

6.270 Robots to Battle Today

By Douglas E. Helmburger
ASSOCIATE NEWS EDITOR

Contestants in this year's 6.270 Autonomous Robot Competition breathed a sigh of exhaustion yesterday evening in Room 38-600 as their robots were impounded for today's contest.

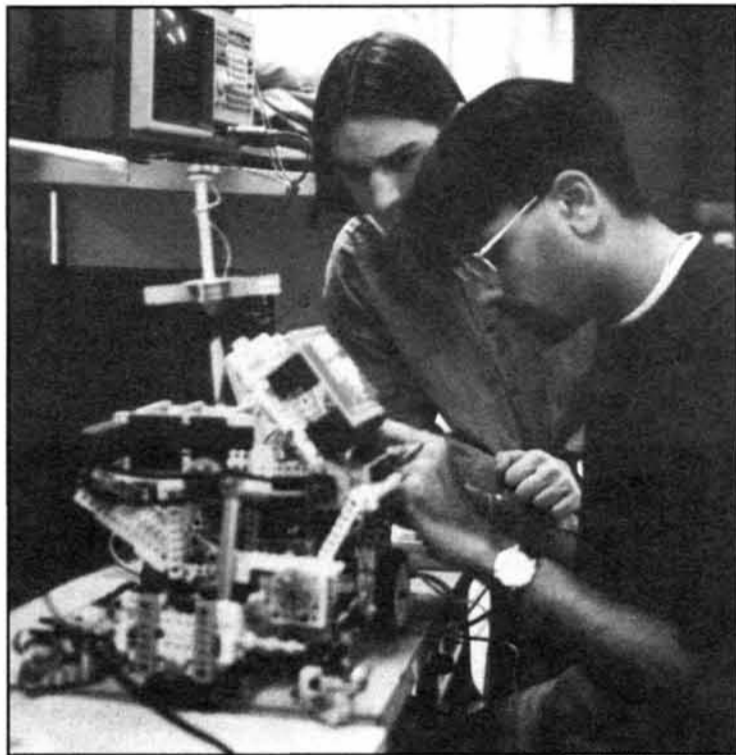
Following just over three weeks of building and testing, teams began qualifying Monday night. The two-round competition will be held today in Room 26-100.

Because 50 teams are participating in this year's contest, up from 40 a year ago, a preliminary round of competition will take place this morning at 11 a.m. in 26-100.

The final round of competition begins at 6 p.m. in 26-100. Organizers recommend arriving before 5:30 to gain a seat in the room.

Because the normal overflow room, 34-101, is being used for another lecture, overflow space will not be available this year. However, the contest will be professionally broadcast on MIT Cable, Channel 8.

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CHUN HUA ZHENG—THE TECH

Joshua D. Kaufman '00 and Dharmesh Mehta '99 prepare their robot, "I am Tiger Woods," for tonight's RoboGolf competition in 26-100.

Dickson Set To Retire After 40 Years at MIT

By David D. Hsu
NEWS EDITOR

After working for five MIT presidents, Senior Vice President William R. Dickson '56 will retire on June 30.

Dickson supervises several offices including Physical Plant, the Campus Police, the Planning Office, and Insurance and Legal Affairs.

Dickson has a very long association with MIT. "I've been around MIT most of my life," he said. "I've always been interested in what I've been doing."

Since graduating from MIT with a degree in building engineering and construction in 1956, Dickson has spent all but two years working for MIT. He spent those two years working for Avco Corporation.

Dickson returned to the Institute in 1960 to become an assistant to the director of Physical Plant. He later became director in 1971, vice president for operations in 1980, and senior vice president in 1982.



DAN RODRIGUEZ

Senior Vice President William R. Dickson '56 will be retiring this spring after a long career with the Institute.

But after such a long tenure of service, it "seems like its about time to get another generation of people into the management of MIT," Dickson said.

In September, Dickson underwent heart bypass surgery after suf-

Dickson, Page 10

Student Art Association Classes Spur Creativity

By Baruch Feldman

The students in Susan Anderson's "Life Drawing: from Klutz to Genius" class peered forward and frowned. They'd never worked with color oil crayons before and were scrambling to recreate what they saw before their time in the class ended.

The Klutz class, held last Monday, was one of many offerings by MIT's Student Art Association this Independent Activities Period. Every year, SAA provides students with choices among ceramics, photography, and drawing and painting courses, said Director of the Student Art Association Edward McCluney.

But this January student response has been overwhelming. McCluney's office has been forced to turn away more students than it has in a decade. What's more, McCluney has seen the enrollment in SAA courses rise from 35 percent students and 65 percent faculty and their spouses up to 75 percent or so MIT students this year. Our student body is definitely "getting more well-rounded," he said.

Eto S. Otitigbe '99 may well be proof. Otitigbe, known on campus for his exhibit in the Student Center, "The Suntoucher Tragedy," started his collegiate art career when he wandered into SAA during his freshman year.

"A lot of people here are creative," Otitigbe maintained. But he

complained that an MIT education only does a good job teaching the scientific side of creativity. Speaking of his mechanical engineering major, "they want to teach you design but they don't teach you to draw."

To Otitigbe, his art and engineering are just components of the same whole. The inventor, he explained, has the same goal as the artist — to make a design that produces "the desired effect."

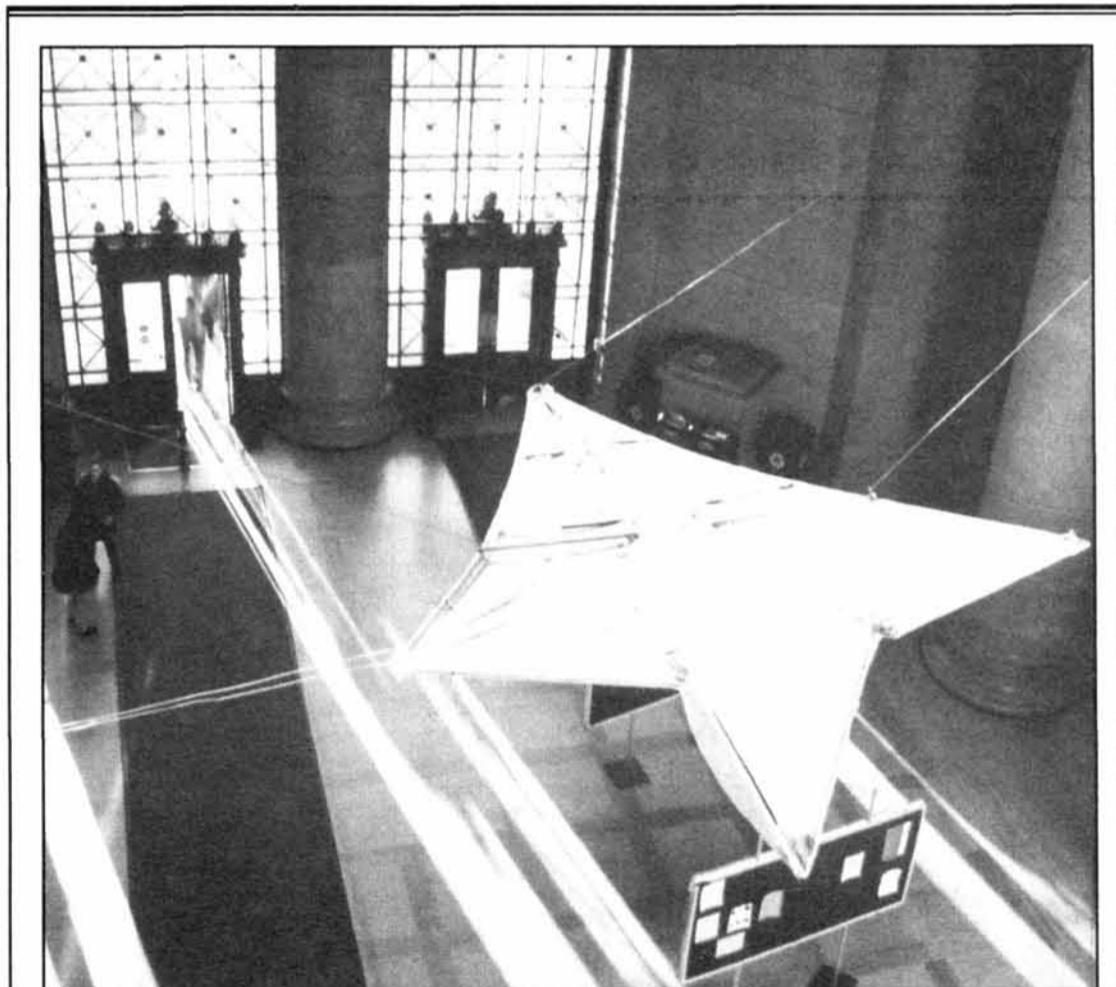
Otitigbe has created art since high school, but he discovered his love for linoleum printmaking when he watched McCluney doing it. McCluney, a practicing artist, often does artwork in the office precisely so he can inspire the students to come "out of the closet" — that is, to try it for themselves.

An unlearning experience

Anderson teaches her students to draw — but first she has to teach them to see. "We all come equipped with a lifetime of experience. A six-year-old" would be more creative than most college students, she said.

Anderson's students are asked to unlearn the "preconceptions" they've picked up since kindergarten. A work can be pretty, she pointed out, but contain preconceptions that distract from what the artist really saw. There is no mistaking a good picture, though. "You feel like God on the seventh day," she said.

Incidentally, both McCluney and Anderson have had substantial education in science. Both came to MIT because they liked the idea of introducing scientists to art. "I said, Whoa, what a great place," McCluney remembered.



WAN YUSOF WAN MORSHIDI—THE TECH

JOLT IS MY COPILOT—A giant paper airplane cruised the skies of Lobby 7 last Tuesday.

Mark E. Sitton G

Mark E. Sitton G, a first-year graduate student in the Department of Brain and Cognitive Sciences, committed suicide last Friday at his family's home in Chico, California. He was 23.

A spokesman for the Butte County Sheriff's Department told the MIT Campus Police that they received a phone call from Sitton Friday afternoon and immediately went to his home. When they knocked on the door and received no response, officers entered. They found Sitton's body, a gun and a note, according to the spokesman.

Sitton majored in applied mathematics as an undergraduate at the University of Colorado-Boulder. At MIT, he was a resident of Tang Hall.

Professor Mrigarka Sur, interim head of the Department of Brain and Cognitive Sciences remem-

bered instructing Sitton in 9.011 [Principles of Neuroscience]. "He sat in the front row of my class and he did well in the course. He was very engaged and he asked interesting questions. He was a pleasant young man," Sur said.

Representatives from Counseling and Support Services, Sur and Professor Gerald E. Schneider PhD '66, head of the department's graduate committee, met yesterday with faculty, staff and students in the department.

Medical Department personnel as well as members of the Counseling Office will be available for all members of the community in need of counseling.

Sitton is survived by his parents, Gary and Judy, and a sister, Holly. The funeral is scheduled for today at the Bidwell Chapel in Chico.

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Notice

This is the last Independent Activities Period issue of *The Tech*. Regular Tuesday-Friday publication will resume with next Tuesday's issue. The issue, the first in volume 118, will include the 13th annual Year in Review supplement.

WORLD & NATION

Kaczynski's Deal Blocks State Murder Charges Against Him

WASHINGTON POST

SACRAMENTO

Taking a swipe at the U.S. Justice Department for negotiating with the Unabomber, Sacramento District Attorney Jan Scully said Tuesday she cannot prosecute Theodore Kaczynski on state murder charges, though she'd like to.

After last week's plea bargain between Kaczynski and the federal government, state and local authorities said it was unlikely under California law that state charges could be pursued, but wanted time to research the matter.

On Tuesday, Scully said her analysis showed that a person convicted in another jurisdiction cannot be prosecuted for the same crimes in California.

The plea bargain, in which Kaczynski pleaded guilty to a 10-count indictment in Sacramento and a three-count indictment in New Jersey, saves him from the death penalty. He faces the prospect of spending the rest of his life in prison when he is sentenced May 15.

"One who kills with such malice, planning and cold premeditation should face a jury to determine the penalty he should suffer," Scully said.

World Health Organization Nominates Norwegian

THE WASHINGTON POST

GENEVA

The World Health Organization on Tuesday nominated Gro Harlem Brundtland, the former prime minister of Norway, to be the next director general of the agency, which is headquartered in Geneva.

If Brundtland, a 58-year-old physician, is elected by the WHO's full membership in May, she will become the first woman to head the organization. Of the original seven candidates for the position, she was viewed as the one most likely to reform the organization.

A senior U.S. government official, monitoring the nomination in Geneva, said many members of the WHO professional staff emerged from their offices and cheered when Brundtland's nomination was announced.

The WHO provides technical expertise to many countries; helps track disease outbreaks; coordinates global projects, such as the current effort to eradicate polio; and helps direct aid agencies' donations to high-priority health problems. In recent years, however, many experts have come to believe the organization was failing to use its prestige and power to better the lives of the world's neediest people.

The United States currently does not have a seat on the WHO executive board. Two weeks ago, however, it announced that it favored Brundtland.

Clinton Proposes New Inspection System for Bio-Weapons

THE WASHINGTON POST

WASHINGTON

Prompted by fresh worries about Iraq's ability to wage germ warfare, President Clinton announced new U.S. proposals Tuesday night for adding an international inspection system to a treaty banning biological weapons. The move represented a breakthrough after months of disagreement within the administration over how to bolster the 1972 Biological and Toxic Weapons Convention.

The Defense and Commerce Department officials had for some time resisted measures that they consider too intrusive. The U.S. pharmaceutical industry, which would be the focus of any inspection regime, also has opposed opening their facilities in ways that could jeopardize trade secrets.

Now with a unified position, administration officials said Tuesday they expected U.S. negotiators to take a more active role in international talks, underway in Geneva since 1995, to draft a protocol for the biological weapons treaty.

"We must act to prevent the use of disease as a weapon of war and terror," Clinton said in the prepared text of his State of Union message. "The Biological Weapons Convention has been in effect for 23 years. The rules are good, but the enforcement is weak and we must strengthen it with a new international inspection system to detect and deter cheating."

WEATHER

Grazing by

By Gerard Roe

STAFF METEOROLOGIST

The weather for the next few days will be dominated by the convergence of two weather systems. A very large and powerful storm developing off the coast of the Carolinas will head out to sea before impacting on us too much. The glancing blow will however bring strengthening winds towards evening and a likelihood of an overnight flurry or sprinkle along the coast. In the wake of the departing storm temperatures will fall a little as the colder air is drawn southward, and an Alberta clipper-like storm will move in from the west bringing some flurries Thursday night and Friday morning. The skies do not look like clearing much before the weekend.

Today: Mostly cloudy. Winds out of the east becoming blustery during the afternoon. High 38°F (3°C).

Tonight: Windy. Chance of a flurry or a sprinkle in the evening. Low 30°F (-1°C).

Thursday: Continued mostly cloudy. Winds out of the north. Chance of an overnight flurry. High 39°F (4°C). Low 28°F (-2°C).

Friday: Chance of a flurry early. Then clearing. High around 35. Low around 25°F (-4°C).

In Midst of Turmoil, Clinton Pledges an Activist Agenda

By John F. Harris

THE WASHINGTON POST

WASHINGTON

President Clinton Tuesday night presented a glowing review of a nation at once wealthy and secure because of his policies and pledged to devote the rest of his term to an activist agenda aimed at creating, "An America which leads the world to new heights of peace and prosperity."

This triumphant message was delivered by a president gravely imperiled by personal turmoil. For days, White House aides said they agonized over whether Clinton should mention the controversy and whether what is ordinarily the paramount occasion for a president to speak directly and at length to citizens would be irreparably tarnished. But instead they decided Clinton would try to turn attention away from his personal travails and toward his public agenda.

