



GABOR CSANYI—THE TECH

Rebecca Consentino leads the female cast as "Rose Maybud", here with Mad Margaret (Amy Allen) in the MIT Gilbert & Sullivan Players' production of *Ruddigore*, opening tonight.

New Central Square Building Challenged

By Douglas E. Heimbarger
ASSOCIATE NEWS EDITOR

Developers and citizen activists squared off Wednesday night at a public hearing regarding a seven-story building proposed to be built in the heart of Central Square.

The Central Square Advisory Committee, which provides advice on projects in the area, held the hearing to discuss whether or not to approve the project.

The building, which would replace a cluster of one- and two-story buildings located at the corner of Massachusetts Avenue and Magazine Street, is the latest revision of a plan originally submitted by the Holmes Trust Corp. last spring that called for an eleven-story building.

The revised building plans include two stories of commercial space with 72 luxury apartments on the upper floors. A parking facility with 80 spaces would be in the basement of the facility.

After objections at three public hearings last spring, the owners realized that the original proposal needed to be redesigned, said James T. Rafferty, an attorney who represents the owners of the site.

The new proposal "essentially puts two buildings on the site," Rafferty said. A courtyard located 12 feet above street level connects both sides of the corner to retail space within the site.

Residents also objected earlier this year to the potential eviction of

many of the long-term tenants of the current buildings, including the Ethiopian Restaurant and the Golden Donut, in favor of high-priced chain stores.

However, the owners reached an agreement with many of the tenants. All the tenants except three have been invited to return following construction, Rafferty said.

The new building also features a commitment to affordable housing, with 15 percent of the units, or 11 total, being made available at "affordable rates" — which is currently \$970 for a two-bedroom apartment in Cambridge, Rafferty said.

"I was somewhat at a loss" to figure out how to incorporate all the design comments, said Michael Lio of The Architectural Team, Inc., which designed the project. The ideal building "looks as if it has always been there."

Public still opposed to project

At Wednesday's public hearing, most people still opposed the construction of the new building.

A group calling itself Save Central Square has been meeting for several months to oppose the project, said Mykol Larvie G.

Prior to the hearing, the group held a march from Central Square to the meeting site at the Cambridge Senior Center, and supporters packed into the room with signs and

Central Square, Page 13

Four Students Named To Alcohol Seminar

By Jean K. Lee
ASSOCIATE NEWS EDITOR

Four students were named to the Working Group on Prevention of Binge Drinking yesterday, rounding out the group commissioned by President Charles M. Vest to examine binge drinking on college campuses.

Following the alcohol-related death of Scott S. Krueger '01, Vest promised a student-faculty seminar to investigate binge drinking and develop educational materials. The two co-chairs of the seminar, Professor of Biology Phillip A. Sharp and Chief of Pediatrics and Student Health Services Mark A. Goldstein were named last month.

"I am very positive about being involved in the seminar," Goldstein

said. "I believe the combination of a researcher and a clinician as co-chairs is ideal."

The committee will survey existing programs at other universities and closely study the uniqueness of the MIT environment to make recommendations in dealing with binge drinking.

"The overuse of alcohol among students is seen at almost all universities in this country and MIT is no exception," Goldstein said. "Many colleges are watching us closely since they have similar issues."

"Hopefully, the committee will be able to make recommendations that will result in materials that will educate students and people around the students, create an environment that will be less receptive for binge drinking and where it will be less acceptable for binge drinking," Sharp said.

"Education of the entire MIT community including faculty, students and administrators taken in a broad context will in itself lead to more responsible drinking," Goldstein said. Other areas to look into include peer pressure and "how to deal with stress in an appropriate manner in the culture of MIT."

The group plans to meet weekly or biweekly until the end of the academic year to hold discussions and consult with local and national experts on a wide range of issues related to binge drinking.

"There is an entire constellation of issues which need to be addressed including injury both

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Annual ROTC Veteran's Day Vigil Pays Tribute to Missing Soldiers

By Dan McGuire
EXECUTIVE EDITOR

As the sun dipped below the horizon, Air Force ROTC cadets and Navy ROTC midshipmen gathered yesterday afternoon in front of Briggs Field to conclude their day-long vigil in remembrance of prisoners of war and soldiers missing in action.

As Samuel H. Thibault '00 played taps, cadets lowered the American flag and the black POW/MIA flag that had been flying from the Briggs Field flag pole since 4:00 p.m. Wednesday afternoon and carefully folded them.

The ceremony capped off a day of remembrance which included an information booth in Lobby 10 as well as a speech by Professor of Aeronautics and Astronautics Sheila E. Widnall '60, former secretary of the Air Force.

Widnall encourages cadets

"These warriors were our brothers, sisters, fathers, mothers, daughters, and sons... during their time of action" they were taken prisoner by the enemy or simply disappeared and are left on the rolls with their locations listed as unknown, Widnall said.

America has a duty to resolve these cases, she said, and it is pursuing those cases aggressively both through its own agencies and in its cooperation with other nations. "America has not forgotten about its POW's and MIA's," she said.

The aim is to provide a final answer to families who have a relative missing in action and are living

in a painful limbo. "They hope the answer will someday come. They also know that the news can tell them that their family member paid the ultimate price," she said.

However, not all of those answers have yet been delivered, and in the mean time it is important

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AGNES BORSZEGI—THE TECH

MIT STONEHENGE — Twice a year, the sun shines directly down the Infinite Corridor as it sets. Students gathered to gaze upon the event.

WORLD & NATION

Nader Joins Anti-Microsoft Chorus

THE WASHINGTON POST

WASHINGTON

Veteran consumer activist Ralph Nader joined the fight against Microsoft Corp. Thursday, presiding over a Washington conference in which a chorus of the huge software company's critics charged it is unfairly trying to dominate the Internet.

Not many consumers were in sight at the conference, which had an advertised ticket price of \$1,000 a person. It was a corporate gathering, one that Nader claimed could have attracted more participants if they weren't so worried about retaliation from Microsoft.

"What Ralph is trying to do is get people in the business community mobilized about not rolling over for Microsoft," said John Richard, director of Essential Information, a Nader organization.

The conference occurred in the midst of a confrontation between the Justice Department and Microsoft over whether the company is honoring a 1995 consent decree created to curb some of its business practices.

WEATHER It's Snow Joke

By Gerard Roe

STAFF METEOROLOGIST

We are in for an early winter pounding today, with an unusual mid-November snowfall. The culprit is a large storm growing and becoming more organized along the east coast: the winds will be out of the northeast, a perfect scenario for a wintry blast. The supply of moisture from the ocean and the cold temperatures at the surface also make for hefty precipitation. As if we needed more trouble, temperatures are warm aloft which means there is also the chance of freezing rain. The warm air will follow on eventually and there will be a change over to sleet and rain during the evening, but not before accumulation of up to 3-4 inches. North and west of I-495 will be in for larger totals. The worst will be over by Saturday morning with only a few isolated patches of drizzle/flurries drifting around, but temperatures will be heading back down again.

Today: Cloudy. Snow and sleet developing by midday. Freezing rain possible. Bone-numbingly cold with a high late in the day of around 37°F (3°C). Brisk winds out of the northeast.

Tonight: Change over to rain likely by dark. Gradually diminishing. Low 33°F (0°C)

Saturday: Cloudy. Areas of light snow/rain. High 37°F (3°C). Low 28°F (-2°C)

Sunday: Cloudy. Chance of flurries. High 35°F (1°C). Low 25°F (-4°C)

Iraq Expels U.S. Inspectors, Skeleton Crew Left Behind

By John M. Goshko

THE WASHINGTON POST

UNITED NATIONS

Iraq dramatically raised the stakes in its confrontation with the United Nations Thursday by expelling six Americans on a U.N. weapons inspection team, leading the world body to instruct the entire team to leave the country.

In response to Iraqi orders, the Americans reportedly were enroute by road to Jordan late Thursday. Seventy-two non-American members of the weapons inspection team are to depart Baghdad by plane on Friday, leaving behind a small, caretaker staff.

The Iraqi move was a defiant response to the Security Council's demand Wednesday that Baghdad stop interfering with the U.N. Special Commission searching for hidden Iraqi weapons programs. At the request of the United States, the 15-nation council began urgent consultations Thursday night about how to deal with the latest Iraqi challenge.

Following the expulsion order, the White House convened two long sessions on Iraq involving President Clinton's senior national security advisers. After participating in the first session, Clinton said, "Iraq's announcement this morning to expel the Americans from the inspection team is clearly unacceptable and a challenge to the international community." He promised "to pursue this matter in a very determined way."

But administration officials say

they have few options that might compel Iraq's cooperation with weapons inspectors. Even if international support could be mustered for military action, a massive attack against Iraq might be required to achieve results, a senior administration official said.

Clinton aides said they expected the crisis to unfold on the diplomatic front for at least several more days before any military action might become imminent. Clinton plans to stick to plans for a political trip to Nevada and California this weekend.

White House press secretary Michael McCurry, asked if Clinton sees the 1991 Persian Gulf War as a model for successful confrontation of Iraq, responded: "It's a model of how you respond to an armed invasion of a sovereign nation. We're not talking about that kind of a situation here."

"We're talking about deliberate provocations in defiance of the United Nations, which is a different matter," McCurry said. "But I think patient diplomacy, building a coalition, trying to hold that coalition together is useful and instructive."

McCurry added that the United States is prepared to act unilaterally. He noted that some countries urging the United States to be cautious, including Arab countries and France, may be more directly at risk than the United States from Iraq's development of advanced weapons.

Asked if this was a message to the French government, McCurry responded, "I carefully chose my

destination there." France, as well as fellow security council members Russia, China and Egypt, are strongly opposed to the use of force, and there is considerable doubt about whether Washington could get the council's backing for U.S. air and missile strikes against Iraqi targets. The United States would like to maintain the support of the coalition that opposed Iraq in the 1991 Persian Gulf War.

The latest development in the two-week stand-off began Thursday morning when Iraq informed Secretary General Kofi Annan SM '72 that the six Americans had to leave within six hours. Shortly afterward, Richard Butler, the Australian diplomat who is executive director of UNSCOM, announced that he would withdraw the non-American commission employees, leaving behind a skeleton staff of nine to monitor and maintain UNSCOM's equipment and headquarters in Baghdad.

Those inspectors who stay behind will continue monitoring UNSCOM cameras and sensors used to detect various kinds of weapons research and production, Butler said. But he added: "I would be misleading you if I thought that gave us any confidence. The fact is that every day that has passed since the 29th of October announcement by Iraq (ordering the Americans to leave) has harmed our monitoring effort, and certainly the absence of inspections has been a matter of most serious concern. Every day lost makes the situation worse."

