

MIT's
Oldest and Largest
Newspaper



The Weather

Today: Showers, windy, 68°F (19°C)
Tonight: Heavy rain, 60°F (16°C)
Tomorrow: Rain ending, 55°F (13°C)
Details, Page 2

Volume 116, Number 57

Cambridge, Massachusetts 02139

Friday, November 8, 1996



Proteus, played by Fernando L. Padilla '99, attempts to rape Silvia, played by Jenny James Buhr '98 in the Shakespeare Ensemble's production of *Two Gentlemen of Verona*.

Dean's Office Hosts Second Open Forum

By Frank Dabek
STAFF REPORTER

Free pizza and a chance to meet the deans from the Office of Undergraduate Education and Student Affairs drew about 12 students to the second in a series of open meetings with students Tuesday evening.

Students asked questions on topics ranging from the role deans play to licensing fees for class rings. In addition, the deans asked students questions about the best way to improve communication with the student body. The next such meeting will be Thursday, Dec. 12 in 26-110.

The Dean's Office was represented by Dean for Student Life Margaret R. Bates, Dean for Undergraduate Education Rosalind H. Williams, Senior Associate Dean for Undergraduate Education and

Student Affairs Robert M. Randolph, Director of Administration and Operations Stephen D. Immerman, and Associate Dean for Residence and Campus Activities Margaret A. Jablonski.

Students decided to attend the meeting for a variety of reasons.

Graduate Student Council Housing and Community Affairs Committee Co-Chair Geoffery J. Coram G was simply "interested in seeing what's discussed" and wanted to voice concerns about licensing fees for Graduate School class rings. He said, however, that though "a lot of information will be exchanged, nothing will be accomplished."

Laura A. Montalvo '99 was interested in being on the dean's advisory committee. The advisory

Dean's Forum, Page 15

UA Pushes for Boycott Of U.S. News Rankings

By Kyle Young
STAFF REPORTER

The Undergraduate Association Council proposed a resolution at its meeting Monday to urge administrators to boycott the *U.S. News & World Report* college ranking system.

If the resolution passes, the UA would urge administrators to withhold the data used by *U.S. News & World Report* to determine its rankings. The proposed resolution will be up for a vote on Nov. 18 at the council's next meeting.

President of the Class of 2000 Sandra C. Sandoval '00 and UA Floor Leader Norris Vivatrat '99 first proposed the bill after a similar bill had been passed at Stanford University. Yale University, the school ranked first this year by *U.S. News & World Report* this year, is in the process of passing a similar resolution, said UA President Richard Y. Lee '97.

The schools ranked in the top six

by the magazine are all considering similar plans.

Each year, *U.S. News & World Report* publishes a ranking of undergraduate colleges. A wide variety of criteria is used to determine the rankings, including many statistics obtained from surveys of individual colleges. MIT was ranked fifth in this year's survey.

Rankings considered arbitrary

The bill concerning the rankings states that "numerous investigations by major newspapers, including *The New York Times*, *The Wall Street*

U.S. News, Page 19

New Programming Board Aims To Fill Gap Left by Dissolved SCC

By Jennifer Lane
NEWS EDITOR

The Campus Activities Complex Programming Board has risen to replace the Student Center Committee, which elected to cease to exist at the end of last year amid financial difficulties and dwindling student interest.

The board is striving to provide programs and activities that will bring students together and promote interaction between student groups and all members of the MIT community, said Phillip J. Walsh, director of the CAC.

"Hopefully, we can make things happen," said Ted E. Johnson, assis-

tant director for programs in the CAC.

The SCC ran the 24-Hour Coffee House and the SCC Gameroom. It also organized the MIT College Bowl and ran poster services as well as events like Strat's Rat, Battle of the Bands, Spring Weekend, and comedy nights.

Last year, SCC's membership had dwindled to around 10 and all but about five of those graduated, Walsh said. That fact — combined with dwindling attendance at large events like Spring Weekend and overwhelming administrative and financial difficulties in running things like the Coffeehouse — caused the SCC to look to the CAC

to take a more active role.

From discussions between the SCC and CAC dating back to last January, the Programming Board was born. It divided into five committees each responsible for a different aspect of the Board's activities.

There are currently ten students on the Programming Board, and Rick Gresh, now graduate assistant for programs of CAC, was hired early this term to help the Board get off the ground, Walsh said.

Halloween Hauntings goes well

The first major Programming

Programming Board, Page 17

Search Proceeds for New Chair of the Corporation

By Shang-Lin Chuang
NEWS EDITOR

A search is currently being conducted to replace Paul E. Gray '54, chairman of the MIT Corporation. A candidate may be named to become the next chairman by early March.

Gray will retire by the end of June, after serving as an Institute officer for 26 years. Gray has been an employee of the Institute for 39 years and has served in numerous positions ranging from teaching assistant to dean of the School of Engineering to president.

"The chairman leads the corporation, which is a board of trustees that has the legal and moral responsibilities for everything that goes on in the Institute," Gray said.

A subcommittee of the executive committee of the Corporation was formed late last spring to serve as the search committee for the new chairman of the Corporation.

"This search committee asked for suggestions from all members of the Corporation about the kinds of qualities one should seek in a chair, possible models for this position, and names of people who might be

suitable candidates," said Secretary of the Corporation Kathryn A. Willmore, executive assistant to the president.

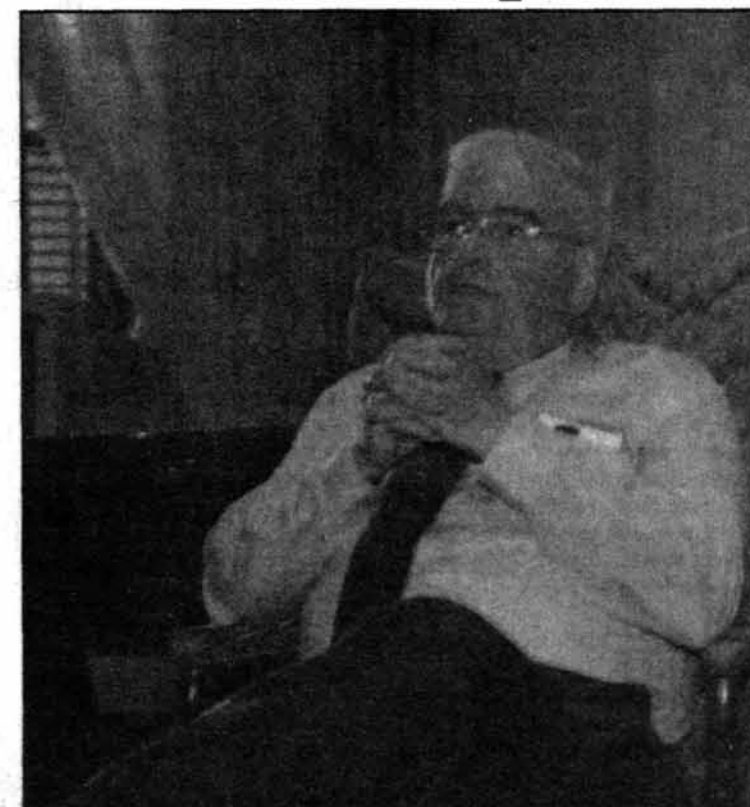
The four-member search committee will make a recommendation to the 10-member executive committee, which, if it accepts the recommendation, will then place it before the 70-member full Corporation board, Willmore said. A majority vote of the full board is required for the nomination to be accepted.

The board meets four times a year, on Commencement Day in June and on the first Fridays of October, December, and March.

"I think December is too early and June is too late of a date for the executive committee to recommend a candidate," Gray said. "March is probably going to be the meeting in which the recommendation is made to the board."

The search committee is headed by Gerald W. Austen '51. The other members are Edward E. David Jr. ScD '50, Judith C. Lewent SM '72, and Morris Tanenbaum.

Chairman, Page 18



Paul E. Gray '54

RITA LIN—THE TECH

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WORLD & NATION

Recovering Yeltsin Decrees Revolution Day Will Be Renamed

LOS ANGELES TIMES

MOSCOW

Thousands of Russians thronged through the streets of Moscow to commemorate the Bolshevik Revolution of 1917 with traditional red flags and angry speeches, but President Boris N. Yeltsin, recovering from heart surgery, announced that Thursday's march will be the last hurrah for the Communist celebration.

From his hospital bed, Yeltsin issued a decree announcing that Nov. 7 — popularly known as Revolution Day and, until the Soviet collapse in 1991, the most important holiday on the Kremlin calendar — will be renamed the Day of Accord and Reconciliation.

It will still be a public holiday. But instead of glorifying the dictatorship of the proletariat and the rise to power of Soviet state founder V.I. Lenin, Yeltsin's spokesman said the new holiday will commemorate the victims of revolution, civil war and repression.

The decree was Yeltsin's first policy initiative after taking back presidential authority from Prime Minister Viktor S. Chernomyrdin on Wednesday. Chernomyrdin stood in as president for 23 hours while Yeltsin had heart bypass surgery Tuesday.

Yeltsin's decree changing the holiday was announced only after about 10,000 Communists, most of them elderly, had started their annual march in Moscow, holding red carnations, chanting slogans and waving portraits of Lenin and dictator Josef Stalin.

Nov. 7 remained a holiday even after the Soviet Union collapsed. But the government has queasily avoided dwelling on its official title — the Anniversary of the Great October Socialist Revolution.

NASA Launches First in Series Of Spacecraft to Study Mars

THE WASHINGTON POST

CAPE CANAVERAL, FLA.

Moving away from expensive, complicated projects like the ill-fated Mars Observer probe, NASA launched the first in a series of economy class spacecraft toward Mars on Thursday in what amounts to a scientific assault on the Red Planet.

Running one day late because of threatening high-altitude winds, a \$55 million Delta 2 rocket blasted off just after noon, boosting NASA's \$155 million Mars Global Surveyor away from Earth and onto a 10-month 435-million-mile voyage to Mars.

The spacecraft will reach Mars on Sept. 12, 1997, four years after NASA's \$890 billion Mars Observer mission failed, and 15 years after the last surviving Viking Mars lander stopped transmitting from the martian surface in November 1982.

Over the next four months, the Surveyor will repeatedly dip into the martian atmosphere, using its two wing-like solar panels like speed brakes to bleed off energy. If it all works, the probe will end up in a circular two-hour orbit.

Finally, in March 1998, the Surveyor's solid-state camera and other instruments will begin mapping the Red Planet over the course of a 687-day Martian year — about two Earth years.

Federal Grand Jury Indicts Former Illinois Representative

THE WASHINGTON POST

CHICAGO

Two days after what might have been his reelection to a third term, former representative Mel Reynolds (D-Ill.) and his wife Marisol were indicted by a federal grand jury here Thursday charges of defrauding several banks, misusing campaign funds, and making false statements to the Federal Election Commission.

The 16-count indictment accused Reynolds of submitting false financial statements and loan applications to four Chicago-area banks to obtain \$150,000 in personal loans, and of fraudulently obtaining a \$279,000 mortgage for the purchase of a \$310,000 house in a Chicago suburb. He was charged with misusing campaign contributions from the Hotel Employees and Restaurant Employees Union and withdrawing more than \$15,000 in checks from campaign accounts for his personal use. Reynolds was also accused of directing campaign workers to cash checks drawn on campaign accounts and return the cash to him.

Marisol Reynolds, 33, was charged in nine of the 16 counts, including allegations she forged the signature of a campaign committee official on letters in an attempt to understate the couple's debts and overstate their income while seeking the home mortgage loan.

WEATHER

A Storm with Gusto

By Marja Blister and Gerard Roe

STAFF METEOROLOGISTS

There is a low pressure system to the north of the Great Lakes with a strong cold front extending down through the eastern states. Ahead of the cold front there will be scattered showers and very strong winds. After the front passes through sometime on Saturday, temperatures will drop rapidly. The start of next week will see some of the coldest weather of the season so far.

Friday: Variable cloudiness, light rain with showers likely throughout the day. Becoming very windy because of the strong southerly flow. High wind advisory is in effect for the evening. High 68°F (19°C).

Tonight: Rain developing overnight, possibly heavy. Low 60°F (16°C).

Saturday: Rain in the morning, diminishing toward the evening. Maximum temperature will be in the morning, around 55°F (13°C). Low in the 30s (around 3°C).

Sunday: Cold! Partly cloudy. A chance of flurries to the west. High in the 40s (around 7-10°C). Low in the mid 20s (-5°C).

Clinton to Consider Members From Both Parties for Top Jobs

By John H. Harris

THE WASHINGTON POST

WASHINGTON

President Clinton said Thursday he will consider Republicans for top jobs in his second administration, a bipartisan approach that he plans to amplify Friday with a call for early talks with Republican congressional leaders on the budget and campaign finance reform.

At a news conference scheduled for this afternoon, aides said Clinton will accommodate himself to the reality of continued divided government by offering to meet soon with congressional leaders on two issues that last year were marked by sharp and incessant conflict between the White House and Capitol Hill.

As an unusually rapid exodus of top appointees from his administration continues, Clinton Thursday promised "to cast a wide net" for their replacements and consider "Republicans and Democrats and independents alike." He made his remarks at the official White House announcement of Secretary of State Warren Christopher's decision to step down.

Also, Clinton continued his intense discussions about replacing Chief of Staff Leon E. Panetta, who plans a return to California. Aides said Clinton would like to be able to announce today that former Deputy Chief of Staff Erskine Bowles will take the job, but that the North Carolina businessman has not agreed to take it.

Deputy Chief of Staff Harold Ickes, a dark horse candidate himself for the top job, reportedly wants to stay at the White House for another year even if he is not promoted, a prospect that leaves Bowles cool.

One option that may not be open to Clinton is replacing Attorney General Janet Reno, an unpopular figure among some at the White House. Some administration offi-

cials said Reno may have effectively ensured her continued tenure by stating her wishes publicly. "As I have said all along, if the president wanted me to stay, I would be honored to do so," Reno said Thursday at her weekly news conference.

Labor Secretary Robert B. Reich in an interview Thursday publicly confirmed his widely anticipated departure. Still unofficial, but confirmed by senior administration officials, was a firm decision by Transportation Secretary Federico Pena to step down, a move that likewise had been foreshadowed earlier this week. And in Tokyo Thursday, former Vice President Walter F. Mondale said he was stepping down as U.S. ambassador to Japan.