Speaking to a joint session of Congress, Clinton began his address with a dramatic gesture concerning Social Security. Clinton sternly warned Congress against using budget surpluses created by the roaring economy for tax cuts or spending until the long-term solvency of the retirement program is assured.

"Save Social Security first," Clinton declared. He endorsed a series of non-partisan forums this year to build political support for reform, then said he would convene congressional leaders a year from now to craft legislation. "I urge all Americans to join us — in facing these issues squarely, and forming a true consensus on how to proceed," Clinton said.

More immediately, Clinton appealed for an increase in the minimum wage, though he did not endorse a precise amount by which the current \$5.15 per hour wage should be raised. "Because these times are good, we can afford to take one simple, sensible step to help millions of workers struggling to provide for their families," the president said.

In contrast to a generally sunny assessment of America's domestic health, Clinton had dire words about two overseas crises: in Iraq, where administration officials have warned that a military strike could come within two weeks; and in Pacific Rim nations suffering steep downward slides in their economies.

Clinton said Iraq must stop thwarting U.N. inspectors searching for biological, chemical and nuclear weapons programs, at one point addressing Iraqi president Saddam Hussein directly: "You can not defy the will of the world. You have used weapons of mass destruction before. We are determined to deny you the capacity to use them again."

Noting the recent financial crises in countries such as Indonesia, South Korea, and Thailand, Clinton acknowledged that many Americans do not see how such problems affect them. But he said the interconnectedness of the global economy means that stemming recessions and currency crashes in Asia is "the right thing to do for America."

Delivering the Republican response, Senate Majority Leader Trent Lott, R-Miss., predicted that the battle over taxes and the intrusiveness of government would dominate the 1998 agenda, an election

year in which partisan control of the House is expected to be closely contested.

"Big government or families?" Lott asked. "More taxes or more freedom?"

Clinton also said he is hoping for bipartisan solution to another issue: whether to enact a comprehensive settlement with the tobacco industry. As he has announced previously, Clinton endorsed using a combination of taxes and sanctions on the industry to raise the price of cigarettes by a \$1.50 a pack over the next ten years.

Clinton is counting on passage of a tobacco settlement — which most independent observers consider a highly questionable prospect — to raise some \$65 billion in new money for the government over the next five years, budget officials said. He is counting on much of this money to pay for new domestic initiatives this year.

Nearly all of these new proposals had been rolled out previously, in appearances by Clinton or in selective leaks by administration officials. Taken together, they represent the most expensive and comprehensive domestic agenda that Clinton has put forward since Republican captured control of Congress in 1994.

Clinton said the budget he will formally present to Congress next week includes more money to help local schools hire teachers, reducing class size in the process, and more money to modernize and build new schools. He also wants to increase tax credits to help low- and middle-income working parents subsidize the cost of child care.

Albright to Urge Use of Force Against an Uncooperative Iraq

By Thomas W. Lippman

WASHINGTON POST

WASHINGTON

Secretary of State Madeleine K. Albright will travel to Europe and Saudi Arabia beginning on Thursday with the message that the United States sees no alternative to military force if Iraq does not comply with U.N. Security Council efforts to end its weapons development program, senior U.S. officials said Tuesday.

In addition, Defense Secretary William Cohen is planning to travel to the Persian Gulf region early next month to consult Saudi Arabia and other countries once President Clinton has made a final decision to pursue military action, Pentagon spokesman Kenneth Bacon said. That decision could be made as early as Wednesday, once the President's State of the Union address is behind him, officials said.

In a warning to Iraqi President Saddam Hussein in remarks prepared for the delivery in his speech Tuesday night Clinton said, "I speak for everyone in this chamber, Republicans and Democrats, when I say to Saddam Hussein: You cannot defy the will of the world. You have used weapons of mass destruction before. We are determined to deny you the capacity to use them again."

Iraq's refusal to cooperate with U.N. inspectors assigned to look for such weapons triggered the latest confrontation between the Security Council and Iraq. Last week Richard Butler, the Australian diplomat who heads the United Nations Special Commission (UNSCOM) told the security council that Iraqi intransigence made it impossible for his teams to do their work.

Cohen, Albright and the president's other senior advisers on international affairs met at the White House Tuesday to discuss Iraq for the third time in four days. Nothing they or their spokesmen said indicated any change from the strong signals the administration emitted last weekend that without Iraqi compliance military action is inevitable.

A diplomatic solution is still preferable, Bacon said, but "so far diplomacy has not been successful."

Bacon noted that "there obviously are a number of ways to deal with the weapons-of-mass-destruction challenge. One is to go after the stockpiles themselves. Another is to go after the way they're delivered. A third is to go after the production facilities and the facilities that are associated with production. Those are all things that we would look at."

With the decision to use force apparently all but final, officials are now turning to questions of when attacks might occur and against what targets. Besides the Albright and Cohen trips, British Prime Minister Tony Blair, Washington's strongest supporter in the face-off with Saddam Hussein, is due in Washington Feb. 5.

Bacon said it is unlikely that U.S. ground troops would be used, indicating that the campaign will be conducted by U.S. combat aircraft based in the Persian Gulf region and aboard aircraft carriers.

The United States has two carriers in the Persian Gulf. There will be a brief period in February when three carriers will be in the region as one arrives to relieve another, but Bacon said that "under all reasonable or expected scenarios, two car-

riers will be enough to do the job."

Albright will confer with her French, Russian and British counterparts on Friday and Saturday, officials said. Then she will fly to Israel for a new round of meetings with Prime Minister Benjamin Netanyahu '76 and Palestinian Leader Yasser Arafat, who were in Washington last week to hear new U.S. suggestions for resolving the impasse in their peace negotiations.

Then Albright will turn her attention back to Iraq, traveling to Saudi Arabia and probably to Kuwait and Bahrain, the countries most threatened by Iraq and most closely associated with the U.S. effort to contain Iraq.

Albright, Cohen and other officials have stated repeatedly time and time again that the U.S. objective is to obtain Iraqi compliance with Security Council resolutions adopted after the 1991 Persian Gulf war requiring the destruction of Iraq's nuclear, biological and chemical weapons and of its ability to manufacture them. But many foreign officials believe that Washington's true objective is the downfall of Saddam Hussein and his methods.

"Few doubt that there is going to be a military strike, but we can't say whether we would support or not because we don't know what they are going to do or what the objectives are," an Arab ambassador said Tuesday. "Another strike against the infrastructure will not have support, because that would be a strike at the people of Iraq, who are not to blame. If the strike is aimed at Saddam, at his palaces, at the Republican Guard, then that's different, but the U.S. has to clearly differentiate."

First Lady Claims 'Right-Wing Conspiracy' Behind Scandals

By Howard Kurtz
THE WASHINGTON POST

WASHINGTON

When Hilary Clinton charged Tuesday that there is a "vast right-wing conspiracy" working against her husband, she had no shortage of enemies in mind.

From the *American Spectator* to the British tabloids, from Vince Foster conspiracy theorists to television evangelist Jerry Falwell, the Clintons have been under siege by conservative critics and a phalanx of allies in the press.

The virulence of their animosity toward the Clintons is suggested by radio host G. Gordon Liddy's disclosure that he used pictures of the president and first lady for target practice. The conservative *Spectator* has depicted Hillary Clinton as a broomstick-riding witch. Other critics have denounced the first couple as immoral and corrupt and predict-

ed their eventual indictment.

At times, the charges have grown so wild that mainstream conservatives have tried to distance themselves from the extreme accusers. Some of the allegations, such as the supposed presidential scheme to sell Arlington National Cemetery grave sites to donors, have been discredited.

But the high decibel level of these Clinton detractors does not necessarily mean they're working in tandem as part of an orchestrated "conspiracy." Nor does it provide an explanation for every charge against the White House, from Whitewater to campaign fund-raising abuses, that has been investigated by prosecutors and the press.

The case involving Monica Lewinsky includes several people who are considered hostile to President Clinton. It brings together the long-running Whitewater inves-

tigation of independent counsel Kenneth W. Starr, who was called "politically motivated" by Hillary Clinton on NBC's "Today," and the harassment suit by Paula Jones.

But the Lewinsky matter also differs from many of the past episodes in important respects. The news that Starr is investigating allegations that Clinton had a sexual relationship with the former White House intern and lied under oath about it was broken by mainstream news organizations — *The Washington Post*, ABC, *Los Angeles Times* and *Newsweek* — not by the conservative press.

"Blaming a conspiracy seems to be in American politics the last refuge of the intellectually lazy or timorous," said R. Emmett Tyrrell, editor of the conservative *American Spectator* and author of "The Impeachment of William Jefferson Clinton."

Japan's Finance Minister Ousted Following Accusations of Bribery

By Sonni Efron
LOS ANGELES TIMES

TOKYO

Japanese Finance Minister Hiroshi Mitsuzuka resigned Tuesday, a day after prosecutors swooped into the powerful ministry to arrest two key officials for allegedly taking bribes from the banks they regulated.

Mitsuzuka quit under fierce pressure from a suddenly united opposition, which was poised to extract maximum political mileage from the exposure of corruption in the very agency that is charged with extricating Japan from its current financial troubles.

Tuesday began with a threat from opposition leaders to boycott the Parliament session that is supposed to be devoted to passing vital financial stabilization legislation,

including a tax cut intended to revive the moribund Japanese economy. Next, prosecutors launched fresh raids on four banks accused of trying to buy off their Finance Ministry regulators with lavish meals, golf games and various other favors.

Within hours, Mitsuzuka's own Liberal Democratic Party realized that, politically speaking, a human sacrifice would be needed to quell the outrage before it threatened financial stability and the campaign for the upper-house parliamentary elections to be held in July.

By 6 p.m. Tuesday, Mitsuzuka — an LDP warhorse who has served as minister of transport, international trade and industry, and foreign affairs — was headed for Prime Minister Ryutaro Hashimoto's residence to resign.

"Hashimoto has chopped off the finance minister's head in order to save his own," said Eiichiro Suganuma, an editor at the *Asahi* newspaper. "However, his inner moat has been filled up with dirt. Now he's defenseless."

Mitsuzuka, Japanese media reported, will be replaced at least temporarily by Sohei Miyashita, another LDP veteran who was a Finance Ministry bureaucrat and then defense minister.

The Japanese stock and currency markets, which had been recovering from the turmoil in Asia and in the domestic financial sector, lost ground Tuesday.

But analysts said the markets will not pine for Mitsuzuka as long as the LDP can push through its financial stabilization package without him.

Law Redefines Child-Protection Policies in Place Since '80

THE WASHINGTON POST

WASHINGTON

On Nov. 19, President Clinton signed into law the Adoption and Safe Families Act of 1997, the most significant change in federal child-protection policy in almost two decades. Half the states already had enacted similar laws in response to public alarm over cases of gross child abuse in homes supposedly supervised by local child-protection authorities.

The law shifts the emphasis of child-welfare policy set by major legislation in 1980, when research indicated that many children had been placed in foster care unnecessarily in the 1970s. The 1980 law demanded that local authorities make "reasonable efforts" to preserve biological families before placing a child in foster care or freeing a foster child for adoption.

During the lengthy, contentious 1997 debate, lawmakers declared that local officials and judges had widely misinterpreted the 1980 law and were making unreasonable efforts to keep children with unfit parents. A consensus formed that children were wasting formative years in foster care; the median length of stay grew from 15 months in 1987 to more than two years in 1994.

The new law explicitly states that the "paramount concern" of all child-protection efforts must be the health and safety of children, overriding the reasonable-efforts requirement in some cases — specifically if parents have grossly abused or abandoned a child.

Virginity Testing Debated in Turkey

THE WASHINGTON POST

ANKARA, TURKEY

The importance of the virginity of an unmarried girl to a family's honor goes to the heart of Turkey's traditional moral code. But recent suicide attempts by five girls seeking to avoid a forced virginity examination have sparked a public outcry. The five girls involved in the suicide attempts, ages 12-16, took rat poison and then jumped into a water tank rather than face the tests. They survived and the virginity tests were carried out in their hospital beds.

Women's rights activists were infuriated when Isilay Saygin, state minister in charge of female and family affairs, defended mandated medical examinations to verify the virginity of girls in state-run foster homes. "If girls commit suicide because of virginity tests, they would have committed suicide anyway. It is not that important," Saygin was quoted as saying in a newspaper interview — which she later said misinterpreted her remarks. Stating that she opposes a ban on virginity controls, Saygin argued that such tests were needed to help guide young people's behavior.

The case of the five girls who attempted suicide after the director of their state foster home ordered them to undergo virginity tests when they returned late to their dormitories one night has fueled a campaign elsewhere in the government, led by Human Rights Minister Hikmet Sami Turk, to ban such tests, except in court cases involving sex crimes.

Physicians interviewed in one study said many young women seek the tests themselves. Some interpret this as an indication of the pressure many women feel in a society in which an unmarried woman discovered not to be a virgin risks being ostracized by her family or losing a chance to get married.



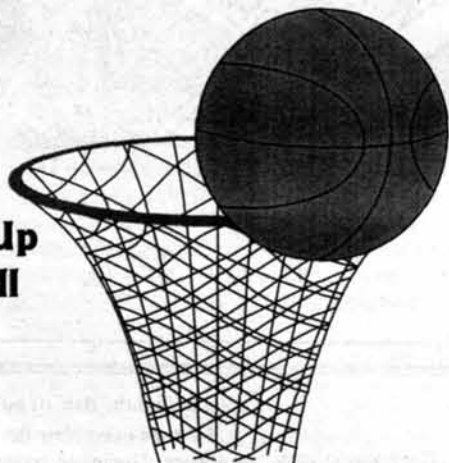
Graduate Student Council

Walker Memorial, 50-220 (617)253-2195 gsc-request@mit.edu www.mit.edu/activities/gsc



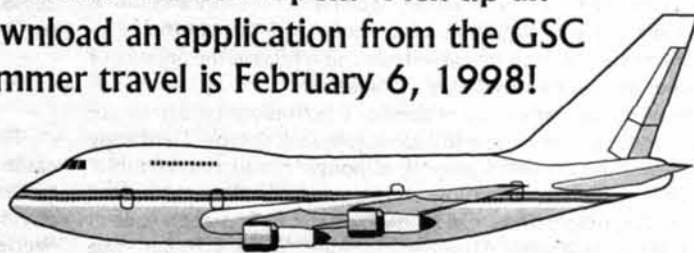
The GSC is currently engaged in negotiations which may significantly reduce the prices of the **graduate class ring** (the Brass Rat) for this spring. Stay tuned!

Thursday January 29th
6-10pm, Rockwell
**Graduate Student Pick-Up
Basketball and Volleyball**



Come one, come all. Meet other graduate students. Get a little sweaty! Teams will be formed on a first come-first serve basis and will rotate on and off the courts all evening.

The Graduate Student Council **Travel Grants** are now open! Pick up an application from Room 50-220, or download an application from the GSC homepage! Deadline for spring and summer travel is February 6, 1998!



JANUARY
29 Academics, Research & Careers Meeting *

FEBRUARY

- 3 Funding Board Meeting *
- 4 General Council Mtg. *
- 6 Spring Orientation Social *
- 11 Activities Meeting *

* at 5:30 PM in Rm. 50-220. All graduate students are welcome. Food is provided.

The Student Advantage cards are still available at the GSC office for FREE (\$25 value)!

OPINION

The Admissions Answers

During the last few months affirmative action in admissions has come under fire from a variety of corners, including most recently a column in the *Faculty Newsletter* by Kerry Emanuel '76, professor of earth, atmospheric, and planetary sciences.

Editorial

Unfortunately, much of this discussion has taken place without a good review of what MIT's admission policies actually are. Before a dialogue can take place, members of the community should be aware of what policies constitute the status quo.