MIT dates & deadlines

Upcoming student deadlines and other important Institute dates

This service is brought to you by the Office of the Dean of Students and Undergraduate Education. If you know of important dates we have missed, please send them to deadlines@mit.edu, and we will add them to the deadlines Web site: <http://web.mit.edu/odsue/deadlines/>

Date	Who	What	Where
Monday, November 17, through Friday, November 21			
Wed 11/19	Transfer students	Last day to file transfer and additional credit forms (\$40 late fee)	SSC*, 8-8600, or E19-335, 8-6409
Wed 11/19	All students	DROP date. Last day to cancel subjects	SSC*, 8-8600, or E19-335, 8-6409
Wed 11/19	All students	Last day to add a time-arranged subject that started after the beginning of the term	Advisor & instructor, then SSC*, 8-8600, or E19-335, 8-6409
Wed 11/19	All students, except special students	Last day to petition for December advanced standing exams	Advisor & instructor, then SSC*, 8-8600, or E19-335, 3-4788
Wed 11/19	UROPs	Last day to register for credit UROP and to drop UROP	SSC*, 8-8600, or 20B-140, 3-7306
Wed 11/19	Freshmen in XL	Last day to drop OME Seminar XL	7-145, 3-5010
Wed 11/19	All students	Last day to add half-term subjects given in second half of term	Advisor, then SSC*, 8-8600, or E19-335, 8-6409
Monday, November 24, through Friday, December 5			
Mon 11/24	Student with final exam conflicts	E-mail notification from Registrar of rescheduled final exams	SSC*, 8-8600; E19-335, 3-4788
Wed 11/26	Students in campus housing	Spring housing cancellation forms due	W20-549, 3-6777; http://web.mit.edu/residence/www/
Wed 11/26	Students in campus housing	House to house change requests form due	W20-549, 3-6777; http://web.mit.edu/residence/www/
Wed 11/26	Undergraduates	9th term housing requests due	W20-549, 3-6777
Thu & Fri 11/27&28	Students	Thanksgiving vacation	
Mon 12/1	All students	Online prereg for spring term begins WebSIS: http://student.mit.edu/	
Mon 12/1	Undergraduates	HASS-D lottery begins	Athena: "add hass-d" (ret), "enroll" (ret)
Mon 12/1	Undergraduates	IAP PE lottery begins	Athena: "add pelott" (ret) "xphedu &" (ret)

*The Student Services Center, Room 11-120.

The Center is open Monday through Thursday, 9 a.m. to 5:30 p.m., and Friday, 10 a.m. to 5:30 p.m.

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Dining Committee Meeting

Walker Memorial
Morss Hall
142 Memorial Drive

FREE DINNER

All are welcome, please join us.

Thursday, Nov. 20 at 4pm

Casino Controversy Plagues Babbitt, Reno Extends Inquiry

By George Lardner Jr. and Roberto Suro
THE WASHINGTON POST

WASHINGTON

Attorney General Janet Reno Thursday stepped up the investigation of Interior Secretary Bruce Babbitt's role in the rejection of an Indian casino opposed by tribes that contributed heavily to the Democratic Party for the 1996 campaign.

Reno notified the special federal court panel in charge of appointing independent counsels that she was commencing a preliminary inquiry to determine whether one should be named in Babbitt's case.

Under the law, Reno must ask the court to appoint an independent counsel unless she can certify with-

in the next 90 days there are no "reasonable grounds to believe further investigation is warranted."

Justice Department sources said the truthfulness of Babbitt's recent testimony to the Senate Governmental Affairs Committee about the casino controversy is a central focus of the inquiry.

Babbitt has denied that political pressure was a factor in the 1995 scuttling of the off-reservation casino project that three impoverished Wisconsin Chippewa tribes wanted to build on the site of a failing dog track in Hudson, Wis., 26 miles east of Minneapolis.

Reno's action came amid a flurry of disclosures stemming from a the Senate committee's inquiry into the controversy over the past few

weeks. The Interior official who rejected the application, deputy assistant secretary Michael Anderson, told Senate investigators he was hurried into making a decision July 14, 1995 on instructions from "upstairs" that it had to be "signed that day."

Regional officials of the Bureau of Indian Affairs had recommended approval of the off-reservation casino on behalf of the three Chippewa bands. Higher-ups at Interior rejected it after lobbyists for casino-rich tribes opposed to fresh competition contacted President Clinton, presidential counselor Bruce Lindsey, White House deputy chief of staff Harold Ickes and Democratic National Committee chairman Donald L. Fowler.

Democrats Block Committee Vote On Clinton Civil Rights Nominee

By Ronald J. Ostrow
LOS ANGELES TIMES

WASHINGTON

Facing certain defeat, Democrats on Thursday blocked a Senate Judiciary Committee vote on the nomination of Los Angeles lawyer Bill Lann Lee as the United States' civil rights chief, leaving it up to President Clinton to decide whether to renominate him next year.

With only Sen. Arlen Specter, R-Pa., breaking ranks, the committee's nine other Republicans said they would have rejected Lee. And they opposed even sending his name without recommendation for a full Senate vote, as Democrats had urged.

With the eight Democrats and

Specter supporting Lee, this would have produced tie votes, which lose under committee rules.

The two-hour committee meeting on the Senate's last scheduled session of the year was marked by drama, with Specter warning that defeating the first Asian American nominated for the Justice Department post "will make it harder for us to elect a Republican president in the year 2000."

But committee chairman Orrin Hatch, R-Utah, whose recent decision to oppose Lee was the crucial blow for the nomination, declared: "We're tired of preferring one group over another, of preferring groups over individuals."

Hatch based his opposition to

Lee on the nominee's support of affirmative action in general and Lee's specific criticism of California's Proposition 209, which prohibits such programs at the state and local level.

During the hearing, Sen. Dianne Feinstein, D-Calif., pleaded with her GOP colleagues on the panel to at least support a move to send Lee's nomination to the full Senate for a vote.

"I think this nomination is really a big deal, because if Bill Lann Lee can't be confirmed for this post, I don't really believe that anyone can be confirmed ... who believes that there are civil rights injustices still being done in this country," Feinstein said.

ATF Allows Assault Weapons Into U.S., Irritates White House

THE WASHINGTON POST

WASHINGTON

A federal agency issued permits allowing 150,000 assault weapons into the United States last month despite the fact that President Clinton was preparing to sign an order prohibiting the import of exactly those types of guns, administration officials said Thursday.

The action by the Bureau of Alcohol, Tobacco and Firearms triggered outrage at the White House, where aides fumed that it defied the will of the president. The Treasury Department and the ATF have launched an internal review to determine how the permits were issued and in the meantime have frozen any new permits pending action.

"I am upset that it happened," said Rahm Emanuel, senior adviser to Clinton handling the gun issue. "It's irritating while we're dealing with a problem and ATF and Treasury are in the room working with us on language ... that another 150,000 got approved."

Emanuel said he had no reason to believe it was intentional, yet neither he nor other officials could explain why the permits were allowed to go through at a time when an interagency review of the policy was underway.

"It should have been abundantly clear that that was not to be done while the review was going on," said a Treasury official who spoke on condition of anonymity.

Americans Guard Against Further Retaliation in Pakistan

THE WASHINGTON POST

ISLAMABAD, PAKISTAN

Americans in the Pakistani port city of Karachi took extra precautions against possible anti-U.S. attacks Thursday, and Prime Minister Nawaz Sharif telephoned President Clinton to promise aggressive action to find the gunmen who killed four American oil company workers. The State Department warned Americans to postpone nonessential trips to Pakistan because "the security situation in Karachi deteriorated seriously" with Wednesday's ambush in rush-hour traffic that killed the four employees of Union Texas Petroleum Co. Two previously unknown groups separately took credit for killings.

But an official of the U.S. Embassy in Islamabad indicated the claims are not considered credible. A third group, Harkat ul-Ansar blamed unnamed groups seeking to destabilize Pakistan.

Pakistani security officials have said members of Harkat ul-Ansar might have carried out the attack to avenge the conviction Monday of Mir Aimal Kasi, a Pakistani charged with the 1993 killings of two CIA employees. The travel advisory also cited the conviction in New York of Ramzi Ahmed Yousef — extradited from Pakistan in 1995 — in the 1993 World Trade Center bombing.

Is there a magic formula?

The source

- A 12 oz. beer, a 5 oz. glass of wine or a mixed drink (1.5 oz. hard liquor) all contain approximately **the same amount of alcohol:** roughly 20 grams
- Punches vary wildly. A 6 oz. serving can contain 0-60 grams of alcohol.

The rate

- **The effects of alcohol vary greatly** from one person to the next, and in the same person from one day to the next.
- The rate of metabolism is about 6-8 grams per hour (120mg of alcohol per kilogram of weight per hour) in the average person weighing 70 kilograms or 154 pounds. It **takes two to three hours to completely metabolize one beer.**
- Many factors significantly influence the rate of alcohol absorption and the effects of alcohol, including body weight, fatigue, if you've eaten, gender, medications, and history of drinking. Alcohol requires no digestion or preparation for absorption. It is rapidly absorbed when it is presented to the small bowel.
- **Food slows the process**, diluting the alcohol and delaying gastric emptying while digestion occurs. Four drinks in one hour without food will result in a very high blood alcohol level, while the same amount of alcohol with food, spread out over a four-hour period, will result in a much lower peak alcohol level.
- Both the peak concentration and the area under the curve of alcohol concentration over time will be **lower in the slower drinker**, since absorption occurs over a longer time period and metabolism of the alcohol will be occurring simultaneously.
- The larger the physical size of the drinker, the lower the blood alcohol level will be for a given amount of alcohol. Alcohol is distributed essentially equally in total body water—about 60 percent of total body weight.

ALCOHOL

just the facts

Emergency numbers

On campus Emergency	100
Off campus Emergency	911
MIT Medical Urgent Care	617/253-1311
MIT Campus Police	617/253-1212

More information from MIT Medical

Health Education	617/253-1316
Internal Medicine	617/253-4481
Mental Health	617/253-2916



one of a series from
MIT Medical

OPINION

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Micheletti Will Be Remembered Forever

It's Saturday, Nov. 1, and I just came back from the cross country meet at WPI. It's about 4:00 p.m. As soon as I get back in my room, I decide to check my e-mail.

"Michele S. Micheletti '00, a sophomore majoring in Course VI, was hit by a car and died last night while crossing Memorial Drive."

Okay, let me read it again. This must be a mistake. I read it over and over again. I can't believe it at all — this can't be true. I don't want to believe it. I start crying.

I remember meeting Michele for the first time in some fraternity party our freshman year. She saw me walking alone sadly in the middle of the big crowd of people that were dancing and having fun at the party. I'm a very shy person, so I was looking for a pair of friendly eyes to give me some confidence. And then I saw her and she saw me, and with a warm friendly smile, she invited me to join her and her other friends in the dance floor.

As the days passed, we became friends. Though unfortunately the last time I saw her was last Saturday at a party. As always, she was smiling and dancing happily with the rest of her friends. Once again she asked me to join them. And I had a lot of fun with her that night.

Since the moment I found out about Michele's death, I just can't get her face and her genuine friendly smile out of my head. It's as if I still don't realize that she is dead; I don't want to accept it, I can't believe it, and I don't understand. As I walk around campus everyday, I'm going to be hoping to see her

again. At the next fraternity party I go to, I'm still going to search for those friendly, warm eyes that comforted me a year ago.

I'm going to miss her happiness, her spontaneity. I'm going to miss seeing her waiting for Saferide every Friday and Saturday night. I can still hear her voice saying, "Hey Patry, what's up, *mi amore*?" She seemed like a totally happy person, always smiling and laughing.

Michele wasn't very close to me, but I consider her my friend because she changed my life. Sometimes when I was lonely and empty, she touched and filled my heart with her friendly eyes and her genuine smile. I really admire her because she was always herself: natural and sincere, and willing to help anyone voluntarily at all times. Michele will be remembered forever in our hearts because in her special unique way, she changed each of our lives.

Michele's happiness, friendship, and her favorite phrase — "*mi amore*" — will be present in our hearts and minds forever. Let's just all be happy and smile like Michele taught us to do, always remembering that friends never drift apart, because good friends are forever.