Reich, a longtime Clinton friend since their days as fellow Rhodes scholars in the late 1960s, is eager to return to Boston with his family. Pena, who some administration aides said was eager to keep his job, is being nudged out of it in part because of White House dissatisfaction over his handling of the May ValuJet crash in Florida, and what turned out to be a too-hasty endorsement of the airline's safety record.

Among the other Cabinet officials whose departures are confirmed but unannounced are Defense Secretary William J. Perry, Commerce Secretary Mickey Kantor, and Energy Secretary Hazel R. O'Leary. Others considered likely to move on include Housing and Urban Development Secretary Henry Cisneros, and Education Secretary Richard W. Riley.

Christopher has said he will stay on the job until a successor is chosen and he completes his trip to China and other Asian nations later this month.

Among the leading candidates for this job is former Senate Majority Leader George J. Mitchell, who is close enough to Clinton that he played the role of Bob Dole in

the president's debate preparations and currently serves as chairman of peace talks among warring parties in Northern Ireland.

Also on the list is retiring U.S. Sen. Sam Nunn, D-Ga. U.N. Ambassador Madeleine K. Albright, widely believed to be among the top contenders for the job, in fact belongs in the "second tier" of likely candidates, one Clinton adviser said Thursday, a judgment confirmed by two administration officials.

The State job could also provide an opportunity for Clinton to make good on his pledge to look for Republicans. Sen. Richard G. Lugar, R-Ind., and retiring Sen. William S. Cohen, R-Maine, have been mentioned for the post, although neither has yet emerged publicly as a strong possibility.

Clinton said the need for bipartisanship is part of the message "the American people sent us" in the election. "They like it when we try to have principled compromise," Clinton said. "And they want us to create a vital center... that moves the country forward in an aggressive way, Republicans and Democrats and independents alike. And I will be looking... across a broad span of American people to try to get the best people to create that vital center and take this country into the 21st century."

Clinton and aides have not repeated the 1992 refrain that the Cabinet "must look like America." White House press secretary Michael McCurry said the de-emphasizing of that slogan does not mean Clinton is less committed to the goal of diversity.

The emphasis on bipartisanship is a contrast from four years ago, when Clinton appointed only Democrats to his Cabinet and relied almost exclusively on what was then the Democratic majority in Congress to push his agenda.

Absentee Vote Counts Will Not Affect GOP's Hold on House

By John E. Yang

THE WASHINGTON POST

WASHINGTON

Election officials in California and Arizona on Thursday were counting absentee and mail-in ballots that could be decisive in close races for the House.

While the outcomes will not jeopardize the Republicans' hold on the House, they could oust two of its most colorful and boisterous GOP members.

Rep. Robert K. Dornan, (R-Calif.), the ardently anti-abortion and anti-gay nine-term lawmaker, had a 233-vote lead over Democratic challenger Loretta Sanchez, a financial adviser, with several thousand absentee ballots yet to be counted. The tally may not be final until early next week.

Dornan ran a long-shot campaign for the presidency this year and was slow raising money for his House race. "Forget 'B-I Bob,'" Dornan said early Wednesday morning, referring to the nickname that reflects his steadfast defense of the bomber. "I'm now 'Landslide Dornan.'"

California law gives local election officials 28 days to tabulate absentee ballots and make results final.

In Arizona's 6th District, Democratic officials are hopeful several thousand uncounted mail-in and provisional ballots will erase the 590-vote lead that freshman

Rep. J.D. Hayworth (R), a leading cheerleader for the "Republican revolution," has over former state Democratic chairman Steve Owens. Hayworth, the target of nearly \$2 million worth of labor-sponsored negative television advertising, brushed aside suggestions the outcome could change. "It would take a miracle," he said.

Provisional ballots are cast by voters whose addresses do not match voter registration records or who requested a mail-in ballot but appeared at a polling place anyway. They are set aside to be verified and counted separately.

Arizona law requires election officials to count all votes within 72 hours after the polls close, but officials in some of the district's eight counties said they doubted that deadline would be met.

Thousands of uncounted absentee ballots also could decide the fate of the 16-term House career of Rep. George E. Brown Jr., D-Calif., who had a 1,150-vote lead over GOP challenger Linda M. Wilde, a California Superior Court judge.

Some of those races probably will be decided by recounts, which already have been ordered in two other races. One is to begin Friday in the Philadelphia-area district, where freshman Rep. Jon Fox (R) defeated Montgomery County Commissioner Joseph M. Hoeffel (D) by 10 votes — the narrowest margin in any House election in 12

years.

Fox defeated Rep. Marjorie Margolies-Mezvinsky (D) in 1994 after criticizing her for voting for President Clinton's 1993 budget plan, which passed the House by a single vote.

Massachusetts election officials will re-examine the ballots that gave Democrat John F. Tierney a 582-vote victory over two-term Rep. Peter G. Torkildsen (R).

In Connecticut, Democratic challenger Charlotte Koskoff was considering whether to ask a judge to order a recount in her 1,587-vote loss to Rep. Nancy L. Johnson (R), chairman of the House ethics committee. A recount would have been automatic if the margin had been one-half of 1 percent of the 227,165 votes cast. Koskoff campaign officials were rechecking tallies in several towns Thursday to see if the margin could be narrowed enough to automatically trigger a recount.

Koskoff, who won only 31 percent of the vote against Johnson in 1994, criticized Johnson's handling of the prolonged ethics investigation of House Speaker Newt Gingrich, R-Ga.

Not counting the two California races that are too close to call and two Texas races in which seats could change hands and will be decided Dec. 10, Democrats have gained 9 seats, well short of the 19 needed to regain control of the House.

TWA Crash Blamed on Mechanical Failure Pending Further Evidence

By Serge F. Kovaleski
THE WASHINGTON POST

WASHINGTON
In the strongest indication to date that safety investigators believe mechanical failure caused the crash of Trans World Airlines Flight 800, a senior official says the government will likely take that position if no evidence of a bomb or missile is found in the dwindling amount of unrecovered wreckage.
The comments by Bernard S. Loeb, director of aviation safety for the National Transportation Safety Board, come as salvage experts are trawling the ocean floor for the remaining 5 percent or so of debris from the plane.
Barring unforeseen evidence, he said in an interview, the NTSB will likely take the official position that the tragedy was caused by mechanical malfunction and then focus exclusively on what caused the center fuel tank to explode before the Boeing 747-100 crashed.
"If we find no evidence of criminal activity in anything else we

retrieve, as far as I am concerned this will be an airplane accident and we will treat it as such," Loeb said.
These remarks are the clearest public statements yet in the 16-week-old inquiry indicating that officials at the NTSB, the lead agency in the investigation, believe mechanical failure caused the nearly empty fuel tank to blow and the Paris-bound plane to smash into the Atlantic Ocean off Long Island. The 230 people on the jumbo jet were killed.
Officially, senior investigators have been saying that all three theories for the disaster are "on the board."
In discussing the likelihood of mechanical failure, the NTSB also cautioned that the trawling operation, which began Monday after divers ended more than three months of salvage work.
If not, the NTSB would handle the investigation as if the crash were an accident and would most likely hold public hearings, as it does in other cases, before issuing a final

report on the probable cause of the July 17 disaster, official said.
For now, safety investigators point to the fact that extensive metallurgical analysis has so far found no evidence consistent with a bomb or missile explosion, such as pitting, melting away or disintegration of metal. At the same time, investigators have found damage patterns around the center fuel tank that indicate a slower, less powerful blast than that produced by an explosive device.
James K. Kallstrom, the FBI assistant director who is heading the criminal probe into the crash, said a decision on whether the plane was brought down by a bomb or missile would be made jointly between the bureau and the NTSB.
Like his counterparts at the NTSB, Kallstrom said he was encouraged that the trawling operation has been recovering more wreckage that may help investigators get to "the endgame" in figuring out what caused the demise of Flight 800.

Senate Rebukes Administration's 1994 OK on Iran's Arms to Bosnia

By James Risen
LOS ANGELES TIMES

WASHINGTON
The Clinton administration came "perilously close" to engaging in an unauthorized covert action when it secretly gave a green light to Iranian arms shipments to Bosnia in 1994, a Senate committee said in a report Thursday.
The bipartisan report conflicts with the Clinton administration's claim that its Iranian arms initiative qualified as "traditional diplomatic activity" and was therefore free of the legal restrictions that were placed on the secret intelligence activities of the executive branch following the Iran-contra scandal of the 1980s.
The panel, known as the Senate Select Committee on Intelligence, was investigating the administration's decision in April 1994 to signal to Croatia that the United States would not object to the creation of an Iranian arms pipeline through Croatia to supply the beleaguered Bosnian-Muslim government.
A White House official responded to the report by saying, "we stand behind our Bosnian policy, which has brought peace to the region."
Also Thursday, the House Select Subcommittee on Iranian Arms

Transfers said it is sending a 26-page letter to Attorney General Janet Reno detailing what it charges are "potential criminal violations" by senior administration officials stemming from the Iranian arms controversy. Those charges include perjury, obstruction of Congress and conspiracy.
The committee said it is asking Reno to appoint an independent counsel to investigate whether criminal charges should be brought, focusing on the actions and statements of U.S. Ambassador to Croatia Peter Galbraith and former U.S. Ambassador Charles Redman, who was U.S. special envoy to the Balkans in 1994.
The excessive secrecy led to concerns among CIA officials, including then CIA Director R. James Woolsey, that an unauthorized covert action might be underway behind their backs.
At the time, President Clinton agreed to have two U.S. diplomats tell Croatian President Franjo Tudjman that they had "no instructions" when he asked how the United States would respond to the Iranian arms shipments.
When the secret policy was revealed this year, congressional leaders were angry that Clinton had

given the green light at a time he was threatening to veto congressional efforts to lift the arms embargo.
Republican critics have also charged that Clinton's policy needlessly gave Iran a "foothold" in Europe, increasing the terrorist threat to U.S. troops now on peace-keeping duty in the Balkans.
Some Republicans on the intelligence committee concluded that the Clinton team did break the laws governing covert action, but committee chairman Sen. Arlen Specter, R-Pa., made it clear that he didn't push that view because he was eager for a report that could win bipartisan support. Instead, he noted that the report "is a primer as to how perilously close they came."
After the initial "no instructions" message was delivered, there were other incidents in which U.S. officials may have helped facilitate Iranian arms shipments into Bosnia that the committee found troubling.
One such incident occurred in September 1995, when the U.S. sent personnel to Croatia to inspect long-range rockets bound for Bosnia, but once it was determined that the rockets were not equipped with chemical warheads, American officials did not object to allowing them to continue on to Bosnia.

Japan Re-elects Ryutaro Hashimoto To Second Term as Prime Minister

By Sonni Efron
LOS ANGELES TIMES

TOKYO
Ryutaro Hashimoto was elected to a second term as Japan's prime minister Thursday and picked a new Cabinet composed mainly of old-guard Liberal Democratic Party warhorses.
Breaking with tradition, Hashimoto also installed powerful party veterans — including several former Cabinet ministers — in the vital second-in-command ministry posts that are usually granted to fresh political talent.
Observers saw Hashimoto's strategy as trying to compensate for a weak political mandate with this double layer of experienced party loyalists, ministers he hopes will prove strong enough to escape capture by the entrenched and wily bureaucrats who tend to wield the real power in Japan.
Hashimoto has made reining in the overweening bureaucracy a top priority for his second term. The question now is how well he will

succeed in implementing his political agenda as head of a minority government.
The Liberal Democratic Party, or LDP, won 239 seats in the House of Representatives in last month's elections, 12 seats short of a majority. Unable to form a coalition government, Hashimoto struck a loose alliance last month with his battered former allies, the Social Democratic Party and the New Party Harbinger, agreeing to work together toward certain policy goals.
That deal gave Hashimoto the votes he needed to win the prime minister's post on the first ballot Thursday.
Political analysts saw no major change in the U.S.-Japan relationship now that Hashimoto and President Clinton have both been re-elected. However, Hashimoto's survival may pave the way for progress on joint security issues. Washington has had to deal with a merry-go-round of short-serving Japanese prime ministers for more than three years. Hashimoto may have more

leeway to pursue his conservative defense agenda now that he is not so tightly bound to a Socialist coalition partner.
Hashimoto's new Cabinet includes only two holdover members, Foreign Minister Yukihiko Ikeda and Chief Cabinet Secretary Seiroku Kajiyama. The remaining 18 ministries were neatly parceled out among the LDP's four main factions. The powerful intraparty clans are supposed to be withering away as part of Japan's political reform process, but the factions have not disappeared yet.
The difficult job of running the Finance Ministry, which is slated to become the first agency to have its powers pruned back by the new parliament, went to Hiroshi Mitsuzuka, leader of one of the LDP's biggest factions.
Mitsuzuka, 69, has held three previous Cabinet jobs, including stints as foreign minister; now as finance minister, he will inherit the railway's hangover of nearly \$250 billion in debts.

Army Officers Charged with Rape, Harassment of Recruits

LOS ANGELES TIMES WASHINGTON

The military was hit by another major sexual harassment scandal Thursday as the Army disclosed it has charged a captain and two sergeants in connection with the rape or harassment of more than a dozen female recruits at a training base in Maryland.
The incidents allegedly occurred at the Army Ordnance Center at Aberdeen Proving Ground, Md., which provides 16 weeks of basic training for some 3,500 newly enlisted soldiers at a time.
Those charged include:
—Capt. Derrick Robertson, a company commander at the school, who is accused of rape, adultery, conduct unbecoming an officer and improper fraternization with subordinates.
—Sgt. Delmar Simpson, a drill instructor, who is charged with rape, sodomy, adultery, obstruction of justice and improper fraternization with subordinates.
—Staff Sgt. Nathaniel Beech, also a drill instructor, who is charged with disobeying an order, obstruction of justice and improper fraternization with subordinates.
Army officials said Simpson has been jailed, while Robertson and Beech have been relieved of their duties pending disposition of their cases. All three are said to be facing almost certain courts-martial.
Under military law, a conviction on a charge of rape carries the possibility of a life term. Until a few years ago, the maximum penalty was death, but the U.S. Supreme Court ordered that changed.