If the current affirmative action policies in admissions are attended by a good deal of confusion, the complexity of those policies are partly to blame. Although many students may be under the impression that admission to the Institute is based primarily on college board scores and grades, this is not the case. The admission board breaks the information in the application into two groups, quantitative and qualitative. The quantitative score is figured by computer, and the subjective part is determined by application readers. Grades, class rank, and test scores figure prominently in the quantitative half of the analysis.

The qualitative score, however, rests primarily on questions of community involvement and academic ambition. Application reviewers try to determine, for example, if applicants distinguished themselves in an activity outside of academia. MIT looks at community involvement and academic excellence in roughly the same proportions. The purpose of this is to bring students to MIT who will both succeed academically and contribute something to the Institute community.

Where does affirmative action enter the picture?

Affirmative action in admissions is primarily seen in MIT's recruitment process. MIT recruits heavily among women, underrepresented minorities, and so-called "academic superstars" — those handful of students who have distinguished themselves in nationally recognized science contests. Recruitment takes many forms, both subtle and obvious. Programs such as Interphase and Campus Preview Weekend provide tangible events to encourage prospective candidates to apply or come to the Institute, while small changes in admissions literature and videos play a less dramatic role.

The current affirmative action policy in admissions is a balanced and appropriate way of bringing a diverse group of qualified students to campus. MIT does not lower its standards or subject applicants to different standards, nor does it abide by any system of quotas for women or underrepresented minorities.

That having been said, it is unfortunate that the Admissions Office has made little effort to participate in the current discussions and clarify its policies on affirmative action in admissions. Students and faculty alike are concerned about whether MIT's policies in this area are appropriate. Clarification from the Admissions Office may not end the debate, but it will allow it to proceed in a more informed manner.

MIT's affirmative action policies in admissions represent a balanced approach to attracting the best possible students to campus. It is unfortunate the incipient dialogue on affirmative action has been left without the benefit of a more concrete statement on its behalf from those who know the process best.



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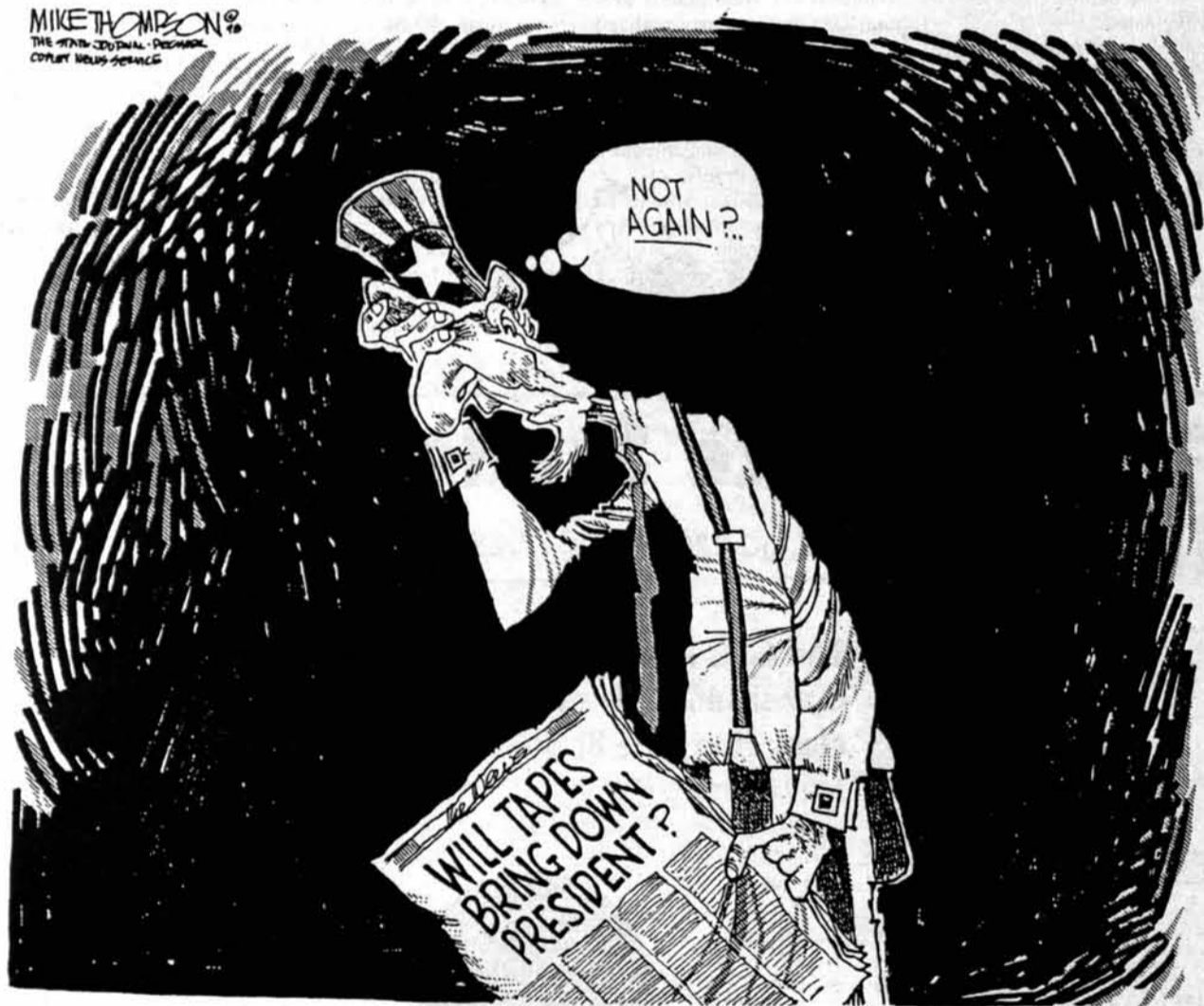
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Character Matters

America Has Forgotten the Value of Integrity

Anders Hove

The allegations against President Clinton have provoked a great deal of indignation among Americans — interestingly, indignation expressed at a wide variety of sources, including the president, his accusers, the special prosecutor, and, above all, the press.

Yet the entire scandal has once again exposed American political institutions to a greater threat, a threat that will be sustained even if Lewinski's allegations are ultimately rejected. The threat is that each year fewer and fewer Americans look to political leaders for leadership.

The slow erosion of political leadership has insidious ramifications for the future of America, democracy, and, ultimately, the ability of political systems based on personal freedom and collective choice to sustain themselves.

A couple of questions first need answering: Is political leadership eroding over time? If it is, what has caused the erosion, and who is to blame? Lastly, what should we do about it, if anything?

The strength of political affiliation in America has declined considerably over the past century. Fewer people consider themselves a part of a political party, and those who do are more weakly affiliated than before. The primary method of contributing to a campaign used to be direct involvement, through pledging a vote, attending demonstrations and rallies, and speaking directly to others. Now grass roots campaigns are a thing of the past; impersonal, monetary contributions, which are needed to fuel television advertising campaigns, are paramount.

Voter turnout has experienced a long decline over the last century, to the point where a majority of Americans now choose not to vote. Each presidential election year, fewer people tune in to the parties' political conventions. Each year, fewer schoolchildren express a desire to become president.

Interest in political campaigns has also waned. A tickertape parade in New York thirty years ago could draw over a million spectators; now political leaders typically do not figure in parades at all. When candidate Harry S. Truman visited Boston on a campaign swing in 1948, a quarter million people turned out just to watch his motorcade drive down Storrow Drive. When Clinton campaigned here at the height of the 1992 political season, barely 30,000 showed up, even if you include clagues brought in by the campaign to fill out the crowd size. Both of these campaign events occurred during the age of television, when people had the option of seeing the candidate other than in person.

In the past, local officials made every effort to associate themselves with regional and national political figures. Candidates sought coattail effects, even when the national candidate of their own party was trailing in the polls. Now candidates often seek to dissociate themselves from the national campaign, from the president, or from controversial political leaders, for fear that association with national leaders will do more harm than good.

So many things have changed in American society over the last century that it would be foolhardy to ascribe all of these facts to a single set of causes. But together they paint a picture of a nation that has lost faith in political figures.

Although it may be impossible to point to specific causes for this change, it is possible to point to the Watergate scandal as a watershed in America's thinking about its leaders. In this day and age of constant scandal that the presidency was once perceived as above scandal. Richard Nixon's greatest defense against his inquisitors was that the press and the courts had no right to impinge on his "executive privilege," and that, if they did, the institution of the presidency would be destroyed.

Fortunately Nixon's conception did not prevail, and the presidency was not exempted from the laws of the land. Since that time, every presidency has experienced some sort of investigation, and all but Ford's have been subjected to the scrutiny of special prosecu-

tors. Since Watergate, the presidency has been exposed to far more press scrutiny than ever before. It is difficult to say if any specific events brought on this increased attention. It is clear that scandals sell, in spite of public griping. For another, the tale of Woodward and Bernstein inspired the great city newspapers, and the networks that trail their news cycles, to take the role of public investigator more seriously.

Some trace the examination of candidates' personal lives back as far as Thomas Jefferson and Sally Hemings. But the fact is that there was a long hiatus between Grover Cleveland and Gary Hart — a hiatus that apparently spared a Harding, an FDR, and a Kennedy, if not others.

The current scandal has been made possible by changes in press scrutiny, by the Watergate rejection of executive privilege, and by Clinton's own impropriety (some of which is now a matter of record, and some of which remains only allegation). Whatever our distaste for press examination of private lives, this level of scrutiny is here to stay.

Just because an inquisitory press is here to stay doesn't mean America has to put up with public scandal. A respectable presidency — and by extension, respectable political institutions and leaders — can provide a great but intangible benefit to the people of the country. It is a benefit not many people see today, because respect for American political institutions has been on such a long decline.

Leaders have the potential to inspire, to express the noblest ideas, and, in doing so, have the potential to bring about great change. Political leadership has played a powerful role in American history. The eloquence of Washington, the Adamses, and so many others brought about a revolution in American

thought. Lincoln's eloquence brought about a new view of American values in his time. The first Roosevelt inspired a nation to back conservation; the eloquence of the second inspired a very reluctant nation to save the world from Fascism.

Strong leaders can move nations and change history, but they can also improve lives more directly, by force of inspiration, and as a means of self-expression. Democracy has the potential — a potential that has been realized in the past — to provide its citizens with a diverse set of leaders who, by speaking, writing, and doing, give society's members a means of self expression.

In a free society, of course, people can find expression however they wish — in art, music, speech, writing, or private acts. But by accepting leaders who we would not personally trust to speak for us, or accepting that as an unfortunate feature of our political system, we will essentially prevent ourselves from finding inspiration or expression in the political sphere. It is therefore correct to reject leaders who have lost all potential for inspiring us — by virtue of personal misconduct, for example — if only to send a message to future politicians that it we will not tolerate bad behavior.

If we choose instead to lower the standards of personal conduct, ignore impropriety, or blame the press for our president's troubles, we risk throwing away our political system's greatest asset — its potential to produce great leaders like the presidents of old.

Gore's Nightmare

2000 Is Shaping Up Poorly for Mr. Clean

Michael J. Ring

It wasn't supposed to happen this way for Al Gore. In an administration rocked by scandal, the Vice President was to be Mr. Clean. His ethics were beyond reproach. No one would ever doubt his character.

When 2000 rolled around, Al Gore would be blessed by the incumbent in his quest for the White House. After putting in eight years of solid, loyal service to a centrist Democrat able to build consensus and coalitions, Gore would inherit the popularity of Bill Clinton.

Al Gore spent 1997 reaping the fruits of the seeds that Bill Clinton planted. Rather than receiving praise and popularity, however, Gore is left with a handful of bitter pills: an increasingly divided Democratic Party and allegations surrounding his own ethics.

Gore is still the frontrunner among the Democrats in 2000; the nomination is still his to lose. But if Gore's performance in 1997 is an indicator of his performance in 1998, Dick Gephardt has every reason to smile.

It all began to unravel for Mr. Clean late in the 1996 campaign, when it was revealed he had attended a controversial meeting at a Buddhist temple in California. It is illegal to solicit political donations at the site of a tax-exempt religious organization, and Gore's aides have repeatedly denied the event at the Hsi Lai temple outside Los Angeles was a fundraiser. But Gore himself has said he knew "finance people" would be there and his atten-

with all the questions that plagued the Man from Hope. Wild imaginations will only wonder if Gore did in fact have any role and spread theories to an American public starving for scandal.

Even in the highly unlikely possibility that Clinton were to be impeached and evicted from office, incumbency would not be an advantage for Al Gore. Such an event would only cement the inseparable link between Gore and Clinton and give the vice president even more political baggage when he's already heavily weighed down.

As if the campaign finance scandals and the sexual harassment allegations surrounding Clinton weren't enough for Gore, he is quickly being outflanked by potential Democratic rivals in the year 2000. Divisions in the Democratic party and liberals' dissatisfaction with the Clinton-Gore record only spell more trouble for the vice president in the year 2000.

Perhaps no issue demonstrates the divide between New Democrats and liberals than the issue of trade. The Clinton-Gore administration has embraced initiatives such as NAFTA, GATT, and fast-track presidential authority as ways to expand free trade. Traditional Democrats such as Representative Dick Gephardt predicted they would threaten American workers and the environment.

Four years after the enactment of NAFTA, even its most enthusiastic supporters are forced to admit the trade pact has not lived up to its great expectations. The deal is highly unpopular among blue-collar workers and union members. Gephardt has received ovations for speaking out against the pact, while the best Gore can hope for from these groups is a polite audience. Strong support of NAFTA is not going to win votes in Rust Belt states like Ohio and Michigan that are perennial swing states.

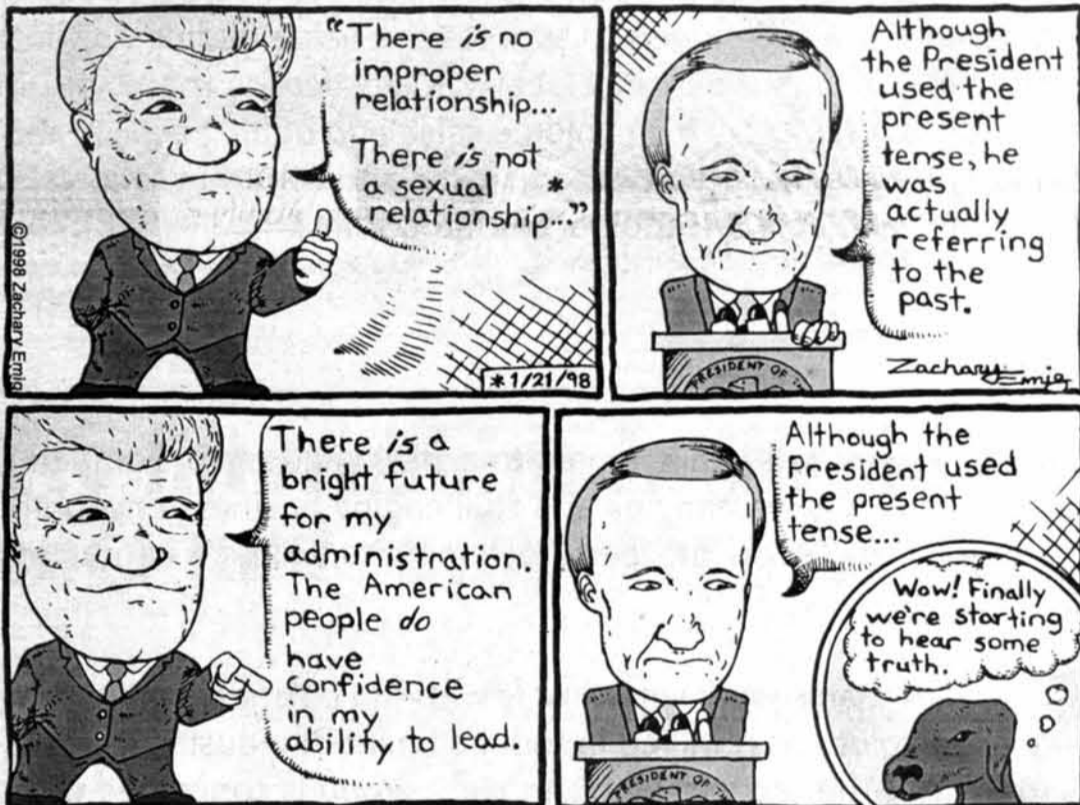
Environmentalists also have every reason to be frustrated with the vice president. In 1992 Clinton chose Gore as his running mate largely to appease the environmental community dissatisfied with Clinton's record as governor. But in the first five years of Clinton-Gore the man once known as "Ozone Man" has shifted toward the views and actions of his boss. Indeed, the administration's greatest environmental achievement has been saving existing laws from the jaws of an anti-environment, Republican Congress. Gore even visited Japan to pour cold water on ambitious European efforts to combat global warming. If Congress fails to pass the Kyoto accords, the Clinton-Gore environmental record will be a disaster.