Patricia Diaz '00

Petition Was Independent

As the presenter and lead writer of the petition presented at the most recent town meeting, I would like to take the opportunity to thank *The Tech* for its coverage of our petition and this event. However, I am somewhat disappointed that *The Tech* did not check its

facts regarding the petition.

The petition I read was signed by 66 members of the MIT community. These signers were from many groups within the community: queer people on campus, queer-positive supporters, fellow residents of Senior House, MIT alumni, and just plain folks who think maybe it's not good to randomly assign students to housing. I guess what I'm trying to get at here is that not all of these people are members of Gays, Lesbians, Bisexuals, Transgendered and Friends at MIT.

As for the petition itself, I wrote it independently, and it was later extensively and diligently edited by Christopher D. Beland '00. In presenting the petition, I represented only the opinions of those signing, and not those of any group, GAMIT or otherwise.

The campus at large, and particularly its media, would do well to note that not all gays on campus are members of GAMIT.

Stephanie A. Miller '98

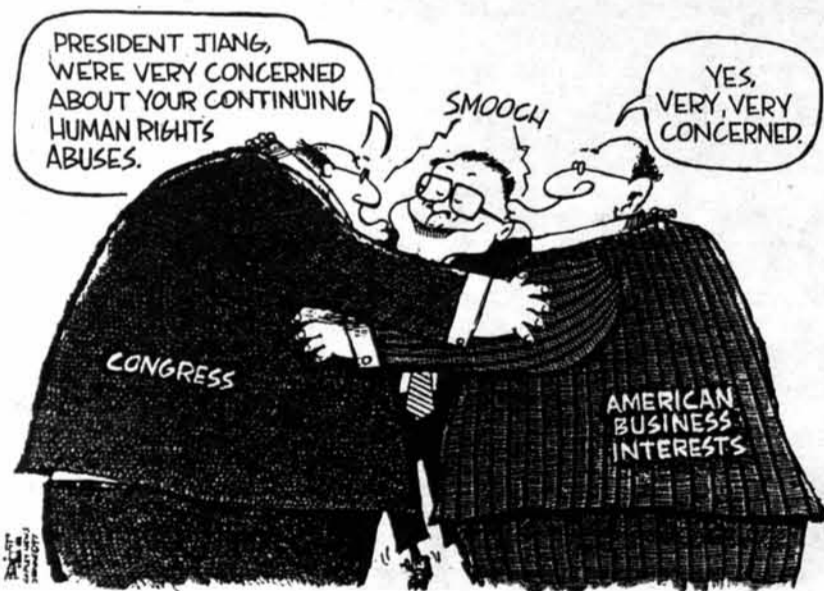
To Our Readers

An advertisement for the Committee for Open Debate on the Holocaust appeared in the Nov. 7 issue of *The Tech*. This advertisement was run due to an oversight on the part of *The Tech*, and we regret the error.

The Tech has a long-standing policy of refusing advertising of this nature, and from the CODOH specifically. The revenue from this advertisement will be donated to the MIT chaplains.



"See? I told you we have no weapons of mass destruction!"



Opinion Policy

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Bach to Basics

Composing Computers or Not, Humans Still Control Their Own Destinies

Anders Hove

Last month, according to *The New York Times*, a computer program called Experiments in Musical Intelligence (EMI)



competed with Steve Larson, a musician at the University of Oregon, to compose several works in the style of Johann Sebastian Bach. At a performance of pieces by Larson, Bach, and EMI, the audience was asked to match the pieces with their composers. The audience was duped: It matched Larson's piece with the computer, and determined that EMI's invention was genuine Bach.

The musicians pronounced themselves horrified. Larson found the experience "disconcerting."

Earlier this year, of course, Garry Kasparov met his first defeat at the hands of a computer. His opponent, Deep Blue, is perhaps the most famous chess player in the world today, even after

IBM announced a strategic retreat from the chess industry.

Kasparov's defeat was the occasion for even deeper discussion of computers and their apparent capacity for overtaking the human mind, at least in the field of chess playing. Columnists for the nation's major newspapers jumped at the chance to express their fears that technology might someday surpass humans at other, more embarrassing tasks. Although the composing computer has received less press than Deep Blue, surely it will prove the cause for at least some Op-ed rantings, beyond my own.

Every time I read about computers or machines doing something better than humans, or replacing humans, I get a little worried. The implication is always the same: Humans have been surpassed.

At second glance, however, most of the things computers and machines are touted for doing are quite mundane and non-threatening.

Take chess, for example. Chess is a sophisticated game, all right. But I've been losing to computers at chess since I was a small child — in fact, I learned to play chess by playing

on an electronic board that beeped if I made an illegal move, which was common. After a while I graduated from electronic chess to playing with a computer. "Battlechess" was the thrill of many a grade-school friend of mine.

To me, the first time a computer beat a human at chess was more worthy of note than Deep Blue's feat. What surprised me most was not that a computer could beat a grand master, but that so much time — nearly two decades — passed between the first electronic chess-playing games and the victory over Kasparov. During that time period, computer technology advanced by leaps and bounds. More than anything else, it demonstrates that the range of skills among chess players is vast.

With music, the case is even stronger. True, computers haven't been composing like Bach for decades; as far as I know, EMI's triumph is a first in this area. In my view, the real scoop, however, has nothing to do with human composition. The real advance was when humans stopped listening to humans playing music and started listening to computers. Completely mechanical music did not originate with the phonograph, but that invention did make mechanical reproductions of human music a widespread phenomenon.

Now, nearly a century after mechanically-generated music became a popular occurrence, we see music-lovers running around in a daze because a computer composed something. In a week, who will care?

Whether the music is classical, rock, or heavy-bass techno, the musical experience remains a deeply social one: People listen to music together, attend concerts together, and talk about their favorite groups. The same can be said for chess: Although computer chess is still around, and many enjoy playing chess over the network, people still shell out big bucks for real chess sets that can only be for inter-human play. Plenty of humanity there.

Meanwhile, little is said about the droves of people staying home for "must see TV." Few raise their eyebrows at skiers plowing down the slopes with Walkmen plugged into their ears. At MIT, hundreds of undergraduates head to the Student Center Athena cluster for a good time every Friday night.

It will come as no revelation to most people that the uses of technology depend on the choices people make. To me, there is no question about machines surpassing humans. Commentators who rave on about this topic are seeing a competition where there is none. I am more concerned with the choices my friends and I make in our daily lives: Are the technology-related decisions we make moving us closer together, or further apart?

A Faulty Housing Proposal

Andrew J. Kim

It's been nearly two months since a tragic incident changed the way of life here at MIT. During that time, committees have been formed left and right to the point that few can keep track. Each committee has distinguished members, and holds open forums and town meetings to gather the consensus of the MIT community. Drastic changes have been proposed, yet few of them seem realistic or prudent.

The most ill-thought-out proposal out in the air is to house all freshmen on campus next fall in pre-assigned dorms. The first logistical problems that pops up in my mind is the lack of facilities to house another four hundred freshmen next year. I know MIT's done some amazing things in the past, but I can't foresee it building a brand new dorm by next August. That would mean large-scale crowding in the existing dorms that don't have a whole lot of extra space to begin with. One of the goals of this proposal is to build stronger relations within the MIT community, but having six roommates in a quad doesn't seem to accomplish that goal in any way.

Randomized housing is the other part of that proposal that I find faulty. One of the biggest decisions of Residence and Orientation Week is to find a home for the next four years. It is a process that everyone takes seriously because only the student (aside from the housing lottery for some) makes that important decision. As a result, people tend to be very happy with their living groups because they chose to live there. The same can't be said if every incoming freshmen got a letter in the mail sometime in July saying that they would be living in "X" House with John R. Smith '02 from Los Angeles and two others come fall. With the randomness comes a huge group of unhappy freshmen who want new housing assignments. This legion of disgruntled residents does very little to promote a sense of community, and at a harsh place like MIT, if a new student can't feel comfortable in his own room, then there are few places to turn to.

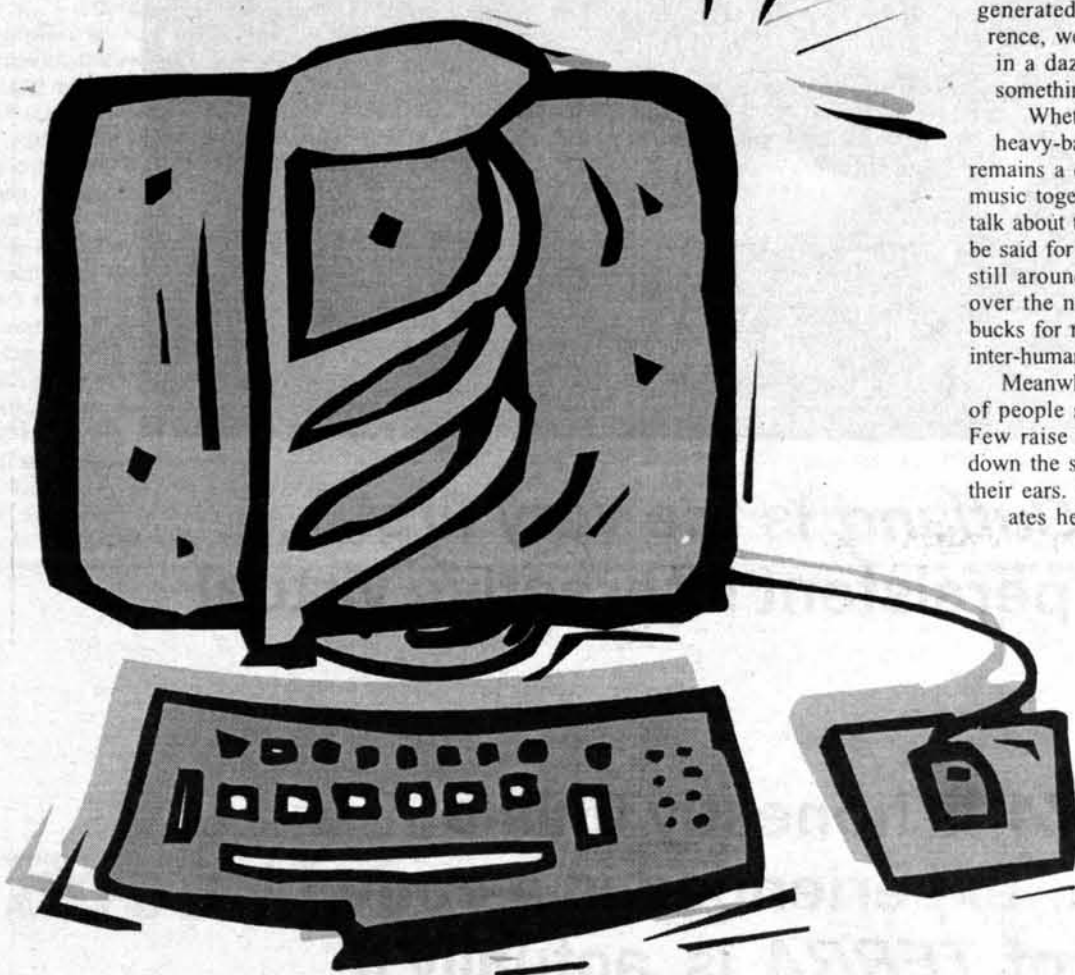
This housing change also alters the landscape for fraternities, sororities, and independent living groups. Freshmen comprise one-fourth of most of these groups and to suddenly turn around and tell them that they can't have freshmen until IAP or even later seems improperly thought-out. The almost impulsive change given without proper notice would be very unfair to FSILGs, and some would have a hard time surviving given the unjust circumstances.