Kemp's Future Political Plans Seem Uncertain Right Now

LOS ANGELES TIMES WASHINGTON

Apparently, Jack Kemp still has a lot to say.
He was back at the podium last night, talking the same talk, almost oblivious to the fact that the election had ended and the Republican ticket on which he was running for vice president had already lost.
In his concession speech Tuesday night, Kemp vowed to remain active in pushing the issues he cares about. Whether he might pursue the White House himself four years from now is anybody's guess.
Many GOP leaders believe Kemp did not hold his own in his nationally televised debate last month with Vice President Al Gore. Not only did Kemp strike some as unprepared, but he was criticized by fellow Republicans for holding his punches in addressing questions about President Clinton's character.
Wayne Berman, Kemp's campaign manager, said he does not think Kemp himself knows exactly what lies ahead of him. "He's going to keep pushing the Republican Party toward the party of Lincoln and away from the kind of exclusionist extremism that it sometimes falls into," Berman said. "He has to decide whether he wants to do it in the inside or from the outside."

AOL Posts Losses of \$354 Million

THE WASHINGTON POST WASHINGTON

America Online Inc. Thursday reported a loss of \$353.7 million in the quarter that ended Sept. 30 as it implemented a new accounting method. The loss, caused largely by a one-time charge for past expenses, exceeded all the profits the company had ever reported.
AOL reported a quarterly loss of \$10.3 million a year ago.
In revenue, the company continued to grow, but its recent explosive expansion appeared to be slowing. Revenue rose to \$350 million in the latest quarter from \$198 million during the same period a year earlier, an increase of 76.8 percent. During the quarter that ended June 30, the company's revenue was up 120.2 percent compared with the quarter a year earlier.
The company said it experienced a surge in subscribership in October, after the quarter ended, adding 250,000 people in the United States. Worldwide, AOL now claims about 6.9 million members.
For the quarter, however, the company's subscriber rolls appeared to grow at a slower rate on an annual basis. The company said it added 365,000 U.S. subscribers during July, August and September, compared with 710,000 during the same period a year earlier. The July-September quarter was an improvement over the April-June one, when the service added only 312,000 U.S. subscribers.

Honda Plans to Sell Low-Pollution Car That Runs on Natural Gas

LOS ANGELES TIMES DETROIT

Honda Motor Co. said Thursday it will begin selling a natural-gas-powered small car next fall that emits the lowest level of pollutants of any vehicle equipped with an internal combustion engine.
The company, which has made a name for itself in producing low-pollution engines, said it would begin producing the Civic GX in the 1998 model year that begins next September.
The vehicle, which has a 1.6-liter engine, will be built in East Liberty, Ohio, on the same line used to make conventional Civics. It will cost about \$19,500, or about \$4,500 more than a comparably equipped Civic LX.
Honda's entry into the natural-gas market in 1997 comes as the federal Energy Policy Act takes effect. The statute requires state governments and gas utilities to buy natural-gas vehicles for their fleets.
The company said that the natural-gas vehicle, which has a range of about 260 miles before refueling, will only be sold to commercial users. Officials said the lack of adequate refueling stations makes retail sales difficult at this point.
Natural gas is seen as a good alternative to gasoline because it is cheaper and plentiful in North America. Also because it can be used in today's internal combustion engines with only a few modifications, natural gas is seen as more practical than battery-power cars.

OPINION

Letters To The Editor



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Husain and Karlo Write Lousy Columns

I don't normally take the time to write letters to the editor, but now I feel obligated. The reason? The lousy columns that have been occupying the pages of *The Tech* in recent issues, written mostly by Thomas R. Karlo '97 and A. Arif Husain '97.

I don't particularly enjoy being critical, but I thought that I should let the editors know that these columns are not only completely irrelevant to me (for the most part) but also

are not interesting or convincing.

Husain's columns about informational computing are not humorous or persuasive. I don't even know what he is trying to say, and because of this I don't want to read them. Karlo's columns are generally unsubstantiated and uninformed. When he wrote that MIT could better spend the \$15 million Gates donated to Harvard, he didn't give worthwhile specific uses for the money. A new building for computer science perhaps would have been a good example.

Who cares? How about a need that we can all agree on, namely improving MIT's miser-

able athletics facilities.

My suggestion is that these writers get over the excitement of seeing their stippled, *Wall Street Journal*-style pictures in *The Tech* and write a column only if they can satisfy these criteria:

1. What they are saying is not obvious,
2. They have detailed facts that are not known to the public,
3. They can construct a persuasive argument, or
4. Their columns are genuinely original and humorous.

Benjamin A. Ellis '97

E-Mail Should Not Stifle Art of Writing

Column by Thomas R. Karlo
CONTRIBUTING EDITOR

The summer before my freshman year at MIT, my family had dinner with one of my dad's old friends. Three years later, I can't remember most of what we talked about, but one part of the discussion remains within the bounds of my foggy memory. We were talking about how at MIT the use of e-mail was quickly replacing phone calls and regular mail as well.

It's one remark from that discussion that pops up in my mind once in a while. My host that night wasn't what I would call a traditionalist or a romantic — to describe him as an ex-Marine and veteran, which he was, would express his personality better. But when we were talking about how soon people would use e-mail for everything, he pointed out that you would never write a love letter by e-mail or ask a girl out. And at that time, I had to agree.

After years here at MIT, I have of course realized that I was wrong in accepting this

people to communicate in one manner or another. But I do feel that we should be concerned about how we treat e-mail messages from friends and lovers. As a community, MIT needs to be aware that in the rush toward the casual, instantaneous dialogue of e-mail and Zephyr messages, we may be leaving some values behind.

A handwritten letter is a powerful thing. It demands careful reading, and some reply. This is because you can feel the care and effort the writer spent in composing, writing, and sending the letter. When you read it, you can see how the writer's hand became unsteady during some passages, how the writer rushed through others, and how the person struggled with words at times. All of this is lost in e-mail, and while that's not such a tragedy, the fact that people reading the message forget that fact can be. Too often do people neglect to reply to e-mail from friends, keep in touch with family, and generally keep our connections fresh. Considering how easy it seems to send e-mail, this is particularly ironic.

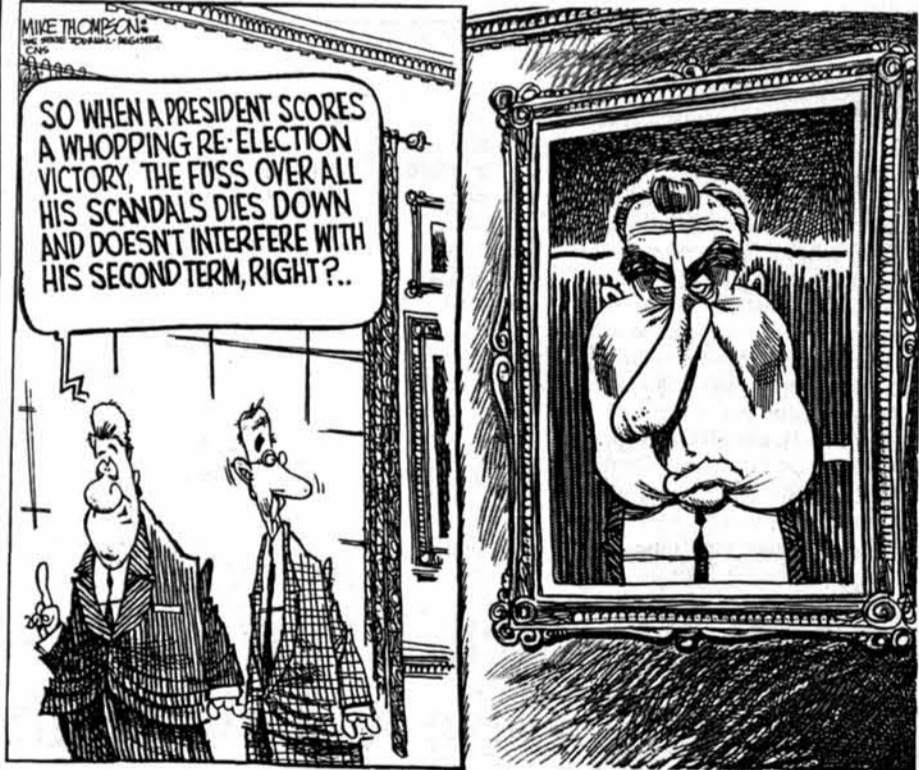
E-mail transmits a particularly broad range of communication styles. From the formal structure of the written letter to the banter of a phone call to the terse information of a telegram, different people approach the medium with different styles. We need to be sensitive to all these styles when reading and interpreting messages sent to us. When my dad sends me e-mail, it reads like he's paying by the letter; others send me several page-long streams-of-consciousness. I value both equally; both types of writers are extending themselves to me, and they deserve a well-considered, honest reply.

The next time you pull down the menu on your mail program to send out a new message or reply to a friend's letter, think about the opportunity you've been given to keep in touch with the folks you care about. A hundred years ago people spent time laboriously scribing letters longhand onto paper and sending them by mail. Surely you can spend a few extra moments to tell your friend how you're doing or ask how he is.

MIT needs to be aware that in the rush toward the casual, instantaneous dialogue of e-mail and Zephyr messages, we may be leaving some values behind.

limitation. E-mail is a communication medium, and like any other way of communicating, people will use it to discuss whatever they find important in their lives. When the telephone was first developed, people thought it would be used for receiving news, entertainment, etc. The killer application, it turned out, was to let people talk about the same mundane things they would discuss if they were in the same room. We're human beings — it's this basic level of communication that keeps us happy and alive.

So why am I worried? I don't expect people to go back to using pen and paper to send letters to each other. I'm someone who spends much of his time writing, and yet I can't remember the last time I mailed something that wasn't either a bill or a magazine subscription. I also don't believe you can force



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Dissents, marked as such and printed in a distinctive format, are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

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Letters to the editor are welcome. They must be typed, double-spaced and addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format are encouraged, and may be mailed to letters@the-tech.mit.edu. All submissions are due by 4:30 p.m. two days before the date of publication.

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

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Election Day Harassment Turns Away Would-Be Voters

Column by Douglas E. Heimbarger
STAFF REPORTER

With so much at stake in Tuesday's elections, a record low number of voters turned out at the polls. Why did this happen? From what I saw as an election worker in Weston and Boston on Election Day, the rampage of campaign workers are at fault, making it difficult for voters to vote without harassment.

Tuesday was the last presidential election for the 20th century. Besides electing officials to thousands of state and local offices, voters would elect all the members of the House of Representatives and one third of the Senate. In short, the election would determine the course of the country for the next four years.

But even with so much at stake, voters seemed to ignore the election completely. Only 49 percent of voting-age adults turned

ers could cast their ballot without harassment. Indeed, it was so high that the policeman at the precinct was not needed to keep the peace but instead was used to direct the steady stream of cars to the relatively few parking places at the church.

Unlike in Weston, polls in Boston were not so serene. Instead, they were more like riot zones. Over a hundred supporters of various candidates — including even the Unabomber — wielded signs on posts at the Boston Public Library precinct in Copley Square. Every lightpole outside the library had been taped and retaped with posters for almost every candidate on the ballot.

The trickle of voters had to fight their way through the boisterous mob thrusting a pile of brochures at them just to get to the front door. Some ducked their heads and tunneled their way through the crowd. Others just turned and went back home.

Most of the screaming went on between the supporters of opposing candidates, further increasing the tension in the air and antagonizing the voters, causing many to go home instead of voting. A fierce battle was being fought between the Kerry and Weld supporters, with each candidate's supporters making accusations against the other. As the Weld campaign unveiled a 12-foot banner, the Kerry supporters called headquarters on their cellular phones for reinforcements and more signs.

These two polling sites illustrate the extremes of elections. Turnout was markedly higher in the Weston precinct than in Boston. Clearly, the presence of so many supporters was a deterrent to voting in Boston.

So what can we do to improve turnout? Obviously, we need to make polling places like Weston. But the First Amendment only allows a limited level of regulation of Election Day activities by campaigns. Perhaps Massachusetts can institute a policy like Virginia's which prohibits the presence of supporters within 50 feet of the polling place, forcing supporters to spread out and clearing a path to the polls for voters. Massachusetts could also prohibit the posting of political advertisements on public property even on Election Day, thus keeping the election environment uncluttered and keeping the polling place from looking like a continuous election advertisement.

Finally, the staffs of the campaigns should realize that the presence of too many supporters distresses the voters. While the presence of a volunteer or two may have helped the campaigns in Weston, the presence of 20 at the library was obviously extravagant and probably counterproductive to the parties.

By decreasing voter turnout, aggressive supporters are not only hurting their candidate

but also hurting the election process in general. They are helping to turn off voters from the process that has created the great democracy of the United States over the past 200 years and that keeps it strong today.

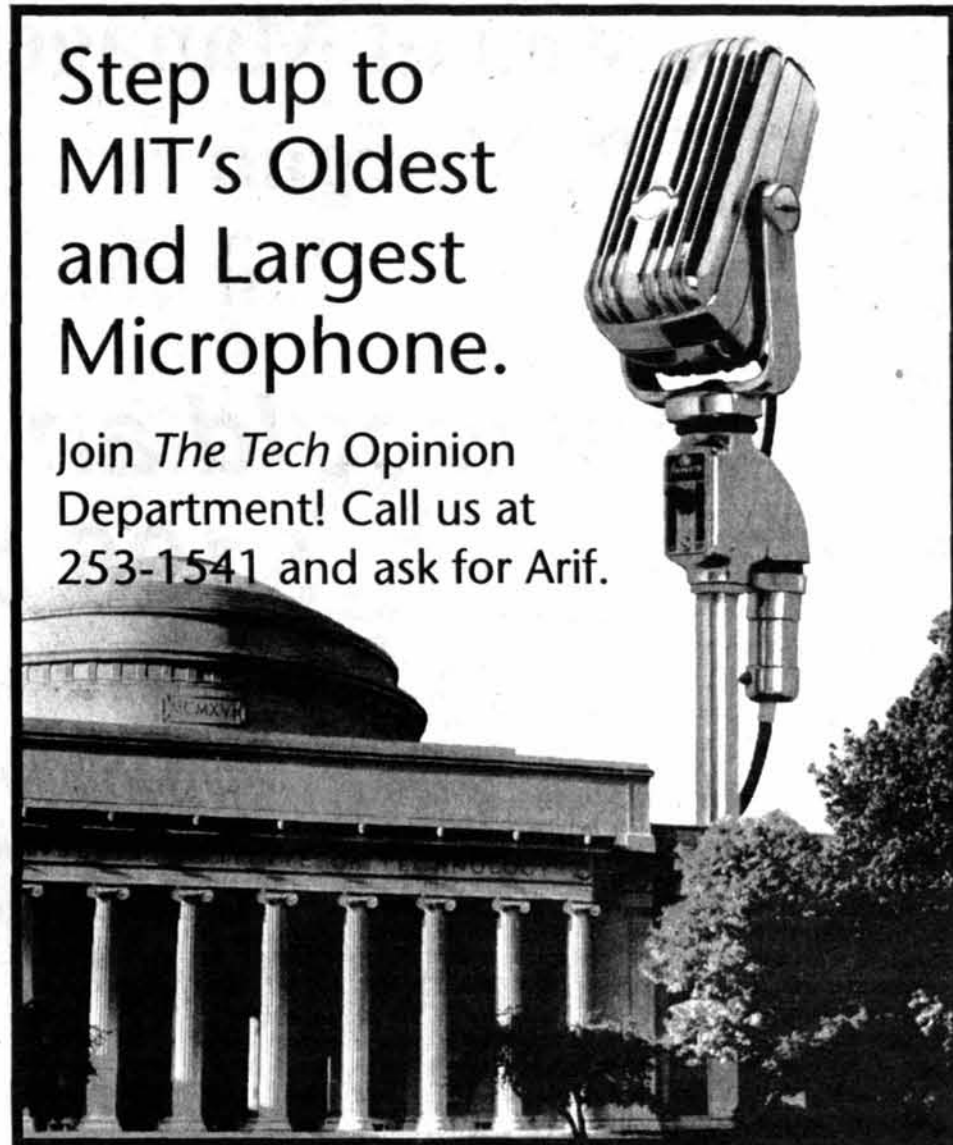
If we can reform our election process so that voters aren't harassed at the polls, we can again make voting an American tradition and not just another chore.