Gephardt has also heard the conservative credo of massive IRS overhaul. He has called for a greatly simplified tax code and cuts for the poor and middle classes. Gore is loath to embrace such radical measures after the passage of the delicate balanced budget deal. If the accord does produce a balanced budget it will be one of the great accomplishments of this administration. But nobody's breaking out the black ink yet.

To further compound the vice president's problems, there is a reasonable possibility that Dick Gephardt will be speaker of the house come January 1999. Normally an administration would rejoice at regaining a house of Congress. But this development would give Gephardt the perfect platform to highlight the differences between his vision and the administration's. It would also give him the power to deal the administration embarrassing legislative defeats just when Gore's political future depends on victories in Congress.

Gore could benefit if too many liberals crowd the Democratic primary field. The candidacies of Senators Paul Wellstone and John Kerry would pare Gephardt's support. A run by Senator Bob Kerrey of Nebraska, however, could cut into Gore's support among conservative Democrats. And a run by former New Jersey Senator Bill Bradley may mortally cripple Gore. Moderate and maverick, Bradley has been critical of the administration and has been gaining support in early tracking polls, apparently at Gore's expense.

There are still two years until the voters of Iowa and New Hampshire enter the caucus halls and voting booths to make their presidential preferences known. But two years is not a long time in a process that began even before the last election was over. And unless Al Gore comes up with some new ideas and answers fast, his poll numbers will show whether "the Ozone hole" has taken on a whole new meaning.



dance was "inappropriate." Buddhist nuns have testified they made \$5,000 donations to the Democratic Party and were then reimbursed by the temple, an allegation that would be another violation of campaign finance law. And the nuns admitted to destroying documents, worrying they would harm the image of the temple.

Now it's Al Gore who's trying to save face. But it doesn't end there.

Apparently the Vice President also made phone calls soliciting donations from his White House office. This may violate the Pendleton Act, which forbids political solicitations in most federal buildings.

Many campaign finance laws are vaguely written and open to wide interpretation, and because Attorney General Janet Reno declined to appoint a special prosecutor to investigate Gore and it is unlikely he will face charges. But in the game of public perception, Al Gore is guilty as charged. Gore's approval rating, once in the stratospheric 60s, was at 53 percent in the latest CNN/USA Today/Gallup poll, taken at the end of October. The same poll revealed 35 percent of respondents felt Al Gore is not honest and trustworthy, a number irreconcilable with the image of Mr. Clean.

As of yet, Gore has played no role in the Monica Lewinski fiasco, which is potentially the most damaging political scandal to shake the Beltway since Watergate. But he's clearly in the fallout zone. Positioned to run as the heir-apparent to Clinton, Gore will be saddled

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We shall be running limited interview schedules on February 10th.

THE ARTS

Scoop

By Teresa Huang

Gung Hay Fat Choy! Have a happy Chinese New Year today and a happy last week of Independent Activities Period. Enjoy the freedom while you

can. Go wild.

All that Jazz. Jasmine Guy, the talented chick that played Whitley in the 1980's sitcom *A Different World*, lends her singing savvy to the national tour of *Chicago*, playing now at the Colonial Theatre. This show was rejected by audiences for being too risqué when it first hit Broadway in 1975, but with the new sexy age of theater, Walter Bobbie's

1997 revival works wonders. Call Ticketmaster for tickets or try for \$20 cash-only rush tickets, available at 10 a.m., Tuesday through Saturday, and at noon on Sunday for same-day performances. Rush seats are in the first two rows of the theater.

Not all that. I recommend avoiding *Miss Saigon*. Powerful as the music may be, this so-called "classic love story" is nothing more

than the stereotypical story from *Madame Butterfly* masked behind fancy sets and an operatic score. The degrading portrayal of Asian women and glorification of the U.S. Army is enough to make an open-minded person sick. Skip it.

Blame it on El Niño. Due to last week's snow scare, the "How to explore career options beyond on-campus recruiting" event sponsored by Career Services has been rescheduled for Thursday, Jan. 29 at 4 p.m. in Room 4-149. Employers and alumni working in marketing, patent law, Internet publishing, transportation planning, and other fields will discuss how they found jobs in their respective fields. This informal seminar is especially recommended for those who aren't sure of their career goals.

Make your life fun. *The Game*, Michael Douglas' psychological thriller is out on video. The film has gotten mixed reviews from critics, but this critic assures you that this film rocks. Throw out your darn MIT logic for a few hours and get ready for a roller coaster of a mind screw that will leave you terrified and curious at the same time. If you don't like it, don't worry. It's just a game.

Food for the Soul. Bob the Chef may sound like an uninspired name for a cajun/creole restaurant, but it is easily the ultimate dining experience in Boston. Located past Huntington Avenue on 604 Columbus Avenue, less than a block away from Mass Ave, Bob the Chef serves soul food like you've never tasted. Spicy barbecued spare ribs, soul fish, beef and chicken livers, and glorified chicken (that's not a typo). With amazing side dishes rounding out a menu packed with down-home goodness, Bob the Chef is the place to treat your loved ones and your own appetite.

Casterbridge Place 90210. It's a story of love triangles, murder, infidelity, and a man who can't escape his past. No, it's not the O.J. Simpson trial. It's *The Mayor of Casterbridge* by Thomas Hardy. An amazingly smooth read, Hardy tells the tale of Michael Henchard, a man who sells his wife in a drunken stupor and spends the rest of his life attempting to escape his actions, only to find that he cannot. The plot is thick with betrayal and romance, leaving you impressed that the themes have remained timeless since the book was written in 1886. Check it out at the library or read the complete text at <http://www.bibliomania.com/Fiction/hardy/mayor>.



Edmund (Martin Calles '97) pleads to Gloucester (Brett Taylor '97) in an act from *King Lear* in the Shakespeare Ensemble's collage "Family Values" last weekend.

GABOR CSANYI—THE TECH

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Past summer interns have worked in the White House Office of Science and Technology, the US Department of Commerce, the US Department of Energy, the American Electronics Association, the American Association for the Advancement of Science, NASA, the American Association for World Health, the American Enterprise Institute, the Congressional Research Service, the Heritage Foundation, the Brookings Institution, the Economic Policy Institute, the National Academy of Sciences, the National Institutes of Health, the Climate Institute and the MIT Washington Office.

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Kresge Auditorium Reopens Next Week

By Douglas E. Heimbarger
ASSOCIATE NEWS EDITOR

Kresge Auditorium will reopen next week following the first phase of a \$6.3 million renovation to the building.

Over the past month, workers have been removing the asbestos ceiling from the lobby of the facility and asbestos insulation around pipes in the ground floor, said Philip J. Walsh, director of the Campus Activities Complex.

The contractor is currently installing a drop ceiling in the main lobby to cover the exposed pipes until this summer, when Kresge will close for two months while the remainder of the renovation process is completed, Walsh said.

When it reopens again just before Orientation, the main auditorium will feature new modern seating and a new theatrical lighting system. Downstairs, Little Kresge will be outfitted with an upgraded lighting system.

The entire facility will also be accessible to people with disabilities, fulfilling the requirements of the 1991 Americans with Disabilities Act, Walsh said. An elevator will connect the first and ground floors, and restroom and auditorium facilities will be modified to accommodate wheelchairs.

The life safety elements of the building — electrical and fire alarm systems — will also be completely replaced, Walsh said.

Program rooms to be updated

Space on the ground floor of the new Kresge will be reorganized to better accommodate the variety of theatre and music groups that use the auditorium and its practice spaces, Walsh said.

Because smaller mechanical facilities are being installed, more storage and practice room space may become available, Walsh said. Some of the equipment will be located in a basement facility beneath the walk to the Student Center that once housed ice-chilling equipment for an ice rink

located at the present location of the barbecue pits.

The two practice rooms in the facility will be completely renovated and will have a new suspended floor and lighting systems, Walsh said.

In Kresge Auditorium, the stage extensions that formerly had to be raised and lowered by hand will now be adjusted mechanically, said Michael W. Foley, assistant director of operations for CAC. "One of the goals is to get more events there" by decreasing the setup time for shows, he said.

Groups relocate during changes

The closure of Kresge during Independent Activities Period has caused some inconveniences for theatre groups who use the facility for rehearsal and performances.

"We pushed it off as far as we could" to avoid inconveniencing groups during the fall term, Foley said. Contractors initially wanted to close the building in one phase for the entire renovation, but the building's level of use required it to be open for both academic terms.

No major performances have been cancelled as a result of the changes, although some groups have had to adjust their schedules to accommodate the closure.

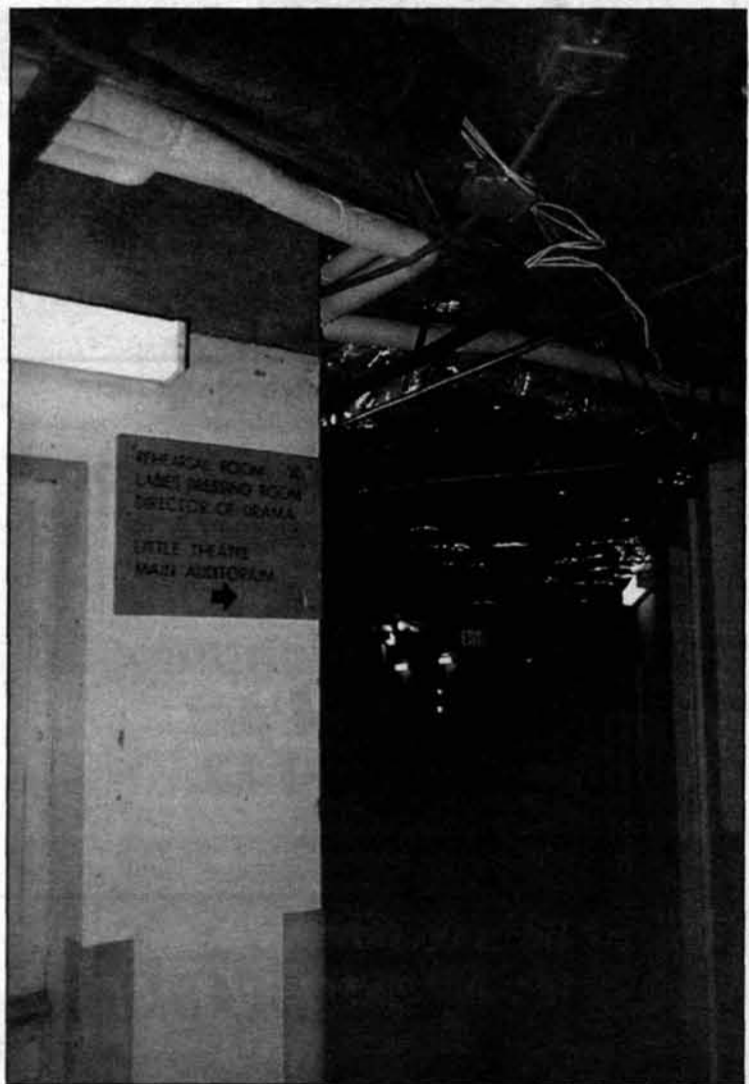
Theatre rehearsals were relocated into the fourth floor of the Student Center and to theatre arts rooms across campus, Walsh said.

Work remains to be done

Although work done over the summer will improve Kresge's facilities significantly, the CAC has identified a wish list of ideas to be included in a second phase of renovation, including new audio-visual systems in the auditorium and new mechanical systems for the building as a whole. In addition, the glass curtain wall of the building could be replaced.

While the \$3.6 million second phase has been planned, the fund-

Kresge, Page 20



GREG KUHNEN—THE TECH

With the first stage of its renovations complete, Kresge Auditorium will reopen next week. The second phase of the project will be completed this summer. Changes to the theater will include improved handicapped access, asbestos removal, and an upgraded lighting system.

Bldg. 16 Renovations Nearing Completion

By Brett Altschul
NEWS EDITOR

As anyone walking to Room 26-100 can see, the renovations of Building 16 are near completion. Workers have removed almost all the barriers blocking the hallway along the building.

The entire process should be complete by April, said O. Robert Simha, director of the Planning Office. "They're pretty close to finishing up," he said. "It's not a long way off."

Although delays plagued the renovation of the adjoining Building 56, the Building 16 project is on schedule, according to Simha.

The renovations have seen the addition of a number of features to the building. The changes will also bring the building into compliance with the Americans with Disabilities Act, said Nancy Joyce, project manager for Beacon Construction Company, the outside contractor in charge of the project.

The new features include a straight ramp between Buildings 8 and 16. The old ramp had several turns, making it somewhat difficult to navigate, Joyce said.

An elevator was also recently installed in Lobby 16. It has doors opening both on the floors of Building 16 and on the adjoining split-levels in Building 8.

Currently, the lobby of Building 16 is undergoing renovation. A new vending machine area will be constructed on the first floor, along with a new entry vestibule and loading dock. There may also be enough space for the addition of a new Athena quickstation cluster, Joyce said.

People may move from Building 20 into renovated Building 16

MIT already has an occupancy permit for Building 16. This means that, even though the renovation process isn't entirely complete, people could theoretically begin moving into their new offices and laboratories now.

Many of the new occupants of the building will be coming from Building 20, which is scheduled to be torn down this year.

Simha said that areas of the building should be accessible before the entire project is completed.

This could provide relief for many students walking across campus. No direct, entirely indoor, route from Ames St. to the main group of buildings has existed since the renovations of Building 56 began in the summer of 1995.

"It depends on when you're talking about, and when work is being done on any particular level," Simha said, about when the main hallways on the floors would open, "but I think it should be relatively soon that people will be able to walk through on a relatively normal basis."

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Health Concerns Not a Factor In Dickson's Retirement Plans

Dickson, from Page 1

went heart bypass surgery after suffering a heart attack. However, health concerns were not a factor in his retirement considerations. Dickson had decided during the summer to retire.

"I'm probably better off physically now" than last year, he said.

Involved in expanding MIT

Dickson is "most proud of how the Institute has physically developed in the last 40 years or so," he said.

"[I have been] connected directly with the growth of the Institute from a physical view," Dickson said. Since 1960, MIT has expanded from 3.5 million to 10 million square feet.

Dickson will achieve one of his goals with the demolition of Building 20, the last of the temporary structures built during World War II. The construction of Building 68 and renovation of Buildings 16, 56 has allowed people to move out of Building 20.

Dickson's office also underwent some changes. In 1996, when many of the offices under the senior vice president were moved under the Dean's Office. These student-related offices included the Financial Aid Office, the Department of

Housing and Food Services, Registrar's Office, and Bursar's Office.

"It'll work fine," Dickson said of the reorganization which is still in a period of transition. When more student services offices move into Building 11, they can work in a consolidated manner, he said.