Changing the rush period would also hurt FSILGs in many ways. Rush works logistical as it is. I don't know how many freshmen would trek out in the dead of winter to check out FSILGs, and then have to move all belongings out of a dorm room to a new place without the generous aid of moving vans. Moving rush even later into the year creates even more logistical nightmares for FSILGs due to reductions in numbers and financial resources. Given the short time period of one year, few FSILGs would be able to cope with the drastic change.

The most interesting item of the freshmen housing proposal is the logic behind it or lack thereof. This proposal first came about at a meeting of the faculty, or the small contingent that actually attends the faculty meetings. Rather than a solution to the alcohol-related incident of two months ago, this proposal seems to be the brain-child of a few members of the faculty who have gripes against FSILGs, and now have the perfect opportunity to air them.

The proposal is a flashy way to gain public support, but it only skirts the underlying problem. The real issue here is to prevent another alcohol-related tragedy from happening; changing where a freshman lives does nothing to this effect because there is alcohol available in dorms as well. This proposal leads MIT right back to its current path while leaving FSILGs wounded on the side of the road.

The time will come soon for the various committees to release their recommendations, and for President Charles M. Vest and senior administration to make crucial decisions that will affect the way of life at MIT. I just hope their conclusions will be realistic and rational solutions to the real problems that exist here, not phony crowd-pleasers that accomplish nothing at the expense of the MIT community.



A Trip That Healed Grief's Wounds

Guest Column
Jennifer Grewen

On Friday, Oct. 31, the loss of Michele S. Micheletti '00 struck the MIT community. It especially struck all those who in one way or another knew Michele and were touched by the love she spread to those around her. This love — which saw no color, race, or difference — was a never-ending fountain of happiness, inspiration, and joy, which we were blessed to have known. Losing her was very painful and difficult for many of us to handle. However, the MIT administration was a powerful and effective force which provided strength, leadership, and guidance for all of us. We wish to thank the Dean's Office, the Counseling Department, the MIT Chaplain's Office, and President Charles M. Vest. They all worked together to provide a solid foundation for those of us affected by the passing of Michele.

It was on Oct. 31 that Michele passed away, Nov. 1, when the news spread, and Nov. 4 when a group composed of 26 students, two faculty members, and a floor tutor boarded an airplane heading to San Francisco to attend Michele's funeral services. While there, we attended Michele's wake, went to a Rosary service at St. Dunstan's Parish where Michele spent her elementary school years, and attended her funeral and burial services.

At every moment, we felt like we were part of Michele's family, sharing our thoughts, grief, prayers, stories, and laughter

with family members and friends. Michele's mother said that one of Michele's goals had been accomplished with our presence: Michele had managed to bring the East Coast to the West Coast.

Our visit was incredible meaningful to all of us. When you love somebody, and that person leaves you, the pain of their absence is

*When you love somebody, and
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an open wound.*

*For us, the process of healing
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arrived in California.*

like an open wound. For us, the process of healing this wound began when we arrived in California. Michele's family was not only happy to see us, but they were filled with joy to see how many lives Michele had touched in such a short time.

One of Michele's favorite phrases was "mi amore," because that was exactly what she felt and expressed to those around her. She was the pride and joy of those who knew her, an exceptional person filled with qualities which many of us can only dream of. As

Oscar Wilde once said, "To live is very rare. Most people exist, that is all." Michele not only existed, she lived and she helped others to live. She taught us the lessons of love without barriers and giving unselfishly of oneself.

The opportunity to travel to California granted us the chance to communicate our feelings and love to Michele's family and to begin to lift the veil of sadness which had covered us. Words of comfort from Michele's family and church began to ease our hearts' pain over her loss. We saw the tremendous accomplishments which Michele had achieved before she arrived at MIT. We realized that Michele had lived a fuller life in nineteen years than some people can live in a hundred.

We wish to express sincere gratitude to Dean Robert M. Randolph and everyone who worked with him to make our trip possible. The generosity and caring he showed us are far above and beyond what was expected. This trip has touched all our lives.

The Tech received this column as a letter on behalf of 22 students: Ricci H. Rivera '00, Rosanna A. Alegado '00, Shelby J. Savage '99, William J. Melendez Diaz '99, Samuel T. Wong '01, Baruch P. Feldman '01, Jacquelyn L. Baskin '00, David R. Dunmeyer '00, Ana K. Claudio '99, Jennifer T. Grewen '99, Charles I. Morton G, Anjali Chokriwala '00, Susan E. Rosenthal '00, Alberto J. Cividanes '00, Allison L. Waingold '00, Danielle A. Hinton '00, Jomaquai Jenkins, Kareem A. Benjamin G, Marcus W. Baynes '00, Deborah Cheng '01, Heileen Hsu '01, Anna Orenstein-Cardona '99, and Aleksandra Markina '99, Shawn E. Atlow '97, Xilonin Cruz.

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The Adrenaline Vault, 20 October 1997

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THE ARTS

A night of Dramashop's student written One-Acts

By Teresa Huang
STAFF REPORTER

With their annual showcase of student-written, student-directed one act plays, Dramashop has shown once again that there are true artists at MIT. The talent that they gather in the writers, directors, and production staff is amazing and the maturity of the actors in all their productions is impressive. The results of this year's trio of scripts are no different. Each with its own look, theme, and atmosphere, the Dramashop *One-Acts* continue to develop the talent of new writers and directors while achieving the gloss of great theater.

The evening's first play, *Edgewordwise* by Anand Sarwate '01, was short but made quite a statement. The dialogue between the lone characters Julian (Ira F. Gerhardt '99) and Vivian (Jacqueline Kirtley G) explores the idea of finishing another person's thoughts. Julian constantly finishes Vivian's sentences and feels justified while Vivian asserts that there's a difference between interrupting and completing. As the wordplay escalates between the two, their sentences start to merge into each other until you're not sure who started what sentence.

Almost completely void of set design and lighting cues, the words themselves were in focus. Sarwate's clever script was a real test of intensity for actors Gerhardt and Kirtley. With the dialogue switching almost instantaneously and getting faster, they really had to work together and trust each other to be comfortable enough with the text to keep the play going. The faster the words got, the more challenging it was. They handled the task with seeming ease, producing some truly humorous and impressive moments and bringing a general snappiness to the text.

The second play of the evening, *Auditions*, was an impressive achievement for playwright

Rob Marcato G, who acted in last year's fall *One-Acts* production of *Cyril and Harry*. Through the lives of two roommates and a series of glimpses into an audition, Marcato's play explores themes of rejection, disappointment, and failure. The characters he's created are real and the interaction between them and the simple pieces of the set are believable and skilled.

The meat of the plot revolves around two roommates and the different ways in which they take risks. Eric (Richard Thompkins '98) is a struggling actor who auditions a lot, but can't seem to get cast as anything but a criminal. Still, he tries. His roommate Danny (Jon Levene G), on the other hand, is not as daring when it comes to his life and women. Eric notices that his roommate goes to the Film Forum a lot, though Danny insists he's only interested in the old movies. We see later that he actually goes to meet Nora (Nadia Muna '99), a woman he's been meeting for several weeks. Nora asks Danny to dinner, and the way he handles the invitation shows us a lot about his fear of rejection.

The drama is interjected with audition scenes similar to the opening scene between the auditioner and a random actor. They serve as both a foreshadowing technique for the finale of the play as well as another space for the play's themes to be explored. Everyone in the play handles rejection and disappointment differently. As an actor, Eric has dealt with plenty of disappointment, but he continues to audition in hopes that the perfect part will eventually come along. Above all other characters, Danny represents fear of rejection. He blows off a real date with Nora and tries to hide his fear in rationalization. He can't even begin to think about a relationship because he's afraid. Even successes in his past aren't enough to inspire him to try.

The final audition scene gives the play clo-



RITA H. LIN—THE TECH

Richard Thompkins '98 and Jon Levene G in *Auditions*, written by Rob Marcato G. It was one of three student-written plays performed last weekend as part of Dramashop's *One-Acts*.

sure as Eric himself auditions for Dick with a piece his roommate Danny has written. His audition is remarkable because though Eric speaks, he's speaking words from Danny's mind which recognize his fear of failure, making his character even more interesting. The idea that his fear and regret are somehow part of him and that he accepts it and acknowledges it enough to write it on paper is astonishing.

The final play of the evening was *Triple Fable*, written by Eddie Kohler G. Perhaps you remember his whimsical play, *Five Fake Dreams in Six Short Scenes*, from last year's

One Acts? Kohler has certainly outdone himself with a new script that is much more fierce and calm at the same time.

Directed by Dramashop veteran Monica Y. Gomi '96, *Triple Fable* is narrated by Kate (Elizabeth Stoeck G), who sits in an arm chair next to a standing lamp at stage right and exudes an incredible warmth about her. She tells the story of two men. The central character is Adam, played by freshman Peter A. Shulman '01 with a wide-eyed innocence and emptiness of a boy without a place

One-Acts, Page 8

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I WANT YOU

The Undergraduate Association is looking for a
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The position's duties include the distribution of advertisements for Undergraduate Association events and services. Position would require an undergraduate student who is committed to working 10 **flexible** hours a week and is willing to explore the intricate nooks and crannies of the MIT campus and the Back Bay. An interest in the affairs of student government would be a plus. Compensation will be \$7.25/hour.

If interested, contact Lara Duston at lduston@mit.edu or x3-2696 by Nov. 21, 1997.

Gaming Shorts

23 games to play.
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Let's make these short.

By Mark Huang
STAFF REPORTER

bet you thought you were going to catch up on those problem sets and write your parents this weekend. Ha! Try buying a new hard drive, instead. Between the hundreds of games coming out before Christmas, that stash of downloaded porn in Temporary Internet Files, and the hundreds of MPEG audio clips you've no doubt collected (you're going to burn in hell, pirate), space, and time, will be tight indeed.

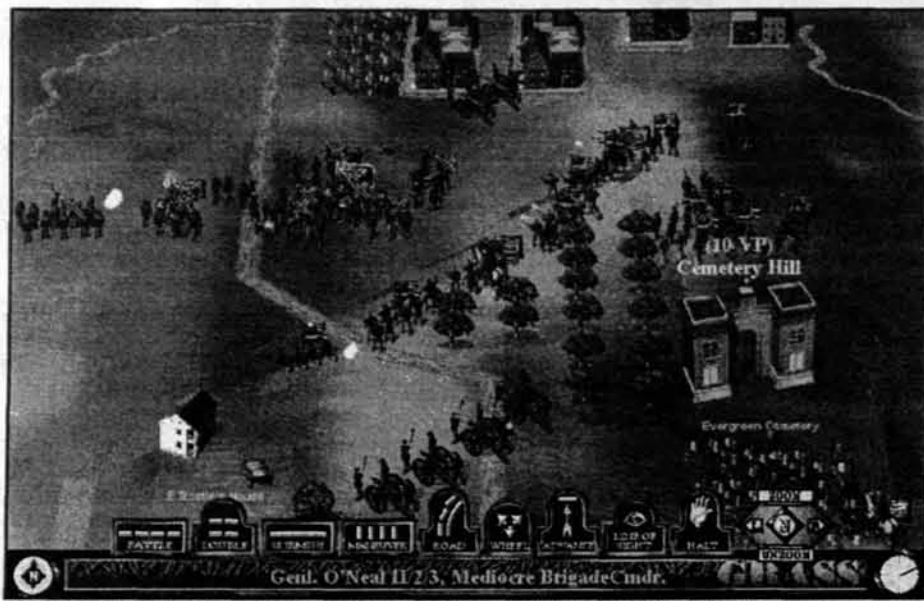
The major reason you'll be failing your classes in December is that next month will see the release of three of the most highly anticipated blockbusters of the year: *Tomb Raider 2*, the *Diablo: Hellfire* add-on from Sierra, and *Starcraft*. Between now and then, I know that those paychecks will be burning holes in your pockets, but think twice before giving in to the sexy, voluptuous boxes crappy games often come in. This week's review is thus dedicated to the mediocre, unheralded games that are shivering on the shelves of Electronics Boutique... you may find one of them at least amusing enough to get you through the weekend.