Only one in four adults actually voted for our president. Voters aren't taking their responsibility seriously

out to vote this year, down from 55 percent in 1992. With 49 percent of the vote going to Clinton, only one in four adults actually voted for our president. Voters aren't taking their responsibility seriously.


People from part of Weston voted peacefully at a church just outside of downtown. Turnout was heavy; over 500 of the 2,000 registered voters had already voted by 9 a.m. The precinct expected over 90 percent turnout. The reason for the high turnout was that voters here did not have to pass a steady stream of campaign personnel wielding signs and banners on their way to the polls there. Instead, they could easily cast their vote without interference. Surprisingly, there was only one supporter actively working at the polling place, and he was merely walking around with a sign supporting a candidate for county sheriff.

Turnout was high in Weston because vot-



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MIT's Student Government

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UA

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QUESTIONS? email ua-comments@mit.edu

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New Dean's Office Turns Focus to Communications

By David D. Hsu
NEWS EDITOR

The Office of Undergraduate Education and Student Affairs, which expanded to include about 10 more offices last month, is in the process of developing communication within its new structure.

The Dean's Office was reorganized by President Charles M. Vest. The changes involved shifting control of several offices that were formerly managed by MIT's operations end over to the Dean's Office. These newly added offices include the Department of Housing and Food Services, the Campus Activities Complex, the Registrar's Office, the Bursar's Office, the Student Financial Aid Office, Career Services and Preprofessional Advising, and several others.

In general, "it'll take a while but not a long while to see changes," said Dean for Undergraduate Education Rosalind H. Williams, head of the Dean's Office.

The Dean's Office has to have the new infrastructure in place

before any large changes occur, Williams said.

Getting the infrastructure in place involves each division within the Dean's Office getting basic organizational and personnel information, said Dean for Student Life Margaret R. Bates.

At the same time, the divisions are trying to get a common understanding of how to proceed with programs in the short run, Bates said. The office is evaluating if it has enough resources to pursue its goals.

"We're in the process of understanding what... the needs are going to be," said Director of Administration and Operations Stephen D. Immerman. Immerman was moved into the Dean's Office as part of the reorganization.

The division heads in the Dean's Office are meeting every other week, Williams said.

Part of what will come out of these meetings is a five-year plan for the Dean's Office due out in December, Williams said. This plan

will include budgets for all the divisions as well as a mission statement addressing short- and long-term issues.

Immerman and Richard L. Brewer, manager of administration in the Dean's Office, will be writing the plan, Williams said.

One motivation behind the reorganization was to improve office reporting lines.

Bates and Immerman are serving as liaisons to the divisions, Williams said. "These are interim liaison roles, not fixed reporting lines."

Immerman is serving as a liaison to the groups new to the Dean's Office because of his established working experience with those divisions, Bates said. Bates is the primary liaison to offices originally in the Dean's Office.

The primary goal is not to clarify reporting lines but rather to focus on working communications, Bates said.

"Ultimately, they're all reporting to me," Williams said.

Part of the communications push

is to get the divisions to talk to each other and to coordinate on common issues, Williams said.

For example, the Office of

administrative boundaries and efforts are easier to coordinate.

Bates, the team captain of the HARL team, also said the reorganization has helped re-engineering. The team can now concentrate on details instead of worrying about reporting lines.

Many members of the Dean's Office, including Williams, Bates, and Immerman, are involved with re-engineering. The reorganization makes it possible for re-engineering to work with the Dean's Office, Bates said.

It is still too early to talk about staff changes, Immerman said. Whatever further changes that do occur within the Dean's Office will occur in the same public manner that re-engineering would produce, he said.

RCA is "in sort of a holding pattern," Jablonski said. RCA will await the results of the HARL team which is looking at a structure to merge HFS and RCA.

"This is speculative on my part, but I would venture that we have two solid years of substantial change ahead of us," Immerman said.

"In the longer term, we want to look across the office and see what our commonalities are."

—Rosalind H. Williams

Residence and Campus Activities has been asked to name people to work on projects that would cut across offices under the Dean's Office, said Associate Dean for RCA Margaret A. Jablonski.

On common issues, RCA will be working with other groups to submit a joint budget, Jablonski said.

Re-engineering better coordinated

"In the longer term, we want to look across the office and see what our commonalities are," Williams said.

"Much of that agenda in terms of change is determined by re-engineering initiatives already underway," Immerman said.

The housing and residential life re-engineering team, the co-curricular team, and the financial and academic services transition team are all looking at processes common to several divisions within the Dean's Office, Williams said.

The reorganization of the Dean's Office speeds up re-engineering, Williams said. There are fewer

Transition has been smooth

The transition to the expanded Dean's Office has progressed smoothly.

"There's always some confusion," Williams said. But since the new divisions were well managed, they have dealt well with the changes.

The restructuring has given people a greater level of certainty, Bates said. People no longer have to worry about where to report, and they can instead think about how to work together more effectively.

It has been much easier to interact directly, Jablonski said. Some of the roadblocks to communication have disappeared, she said.

Clinton's Financial Aid Proposals Would Have Mixed Impact on MIT

By Zareena Hussain
STAFF REPORTER

President Bill Clinton's re-election may have an important impact on the education of current and future MIT students.

"There's going to be a definite focus on education. Educational opportunity will expand more in the future," said Areej Hassan '99, president of the MIT College Democrats.

Among Clinton's election year proposals were a \$1,500 tax credit

for the first two years of college as well as a \$10,000 tax deduction specifically targeted to help parents pay for college tuition.

While many may have voted for Clinton for his commitment to helping Americans finance education, the details of how to finance these proposals have yet to be worked out.

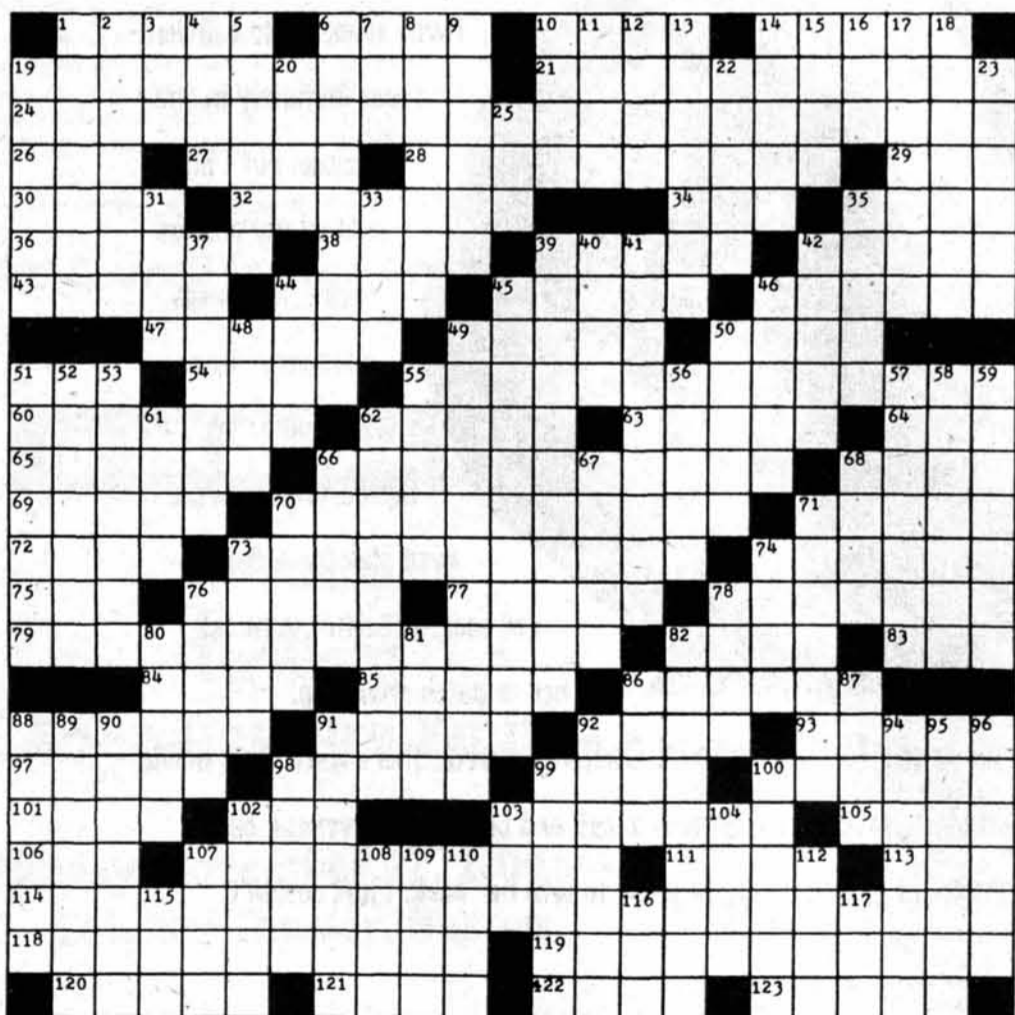
"There has been considerable bipartisan criticism of the proposals as they now stand," said Director of Student Financial Aid Stanley G.

Hudson.

The effect of a tax credit and tax deduction would result in a decreased tax liability for families, Hudson said. Eligibility for aid, both federal and institutional, is determined by subtracting taxes paid from income.

While families who do not currently receive need-based aid would realize the full benefit of the tax savings, needy families would

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| <p>ACROSS</p> <p>1 French Revolutionary leader</p> <p>6 Enervates</p> <p>10 Blow gently</p> <p>14 Stage play</p> <p>19 Ability to say and do the right thing</p> <p>21 Distribute land equally</p> <p>24 BEGINNING OF OGDEN NASH POEM</p> <p>26 Was a candidate</p> <p>27 Church projection</p> <p>28 Wills</p> <p>29 Sum total (abbr.)</p> <p>30 Miss Korbut</p> <p>32 Sexual deviate</p> <p>34 Boxing term</p> <p>35 Faithful</p> <p>36 Poet ----- Aretino</p> <p>38 ----- souci</p> <p>39 Home of the dead</p> <p>42 Shakespeare called it "Candy"</p> | <p>43 Miss Bernhardt</p> <p>44 ----- Marian</p> <p>45 Dickens character</p> <p>46 "Doctor -----" (Crosby musical)</p> <p>47 Fame</p> <p>49 ----- Andronicus</p> <p>50 Consign to death</p> <p>51 ----- Victor</p> <p>54 Soviet News Agency</p> <p>55 Jack Nicholson movie</p> <p>60 Gives refuge</p> <p>62 Dromedary</p> <p>63 Advise</p> <p>64 Spanish gold</p> <p>65 Clothed</p> <p>66 Those whom others emulate</p> <p>68 Semite</p> <p>69 ----- out (parachutes)</p> <p>70 Child film star</p> <p>71 Tight, said of money</p> <p>72 Italian wine city</p> | <p>73 Class of flavor experts</p> <p>74 Minter</p> <p>75 Postman's beat (abbr.)</p> <p>76 Cravings</p> <p>77 British guns</p> <p>78 Loud blast of trumpets</p> <p>79 Sale seekers</p> <p>82 Ship part</p> <p>83 Dangerous drug</p> <p>84 Leslie Caron movie</p> <p>85 Attenders</p> <p>86 Mad -----</p> <p>88 Walks pompously</p> <p>91 Dens</p> <p>92 Hip joint</p> <p>93 Tiny unit of measure (pl.)</p> <p>97 Abounds with</p> <p>98 Catherine and Sir Thomas</p> <p>99 Leg part</p> | <p>100 ----- one's ----- (alert)</p> <p>101 Grate</p> <p>102 Continent (abbr.)</p> <p>103 Silent screen star</p> <p>105 Mountain range</p> <p>106 Function</p> <p>107 ----- the sky (infinite form)</p> <p>111 Musical finale</p> <p>113 Diminutive suffix</p> <p>114 MIDDLE OF OGDEN NASH POEM</p> <p>118 Science of flying</p> <p>119 Raised decorations</p> <p>120 Frame of mind</p> <p>121 END OF OGDEN NASH POEM</p> <p>122 Bring up</p> <p>123 Succinct</p> |
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| <p>1 Miss Jackson</p> <p>2 Mrs. Peel, e.g.</p> <p>3 Decay</p> <p>4 Grass genus</p> <p>5 Too much, in music</p> <p>6 Workshop items</p> <p>7 Be ill</p> <p>8 Feign</p> <p>9 Ed Norton's work place</p> <p>10 Electrical unit</p> <p>11 Turkish title</p> <p>12 Oil filter brand</p> <p>13 Band leader's direction</p> <p>14 Same here</p> <p>15 Stool-pigeons</p> <p>16 Chemical suffix</p> <p>17 Mosque's tower</p> <p>18 Angular distance in astronomy</p> <p>19 Razor sharpeners</p> <p>20 Unite</p> <p>22 Skating floors</p> <p>23 High regard</p> <p>25 Suffix: one who does</p> <p>31 Perfume: var.</p> <p>33 Fruitless</p> <p>35 Put me to the test</p> <p>37 Speakers</p> <p>39 Malicious mail</p> <p>40 Chills and fever</p> <p>41 Calamities</p> <p>42 ----- boy</p> <p>44 Auto racing great</p> <p>45 "Pride and Prejudice" girls, e.g.</p> <p>46 Know the -----</p> <p>48 Loki's son</p> <p>49 Functionless activities</p> <p>50 Stainers</p> <p>51 Heated argument</p> <p>52 Card game</p> <p>53 Judge</p> <p>55 Aspect</p> <p>56 Endings for young and old</p> | <p>57 Pertaining to a crown</p> <p>58 Blackboard essentials</p> <p>59 Became temperate</p> <p>61 "The Road to -----"</p> <p>62 Sucrose</p> <p>66 Indian sect or lipser's trousers</p> <p>67 Ifs partners</p> <p>68 Arabic letter</p> <p>70 Moslem supernatural being</p> <p>71 Scorn</p> <p>73 Cries</p> <p>74 Hurl</p> <p>76 Delays</p> <p>78 ----- Morgana</p> <p>80 Sulk (colloq.)</p> <p>81 Black: Fr.</p> <p>82 Makeup man</p> <p>86 Celeste -----</p> <p>87 Miss Hayworth</p> <p>88 Layers</p> <p>89 Instructs</p> <p>90 Begin again</p> <p>91 He mourns: Sp.</p> <p>92 "----- Back to Old Virginny"</p> <p>94 Newspaper items</p> <p>95 Plentifully supplied</p> <p>96 Value</p> <p>98 Polynesian loincloth</p> <p>99 Jail</p> <p>100 Most peculiar</p> <p>102 New stars</p> <p>103 Sports organization</p> <p>104 Cribbage term (pl.)</p> <p>107 Temporary dwelling</p> <p>108 Suffix: of the kind of</p> <p>109 Cocaine source</p> <p>110 Have, old style</p> <p>112 Highest point</p> <p>115 Samoan warrior</p> <p>116 Philippine tree</p> <p>117 Poetic term</p> |
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PUZZLE SOLUTIONS FROM LAST ISSUE



Where inarnation did I get these FREE Movie Tickets?