Although he would like to finish everything he started, that is "not practical or possible," Dickson said.

Some things, like the reorganization, are still proceeding. Re-engineering of student services and other offices with which Dickson was greatly involved, is being completed. Coordinating Housing and Food Services with the Office of Residence and Campus Activities is also moving forward.

Dickson quashes protests in 1990

In one of his most controversial actions, Dickson ordered the arrests of students protesting apartheid in 1990.

The Coalition Against Apartheid had built a symbolic shanty on the lawn between the Student Center and Massachusetts Avenue. Thirty students were arrested after tensions escalated when Campus Police attempted to dismantle the shanty.

Since he oversees the Campus Police, "I'm probably the one who

ordered the arrests," Dickson said. "Any time we had to move in that direction, I felt badly that it would have to come to that."

There probably could have been steps taken to avoid the arrests, Dickson said. Both sides had good intentions, but tempers and emotions went awry, he said.

Vest will choose replacement

President Charles M. Vest will work to fill the vacancy left by Dickson's retirement.

Over the next few weeks, Vest will appoint an advisory committee to mount a national search for candidates.

"It is possible that there will be some reorganization of responsibilities in due course," Vest said.

Since many of the senior administration are of retiring age, there may be substantial changes, Dickson said.

As for Dickson's future plans, he does not have any "burning desires," he said. However, he would like to see more of the United States, particularly the western part of the country.

He will continue as chairman of the Harvard Cooperative Society and stay active in public service in his hometown of Framingham.

"Other than that, time will tell," Dickson said.



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CIVIL AND ENVIRONMENTAL ENGINEERING CAREER DAY

FRIDAY, JANUARY 30, 1998

ROOM 48-316

OPEN TO THE PUBLIC

CIVIL ENGINEERING PANEL

9AM-12NOON

- ACADEMIA
- CONSTRUCTION ENGINEERING
- GEOENVIRONMENTAL ENGINEERING
- INFORMATION TECHNOLOGY
- TRANSPORTATION
- STRUCTURAL ENGINEERING
- GEOTECHNICAL ENGINEERING



ENVIRONMENTAL ENGINEERING PANEL

1PM-4PM

- ACADEMIA/RESEARCH
- ENVIRONMENTAL CONSULTING
- GOVERNMENT
- NON-PROFIT

12 NOON-1PM LUNCH PROVIDED

Students No Longer Permitted To Enroll in 8.02 without 8.01

By Frank Dabek
ASSOCIATE NEWS EDITOR

Students will be unable to concurrently enroll in Physics I (8.01) and Physics II (8.02) next semester when the Physics Department will begin enforcing the 8.01 prerequisite to 8.02.

This decision may inconvenience up to 20 students who had planned to take both courses next semester as well as students who wished to enroll in 8.02 without having passed 8.01. The prerequisite had not been enforced in previous terms.

Associate Head of the Physics Department Thomas J. Greytak PhD '62 said that students wishing to enroll in 8.02 must have either passed 8.01 or have submitted a petition to the department signed by their adviser. "Someone has to have a very good reason" to take 8.02 without having first received credit for 8.01, Greytak said. "A prereq is a prereq."

The department decided to enforce the prerequisite in order "to protect students from themselves" Greytak said. The prerequisite had not been enforced in the past "against our better judgement." In

the experience of the department, few of those students who took both courses concurrently did well, he said.

The decision was based on physics department statistics as well as input from counseling deans, he said.

Doubling 8's increases failure rate

"If [students] double up...almost invariably they fail" one of the courses, said Bonnie J. Walters, associate dean for undergraduate academic affairs.

Walters said that it was important for students to be "well grounded in physics" before moving on to subjects where instructors count on a certain level of familiarity with basic concepts discussed in 8.01. While many students claim that they know the material in 8.01 despite not having passed the course, Walters debunked these claims as "bogus". In 8.01 students "acquire a new way of thinking," she said.

According to Greytak only about eight students had preregistered for both courses, but more could still register after the conclusion of 8.01L. Most of the 15-18 percent of students who fail 8.01 do not

attempt to take both courses the next term, he said.

Carolyn M. Dunbar '00, who took both courses during the spring term of 1997 said that she experienced no difficulties in taking the courses concurrently. "Anything I would need (for 8.02) I learned in high school," she said. Dunbar, a Course IX major, said that she took both courses in the spring because "I wanted to get all my math and science done on pass/fail."

Rachael L. Leventhal '01 hoped to take 8.02 in the spring but has not passed 8.01. Walters advised her to take 8.02 in preparation for classes in Course VI and to take 8.01 at a later date.

Leventhal called the decision "very unfair" especially the fact that "they are doing this without any warning." Leventhal had already made arrangements to take a class equivalent to 8.01 at another university.

Julia E. Preston '00, who also took the courses during the spring of 1997, said that the courses could be challenging without a previous mechanics background. She said that the courses were "about 95 percent separate."



We all hear about the big disasters. But disasters happen every day. Which means every day, people like you need food, clothing and a place to rest. Please support the American Red Cross. Call 1-800-842-2200. Because disaster never rests.



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Student Job Opportunities

For Spring '98

- * Office Assistants
- * Source Staff
- * Arts and Promotion Assistant
- * Coffeehouse Workers
- * Computer Coordinator
- * Coordinator of Commencement Student Ambassadors
- * Operations Assistant/Sign Maker



Applications Available:
Campus Activities Complex
in the Stratton Student Center
(W20-500)
For More Information Call 3-3413

6.270

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coverage of
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Design
Competition.

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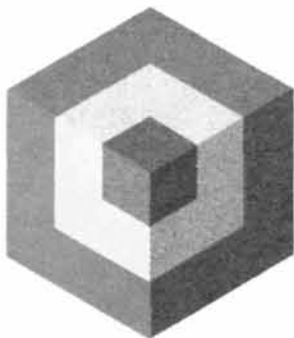
This bicycle outside Bexley Hall seems to have had its fair share of the winter onslaught last Friday.

WAN YUSOF WAN MORSHIDI—THE TECH

**RECRUITING INFORMATION SESSION
AND REFRESHMENTS**

**Tuesday, February 3rd
M.I.T. Room 4-149
6:00pm
Interviews on February 4th**

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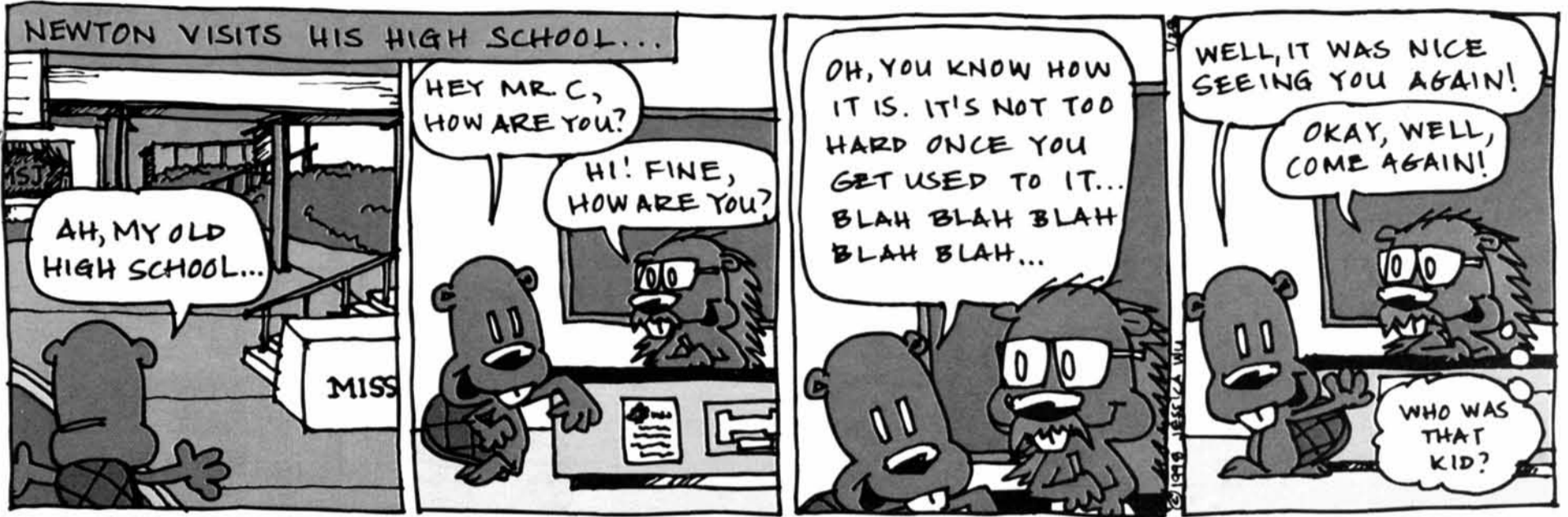
- HotBot wins CNET's search engine shootout; PC Computing gives HotBot blue ribbons in war for search-engine supremacy
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Dammed for Life

by JESSICA WU

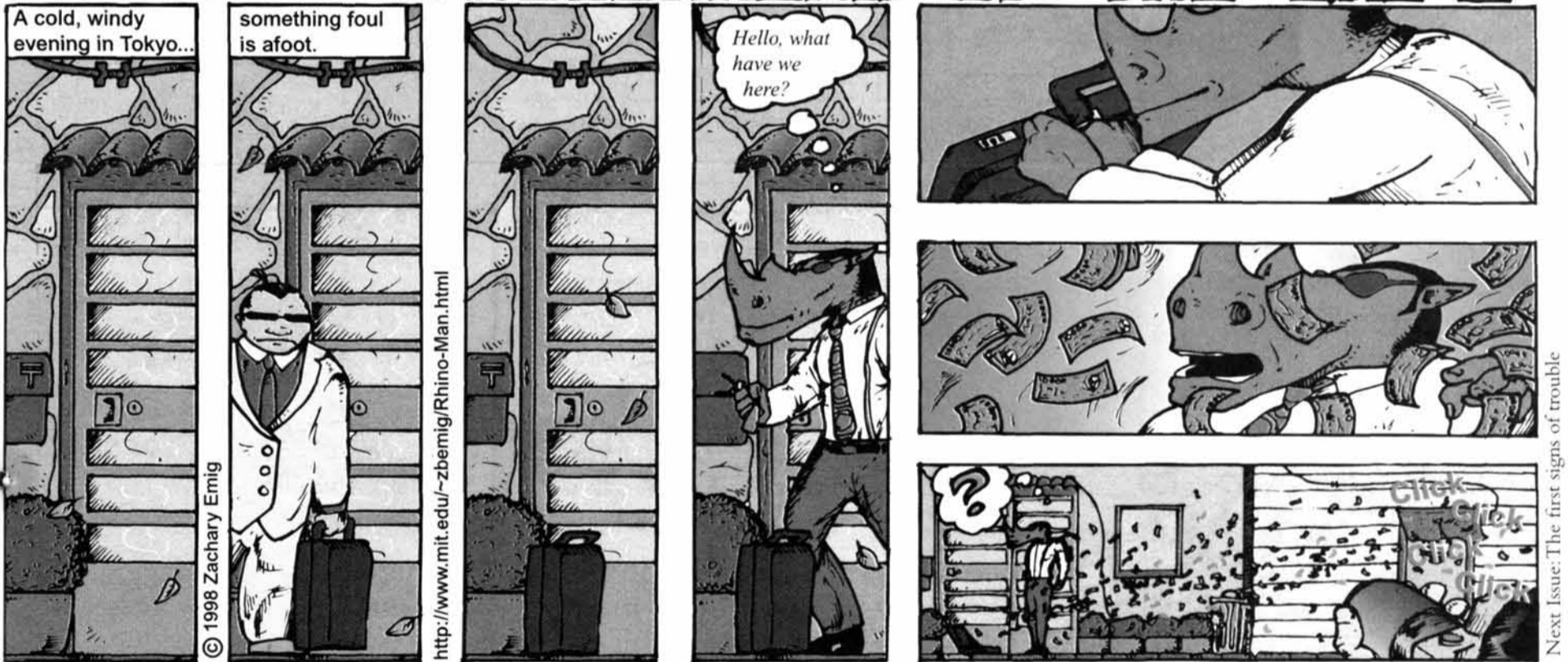


RHINO MAN

THE STORY SO FAR: Rhino-Man has defeated two Yakuza hitmen, and reported back to Prof. Atama and Sector 9. But unknown to him, the Yakuza crime families have banded together, and are now launching "Operation Backlash"!

by Zachary Emig

BEGINNING OF THE END



Next Issue: The first signs of trouble

Off Course

by Hugo



Turn the page for more comics!

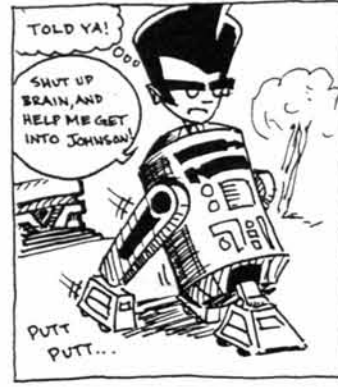
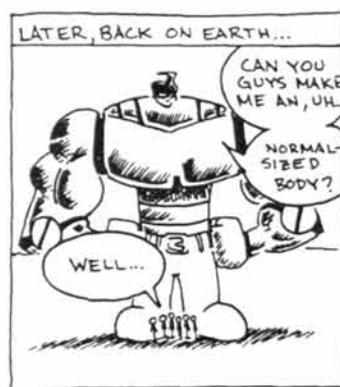