Close Combat 2

While we're being blunt, one word: Microsoft. *CC2*'s probably a good game, but it's boring and overly complicated as all hell. You may think that the last sentence was a contradiction. I offer Windows 95 as Exhibit B.

CC2 is real-time WWII strategy/simulation, definitely targeted towards an older, wiser, duller audience. The game offers beautiful graphics and great sound, but the learning curve is a little steep for only occasional dabblers in strategy like me. The most distinctive feature of the game is its complexity, if that's your pain: traditional macroscopic strategy, like placement and formation, is combined with microscopic worries, like morale and fatigue, to create an immersive environment of pure stress.

If you're looking for something that hovers around the same level of realism but is infinitely more fun, go to BU. Or, try...



Sid Meier's *Gettysburg!* lets you take command of Union or Confederate armies.

Sid Meier's Gettysburg!

Sid Meier knows how to make games. He's done it for most of his life. Trust the man.

In *Gettysburg!*, a real-time wargame from rookie Firaxis Software, you take command of your choice of sides during the most strategically taxing campaign of the Civil War. After selecting a side and launching the game, you'll find that the interface is immediately intuitive and the gameplay is properly paced. Graphics are rendered in a minimalist fashion, but they remain both informative and pleasing to the eye.

There's something elegant about simplicity. *Gettysburg!*'s intense focus on the art of war, rather than the art of raping the landscape and slaughtering your enemy, sets it apart from bloated games like *Dark Reign* and the upcoming *Starcraft*. In a genre that's slowly beginning to merge with action, *Gettysburg!* stands out as a classic example of a well-designed strategy game.

Need for Speed II SE

Electronic Arts' wildly popular *Need for Speed* was a hit among twelve-year-old kids around the globe, but EA violated the First Rule of Sequels when it released *Need for Speed II* as just a bigger, slower, more disappointing relative of its predecessor. They've attempted to allay some of the criticisms of *NFS2* — namely, that it wasn't a joke, as most had thought, to require MMX and 32 MB of RAM to play — by releasing a 3Dfx-enhanced version of the game.

I have to say that I was surprised by how fun it was to play. If you're looking for a real driving simulator, try *Grand Prix* by Microprose, but if you just want to sit down and release some adrenaline, *NFS2* might be worth your time. The graphics are superb with 3Dfx, and the cars are to die for (whoops,

that's *Carmageddon*, sorry). *NFS2* supports various multiplayer options and force feedback input devices, but the experience I had with the Microsoft SideWinder Force Feedback Pro was a nightmare: I felt as if the software was controlling me, sensing my every move, and reporting them back to headquarters for further processing. In any case, *NFS2 SE* offers the chance to drive a dozen different cars and race on several visually stunning tracks; a cute game.

Excalibur 2555 AD

This pathetic excuse for a *Tomb Raider* ripoff is like a lesson in abuse of OpenGL. Some people just shouldn't have the power to create badly formed polygonal models. From the weird plot — as Merlin's incredibly ugly niece Beth, you must recover the stolen Excalibur in the year 2555 AD — to the terrible graphics — Beth is an attractive 30-30-30 walking tetrahedron — this game was not worth the effort to port from the Playstation. Don't bother playing the demo, and definitely don't buy it when it hits, and drops from, the shelves this weekend.

Blupi's Planet

Do you see a budding Stalin in your six-year-old kid brother? Would you like to develop his precocious appetite for global domination? *Blupi's Planet* is *Red Alert* ported to the 10-and-under platform, an excellent training tool for the younguns. As a strategy game, it's both complex and intriguing: pick flowers, set off TNT; bounce the cute blobbies around, blow up the evil aliens. I found the game fascinating and entertaining, sure to be under every Christmas tree this year. I'm most impressed, however, by the fact that a Swiss company could create a wargame this good. Move over, Lara: Blupi's here!

zation continues to give great opportunities for student talent to shine, and this year's one-act plays were no exception.

Edgewordwise

Written by Anand Sarwate '01. Directed by Jeremy Butler '98. Starring Ira F. Gerhardt '99 and Jacqueline Kirtley G

Auditions

Written by Rob Marcato G. Directed by Rony Kubat '00. Starring Richard Thompkins '98, Jon Levene G, Nadia Muna '99, Darin Sloneker, Marshall Parker, Randy Weinstein G, Sarah Cohen '00, Julie Park '99

Triple Fable

Written by Eddie Kohler G. Directed by Monica Y. Gomi '96. Starring Elizabeth Stoehr G, Peter A. Shulman '01, Nicholas Hahn '99, Adriane Stebbins '01, Paul Konigsberg '98, Geeta Dayal '01

An evening of student-written One-Acts

One-Acts, from Page 7

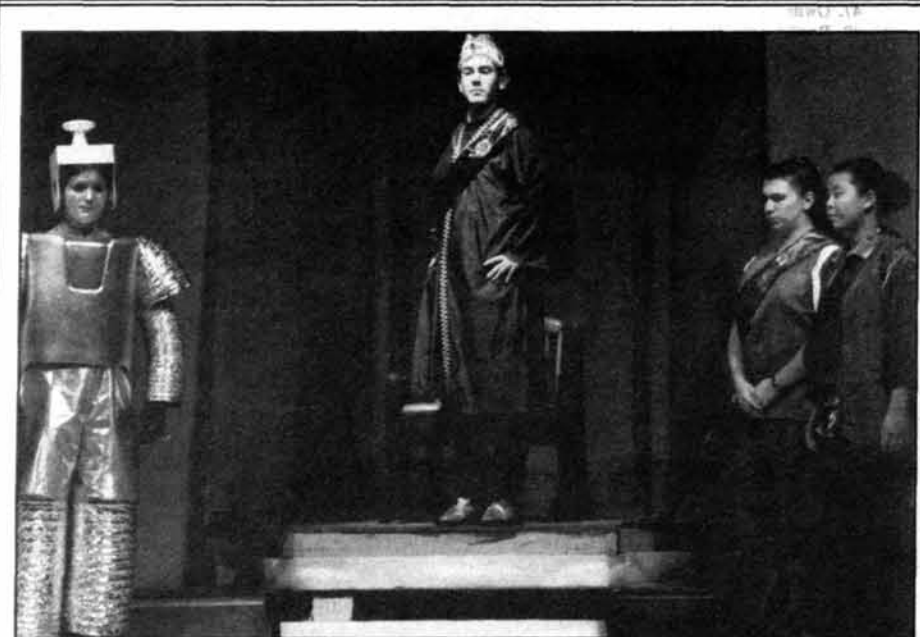
world. The other story is of Max (Paul Konigsberg '98), a man with a definite place that is killed in the crossfire. Kohler's characters tell their own stories in terrifically vivid yet ambiguous soliloquies, each providing a curious look into that person's mind.

Adam was the most remarkable character because he doesn't belong anywhere, really. He maintains a strange lack of emotion, just as the production maintains a lack of light, props, and embellishment. Adam is caught in the world, feeling a million things yet nothing at all. The emptiness reflected in his eyes and

soul is present in everything in his life — at his desk job, at home, and at his job on the farm.

The story told by Kate weaves through the lives and experiences of all the characters, explaining so much and yet nothing at all. Ambiguity in clarity seems to be Kohler's specialty, and this script is no less than brilliant when it comes to the deceptive technique of giving the audience flashes of insight into the characters while really giving them much more.

All three plays in Dramashop's fall event were excellently scripted, directed, and acted by a talented score of individuals. The organi-



GABOR CSANYI—THE TECH

Seth Bisen-Hersh '01 co-stars as the Chancellor of the Galaxy, shown with Elicia Anderson '01, Stacy O'Connor '99, and Saujin Yi '01 in the Musical Theatre Guild's production of *Robots*, performed last weekend.

Scoop

By Teresa Huang

I almost didn't finish this week's Scoop because I was behind at work and my computer crashed twice while I was playing *You Don't Know Jack*. See how devoted I am in bringing you the best in weekend entertainment? Sigh... the responsibilities are endless.

Christmas bells are ringing... on TV... at Saks. It's not even Thanksgiving yet, but of course the retailers of the world are already prepping us for the hyped, consumerist gala known as Christmas. Case in point, the Tenth Annual Christmas Festival will be held this weekend at the World Trade Center in Boston. Catch the free shuttle from South Station, pay the obligatory \$7 admission fee, and explore the enormous craft and culinary event. Get some early shopping done while snacking on food samples or watch Martha Stewart-types compete in the wonderful Necco Gingerbread House Competition. The festival's 350 plus exhibitors come from all over the country, bearing etched-glass sculptures, pottery, wood carvings, handmade ornaments, and an array of culinary masterpieces. Call the World Trade Center at (617) 742-3973 for more details. Today, 12:00 p.m. - 8:00 p.m. Saturday, 10:00 a.m. - 7:00 p.m. Sunday, 10:00 a.m. - 5:00 p.m.

I'll take Political Bigwigs for \$400.

Alex has set up shop in Washington, D.C. with a group of contestants he calls the real Power Players. Watch Oliver "Ollie" North duke it out with Oliver "let's make another film about the government" Stone. See how Bill Maher of ABC's *Politically Incorrect* fares when he's not in his cushy host position against Arianna Huffington and Jesse L. Jackson, Jr. Is Al Franken even smart? The week of shows will be worth watching just to see some of Washington's biggest mouths can stay shut until called on.

Say you'll be there. The groovy gals known as the Muses give their winter concert tonight at 7:30 p.m. in Room 6-120. Think Spice Girls with talent, minus the annoyance factor. Aside from their usual sass and song, the concert will feature the Columbia Kingsmen and a special appearance by Nate Ahlgren, reprising his Late Night with Sigma Kappa performance of his original song "Organic Chemistry Chick." The song's a hoot. Don't miss it.

Not all breakfast foods start with "Mc." The craving for pancakes and real poached eggs has hit you. If you're looking for a terrific morning meal and don't feel like dealing with the sticky tables at IHOP, step into the Greenhouse Cafe at 3 Brattle Street in Harvard Square and leave winter at the door. The garden decor is gorgeous and everything on the breakfast menu is simple yet perfectly cooked. If the freshness of their food doesn't win your heart, try a slice of their mile-high cake. Okay, it's only one foot tall, but that's still quite a dessert.