(These freebies are enclosed when you buy a specially marked NYNEX Prepaid Calling Card.)



The last thing I remember was getting home about 43 minutes after I was supposed to call Jen. I was definitely in the doghouse. But I had used up my change trying to remedy a laundry fiasco where all of my tightie-whities were dyed pink by a single red sock. I couldn't even call her to patch things up.

So I stopped at the store and bought a NYNEX Prepaid Calling Card. There were FREE movie tickets in the package. Then it hit me: Not only could I use my Prepaid Card to call and beg her forgiveness, but I could take her to a FREE flick, too. I knew I had thought up something brilliant to win her back. I just couldn't remember what it was. Hope she likes pink.

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Low-Grade Hacker Briefly Halts E-Mail

By Brett Altschul
STAFF REPORTER

Some MIT computer systems came under attack last week, briefly halting e-mail delivery. However, programmers from Information Systems rapidly restored the systems' integrity.

The attack was probably perpetrated by less-than-top-grade hackers, said Thomas J. Coppeto '89, a programmer for IS who worked on the problem. "The people doing this just aren't that smart."

IS heard about this sort of attack occurring other places recently, Coppeto said. "There has been source code published on the Internet that sends packets to a machine and causes it to stop accepting connections," he said.

"In this case with the mail servers, they stopped accepting mail connections," Coppeto said. "The mail servers were unable to process requests to deliver mail. Mail wasn't moving."

The attack went on for about a week before being noticed, Coppeto said. "There was a little performance degradation here and there. It got bad enough [last] Wednesday or Thursday for us to notice."

"One thing that confused us was that they didn't attack the more famous machines, like mit.edu," he said. "The attacks were aimed against the more back-end machines."

Attacks of the same type are still occurring but without any further effect and on a smaller scale, Coppeto said. "After a while, the people get bored and go pick on somebody who isn't as protected as we are."

Attack difficult to trace, easy to fix

The attack requires a slow but constant stream of packets, about one each second, he said. "With tens of thousands of packets floating around, you can't just look at the big volume users when you're trying to find the source of the attacks."

Although it is not impossible, it is extremely difficult to trace this kind of attack, Coppeto said. The difficulty stems partially from the fact that the address each packet apparently comes from is fake. Moreover, the bogus address is different on each individual packet, making it almost impossible to tell which packets are involved in the attack.

IS had heard about other institutions suffering attacks of this nature, but MIT has never been targeted by a serious attack of this type before, Coppeto said.

"It took us a little while to realize that this was the kind of thing we'd been hearing about," Coppeto said. "When we noticed the problem and looked at the servers, there wasn't anything wrong with them, so people were wondering why they weren't working properly. Eventually, we figured out that this was the kind of attack that people had been talking about lately."

Coppeto said that the problem was solved easily once programmers identified it. "We basically had to recompile the kernel operating system," Coppeto said. "From down time to up time, it was only about four hours."

The system is fortified very well now, Coppeto said. "The way it's set up now, the normal traffic has more effect than one of these attacks, and there are various kernel patches out there that provide even better protection."

There will not be any further problems with mail if we are subjected to more attacks like this one, he said.

MIT is very fortunate to have kernel source code on hand and programmers capable of implementing the necessary repairs on duty, Coppeto said. "I really do feel sorry for the sites that don't have access to the sources for their operating systems and can't install the patches on the fly because they might be down for days."

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It's Official: Jens Declared Ugliest Thing on Campus

By Liz Krams
STAFF REPORTER

The week-long Ugliest Manifestation On Campus contest sponsored by Alpha Phi Omega ended last Friday with a landslide victory by last year's runner-up, Steven E. Jens '97.

The contest, which is run annually by APO, a national coed service fraternity, raises money for a charity of the winner's choosing.

Candidates campaign to be UMOC and receive votes in the form of pennies. The voting takes place in Lobby 10, and whoever has the most pennies wins.

This year the contest raised \$818.79, which will be donated to the American Cancer Society. The total amount is down from last year's \$913.64.

Jill R. Pelavin '98, UMOC project chair, said that she was "hoping

for a little more money," since this year's goal was to break the \$1,000 mark. The amount raised was mostly based on the campaigning done by the candidates, Pelavin said.

Even though the contest was not as successful as APO had hoped, Pelavin said that she was "happy that the MIT community can put their pennies to a good cause."

The candidates received gift certificates for participating(?), and

Jens received a trophy, which was a paper bag with plastic eyes placed on a wooden pedestal.

Jens wins with huge margin

Jens won the contest with \$630.14. Douglas K. Wyatt G came in second place with \$41.43. In third place was the new sculpture by the Sloan School of Management with \$40.25, followed by Jay P. Muchnij '97 (\$37.43), Ernest D. Aguayo '97

(\$35.44), Omri Schwarz '97 (\$20.93), and Donald K. Gordon '00 (\$6.70).

The competition practically revolved around Jens, who was out to avenge last year's 47-cent loss to a year-old jug of milk. Aguayo said on his candidate sheet that his reason for running for UMOC was that "someone's got to run against the Jens brothers."

"I am terribly disappointed about coming in second place," Wyatt said. "I thought it would be clear to everyone on campus how naturally ugly I was. But I guess being second ugliest is better than nothing."

Jens' campaign was a family effort. He got his hair styled at his sister's college. His twin brother from Princeton University had the week off and spent the time campaigning. His mother called relatives and asked them to add money to his campaign.

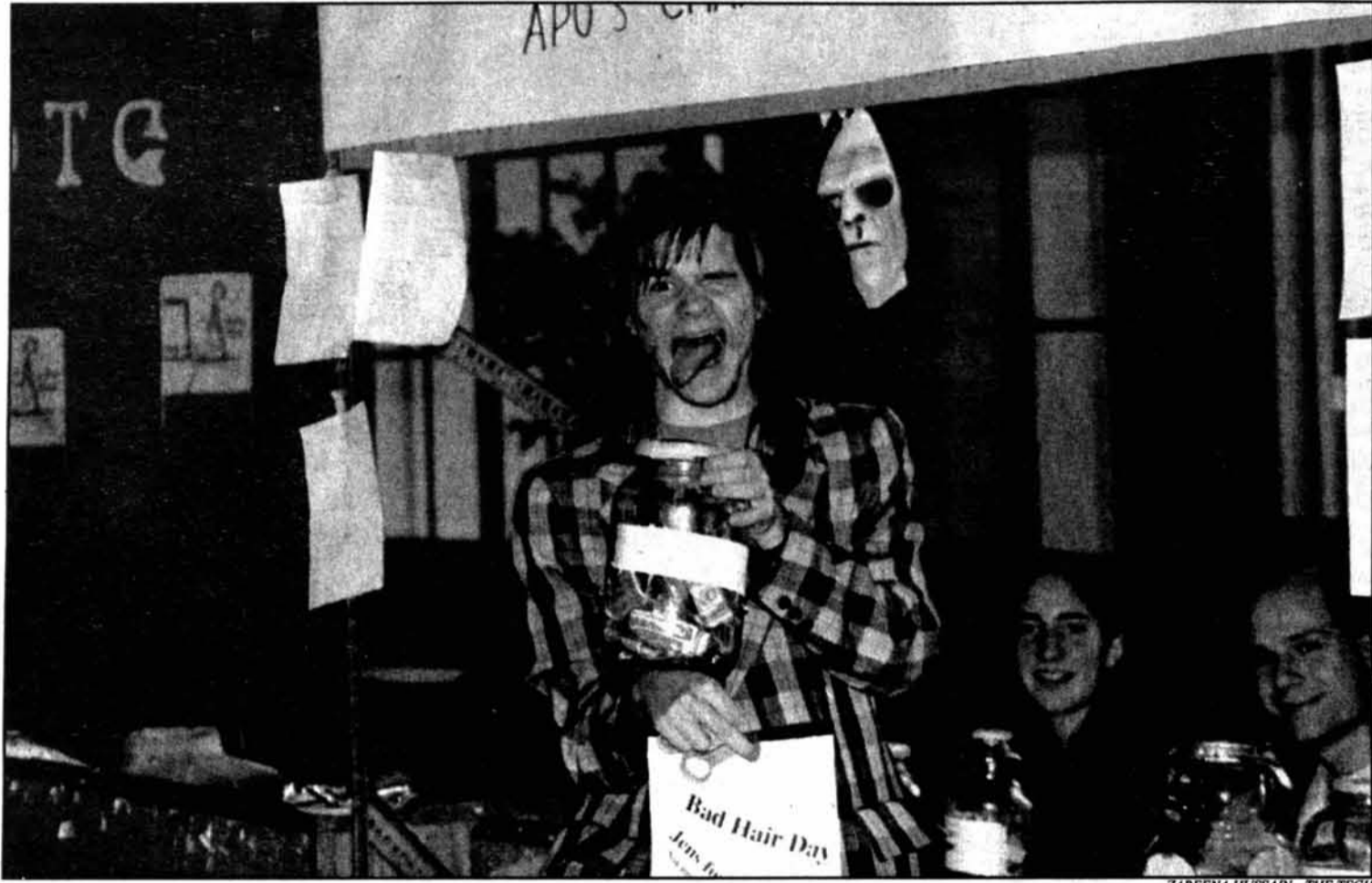
Jens' campaign centered around what he said made him stand out from the other candidates — his "ugliness of the soul."

His slogan was "Not Just Another Ugly Face." In the spirit of his slogan, Jens started off the week with a "bad hair day" day during which he offered to give passers-by bad hair cuts or pieces of his own hair. Later on in the week he played bad music and cooked bad food in order to show the ugly side of his personality.

Jens' reason for running was that the contest was "good excuse to make a fool of yourself and raise money for charity."

Pelavin said that the contest was not meant to be demeaning but rather fun.

Pelavin not only expressed hope for raising more money next year, but said that it would be good "if more people can run as things on campus." She also said that groups could work together and run representing one thing.



Steven E. Jens '97 won this year's contest for the Ugliest Manifestation on Campus.

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Graduate Students Compare Notes at National Meeting

By Austin Frakt

Graduate Student Council President Constantine A. Morfopolous G joined other graduate student leaders from across the nation at the 11th annual conference for the National Association of Graduate and Professional Students in Santa Monica, Calif. from Oct. 24 to 27.

A record number of 80 universities were represented at the conference, with about 150 individuals participating. The NAGPS has 137 member graduate student associations representing about 750,000 graduate and professional students.

"The MIT GSC has attended the past three conferences including this year's. In the future I anticipate our participation to continue and to grow, especially since the 1998 conference is in Boston," Morfopolous said.

At the conference, graduate leaders compared notes on their respective institutions and graduate organizations. "MIT's GSC is held in high regard by our peers at other institutions, particularly for our graduate orientation, which we do without administrative financial support, and also for the successful organization of our recent career fair," Morfopolous said.

Seminars on a variety of issues that impact graduate and professional students or graduate student associations were also offered at the conference. This year's conference included seminars in leadership training, networking, strategies for graduate and undergraduate collaboration, securing benefits for graduate student employees, and the future of financial aid.

"One day was devoted to post-graduate employment, which was very interesting. The results of a survey were presented by the dean of the graduate school of the University of California at Berkeley revealing some of the shifts in graduate student employment across dif-

ferent disciplines from academia to industry and vice versa," Morfopolous said.

The NAGPS deals with student issues like financial aid, graduate student employment, health insurance, international student affairs, and income tax. The positions adopted at this year's conference include:

- Strong opposition to California's Proposition 209, a referendum to eliminate all affirmative action programs in the state, including those that specifically benefit graduate and professional students. The proposition was passed by California voters on Tuesday.

- A call to graduate schools to implement policies designed to recruit and retain graduate students from diverse populations.

- A vote to pursue the creation of an international graduate student association in cooperation with existing groups in other nations.

- Support of a National Day of Action in February designed to draw attention to the right of graduate student employees to collectively bargain.

- Confirmation that the first week of April will be the Fourth Annual Graduate/Professional Appreciation Week.

The NAGPS is a non-profit organization dedicated to improving the quality of graduate and professional student life in the United States. Its goal is to bring graduate and professional students together to assist them in self-governance and to represent their interests to the public, state governments, and the federal government.

The NAGPS is probably best known to the MIT community for collecting and disseminating information — much of it by e-mail — regarding the congressional proposals to cut student financial aid made just after the Republican takeover of Congress in 1994. Most of the proposals were ultimately defeated.