THE EVIL ROBOT SAGA

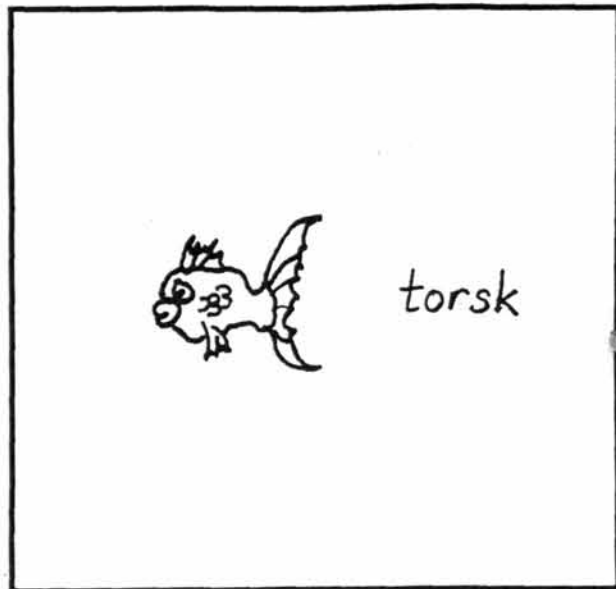
STURGEON

BARTHOLEMW



Noun Poetry

by Katy-Cat

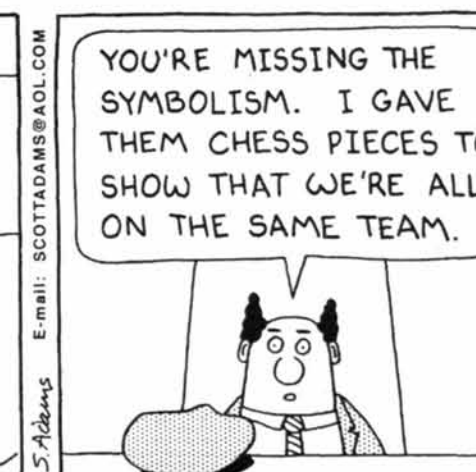
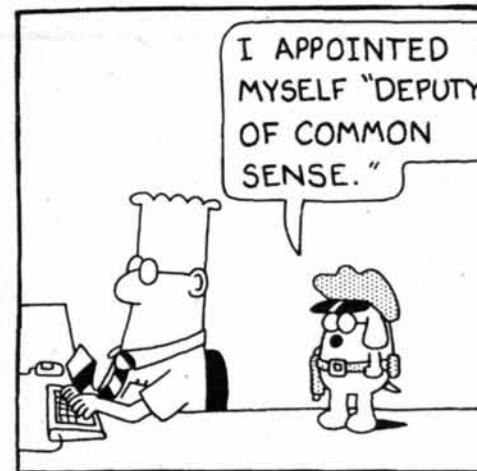
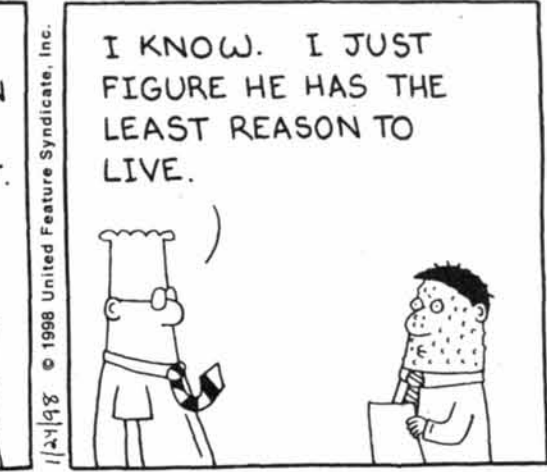
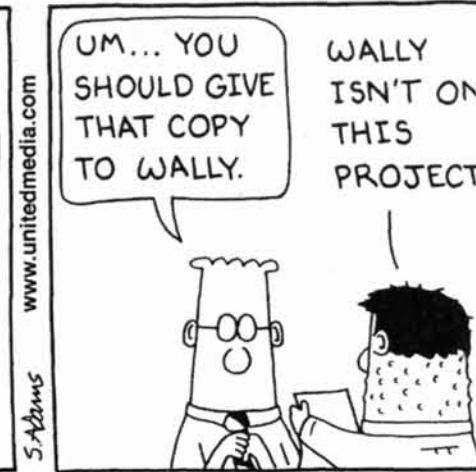
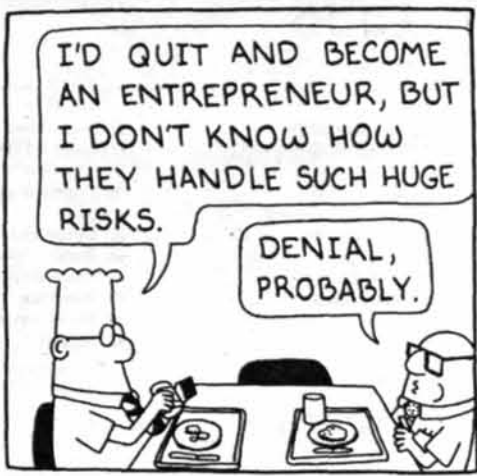


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Established 1881

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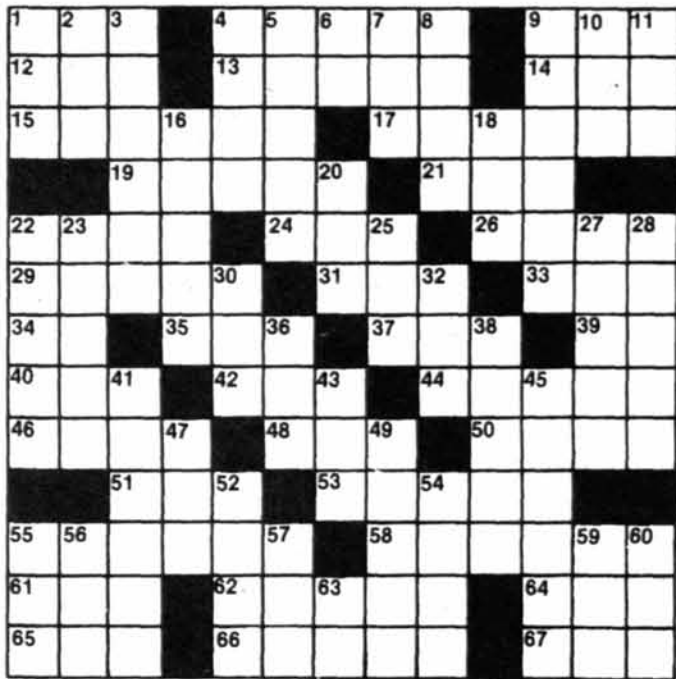
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Across

- 1. Cushion
- 4. Mad dog
- 9. Source of corn
- 12. Gov. agency (abbr.)
- 13. Water in tissues
- 14. Plural verb
- 15. Fleet of warships
- 17. The Earth
- 19. Incline
- 21. Departure estimate (abbr.)
- 22. Red vegetable
- 24. "Perfect" number
- 26. Roof covering
- 29. Small islands
- 31. On fire
- 33. Beetle
- 34. Gross ton (abbr.)
- 35. _____ Rogers
- 37. Fall behind
- 39. Negative
- 40. Cloth border
- 42. Moist
- 43. Old
- 46. Snare
- 48. Ocean
- 50. Female horse
- 51. Negative word

- 53. Approximately
- 55. Servile work
- 58. Churned milk
- 61. Single
- 62. Aircraft operator
- 64. Ever (poetic)
- 65. Strange
- 66. Chairs
- 67. Male sheep

- 30. Scatter seed
- 32. Small amount (slang)
- 36. Affirmative
- 38. Complete range of anything
- 41. Containing men
- 43. Brewed drink
- 45. Cloth shred
- 47. Hawaiian food
- 49. Monastery superior
- 52. Spigots

- 54. Those not in office
- 56. Cow sound
- 56. Finish
- 57. Untruth
- 59. Age
- 60. Rapid eye movement (abbr.)
- 63. Southern state (abbr.)

Down

- 1. Green vegetable
- 2. Spring month (abbr.)
- 3. Maiden
- 4. Do over
- 5. Adjust
- 6. Verb
- 7. Valley
- 8. NW state (abbr.)
- 9. Open
- 10. Wager
- 16. Change
- 18. Attached (abbr.)
- 20. Rope-like fish
- 22. Loop in a rope
- 23. Organic compound
- 25. Nothing
- 27. One who avoids people
- 28. Wear away

PUZZLE SOLUTIONS



ON-CAMPUS RECRUITING AT MIT

Informational Seminar: March 4, 1998
 5:30 PM, Room 8-105
Refreshments will be served
Interviews: March 5, 1998

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 ENGINEERING INTERNSHIP PROGRAM (EIP)
 ORIENTATION LECTURE**

TUESDAY, FEBRUARY 3, 1998, 4-5PM, RM 6-120

TO ALL SOPHOMORES IN THE DEPARTMENTS OF AERO/ASTRO, CIVIL, MATS. SCIENCE & ENG., MECHANICAL, NUCLEAR, OCEAN AND UNDESIGNATED, LEARN TO RELATE TRADITIONAL ON CAMPUS ACADEMIC PROGRAMS WITH OFF CAMPUS WORK EXPERIENCE IN INDUSTRY/GOVERNMENT WHILE EARNING JOINT SB/SM IN ENGINEERING.

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Robot Golfers Hope For Victory in 6.270

6.270, from Page 1

This year's contest, entitled "RoboGolf," challenges robots to pick up and drop foam balls from various places on the competition table.

Machines are allowed to start the contest holding up to 18 balls, which they can then attempt to drop into the holes located on the board. Teams can also score points by collecting the neutral balls located around the game board.

Rules discourage attack robots

The rules and competition board are designed to discourage "attack robots," said Edwin W. Foo '98, one of the contest organizers. Vertical drops of two inches at several locations on the board are designed to make it difficult for robots to actively pursue other robots.

However, several robots have been seen pursuing their opponents successfully, Foo said. "There are a few that do very interesting things."

Over the past few days, teams have been working to get their robots to qualify. During that process, "I have seen a lot of robots crippled" as teams disable the more advanced features in favor producing a working machine, Foo said. "The simpler designs are doing the best."

Still, there are "quite a few good robots" continuing into tomorrow's competition, Foo said. "We have a lot of very high-scoring robots that score points by picking up and dropping" the foam balls.

Team success during the preliminary rounds does not necessarily turn into success during the competition, Foo said. "Last year's winner qualified by blind luck" after completely flipping over during the qualifying round, yet it performed perfectly during the final round.

"It will be very exciting once we get to the final rounds," Foo said.

Students breathe sigh of relief

Teams that succeeded in scoring points during the final few minutes before impoundment expressed their relief at having qualified for the competition.

Those who won their qualification round will enter the double-elimination tournament with no losses. Other qualifiers will enter with a loss.

The "Campus Safe Ride" team, including Menoj D. Muzumdar '98, qualified after successfully grabbing a set of balls off the board. The team had to make many changes over the past night, including changing their geartrain and other mechanics.

Meanwhile, the team including Kenric S. Leung '98 just squeaked by to qualify for the competition by chewing up one ball before slamming into one of the support braces. The team made about 20 revisions to the software code of its robot, "The Peculiar Pineapple Picker," since Monday's rounds.

Between impoundment and the competition, the organizers encourage the teams to "call their friends and tell them to watch, charge their batteries" and sleep, Foo said.

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, January 26, through Friday, January 30			
Wed 1/28	New international graduate students	English Evaluation Test, 9:00 a.m. - 12:00 noon	10-250. No registration necessary
Noon, Thur 1/29	Undergraduates	3rd qtr PE lottery ends	Athena: "add pelott", (ret), "xphedu &"; (ret)
4 p.m. Thur 1/29	Freshmen	Three-part registration form, signed by advisor, due in SSC	Advisor, then SSC, 8-8600
Fri 1/30	New international students	ISO clearance necessary for registration	5-106, 3-3795
Fri 1/30	All students	Last day of IAP	
Fri 1/30	Students who missed the PE lottery or who want to add another PE class	PE late registration begins	W32-125, 3-4201
Monday, February 2, through Friday, February 13			
Mon 2/2	All students	Spring term registration deadline (\$40 late fee)	Du Pont gym, W31, Mass. Ave. entrance
Mon 2/2	Seniors graduating in June 1998	Deadline to complete Phase II writing requirement (\$40 late fee). See 2/6 deadline.	20-140B, 3-3039
Tue 2/3	All students	First day of spring term	
Thur 2/5	Undergraduates	Beginning of 3rd qtr PE	W32-125, 3-4201
Fri 2/6	Juniors	Last day to submit HASS concentration proposal form (\$40 late fee)	14N-408, 3-4441
Fri 2/6	All students	Signed reg forms due (\$40 late fee; \$75 after 4/10)	SSC, 8-8600; or E19-335, 8-6409
Fri 2/6	Seniors graduating in June 1998	Deadline to file HASS concentration completion form (\$40 late fee)	14N-408, 3-4441
Fri 2/6	Seniors graduating in June 1998	Deadline to complete PE requirement or submit petition (\$40 late fee)	W32-125, 3-4291
Fri 2/6	Seniors who have not completed writing requirement	Deadline for petition to remain on June degree list and enroll in appropriate writing subject	20B-140, 3-3039
Fri 2/6	Seniors and graduate students	Application deadline for June 98 SB and advanced degrees (\$40 late fee; \$75 after 4/11)	SSC, 8-6434; or E19-335, 8-6413
Tue 2/10	Feb advanced degree candidates	CGSP meeting. Candidates owing student account balance may be placed on degree hold.	WebSIS; SSC, 8-8600
Fri 2/13	Seniors graduating in Feb. 1998	CAP February degree meeting. Candidates owing student account balance may be placed on degree hold.	WebSIS; SSC, 8-8600

*The Student Services Center, Room 11-120, is open Monday through Thursday, 9 a.m. to 5:30 p.m., and Friday, 10 a.m. to 5:30 p.m.



Nicole S. Rodriguez
Her whole life ahead of her.
But that's behind her now.
Killed by a drunk driver.
July 11, 1993
Cutler, CA

If you don't stop someone from driving drunk, who will? Do whatever it takes.

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INFORMATION SESSION: Feb. 12
On-Campus Interviews: Feb. 13

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spring break fever

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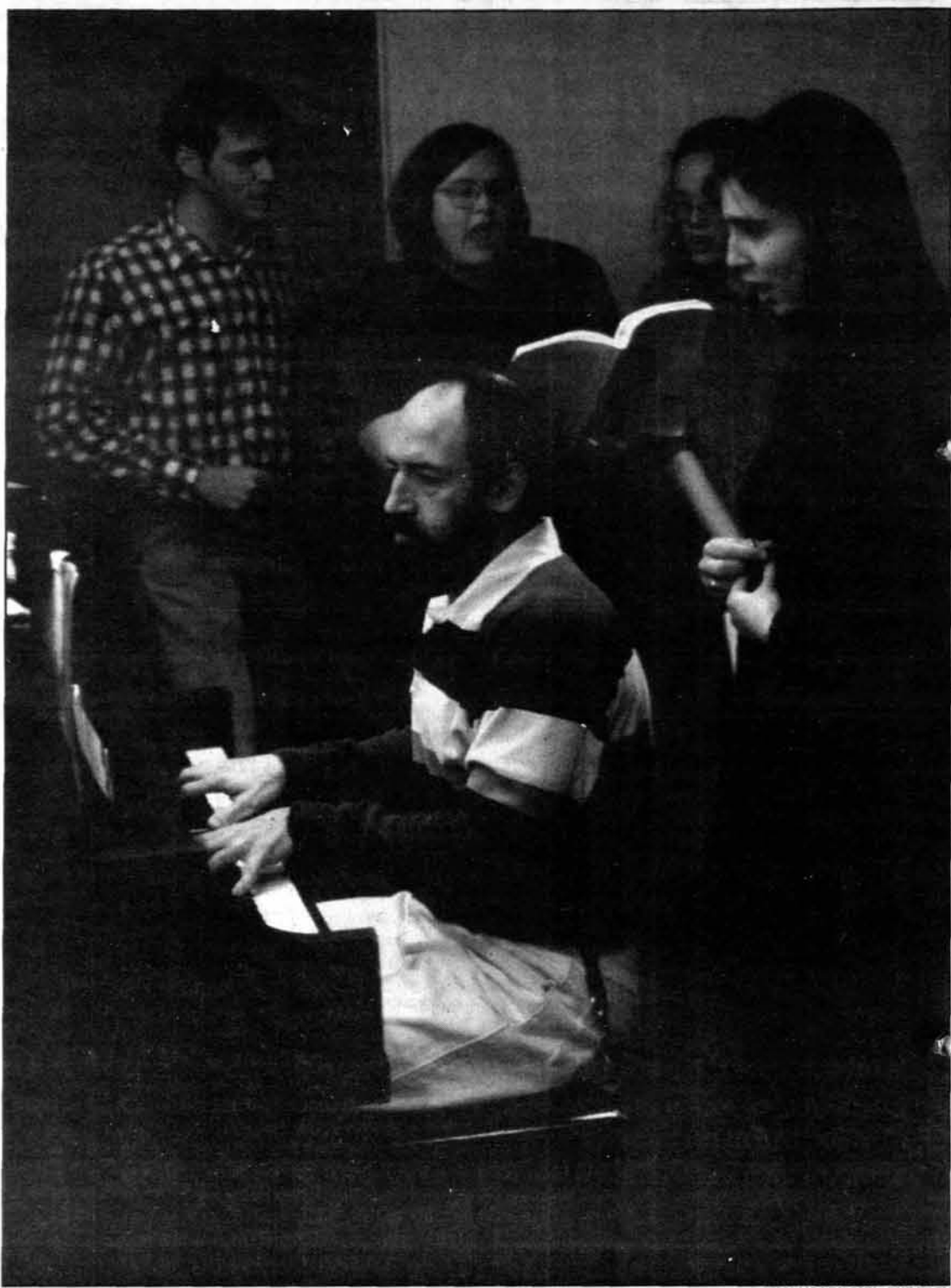
Rio \$883	Cancun \$302
London \$278	Ft. Lauderdale \$175

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 (CIEE: Council on International Educational Exchange)
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MIT Student Center W20-024
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 Cambridge (617) 225-2555

12 Eliot Street, 2nd Floor
 Cambridge (617) 497-1497



THOMAS MURPHY—THE TECH
 Bill R. Schneider '98, Katherine Bryant, Mary A. Tsien '01, and Bridget L. Copley G sing while Mike Bromberg '70 plays the piano at the Gilbert and Sullivan sing-along last Thursday in the Mezzanine Lounge.