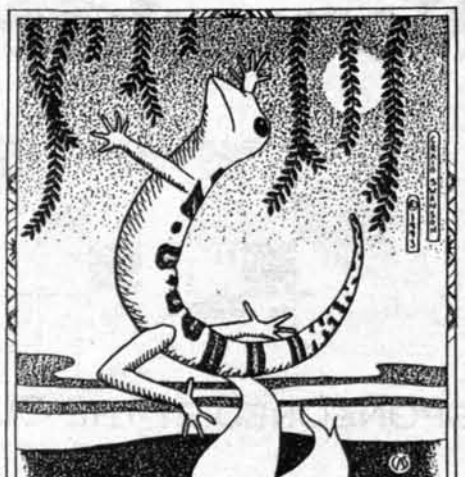
We still don't know the truth. When I said last week that I wanted closure, I didn't mean at the expense of the story, for goodness sakes. She's cured! It's a miracle! Puh-lease. Nevertheless, *The X-Files* continues to open its fifth season with a bang by focusing this Sunday's episode entirely on the lovable losers known as the Lone Gunmen. Richard Belzer guest stars as his character Detective Munch from *Homicide: Life on the Street* in yet another sweeps crossover stunt. I guess it wasn't enough that he infiltrated *Law & Order* for sweeps last week. What's next? Munch on *Beavis and Butthead*?

Cartoon T-Shirts

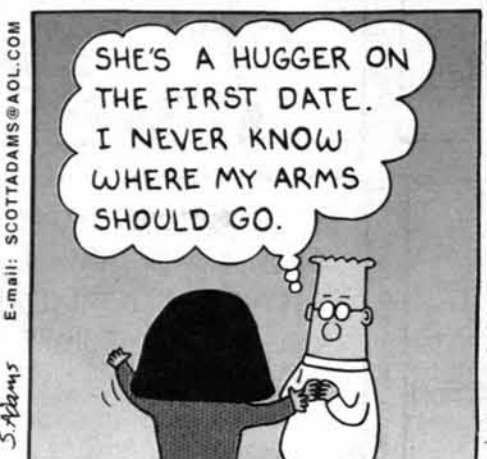
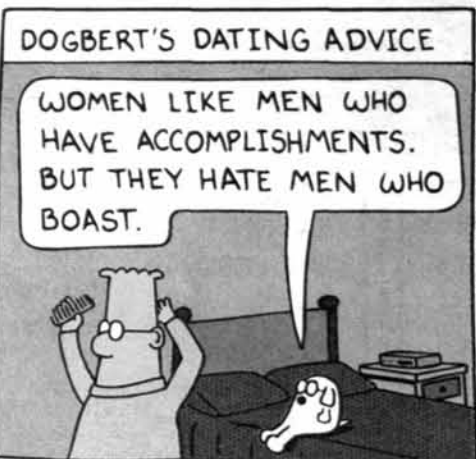
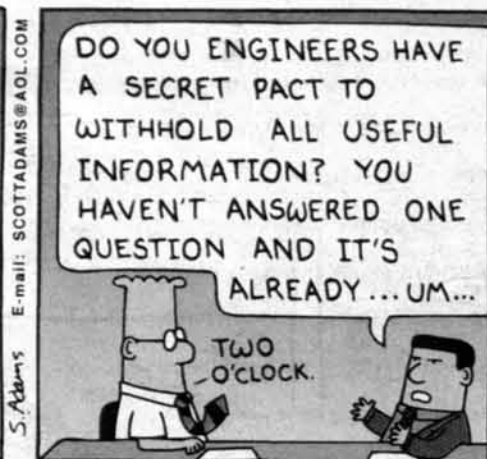
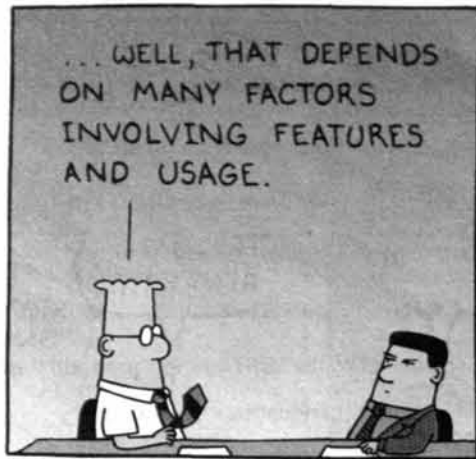
by Craig Swanson

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Art Gecko



More Dilbert® on the previous page.

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WHY THIS MATTERS

The Institute is now in the third year of a three-year grading system experiment on the use of +/- grade modifiers. When the summer semester of 1998 comes to a close, the experiment will be over. The faculty must therefore consider and vote on the grading system policy.

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— *Committee on the Undergraduate Program (CUP)*

* Faculty: Please fill out the mailed questionnaire and return it by interdepartmental mail.

dammed for life

by jessica



Off Course

by Hugo



RHINO MAN

THE STORY SO FAR: Rhino-Man's heroics have finally gained public attention, making him an overnight celebrity. But his crime fighting efforts have made him the target of the Yakuza, or Japanese mafia, who now scheme against him.

by Zachary Emig

Gentlemen, my name is Jed Horsch. I am a Texan, and a veteran of three Senate campaigns and four Governor's races, in which I served as spin doctor and p.r. advisor. And I have the solution to your problem.

For the past few weeks I've been researching Rhino-Man and Sector 9, and the results have been surprising. Did you know that, as late as the 1970s, public opinion was that Sector 9 was a right-wing, Gestapo-like police force? But now they are thought of as a friendly, public-safety organization.

And Rhino-Man's recent public successes only strengthen that image. Your goal should be to reverse that change in public opinion, and I have the plan to do just that!

It has already begun!

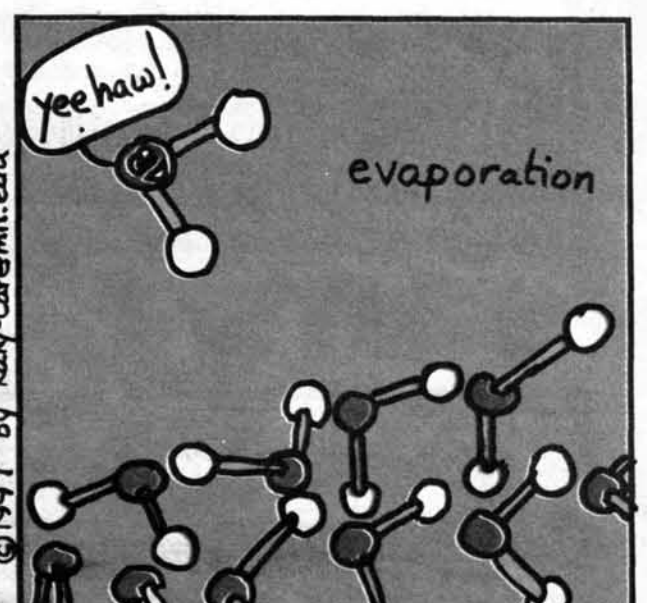
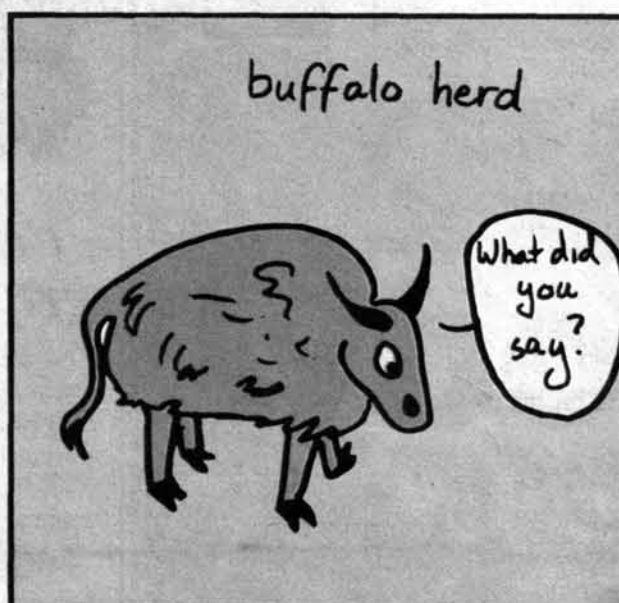
This concept seems sound...But I've already put out another hit on Rhino-Man. Will that be a problem? When will your plan start?

That won't be a problem at all. Hey, if your hit man does his job, problem solved, right? If not, no harm done. As for my plan...

Next Issue: Rhino-Man meets two peculiar members of the FBI.

Noun Poetry

by Katy-Cat



Wilmut Shares Insights Regarding 'Dolly' and Cloning

By Orli G. Bahcall
STAFF REPORTER

Ian Wilmut, famed for cloning the sheep "Dolly", gave a lecture entitled "The Role of Nuclear Transfer in Biology" on Tuesday in 10-250.

Wilmut and colleagues announced the successful cloning of a sheep from an adult cell earlier

this year on Feb. 23.

Wilmut discussed the scientific breakthroughs that allowed his group at the Roslin Institute in Scotland to be the first to successfully clone an animal from a single cell of an adult mammal.

Wilmut's group made use of a relatively new technology termed

"somatic cell nuclear transfer."

Wilmut's successful cloning of a sheep, using donor nuclei of a mammary cell of an adult sheep presented an affront to the accepted notions that differentiated cells had lost the potential to give rise to all the cells in a full animal.

Cloning research was initiated at

the Roslin Institute in pursuit of better means of agriculture production, Wilmut said. This technology could be used "to produce groups of genetically identical animals" to provide for more uniform quality and efficient production, he said.

Idea of cloning humans examined

Wilmut also addressed the numerous social and ethical implications of his research.

Wilmut raised several scenarios in which cloning human beings might be useful. While initial cloning experiments were performed on sheep, more interesting possibilities arise in applying this technology to humans, he said.

Using cloning to overcome infertility, "to recover lost relatives," to circumvent mitochondrial diseases transmitted from mother to daughter, and to create "selected children" were among the possibilities opened by human cloning, Wilmut said.

One could envision that parents would want to clone famed movie stars to raise as their own, he said. Parents would not, however, "get the exact human copy that they were looking for," because of environmental determinants, he said.

Wilmut raised objections to the use of cloning technology to produce selected children. "We should treat each child as an individual... but this would be saying 'I want you to be

like this other person,'" he said.

Technology aids medical research

This cloning technology could also further biomedical research by using sheep as models in the study of disease, Wilmut said.

For example, to study the inherited disorder cystic fibrosis, researchers could modify the sheep's copy of the gene found mutated in human CF patients, he said. This would provide a new CF model which could be used for physiological studies, drug development, and possibly gene therapy, Wilmut said.

Cloning technology could also be applied to treat human beings, by using cell-based therapies, Wilmut said. One example of a proposed treatment would involve taking cells from a patient, correcting the genetic defect, and subsequently transferring the corrected cells back into the patient as needed, he said.

Using germline therapy, one could also aim to treat diseases in the context of a full human being, Wilmut said. This would involve directly changing the genetic composition of a pre-embryo cell, he said.

There is a "slippery slope... in contemplating changing [the genetics of] human beings," Wilmut said. "We do not understand enough about the nature of relations between genes... and where would we draw the line?"