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THE ARTS

Ransom — why don't we make it a bounty?

By David V. Rodriguez
ARTS EDITOR

Tom and Kate Mullen are a happy, wealthy couple living the good life until their son Sean is kidnapped. The ransom is \$2 million dollars, which they agree to pay happily, but they soon learn the kidnapers never plan to return Sean alive. In a bold move, Tom (Mel Gibson) goes on television to announce that the \$2 million dollars in ransom money now stands as a bounty on the heads of the kidnapers if anything happens to Sean.

Ransom wants desperately to be about this bold move. And it might have looked good on paper, but on the screen it feels like a missing child story, which can't avoid being a little depressing. Out of two hours, a large share is spent crying, hugging, and lip biting, and although director Ron Howard does a good job, the film's long overboard or becoming too sentimental, it isn't always fun to watch.

FBI Agent Hawkins (Delroy Lindo) is assigned to recover Sean. He's a needed presence because he is the calmest of the bunch, never crying and always avoiding the hugging.

RANSOM

Directed by Ron Howard.
Screenplay by Richard Price and Alexander Ignon.
Starring Mel Gibson, Rene Russo, Gary Sinise, and Delroy Lindo.
Sony Cheri.

Tom makes the counteroffer without consulting anyone else, and both Kate (Rene Russo) and Agent Hawkins beg him to take it back. Hawkins says he has returned seven out of 10 missing children but would "bet on those who pay the money." Kate doesn't want to anger the kidnapers, and, in fact, several of the kidnapers want to kill the boy for the trouble they have caused them.

Tom's counteroffer creates tension between man and wife, but with faith in her man, Kate says, "He's always landed us on high ground." Not having access to any money (she tried, but Tom told his employees not to give her any), she is forced to give in. Agent Hawkins begs Kate to change Tom's mind, but by this time she has changed her mind.

We know that Ransom really wants to be about the counteroffer because it doesn't need to be as hard as they make it. The problem: Why are paying the money and paying the bounty mutually exclusive? We're told from the beginning that the couple has far more money and could afford to pay many times the amount. Then Tom changes the \$2 million from a ransom to a bounty, declaring that the kidnapers will never see a penny. Kate wants to pay the money. They could do both — pay the kidnapers \$2 million, telling them a \$2 million bounty will be on their heads if Sean is hurt.

But this would be too easy. No tough choices would need to be made. The kidnapers would get the money and leave the country, the Mullens would get Sean, and there's be no reason for the kidnapers to make a last, desperate (but exciting) attempt to get some money out of Tom.

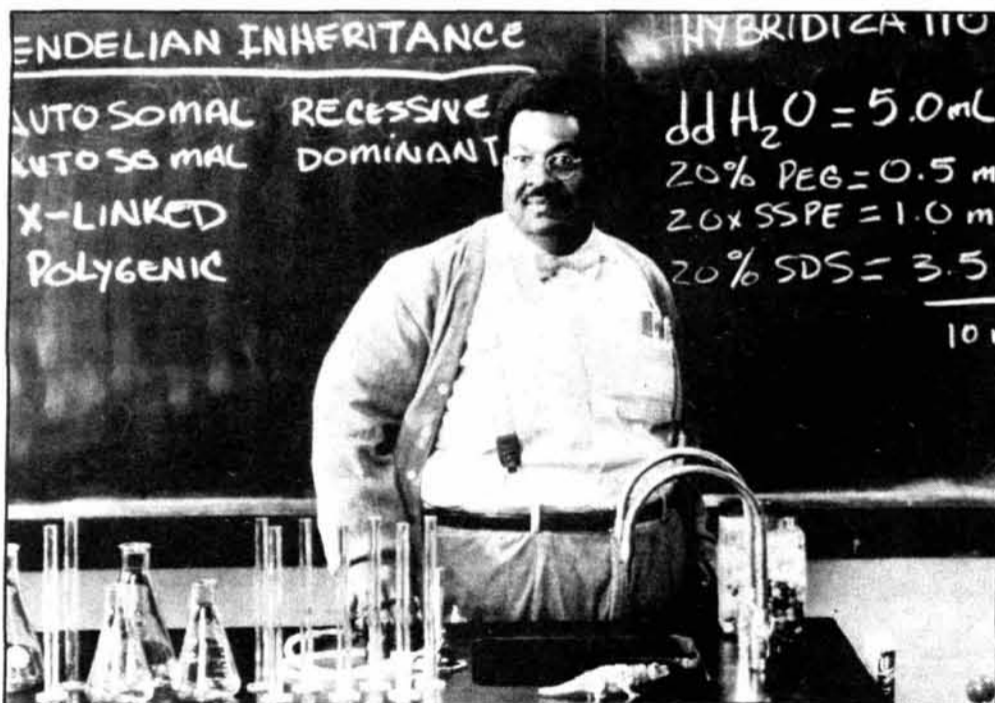


(Far left) Tom Mullen (Mel Gibson) appears on television to announce that the ransom for his kidnapped son has been changed into a bounty on the heads of the kidnapers. (Left) Tom running through the streets of New York. (Center) Delroy Lindo as FBI Agent Hawkins. (Right) Gary Sinise as police officer Jimmy Shaker.

RANSOM

ON THE SCREEN

— BY THE TECH ARTS STAFF —



Professor Sherman Klump (Eddie Murphy) creates a drug to make himself thin in *The Nutty Professor*, showing tomorrow at LSC.

★★★★:Excellent
★★★:Good
★★:Average
★:Poor

★★★★ If... is one of the greatest movies from the period of the late 1960s and early 1970s, a time when a great movie came out nearly every week. It satirizes the pomposity, cruelty, and stupidity of an English boarding school (and through it the entire "military-industrial-political-educational establishment") and depicts an armed violent uprising as response to this system. But the romantic young revolutionaries who fight back are also a target for satire. Led by Mick Travers, played by Malcolm McDowell in his first and greatest role before *A Clockwork Orange*, three students first rebel in lighthearted ways but are cruelly punished by upperclass boys called whips. Escalation is the only answer. McDowell plays with total conviction a leader who will love you if you follow him and kill you if you spurn him. One of the most indelible cinematic images you will ever see is the climactic shot of him disappearing in a cloud of his own machine-gun smoke. —Stephen Brophy. *LSC Friday Classic*.

★★ The Nutty Professor Eddie Murphy plays Sherman Klump, an overweight but pleasant professor who takes a drug to make himself thin, transforming himself into Buddy Love, his thinner, better looking, but totally obnoxious alter ego. As expected, Buddy goes wild, trying to satisfy all his cravings and striking back at those who made fun of him when he was fat. Although much of the humor is crude, as when Sherman's fat family gathers around the dinner table and has flatulence contests, *The Nutty Professor* has its moments. —David V. Rodriguez. *Tomorrow at LSC*.

★★★½ Patookaville This charming little caper comedy opens with a jewelry store robbery that goes awry when the robbers find they've actually broken into the bakery next door to the jewelry store. From there we meet three young men with big dreams of breaking out of their stifling neighborhood but not quite enough brains and luck to match their dreams. The story follows them through the details of another attempted crime — an armored truck hijacking — to its comically ironic conclusion. In the process we meet families and friends and get to know an entire working class neighborhood. One of the funniest independent movies of the year. —SB. *Sony Cheri*.

★★★ Michael Collins While it's not quite the equal of *Lawrence of Arabia*, *Michael Collins* is still one of the rare movies on an epic scale made with an intelligence powerful enough to control and shape it. Collins is known as the inventor of modern guerrilla warfare. He flashed across the firmament in the years just following World War I and accomplished the work of centuries — forcing the British out of Ireland — by the time he was 31 years old. Under the direction of Neil Jordan, Liam Neeson brings this complicated hero, often at war with himself, to vivid, emotional life. Aided by Aidan Quinn, Stephen Rea, Alan Rickman, and even Julia Roberts, Neeson fills the role with an authority that justifies Collins' nickname, "The Big Fella." Jordan has done a masterful job of distilling the historical record and educating his audience about the Irish Revolution, but his insistence on constant movement — soaring camerawork, numerous scenes on moving vehicles, constant cross-cutting during climactic moments — can leave us feeling a little seasick. —SB. *Sony Harvard Square*.

★★★★½ Romeo and Juliet Shakespeare for the MTV generation, Luhrmann's vision of *Romeo and Juliet* takes place in Verona Beach, Florida, an edgy urban war zone patrolled by helicopters and fought over by gun-toting, Hawaiian-shirt-wearing, punk Montagues against Latino Mafioso Capulets. Claire Danes is a luminous Juliet, dominating the center of the story with her glamorous but not always convincing co-star Leonardo DiCaprio as Romeo. Luhrmann's staging is true to the spirit of Shakespeare's teen tragedy while delighting eye and ear with a cornucopia of images and songs. Pete Postlethwaite plays Friar Lawrence with considerably more gravity than is usually granted to the role, which also helps to balance some of the more giddy, Ken Russell-like effects. This is not Shakespeare for the ages, but for right now it's almost perfect. —SB. *Sony Nickelodeon*.

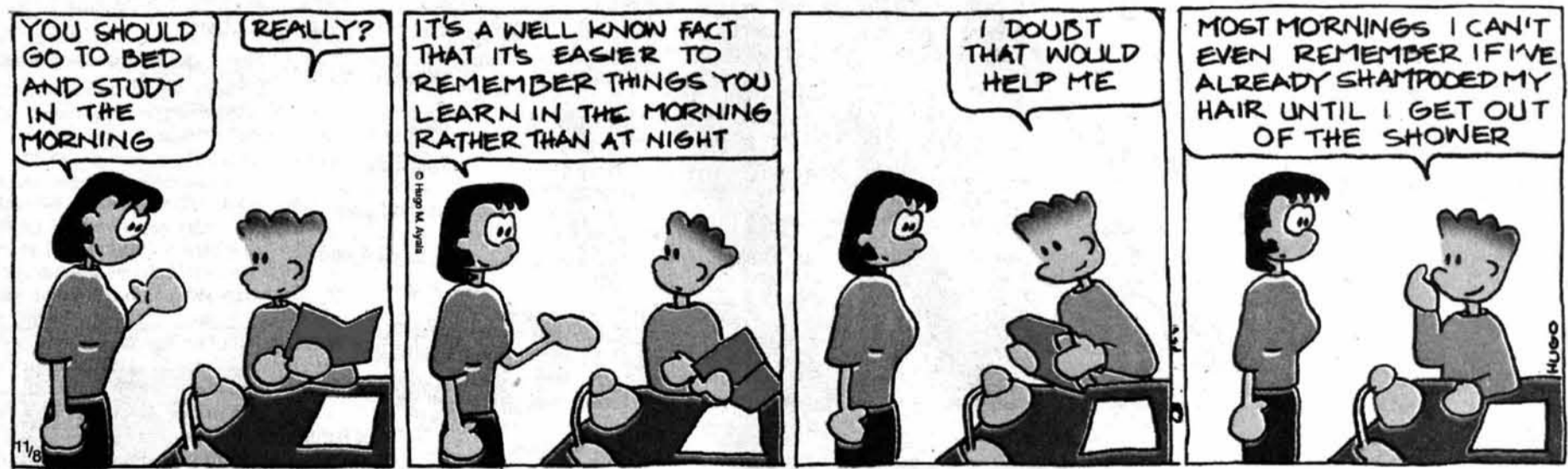


Doug (Michael Keaton) clones himself in *Multiplicity*, showing tonight at LSC.

COMICS

Off Course

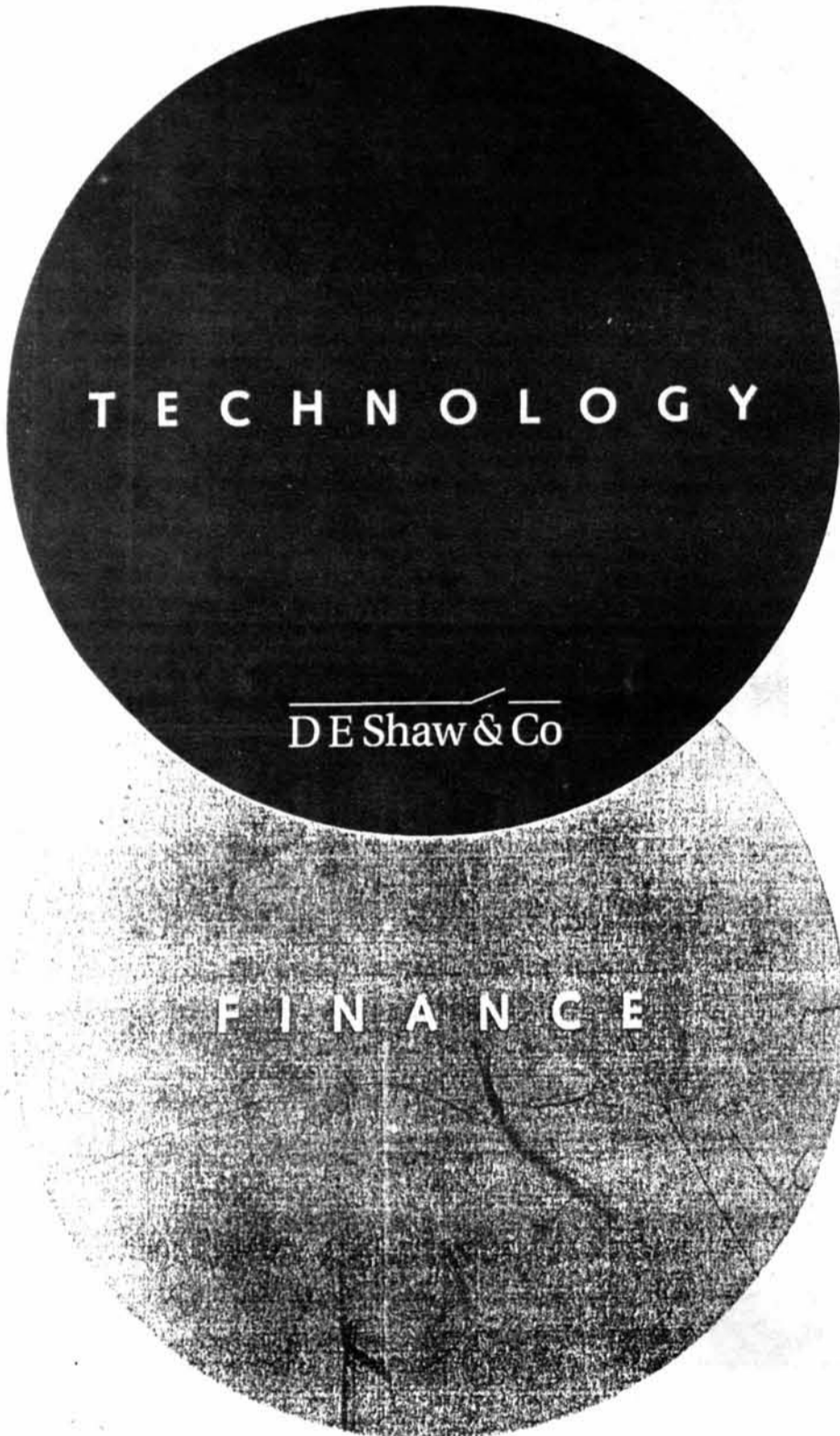
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Students Ask Deans About Their Jobs at Second Open Forum

Dean's Forum, from Page 1

committee is intended to be a group of students that the Dean's Office can continually tap for input.