THE PRINCETON REVIEW

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THE PRINCETON REVIEW (617) 558-2828

The Bose Foundation is dedicated to ensuring the availability of an educated work force for high technology corporations in the United States. This is accomplished by encouraging and supporting students and their educators in the study of science and engineering. These people will be the technical workers and inventors of tomorrow - role models and educators for the next generation.

A Foundation For The Future

Innovative Thinking Leading to Excellence In Science and Engineering Education

The purpose of education is to develop basic thinking skills and to obtain a basis of knowledge in our chosen field. This provides the foundation for problem solving abilities across a range of disciplines. Development of better solutions to challenging problems requires dimensions beyond basic thinking skills and knowledge of the field; it requires creativity in conception and in approach. This can be

THROUGH A ONE YEAR FELLOWSHIP THE BOSE FOUNDATION'S PROGRAMS EMPHASIZE:

- INNOVATIVE THINKING LEADING TO EXCELLENCE IN SCIENCE AND ENGINEERING EDUCATION
- SUPPORTING AND DISSEMINATING EXCELLENCE IN SCIENCE AND ENGINEERING EDUCATION

achieved by adopting the following elements of attitude:

- A strong desire for a creative breakthrough
- Confidence in our ability
- An expectation that many false starts may be necessary
- Sufficient immersion in the problem to engage all of our faculties
- A willingness to pursue solutions until a breakthrough is achieved
- Analysis of each attempt to aid in the development of insight

In those cases where a task appears to be routine, we may also need to intentionally spark the creative process. We do this simply by asking how the task can be done better, for better implies a different approach, which in turn requires creativity.

Supporting and Disseminating Excellence In Science and Engineering Education

As students of science and engineering, you have an excellent opportunity to develop your thought process by working on problems whose correct analysis yields a unique answer. Searching for the correct solution causes you to rethink the problem until comprehension develops and you get the right answer.

The Bose Foundation focuses its resources on education in the United States, with special emphasis on the communities in which Bose Corporation employees live. It draws on the unique resources of Bose Corporation to accomplish its mission and seeks the cooperation of other organizations that share a similar mission. To this end, each year the Bose Foundation sponsors a one year fellowship (approximately \$34,000). This year the fellowship will go to a fifth year student, who will be completing their Master's degree program in the School of Engineering during the 1998-1999 academic year.

For more information and an application regarding the Bose Foundation Fellowship program or our Perspectives on Education series, please see your faculty advisor. To obtain an information packet, call or write: **Lyn Van Huben, Bose Foundation, The Mountain, Framingham, MA 01701-9168. Call (508) 766-6238. Deadline for application: February 27, 1998.**

BOSE FOUNDATION



PARTNERSHIP FOR A DRUG-FREE AMERICA

POLICE LOG

The following incidents were reported to the MIT Campus Police between Jan. 9 and Jan. 20. This summary contains most incidents reported to the Campus Police but does not include incidents such as: medical shuttles, ambulance transfers, false alarms, general service calls, etc.

- Jan. 9:** Bldg. 68, wire stolen, \$10,000.
- Jan. 10:** Bldg. 56, malicious damage; Killian Court, suspicious activity; Bldg. E52, change purse stolen, \$20; Bldg. E53, laptop stolen, \$3,200; Bexley Hall, party with alcohol and underage students.
- Jan. 11:** Bldg. E17, wooden cabinet stolen, \$800; Bldg. W15, cash stolen, \$50.
- Jan. 12:** Edgerton House, suspicious activity.
- Jan. 13:** Bldg. E40, suspicious activity.
- Jan. 14:** Bldg. E52, room broken into and laptop computer stolen, \$4,000; Rockwell cage, backpack stolen, \$190; Bldg. 2, computer stolen, unknown value.
- Jan. 15:** Bldg. E52, attempted break into a room; Bldg. E51, electronic equipment stolen, \$1,100; Bldg. 54, 1) desk broken into and \$2 stolen, 2) electronic device stolen, \$250; Audrey St. vehicle stolen from Boston recovered.
- Jan. 16:** Senior House, graffiti; Bldg. E52, laptop stolen, \$1,700; 33 Mass. Ave. bike rack, bike stolen, \$100.
- Jan. 17:** Bldg. 3, suspicious activity.
- Jan. 18:** Bldg. 56, several rooms broken into with the following items stolen, 1) laptop, \$3,541, 2) laptop, \$1,800; Bldg. 54, two rooms broken into, nothing reported missing at this time; Baker House, peeping tom.
- Jan. 19:** Bldg. 56, items reported stolen from previous break, 1) laptop, \$1,800; 2) disk drive and walkman, \$200; Bldg. 36, suspicious person.
- Jan. 20:** Bldg. 2, suspicious activity; Bldg. 5, laptop stolen, \$4,000; Bldg. 56, additional property reported stolen during break, camera equipment, \$400.

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Kresge Redesign Not Yet Complete

Kresge, from Page 8

ing and timing of the project have yet to be determined, Walsh said.

"What really got things going was the passage of the ADA in 1991," Walsh said. Since the second phase does not involve critical issues or handicapped accessibility, it is of lesser priority than other work on campus.

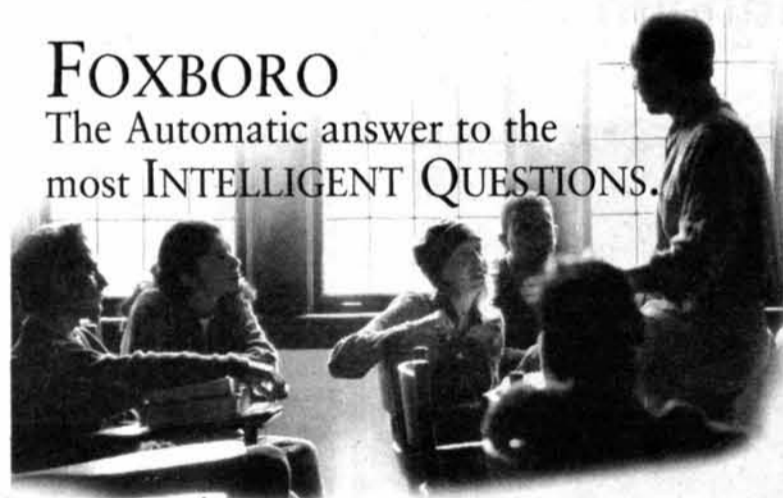
After the current set of improvements are done, "we'll reassess where we are, review those remaining items and see if we can get them funded," Walsh said.

Work on the current phase of renovations began in 1995, when an accessibility study of the campus proposed a renovation to Kresge instead of stop-gap measures to improve accessibility. "Basically, it's the building that most frequently brings outside people to the Institute," Foley said. The report recommended full accessibility using an elevator instead of chair lifts along staircases.

The architectural firm of Kevin Roche, John Dinkelwood and Associates has been planning the renovation. Roche previously worked with Kresge's original designer, Eero Saarinen.

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Alpine Skiers Fare Well Despite Weather Conditions

By Jonathan S. Shefftz

TEAM COACH

The men's and women's alpine squads of the varsity ski racing team completed their second of five regular season race weekends this past Saturday and Sunday, with competition from the slopes, other teams, and the ever-uncooperative New England weather.

MIT competes in the Eastern Collegiate Ski Conference's Osborne Division, which contains the second-most competitive collection of NCAA teams in the Eastern U.S.: Boston College; Plymouth State College; the University of Massachusetts, Amherst; Smith College; Babson College; St. Anselm's College; Brown University; Colby-Sawyer College; New England College; and the University of Connecticut.

Since NCAA skiing competition is non-divisional, skiing is one of the few sports in which MIT competes against Division I and II schools, in addition to its more typical Division III rivals.

Each weekend competition consists of two runs each on a slalom course on Saturday (quick, short-radius turns) and a giant slalom course on Sunday (longer-radius turns at higher speeds), with each day's two runs added together to determine each skier's finish for that

day.

The times of the fastest five men and the fastest three women determine the team standings for each squad. The team got an early start for its on-snow training back in October at Killington, but was not scheduled to run any race training courses until the beginning of Independent Activities Period.

Weather thwarts training, races

Unfortunately, this coincided with the week of the now-infamous ice storm. After rain and warm temperatures wiped out local training options, the team headed north to Loon Mountain in New Hampshire where only more rain greeted them. Then a non-collegiate competition schedule for Mt. Sunapee on Jan. 10 was canceled because the ice storm disrupted power service.

Fortunately, cold temperatures returned for the next week, and with the northern snow pack intact the team was able to run some challenging race training courses at Loon. UMass hosted the first race at Berkshire East on Jan. 17-18. Co-captain Brooke Baker '99 led the women's team with 17th place in Saturday's slalom, while Monica Taylor '01 and Chrissy Hartmann '98 provided the other two scoring times. MIT finished seventh out of 11 teams, ahead of Babson,

UConn, and the more northerly St. A's and New England College.

Co-captain Dave Kurd '98 led the men's team with 26th place, while the other four scoring times came from Brett Vasconcellos '99, co-captain Ryan Maupin '00, Sanjay Raman '01, and Todd Dumond '00. MIT finished seventh out of 10 teams, ahead of St. A's, UConn, and New England, and only a tantalizing two seconds — which translates into 2/10 of a second per person per run — out of fifth place.

For Sunday's giant slalom, Baker skied to 13th place, followed by Taylor and Hartmann. The MIT women took eighth place, letting Babson slip ahead this time. Top men's finishes came from Vasconcellos, Raman, Jeremy Gerstle '99, and Dan Zelazo '99. The MIT men skied to eighth place, letting New England slip ahead this time.

Warm, wet weather plagues races

Another week of training at Loon and also Mt. Cranmore ensued, with assistance from assis-

tant coaches Ari Gerstle '96 and Sean Lavin '97, both four-year letter-winning veterans of the team. Plymouth State hosted the next race at Waterville Valley on Jan. 24-25. For the third year in a row, as if almost on cue, after a week of cold temperatures, warm and wet weather and fog settled in for Saturday's slalom, created large ruts in the course and obscuring the upcoming terrain.

Baker skied to 11th, followed by Taylor and Hartmann. The MIT women once again took seventh out of 11 teams, but this time ahead of Babson, St. A's, New England — and perennial Division I powerhouse UMass-Amherst. Moreover, the women were only one second per person per run out of fifth place.

Kurd skied to 22nd, followed by Maupin, Gerstle, Vasconcellos, and Raman. The MIT men took eighth, ahead of Colby-Sawyer and St. A's, and less than a second per person per run out of sixth.

For Sunday's giant slalom, for the third year in a row, once again as if almost on cue, cold tempera-

tures returned along with a 90-mph summit wind, which shut down all except beginner chairlifts. Collegiate competitors had to ride a short T-bar and then hike to the top of the shortened race course.

Baker skied to 19th, followed by Marjorie Rosenthal '98 and Hartmann. The women took ninth, ahead of UConn and New England. Kurd skied to 24th, while the other scoring times came from Maupin, Vasconcellos, Raman, and Zelazo. The men took eighth, ahead of New England and UConn, and less than a second per person per run out of sixth.

Brown and UConn sponsor the next race at Loon this weekend. The women cumulatively stand in eighth place, ahead of St. A's, UConn, and New England, and within striking distance of Babson. The men cumulatively stand in eighth place, ahead of St. A's and UConn, and only one point behind New England. Training for the last week of IAP will start at nearby Blue Hills, and then move back up north to Loon.

Gymnast Ellefson Sets Balance Beam Record

By Roger Crosley

DIRECTOR OF SPORTS INFORMATION

Gymnast Sonja Ellefson '01 set a school record on the balance beam in a recent meet with Northeastern University and the University of Bridgeport. Ellefson tallied a 9.35/10 to break the record held by Sheila Rocchio '97. Rocchio had earned a 9.30 in the 1994 Eastern College Athletic Conference Championships.

Wrestling

The wrestling team split six matches at the recent North-South Duals in Pennsylvania. Han Chou '98 won all four of his matches over the course of the weekend. Chou, who wrestles at 118 lbs., has been ranked as highly as sixth in New England Division III. Teammates Ivan Aguayo '00 at 126 lbs. and Matt Ziskin '98 at 167 lbs., are currently ranked fifth in New England Division III in their weight classes.

Basketball

The women's basketball team's overtime 71-66 victory against Brandeis University marked the first time since Feb. 20, 1987, that the team had defeated the Judges. MIT

was led by a 23 point effort from Vicky Best '99. The success of the men's (9-4) and women's (9-4) basketball teams may be testimony to good defense. Each team is nationally ranked in Division III in defending against the field goal. The Engineer women are ranked sixth nationally, allowing only 31.9 percent of opponents shots to go in. The men have earned a 14th ranking, giving up a field goal percentage of only 38.3.

Individually on the men's side, Godfrey Inniss '98 is 14th in the country in Division III blocks per game with 2.5. Teammate Kareem Benjamin G is 18th nationally in field goal percentage, converting on 62.4 percent of his shots.

Crew

MIT boats once again dominated the Miami Crew Regatta recently as the Engineers completed a successful winter training trip to Florida. In five races against the University of Miami crews, MIT swept first and second place in every event. MIT took the featured Varsity Eight race, with the Heavyweights defeating the MIT Lightweights by 3.3 seconds, and Miami by 13 seconds.

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MIT Music Group Auditions

MIT Chamber Music Society

First Meeting and Auditions: Monday, February 2, 7pm, Killian Hall.
All interested students *must* sign-up. Auditions and solo piece required of new members only.

MIT Brass Ensemble / Brass Quintets

Rehearsals: Tuesday/Thursday, 5-7pm, Killian Hall.
Contact the director, Lawrence Isaacson: isaacson@mit.edu.

MIT Concert Band

Rehearsals: Monday/Wednesday, 8-10pm, Kresge.
First Meeting and Auditions: Wednesday, February 4, 8pm. Bring prepared solo. Additional info: rob99@mit.edu.

MIT Concert Choir

Rehearsals: Monday/Thursday, 6-8:30pm, Room 2-190. Auditions: Thursday, February 5, 6pm. Group auditions, no solo required.

MIT Chamber Chorus

Rehearsals: Tuesday/Thursday, 9am - 10:30am, Killian Hall. Auditions: Tuesday, February 3, 9am. Sight-reading and prepared solo required.

MIT Festival Jazz Ensemble

Rehearsals: Sunday, 7-11pm; Wednesday 5:30-7:30pm, Kresge.
Immediate trumpet openings. Auditions welcome on all instruments. Contact the director, James O'Dell: jodell@bostonconservatory.edu.

MIT Symphony Orchestra

Rehearsals: Tuesday/Thursday, 7:30-10pm, Kresge. First meeting: Tuesday, February 3 at 7:30pm. Please call the Concerts Office to arrange an audition.

MITCAN Music of Africa Performance Ensemble

Rehearsals: Tuesday/Thursday, 7pm - 9pm. First meeting: Thursday, February 5, World Music Center, N52, 7pm. No previous experience necessary. Info: pchou@mit.edu.