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Opinions Clash Regarding Central Square Building

Central Square, from Page 1

placards opposing the development. "I'm not opposed to development per se, I'm opposed to this development," said Ellen El-Weqayan. "This community does not need 61 luxury apartments." Many residents were concerned that the new apartments would cause their rents to go up. "There's no way you can put in substantial development and not have the ripple effect occur" where rents rise in other buildings, said Jeff Duritz. "The majority of people in Central Square are not white men in suits" who can afford an additional increase, he said. Others objected that the Golden

Donut had not been asked to return. "Cambridge is a city of history and character," said Gene Kelledis, a life-long resident. "The Golden Donut is a meeting place for people from all over Cambridge." "We're looking for responsible citizenship," said attorney David A. Hoicka '77. "Tell the architects, 'Nice try, it's better than the last plan but it's not good enough.'" "We don't need to look like every other suburb in the United States," said Kim Kalkowski. **Some support new development** A few residents expressed their support for the project. "I'm very pleased that this proposal has been responsible" in addressing the con-

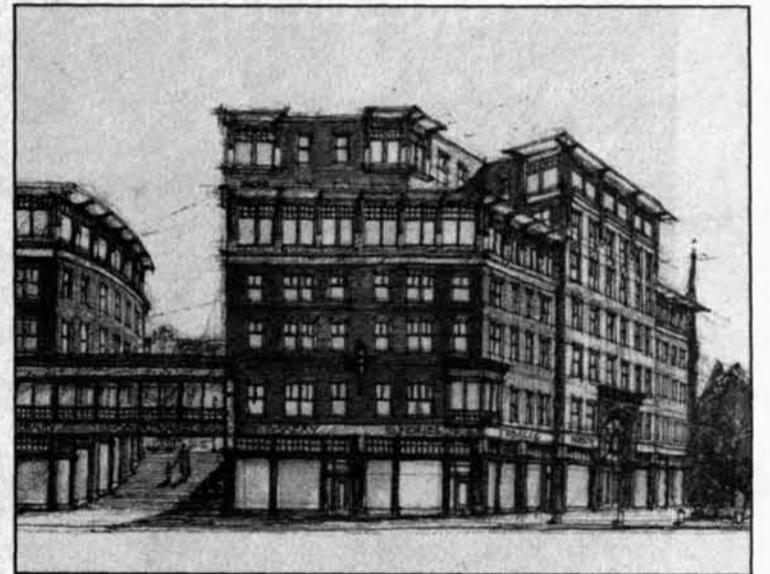
cerns made earlier by the committee, said Clifford Trusdell. Opponents who oppose any construction are practicing "kamikaze politics," he continued. Opponents who claim that the construction will lead to suburbia encroaching in on Central Square are incorrect, Trusdell said. "That has got to be the most ridiculous thing I've heard since Richard Nixon said he wasn't a crook." "I am fabulously impressed with the response" of the owners to the earlier concerns, said Robert Winters. "I have never seen a property owner act with such good faith." "There are a whole lot of people supporting the project who aren't

here," Rafferty said. "Speaking up is not for the faint of heart." Many of those who support the project do not speak out in favor of it because of the strong atmosphere against the project at the public hearings, Rafferty said. **Both sides optimistic for future** Both sides expressed optimism that they will prevail in the upcoming series of public hearings. The chances of building the project in its revised form are "reasonable," Rafferty said. "I think the amount of zoning relief required is modest." "The buildings there [now] are an anomaly," Lio said. Originally, they were taller, but during the Depression their upper floors were removed to decrease the tax burden on the owners. As a result, the current buildings are not in scale with the roads and other architectural features, Lio said. Opponents differed about the

project's prospects. "I think it'll be very unlikely that they'll be able to build this building," Hoicka said. "I think we have a high likelihood of success of changing what the developer plans for the corner." Save Central Square filed a lawsuit on Monday asking that the city be required to open and rehold all meetings with the developers. "We're asking the judge to make them do it over again and do it in the sunshine this time," Hoicka said. The committee will hold an open meeting on Tuesday at 5:30 p.m. to discuss what changes to make in its initial report, which called for the significant changes addressed at the latest hearing. At 8:30 p.m., the planning board of the city will hold an open hearing on the project's request for several variances and waivers from the board needed to build the project. Both meetings are at Cambridge City Hall, located on Massachusetts Avenue just beyond Central Square.



Members of Save Central Square marched to a public meeting to protest the Holmes Realty Trust development that they feel would destroy community character in the heart of the neighborhood.



Artist's rendition of the proposed development in Central Square.



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ATKEARNEY

IFC Meeting Minutes

At their Nov. 12 meeting, the President's Council of the Interfraternity Council passed the following policies and proposals:

A new policy on risk management passed, 21-9-8. The policy states that events organized for new members must be alcohol-free for all participants; all fraternities, sororities and independent living groups must have a Risk Management and Safety Officer who works with the IFC to create and enforce risk management policies; members of IFC with MIT-approved housing status must not have a tap system and kegs present in their house; no alcoholic beverages may be purchased through a living group's treasury nor may the purchase of same for members or guests be undertaken or coordinated by any member in the name of or on behalf of the chapter. Alcohol will only be available through a third party vendor or at functions designated as "bring your own beer" parties.

An enforcement policy and list of Risk Management Officer responsibilities were also approved. After the first violation of the risk management policy, a living group would not be allowed alcohol at social events for 120 days. A second violation requires a house to be substance-free for 120 days, and a third violation incurred while still on probation from the second violation would cost a living group their rush privileges.

An Orientation/Residence proposal to the faculty and administration passed. The Council proposed to increase the scope and effectiveness of orientation, promoting the sense of the MIT community and increasing the level of student-faculty interaction. In terms of residence selection, the proposal called for more objective information to be disseminated to freshmen and their parents, lengthening the residence selection period by two more days and committing to toning down the intensity of rush, ensuring the safety of freshmen, encouraging diversity in student life, and creating more residence options, especially for women.

An Education Proposal for O/R passed, suggesting a comprehensive program to educate freshmen on interpersonal skills, health, emergency options, risk behaviors, and legal responsibilities.

SOURCE: IFC PRESIDENT IDDO GILON '98



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Open Presentation will be held on Monday 17th November at 6:00 pm in Room 4-159 on the MIT campus.

Scheduled interviews will be held later that week in the MIT Careers Service



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Seminar Will Explore Binge Drinking Issues

Alcohol, from Page 1

physical, emotional and psychological to the drinker as well as those individuals around the drinker," Goldstein said.

However, the committee will not be deeply involved in the freshmen housing issues, as other groups will focus on them, Sharp said.

The group includes: Juan L. Rodriguez '98, Ritu Gupta '99, Susan E. Rushing '99, Pascal R. Chesnais G, Professor of Brain and Cognitive Sciences Suzanne H. Corkin, Professor of Toxicology John M. Essigmann PhD '76, Professor of Physics Edward H. Farhi, Professor of Electrical Engineering and Computer Science

Alan V. Oppenheim '59, Assistant Professor of Political Science Kenneth A. Oye, and the two co-chairs, Sharp and Goldstein.

Although the group size will be kept "small enough to be able to work together effectively," the committee will reach out to various parts of MIT and hold frequent discussions with students, faculty, administrators, alumni and parents, Sharp said.

Administrators will not take part in the seminar, but the committee will be in close communication with the Dean's Office and will report to the President's Office. "You don't want to be working in a vacuum," Sharp said. "We have to find ways of making things fit in the context and fabric of MIT."

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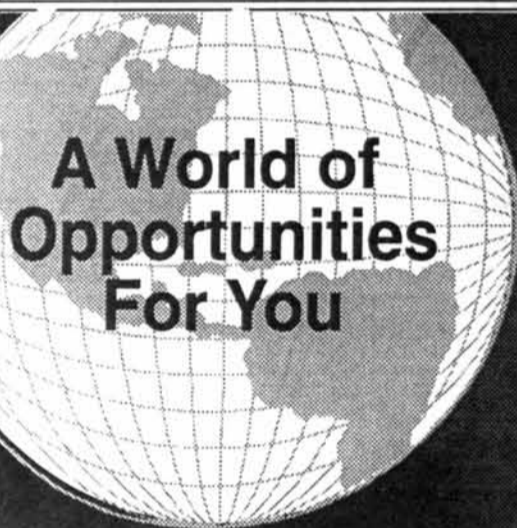
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Cadets in Air Force and Navy ROTC Take Part in Ceremony

Veteran's Day, from Page 1

that those who are missing be remembered. "I firmly believe that your vigil is making a difference," Widnall said. "Through your vigil you are remembering POW's and MIA's in the way that they would want to be remembered — with dignity and respect."

In addition, "veterans who pass your way will look at you with a special pride. They realize that it is only by the grace of God that they were not among" those lost, Widnall said. "You are not only saying that POW's and MIA's will not be forgotten, but that [veterans] will not be forgotten."

Vigil expands this year

Sixty Air Force ROTC cadets and 12 Navy ROTC midshipmen participated in this year's ceremony, said Ken G. Iwamoto '99, who coordinated the event. "We organize this every year. In the past it's been all services; this year it's been just the Navy and the Air Force," he said.

"Veteran's Day is a day that is forgotten sometimes. I want people to remember it," Iwamoto said.

The event is to "honor those that have made the ultimate sacrifice," said Air Force ROTC Wing Commander Sumit Agarwal '98.

"It's an important thing to do," said Ashley B. Clayborne '99, who manned the information booth in Lobby 10. "It's important to make our presence known."

There was also a symbolic significance to having the information booth in Lobby 10; its walls are carved with the names of MIT alumni who gave their lives during a time of war.



With American and POW flags flying at full mast in the background, Ben Davis '00 of ROTC performs Veteran's Day service Wednesday.



THOMAS E. MURPHY—THE TECH

Annika Pfluger, administrative assistant for the Artificial Intelligence Lab, plays the baroque cello with the MIT Baroque Ensemble last Friday as part of the ongoing "MIT Artists Behind the Desk" series.



AGNES BORSZEKI—THE TECH

MIT Chamber Chorus performs works of Bach, Harbison and Britten in a fall concert in Kresge Auditorium on Thursday.

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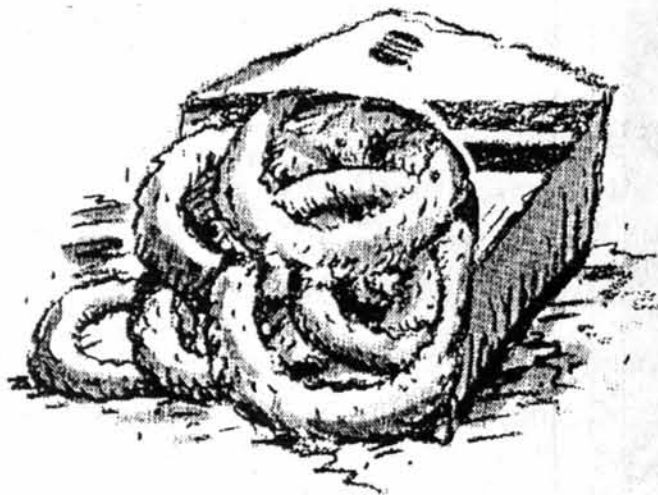
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Redskins Will Edge Cowboys in Archrival Showdown II

Brocoum, from Page 20

The Falcons-Rams game this week figures to be a good contest just because they are so bad. With combined records of 4-16, this is all about pride. It certainly doesn't mean anything in the big scheme of things. Who will be worse? Take St. Louis to avenge their previous loss to Atlanta three weeks ago.

Pittsburgh is coming off a 37-0 victory over Baltimore. Look for similar destruction this week as the Steelers beat the Bengals.

Denver-K.C., two of the best teams in the AFC: talk about a prime-time matchup. For both teams this is what it is all about. If Denver wins they will have an impressive three-game lead over the Chiefs. If K.C. can pull it out they will be right back in the race. They can't. Take Elway.