Others admitted simply coming for the free pizza.

Students ask about deans' roles

After speaking informally with the deans over pizza, the students and deans broke into a discussion group. The first question posed to

The first question posed to the deans asked what exactly the role of a dean was. The same question had been asked at the first deans' open forum.

the deans asked what exactly the role of a dean was. The same question had been asked at the first deans' open forum.

Bates called the Dean's Office a "first aid station for the university."

The focus of the office is the "education of the whole student," Williams said.

"What happens outside the classroom has as much importance as what happens inside," Immerman said.

Jablonski said that the office should be proactive and help students "grow and develop as people" by asking "how do you... deal with stress."

Randolph said that a dean's role is to "help [the faculty] do what they can't do."

Graduate issues discussed

Coram asked about fees imposed by the Technology Licensing Office on class rings. As a member of the GSC, he was concerned about the price increase that the imposition of the fee had caused. The fee — for use of the MIT logo and name — is currently 7.5 percent.

"We don't want to charge ourselves a fee," but the fee does

apply in this case, Bates said. She said that she hoped that the funds raised by the fees would be available to fund class activities and that the fee will be absorbed and not passed on to undergraduate students.

Andrew J. Rhomberg G voiced concerns about the International Students Office's move to the Office of Graduate Education. He questioned the logic of the move and asked, "Where do we fall?"

Williams called the move pragmatic and said, "The move to Graduate Education was a good thing. It links the ISO with people and a data system."

There was also discussion concerning expanding the ISO from its traditional role of dealing with paperwork to include other services like counseling.

Deans seek ways to get more input

The deans asked for student advice on the best way to "lower the threshold of access to deans," as Immerman said. He proposed a central e-mail address as one way to "identify ourselves as a place where students can get problems solved."

A student suggested a meeting during Residence and Orientation Week with the deans so that freshmen could meet and understand the responsibilities of each dean. Other suggestions included advertising on MIT Cable and holding forums in living groups.

Immerman also asked the group if *The Tech* was a good vehicle for receiving information.

Kimberly L. Miller '97 suggested that a school-wide colloquium be held on the topic of community service. She described an event that would draw a large part of the school to Kresge Auditorium and then break up for small discussions at different living groups.

This kind of an undertaking would involve an enormous amount of work, Immerman said.

However, the community experience of bringing together such a large group of people would be valuable, Bates said.

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Halloween, Other Activities Herald Arrival of New Board

Programming Board, from Page 1

Board-sponsored activity was last week's Halloween Hauntings in the Student Center.

The Board decorated the Student Center for Halloween and advertised various seasonal events, which they hoped would "give a heartbeat and life to the Student Center," Johnson said.

Roughly 100 pumpkins were decorated, and 25 students left their pumpkins to be judged in a contest, Gresh said.

"To get students to just sit down and play and socialize that way is a big step," Johnson said.

The Board also showed two Halloween-theme movies during the evening in Lobdell. While large numbers of students flowed in and out of events all day, roughly 25 stayed through the movies, Gresh said.

Board wants to work with groups

The Board hopes to be able to work with a lot of student groups and encourage joint events, Gresh said.

The Board was involved with the Lecture Series Committee earlier this term to sponsor LSC's free Registration Day movie, *Rumble In the Bronx*.

The Board also exchanged publicity with the Concert Band and their Halloween Concert in Lobby 7. "We tried to tie all the Halloween events together," Gresh said.

Plans are in the works to sponsor joint events with other groups and with other portions of the community, Gresh said.

"Our goal is to work together with students and faculty and staff," said Afsheen A. Zuberi '99, general

secretary of the Programming Board.

For instance, Katherine G. O'Dair, associate dean for residence and campus activities, has been working with the Board to bring them more into contact with the Dean's Office, Walsh said.

The Board hopes to sponsor several events with Medlinks on Valentine's Day.

One incentive for groups to plan joint events or to work through the Board is that "no one has enough money to do anything" themselves, Johnson said.

Board will promote socializing

Students identify closely with their living groups but rarely get together outside that, Johnson said. "There are too many compartments."

"The concept of a student union is to bring the community together," Gresh said, and that is what the Board will attempt to do.

A big concern on undergraduates' minds seems to be time, Walsh said. By sponsoring small events that happen regularly — as opposed to large events that take excessive time and energy to plan and attend — the Board hopes to get higher attendance, Gresh said.

The Board, while focusing on the Student Center, may plan activities in Kresge Auditorium, Walker Memorial, outdoor areas, or even the MIT Chapel, Johnson said.

Hopefully, events in all of these areas will reinforce the feeling of a community on campus, he said.

"We're taking a long-range perspective on this. There's a lot of opportunities for students to become peer resources" by return-

ing to their respective student groups and promoting activities, Walsh said.

"It's hard for students to know where to go to get something done," Walsh said. Hopefully the Board will be able to solve that problem and bring good student ideas to fruition, he said.



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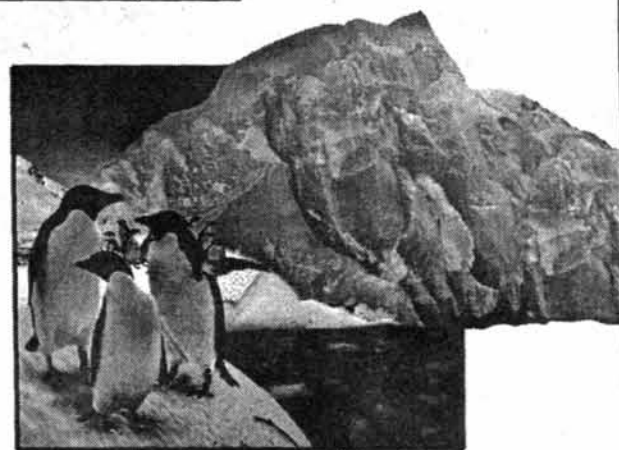
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Chairman Will Look Toward Fund Raising and Advising

Chairman, from Page 1

"A chairman is usually a former president, which means that the person has a lot of experience raising funds for the Institute, which is one of the main responsibilities of the

chairman," Gray said.

According to the bylaws of the Corporation, the chairman of the Corporation, at the time of election, shall be either a former president, the retiring president, or a member of the Corporation.

"The next chair could come from the ranks of the Corporation or have no present formal affiliation with the Institute," Willmore said. Since Vest "is in the midst of his presidency, the next chair will not be a former or retiring president, but

must be a member of the Corporation."

This does not exclude someone who is not currently a member of the Corporation, Willmore said. If the recommended candidate is not currently a member, he or she would first be elected a member, then elected chair.

There were two such instances in the past where a former president was not available to become chairman, Gray said. "Vannevar Bush '16 was a trustee when he assumed the position part-time at 1957. David S. Saxon '41 had served on the Corporation prior to being appointed as chairman at 1983."

"What will happen this time? Will the person be a member of the Corporation right now? Or will the person be a past member of the Corporation? It is unclear to me," Gray said.

Fund raising, advising important

"The chairman can also serve as a confidential adviser of the president at the choice of the president," Gray said. "I was particularly useful to [President Charles M. Vest] when he came to MIT and assumed the position seven years ago to help him gain knowledge of this place."

"A chairman needs to be someone knowledgeable about higher education, and it is an additional benefit to specifically understand this place," Gray said.

The chairman needs to have the ability to command the confidence and respect of the trustees, Willmore said. He or she needs to have experience in complex organizations, including experience with boards of director and trustees.

"Additionally, substantial experience with academic institutions would be a plus, but not essential, so long as the prospect had a good

understanding of academic organization and culture," Willmore said. "Involvement with the corporate community or high-level government service could be another plus," she said.

"I spent the first three to four years as chairman finishing up a fund-raising campaign I started as president," Gray said. "Chairman is not a job with major challenges like those faced by the president."

"The chairman needs to be prepared to take on the fund-raising task," Gray said. "The Institute will likely start another capital campaign, which the chairman will without doubt be involved in."

"The outgoing chairman is traditionally elected as an honorary chairman, but I don't want to jump to any conclusions," Gray said.

Gray to teach after retirement

Gray entered MIT as a freshman in 1950, and after completing graduate studies in electrical engineering, he joined the faculty of that department, Willmore said. "He has served as chancellor, then president, and now chair of the MIT Corporation. MIT has benefitted enormously from his talents and wisdom over the years."

"I am not retiring from the Institute; I will be continuing as the professor of electrical engineering and computer science," Gray said.

"I have done this job for seven years, spent 26 years as an officer of the Institute, and I think that is long enough," Gray said. "I want to have a few years to do other things, including teaching, which I have been doing, but I will not have the pressure of being chairman."



Paul E. Gray '54

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UA Protests Misuse Of U.S. News Ranking

U.S. News, from Page 1

Journal, and *The Chicago Tribune*, show that some colleges manipulate data to their advantage." The bill also said that the *U.S. News & World Report* rankings are widely read and influential even though the rankings are "highly arbitrary and subjective."

Because "these rankings have influenced academic, institutional, and financial decisions of university administrations to the possible detriment of student welfare," the bill proposes that the UA officially denounce the *U.S. News & World Report* rankings.

During the open discussion, two major points against the rankings were raised — that the methods used to determine the rankings are arbitrary and that the methods are based on inaccurate data.

"Statistics show that schools actually manipulate data," Sandoval said. "There is nothing that we actually have the power to do... We want to urge administrators to withhold information."

Bill also aims to publicize issue

The UA would demand that *U.S. News* reform both its rankings and its methods of ranking to eliminate the use of false data.

If the resolution is passed, the UA would send press releases to various administrative offices at

the Institute, Lee said. Lee also suggested that *The Boston Globe* may eventually interview MIT on the protest against the college rankings.

It is not clear that administrators will comply with the proposal, Lee said. However, the UA must at least share its views on the rankings with the administrators, Lee said.

Lee does not expect any immediate impact on the rankings but feels that it is important for the UA to publicize its objections.

"The excellence of our faculty and students, our strong reputation, and our outstanding resource base lead MIT to rank extremely well," said President Charles M. Vest. "I believe that we are indeed in the very top handful of universities, but to split hairs and order this group in detail doesn't mean much."

"The metrics used and the survey of experts are all reasonable ones, but their use to declare detailed, ordered rankings of institutions is pretty meaningless," Vest said. "The fluctuations in the ordered rankings from one year to the next demonstrates this."

Although Vest noted that "admissions appear to be positively impacted" by MIT's high ranking, he specifically said that he does not use the ranking to set goals for MIT's improvement.

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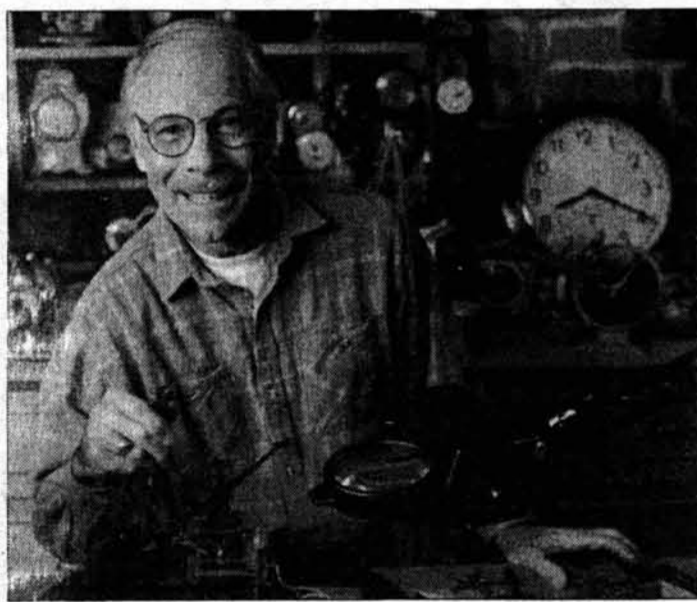
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MIT's Republicans, Democrats Rush to Put Spin on Elections

Elections, from Page 7

receive a direct benefit of only half the tax savings, Hudson said.

"Tax deductions for tuition assistance do not target the neediest students," Hudson said. "I would prefer to see the funds used for direct student aid."

If resources from direct grants to needy students are reallocated to tax deductions and credits, needy students will be denied access to higher

education, Hudson said.

Another Clinton proposal to pay \$1,000 grants to students in the top 5 percent of their high school class is also viewed with skepticism by some because overall it would also move funds into the hands of wealthier students who usually do better in the first place, Hudson said.

MIT students would obviously benefit since almost all would qualify, Hudson said. "However, there is

considerable national criticism of the proposal because it would take tax money and put it in the hands of students and families who would less likely need it."

MIT currently receives about \$3.2 million in federal grants for undergraduates as well as \$2 million in federal college work-study funding. About \$700,000 a year is added to the Institute's revolving fund for Perkins loans. In addition, \$18 million in Federal Stafford Direct Student Loans are made to undergraduate and graduate students.

"Unless a change is made in methodology — which for federal funds is established by the Congress — a decreased tax liability would

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have the effect of increasing discretionary income, which would result in less need-based aid," Hudson said.

MIT GOP, Democrats spin results

Education was only one of the issues that Democrats and Republicans debated this year. Now that the elections are over, MIT College Democrats and Republicans are busy putting their spins on the results.

Republicans maintained control of the House of Representatives, despite some losses, and increased their majority in the Senate.

The presence of the GOP in Congress is a possible stumbling block the president will have to overcome. "I think there is going to be a lot of gridlock," Hassan said. But Clinton does have several initiatives he will continue to push, she said.