FOR MORE INFORMATION CONTACT THE CONCERTS OFFICE AT 253-2826.



Goalie John Zehren Stops Central Conn.

Hockey, from Page 24

of MIT's team total.

Avishai Geller '01 has been a welcome addition to the team, scoring seven goals while assisting on numerous others as the left winger on what may be the most dangerous line in the conference.

Four other rookies have been seeing playing time with the team's top three units, and all have been dependable and at times spectacular. Also of note is perennial crowd favorite, Buddy Webb '98, whose tough but clean physical approach has kept the Engineers from being abused some nights.

The defense is anchored by captain Jim Goodman G, who is as steady and reliable as ever. Goodman's maturity has inspired and held together a relatively inexperienced defensive core, which contains no one with more than a year's worth of experience playing

for MIT.

Captain John Zehren '99 has been characteristically solid in net for the Engineers, saving his finest performances for the most important of MIT's games, such as the team's 4-2 defeat of archrival Central Connecticut State in which Zehren made acrobatic save after acrobatic save, sealing the victory for MIT.

This year marks the return of team coach Joe Quinn, who was sidelined for the last year. Quinn and assistant coach Mark O'Meara seem to have found the right formula, as the Engineers seek to outdo the accomplishments of the '95-'96 squad, which started out with 14 straight wins on their way to receiving a bid to the National Championships.

The Engineers will seek to continue their winning ways at 7 p.m. tonight with a rematch of last year's final against Central Connecticut State University.

Depth Helps Runners In Quad Cup Victory

Track, from Page 24

were present. Bates proved to have the most muscle, as they took the top two places, with the winner throwing a national qualifying distance of 56' 8.5". Beavers Mike Butville '98 and Jason Dailey '99 came in fourth (48' 1.25") and seventh (42' 9") respectively. Last year, MIT was home to the top Division III weight thrower in the nation, John Wallberg '96.

Another star-studded event was the pole vault, with seven vaulters clearing heights of 12 feet or higher. MIT performed admirably, taking second, third, and fifth with Matt Potts '00 and Sam Thibault '00 clearing 13' 0", six inches off the winner, and Sam Sidiqi '00 clearing 12' 0".

MIT won the meet with its depth. Todd Rosenfield '01 and captain Neal Karchem '98 took first and second in the 400-meter race. Then in the 800, following Parkins in one of his victories, were Ken Walker '01 and Chuck Van Buren '98 in

fourth and fifth respectively. The 1000-meter race also proved to be a solid event as MIT took third through sixth place, led by Joel Ford '98 and Sohail Husain '98. In the 1500, Parkins won, and Phil Loiselle '01 led a trio of Techsters in sixth, seventh, and eight.

Finally, in the longest event of the day, Chris McGuire '00 and Liyan Guo '01 placed fifth and sixth, respectively.

In these track meets, called Quad Cup Meets, first place receives nine points, second receives seven, third six, and so on until eighth place, which gets one point. Along with the Beavers front runners Parkins and Sastry, who recorded the big points, the many fourth, fifth and sixth place finishes enabled MIT to be so competitive.

This Saturday, MIT will hopefully continue this strategy to be victorious in its home meet against Springfield College, Westfield State College, Worcester Polytechnic Institute, and Colby.

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Women Gymnasts Struggle with Beam

By Eduardo Ovalle
TEAM COACH

The women gymnasts travelled to Brown University last week for their fourth competition in 11 days. The team was doing remarkably well considering their grueling schedule, until they got to the balance beam.

Beam was the last event of the evening for the Engineers, and all of a sudden, they all showed the toll of the last two and a half weeks of non-stop workouts and meets. Only two gymnasts managed to stay on the 4-inch wide apparatus while most everyone else fell off, twice.

Co-captains Alli Christenson '98 and Sonja Ellefson '01 were the only two that managed to tame the beam on this night. Both of them posted solid all-around scores. Christenson scored a 34.925 aided by a very steady 8.95 on beam, and Ellefson racked up yet another personal best in the all-around (36.325) and on vault (9.15).

Ellefson's all-around score was

good enough for second place at yet another meet against two Division I opponents.

Stephanie Cheng '00 rejoined the team and made an immediate impact with a very clean routine on floor (8.75). There were some notable absences from the line-up. Nann Kronschnabel '00 was out due to sickness and Liz Ellingson '01 was out with a slight knee sprain, so MIT competed with only five gymnasts on both vault and floor.

The meet was ultimately won by Brown (177.375) who has shown great improvement over the last two years. Northeastern University was also at the meet and came in second (172.40) followed by MIT's 163.325. The team has had a much deserved weekend off, and their next competition is on Friday when they travel to Division II power Texas Women's University. The time off will help cure some of the physical ailments of a team that is a bit run-down, and maybe provide a secret to staying on beam.

Women's Track Races In First Indoor Season

Club Track, from Page 24

pants it was the first experience of running on a banked track; besides, they were surprised to see windows along one side of the track, which were especially appreciated by the long distance runners who welcomed the change of scenery.

Chen, French, and Stine gave solid performances in the 55, with times of 7.7, 8.3, and 8.6, respectively. French cleared 9'6" in the pole vault. Evans did not let the lack of competition in her heat from run-

ning a strong season opener 800-meter race in a time of 2:34.8 and winning her heat with a significant lead.

Margaret Nervegna '01 and Tanya Zelevinsky '99 took advantage of the competition to push themselves to run 11:49 and 11:47 in the 3000 and 5:59 and 6:05 in the 1600-meter race, respectively.

The club's next meet will be the Terrier Classic at Boston University on Sunday, Feb. 1.

Tanya Zelevinsky contributed to the reporting in this article.

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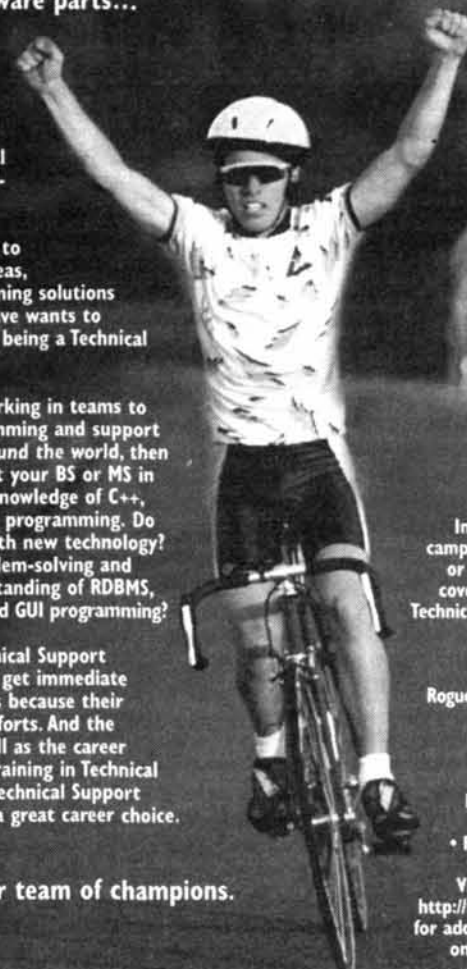
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SPORTS

Women's Track Club Helps with Training

By Debbie Won
TEAM MEMBER

A women's indoor track and field club has been formed to help women track athletes train in the off-season. The training season began on Nov. 12 with the club's first organized practices.

With about half of the 30 athletes who signed up for the sport regularly showing up for practices, the runners are already having a great first season. They have participated in three open indoor/all-comers meets since December and plan to compete in two more during Independent Activities Period.

The club did not compete for several months while awaiting approval from the club sports board of directors. During that time, interested female athletes met daily for workouts. Sprinter and jumper Elaine Chen '99 initially organized the meetings, and was later joined by long-distance runner Janis Eisenberg '98 and long- and mid-distance runner Robin Evans '99.

Pole vaulter and prospective pentathlete Lila French '99 has also been a strong source of motivation behind the club.

The group began rounding up support for the club early last

spring, passing around petitions and meeting with the Department of Athletics administration to find a way to run a rigorous and organized winter season of track and field.

While the men's track team has a well-established indoor program and have recently placed as high as sixth at indoor nationals, the women have never before had an indoor season. The absence of a training season in the winter puts them at a disadvantage in the outdoor season, because the vast majority of their competitors have been training and competing for months before the Engineers even begin their practices.

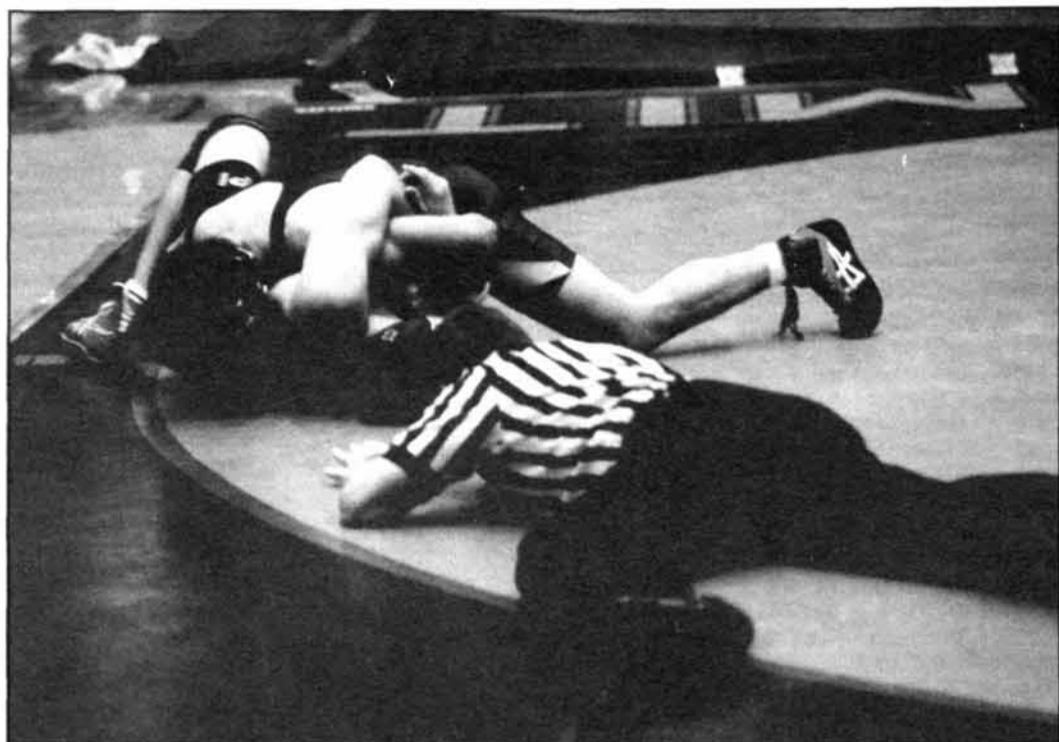
Impressive races at IAP meets

At a Jan. 3 meet at Brandeis University, Stephanie Stine G placed third and second, respectively, in her 55-meter and 200-meter heats, while Eisenberg had an impressive second place finish in the 3000-meter race with an 11:08.

On Jan. 18, several club members participated in the Greater Boston Invitational at Harvard University.

The meet was held at Harvard's indoor track. For many MIT partici-

Club Track, Page 23



CHUN HUA ZHENG—THE TECH

Matt J. Ziskin '98 pins his opponent, winning his second match in Saturday's wrestling meet against WPI, Trinity, and Williams.

Men's Hockey Team Erases Initial Loss with 9-Game Winning Streak

By Greg Donaldson
TEAM MEMBER

With little fanfare and a quiet workman-like approach, the MIT men's hockey team has compiled a 9-1-0 record in league play this season. After a rocky start that saw the team lose its first game of the season, the Engineers have rattled off nine straight victories, gaining momentum and confidence with every game.

With the loss of team captains

Tetsu Inada and Steve Schlueter to graduation, the Engineers entered the season knowing that everyone would have to pick up the slack if this year's team were to be as successful as last year's, which came within a goal of the New England Collegiate Hockey Association championship.

The team returned its starting netminder and its leading scorers, but it was still evident that the team's rookies would have to step

up and shake off their inexperience for success to be in the team's future, and their contributions have played a large part in the team's success.

The team is led once again by the dynamic combination of Greg Donaldson '00 and captain John Rae '99. The two are 1-2 in team scoring with 16 and 15 goals respectively, accounting for just over half

Hockey, Page 22

Men's Indoor Track Bounces Back From Williams Loss to Win Meet

By Jeff Billing
TEAM MEMBER

The men's indoor track team suffered a letdown after last week's thriller against Williams College, but still held on to win with 196 points, bettering Bates College's 181, Bowdoin College's 135.5, and Colby College's 78.

Mike Parkins '99 and captain Ravi Sastry '98 once again dominated, with Parkins having his way in the distance events and Sastry scoring big in the sprints and jumps. Parkins recorded individual wins in the 1500-meter race (4:20.33) and the 800-meter race (2:02.25), and then came back to anchor the final

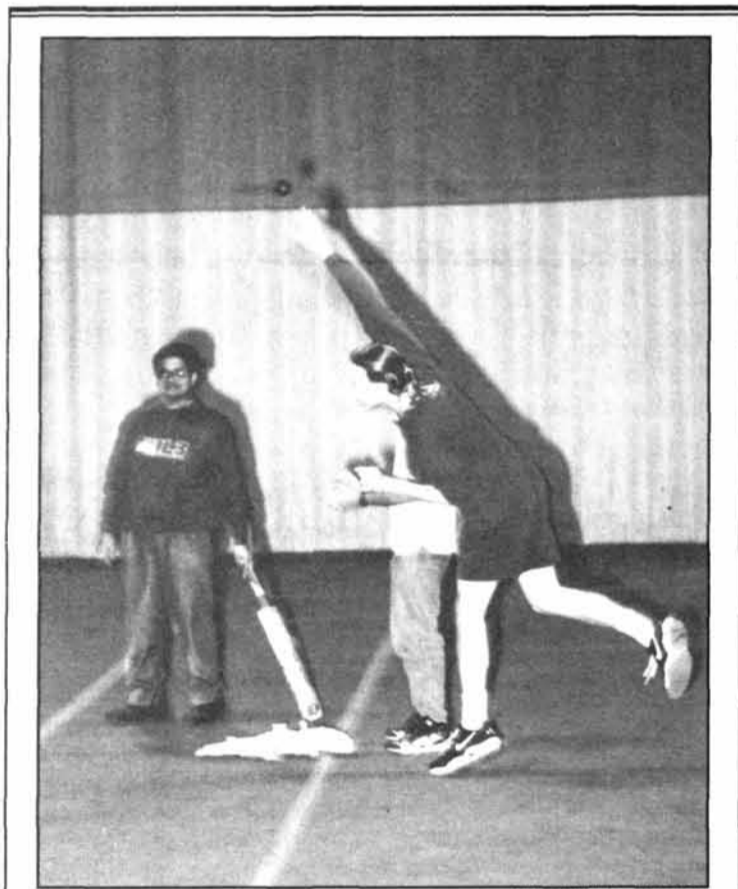
race of the day, the distance medley relay, to secure the win for the team.

Sastry won the long jump (20' 10.5"), the 55-meter hurdles (7.99), came in second in the 55-meter dash (6.87), third in the high jump (6' 0"), and seventh in the triple jump (37' 6"). Together, the

Sastry-Parkins duo recorded over a fourth of the team's total points.

The premier event of the day may have been the 35-pound weight throw. Eight of the top twelve weight throwers in New England

Track, Page 22



GREG KUHNEN—THE TECH

Ray Jones bowls in an open cricket game Sunday in Johnson Athletics Center.

UPCOMING HOME EVENTS

Friday, January 30

Rifle, MIT Beanpot Shootout, all day, through Sunday, February 1.

Saturday, January 31

Squash vs. Fordham University, 10 a.m.

Called home lately?

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