Ladies and gentleman in conjunction with the aforementioned Forty Niner watch, I am also instigating the Colts Streak of Failure. Yes, they are at 0-10 shooting for an impressive 0-11. Green Bay will kill them.

Tennessee has been up and down all season. Jacksonville should capitalize to remain tied for the lead in the AFC Central.

The Vikings choked last week against the lowly Bears but still held

on to win their seventh in a row. Take Minnesota over Detroit.

The New England Patriots are playing the Tampa Bay Buccaneers in the "could've-been should've-been" Bowl. Both teams raced out of the gates to start the season only to stumble and lose big games when they counted. Now it is time to see who is back on track. It's not the Patriots.

Eagles, Seahawks will prevail

The Eagles have been struggling this year to no end. They had high expectations and have been struggling to stay afloat. Luckily for them, since the NFC East is so bad they still have a chance, however remote. Take the Eagles over the Ravens.

The Seattle Seahawks aren't that good, but they have been winning their share of games. Take them over Ditka and the Saints.

Archrival Showdown II: The Cowboys take on their old nemesis the 'Skins in Dallas this week. For the first time in a long time the Redskins lead Dallas in the standings and they won the first meeting this season. Times are a-changin' folks. This one is going to be huge. Don't miss it. Take Washington.

After coming off an embarrassing 34-0 disgrace last week, the Panthers are looking to regroup.

Too bad the Niners are their next game. I think it is safe to say that Carolina should start looking to next year. San Fran goes 9-1.

Bill Parcells finds ways to win. Therefore, he doesn't lose too many in a row. Take the Jets over Da Bears, who can't find any way to win.

Both the Chargers and the Raiders are fading fast so this is a key game for both teams. Look for the Raiders to avenge their loss earlier this season.

Monday Night Special: More AFC East traffic jams. The Jets, the Pats, and the Dolphins are tied at 6-4 and Buffalo is a close second at

5-5 after losing to N.E. last week. Please let the Dolphins win so we don't get a four way tie going here. Talk about mediocrity. I think Marino and Jimmy Johnson will finally start to play up to par under the spotlight. Take Miami.

Last week: 11-4, season record: 90-44.

Field Hockey Players Named to NEW8 Team

By Roger Crosley
DIRECTOR OF SPORTS INFORMATION

Field hockey players Tracy Sadowski '99 and Stephanie Maifert '98 were named to the New England Women's 8 All-Conference team. Maifert was named at attack and Sadowski was a midfield selection.

Football

Running back Enrique Villavicencio '00 has been named the Eastern Collegiate Football Conference Offensive Player of the Week. Villavicencio rushed for 105

yards on 17 carries with a touchdown against Division IAA Siena College on Saturday. The 13-17 loss to the Saints left MIT with a 5-4 record for the season.

Hockey

The men's hockey team opened the season with two wins over the weekend in an invitational hockey tournament at the MIT rink. The Engineers defeated the Wisconsin Wolves junior team by a score of 7-4 and followed that with an 8-6 victory over the New Hampshire Junior Bruins. John Rae '99 had a hat trick in both games to lead the Engineers with six goals. Avishai Geller '01 added a goal and four assists.

Spikers Fall to Wellesley

Volleyball, from Page 20

Engineers jumped out to a quick lead and made it look easy as they cruised to a 15-1 win in the first game.

The next two games turned out to be more of the same as MIT won 15-2, 15-9 to close out the match 3-0. The entire team contributed to the victory with Lijin Aryananda '98 leading the way with several kills and blocks throughout the match. Setter Jenn Svednson '01 came into the third game with 15 assists.

Next up in the semi-finals was Smith College, recently placed above MIT in the New England rankings. The Engineers disputed the rankings as they ripped through Smith 3-0 (15-5, 15-10, 15-13) to advance to the championship match. Jill Eich '99 led the Engineers with 19 kills, 2 service aces and 11 digs. Setter Ali Huang '00 also had a great match

with 35 assists and 5 digs.

The finals pitted MIT against nemesis Wellesley College, the only team the Engineers lost to over the last month. Despite strong play from Betsy Sailhamer '99 with 9 kills, Mayleen Ting '99 with 7 kills, Jill Eich '99 with 13 digs, and strong blocking from Katy Conley '01, Wellesley proved to be too strong and took the match and the NEW8 championship 3-0 (15-9, 15-1, 15-11). However, by beating Smith College in the semi-finals, MIT eliminated them from the NCAA Tournament and took their spot.

The first rounds of the NCAA Tournament will be hosted by Wellesley. MIT plays tonight at 7:30 p.m. vs. Wheaton College. If the Engineers win, they will then face Springfield College tomorrow at 5 p.m. The regional championship game is scheduled for Sunday at 4 p.m.

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SPORTS



INDRANATH NEOGY—THE TECH
Troy Gayeski '97 runs for a first down in Saturday's game against Siena College. MIT lost 17-13 to the Division IAA school.

Pats Hang On, 49ers Keep Winning



Chris Brocoum
SPORTS COLUMNIST

A WORD ON SPORTS

There were two big scores worthy of note from last week. First, the Patriots had their way with the Bills en route to a key 31-10 victory. The victory could be just the jolt they need to get back on track after losing several big games recently. They managed to stay alongside the Dolphins who defeated the Jets to further the three-way deadlock atop the AFC East. So, a semi-noteworthy score was the Dolphins over the Jets 24-17 (at least for those people from either

Boston, Miami or New Jersey). However it seems to me that all of this is just demonstrating that there is no dominant team in the AFC East — no one to contend with Denver for the title.

The other noteworthy score was Jacksonville over Kansas City. This is important because it means the Broncos have a two-game lead on everyone else in the AFC. It is also important because Jacksonville is still tied with Pittsburgh in the AFC Central. But all these teams are definitely a notch below the Broncos.

There are two insignificant scores worth noting just because they demonstrated complete and utter dominance. Denver wrecked Carolina 34-0, and Pittsburgh wrecked Baltimore 37-0. I think Carolina and Baltimore now know

what it means to be caught with their pants down.

The New York Giants lost to Tennessee, beginning what will soon become known as the football equivalent of a stock market crash as the NFL readjusts for falsely inflating the Giants this season.

Finally, I admit this is a little late, but I am adding a new element to this weekly column: the Forty Niner Watch. Yes, the Niners won yet again, defeating Philly 24-12, so they are now 9-1. Six more games to go till playoffs.

Although the Cardinals are horrible this year, I will stick with my words from above and pick them over the Giants. Also, if the Giants lose then the 'Skins will be in first.

Brocoum, Page 19

Athletes of the Week

The Athletes of the Week feature, sponsored by the MIT Varsity Club, returns to the sports pages of *The Tech* with this issue. It will normally run in Tuesday issues.

This week's star athletes represent two big fall sports. Cross country runner Debbie Won '01 placed second (18:04) in the 3.1-mile race at the New England Women's 8 Championship on Nov. 2. Kevin Trexler '98, a defensive end for the football team, had 10 tackles (9 unassisted), a tackle for loss, a caused fumble, a recovered fumble, and an interception which he returned 31 yards to set up for a touchdown in a game against UMass-Boston on Nov. 1.



THOMAS E. MURPHY—THE TECH

Debbie Won '00
Cross Country

Age: 19
Major: Electrical Engineering
Hometown: Chapel Hill, N.C.
Years playing sport: 6
Most memorable moment:
Winning the 4x800 meter relay state championship my senior year in high school.
Other sports: outdoor track, soccer, basketball
Future plans: graduate school
"It's been really exciting this season to see the times of all the girls on our team drop so much, but the competition from other teams has also been getting fiercer."



THOMAS E. MURPHY—THE TECH

Kevin Trexler '98
Football

Age: 22
Major: Mechanical Engineering
Hometown: West Chester, Penn.
Years playing sport: 10
Most memorable moment:
Beating Assumption College for the first time ever on their field last year in overtime.
Future plans: Naval Officer
"Football has given me the opportunity to meet and befriend people from around campus who share a common interest in both academics and athletics. Football and other athletics help bring people together at our normally segregated campus."

Spikers Clinch Spot In NCAA Tournament

By Paul Dill
TEAM COACH

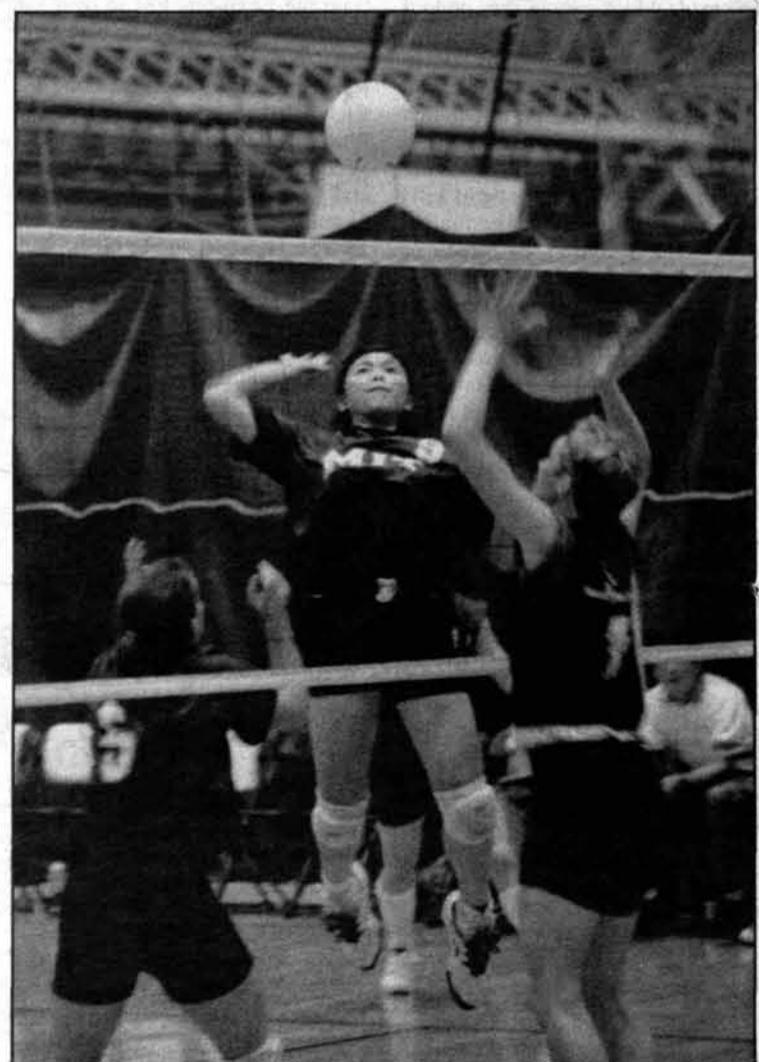
After finishing second in the New England Women's 8 Conference Tournament this past weekend, the women's varsity volleyball team clinched a spot in the NCAA Division III tournament.

MIT became one of 48 teams

across the country selected by the NCAA to compete in this post-season tournament.

In the quarterfinals of the NEW8 tournament last Thursday, second-seeded MIT hosted seventh-seeded Mount Holyoke College. The

Volleyball, Page 19



AJAI BHARADWAJ—THE TECH
Lijin Aryananda '98 gets ready to spike the set in the last home game of her MIT career. MIT beat Mt. Holyoke 3-0.

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