In Massachusetts, Democrats fared better and swept all the Congressional races.

Democratic Sen. John Kerry won re-election to the Massachusetts U.S. Senate seat, defeating Republican Gov. William Weld.

"I'm still in shock over John Kerry," Hassan said. "I knew he'd pull out, but I didn't think he'd pull out ahead so quickly."

The Weld-Kerry race was a statistical dead heat going into election day, Hassan said. The victor was not expected to be known until late into the night on Election Day. However, Kerry was already projected winner early in the evening.

Although they were surprised that Weld lost in Massachusetts, the College Republicans are heartened by Republican senatorial victories in Arkansas, Nebraska, New Hampshire, and Colorado, said Michael Stanley '99, treasurer of the College Republicans.

For Democrats, Clinton's re-election signifies an affirmation of his four years in office.

"He had some rough times — particularly health care — but now I think he's definitely in the right direction," Hassan said. "Americans recognize that and want him to continue on."

For Republicans, the GOP's strong showing in the congressional races is a sign of Clinton's weakness.

"By winning the Arkansas Senate seat, the GOP demonstrated that Bill Clinton's support is weak even in his home state," Stanley said.

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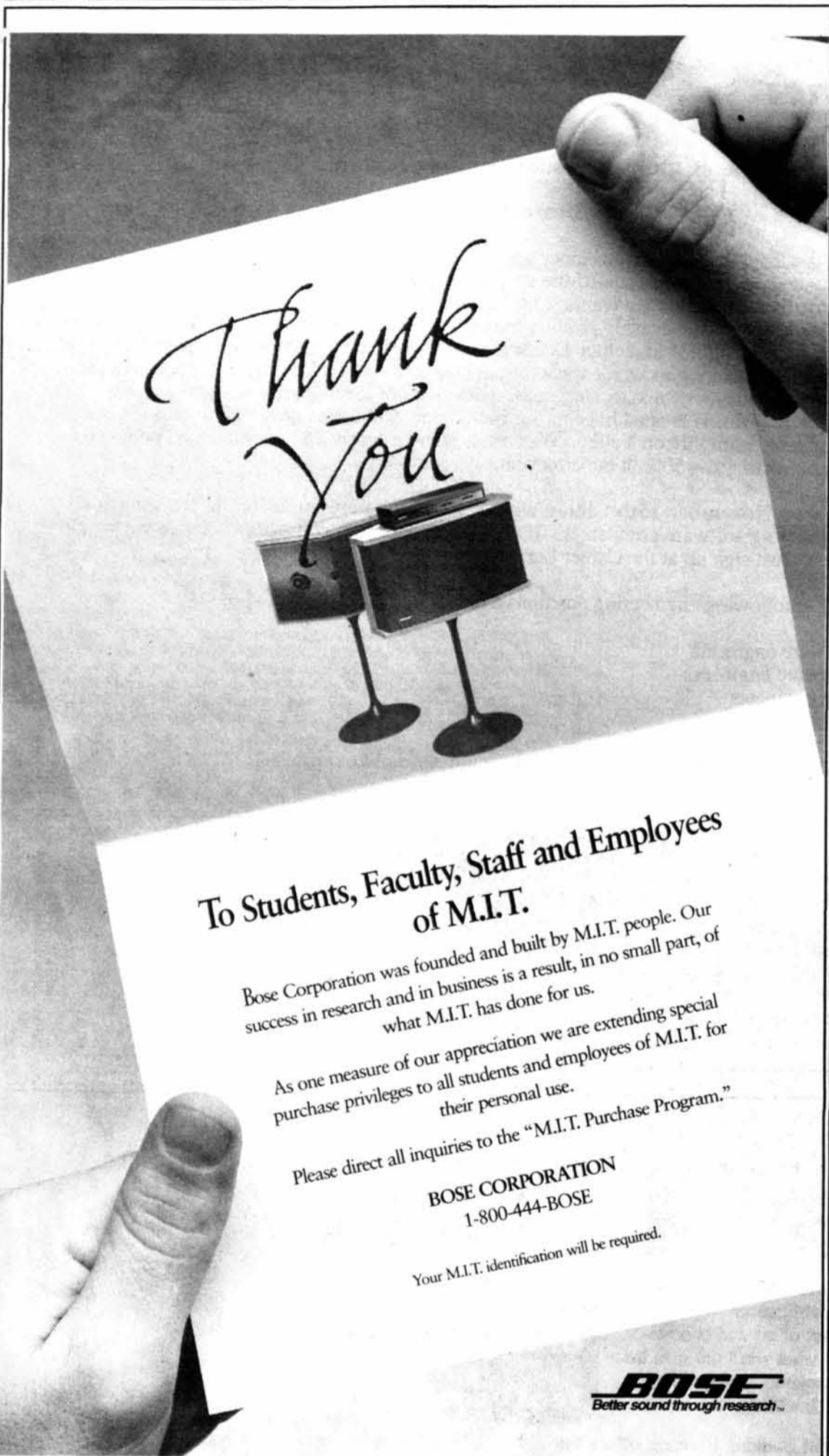
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Today I overheard some dean-type person discussing *The Tech*.

He said they kept advertising free pizza at 6:00 pm room W20-483.

I said the food was better than at re-engineering meetings.

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ADRIANE CHAPMAN—THE TECH

During the women's swimming and diving match last Monday, Elaine D. Haberer '98 placed first in diving, cementing MIT's lead. MIT beat Regis College 149-125.

Shoot People

...

...and get away with it.

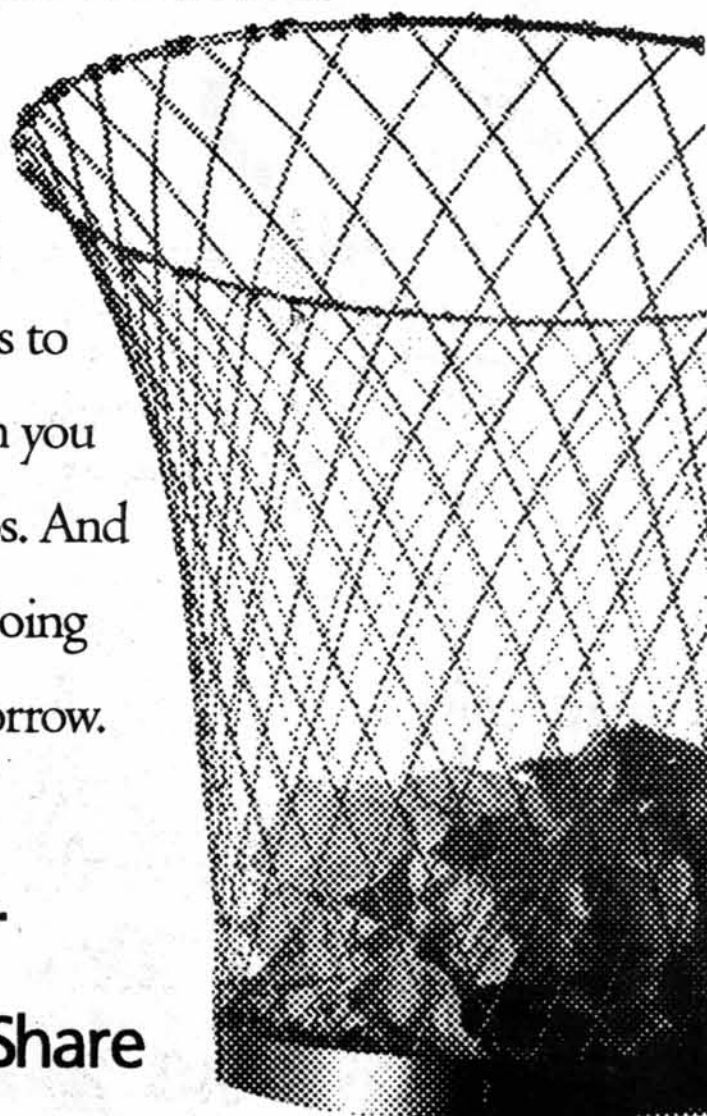
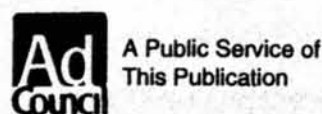
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SPORTS

Women's Volleyball Finishes Season with Two Upset Wins

By Paul Dill
TEAM COACH

The women's volleyball team finished off its regular season by beating both Amherst College and Worcester Polytechnic Institute last week, giving the Engineers their 11th win out of their last 13 matches.

On Halloween, MIT, which is ranked number eight in Division III in New England, continued its trend of upsets by beating seventh-ranked Amherst 3-0 (15-5, 15-13, 15-11).

The victory was made even sweeter because Amherst had beat-

en the team earlier in the season. The win now puts MIT ahead of Amherst in the rankings.

Jill Eich '99 led the team in kills with Betsy Sailhamer '99 and Mayleen Ting '99 close behind. Also, the steady leadership and timely dumps of setter Stacey Dozono '97 were key in the match.

On Saturday, the Engineers finished off their season at home with an even more dominating display to defeat WPI 3-0 (15-9, 15-6, 15-11). In this match, the entire team had a hand in the victory with strong play by a trio of freshmen —

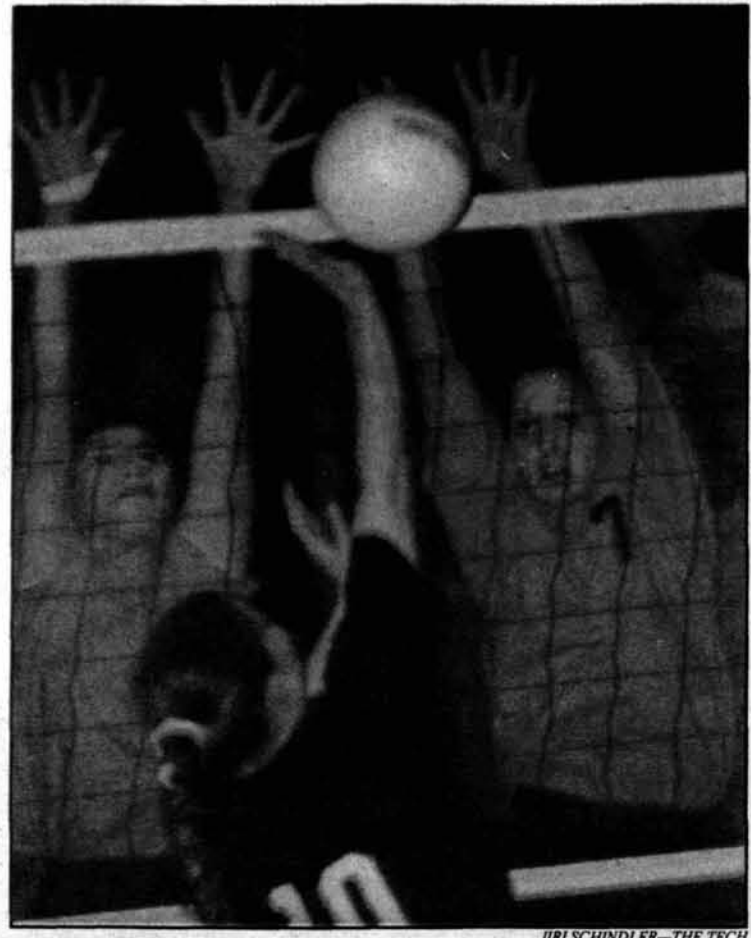
Alarice Huang '00, Nann Kroschnabel '00, and Rita Lin '00.

After a 3-5 start this season, the Engineers have been able to turn things around since Oct. 1 to improve their record to 16-5.

The team has developed some serious momentum going into the New England Women's Eight Conference Tournament this weekend.

Right: Solid blocks like this one from Lijin Aryananda '98 and Jill R. Eich '99 secured the women's volleyball team's victory 3-0 in last Thursday's game against Amherst College.

Below: Michelle M. Fox '99, Stacey Y. Dozono '97, Jill R. Eich '99, and Elisabeth A. Sailhamer '99, dressed in Halloween uniform, cheer after a successful spike. The women's volleyball team won 3-0 against Amherst College.



JIRI SCHINDLER—THE TECH

Incumbent Dallas Trailing in the Polls As Season Concludes

By Chris Brocoun
SPORTS COLUMNIST

For all those Denver fans out there, enjoy it while you can. The Broncos played excellently to beat the Raiders. Elway had one of his picture-perfect come-back performances with that pass late in the game. Pittsburgh doesn't appreciate comebacks like that. Come playoffs, the Broncos best look out.

In other news, Dallas lost soundly to Philadelphia. Let me repeat: Dallas lost again. I wonder how that Jerry Jones guy is feeling now. At least he doesn't have to worry quite so much about Washington. Actually, he better just start worrying about San Francisco coming up this week or else he might find himself atop a bonafide .500 team.

Pittsburgh is finally getting back on track — 42-6 worth of back on track. Pittsburgh formally apologized later that afternoon for the environmental disaster left over in Three Rivers Stadium after the game. Then a light rain washed the St. Louis remnants off the field.

Finally, I know I love to dwell on failure, but this week I have a positive comment for the Falcons. Atlanta actually won a game this week (hold the applause please). This means that Carolina must be just as bad as Atlanta. Wow — that's bad.

The games this week have important implications, but not much in the way of really good contests.

The picks, week 10

New England beat the Dolphins last weekend handily. Look for them to hand the Jets their league-leading ninth loss.

Arizona is coming into RFK Stadium, and they are going to find

a pissed Redskins team. President Clinton has promised increased funding for the 'Skins' weight gain program will be a top priority of his new administration. A strict diet of McDonald's has been imposed. Arizona won't be able to see around Washington's line, let alone pressure Ferotte.

Atlanta is feeling proud of themselves for beating Carolina. That doesn't mean anything in St. Louis.

Buffalo and Philadelphia are two teams in a heated battle for control of their division. Buffalo's coming off a big win over Washington. Philadelphia is coming off a classic win over Dallas. Take Philly.

Green Bay at Kansas City looked like a good game on the schedule. I hope it looks that way on the field 'cause it sure doesn't look that way on paper. Packers.

Houston rolled over and died against Seattle. They would have to bury themselves, too, to lose to New Orleans.

Miami and Indianapolis are slowly moving away from the spotlight as they slowly get worse and worse. I think Marino is finally going to start playing like he is capable of. Dolphins over the Colts.

Tampa Bay has been very predictable this year with one anomaly: loss, loss, loss, loss, loss, win, loss, loss. The trend shall continue. Take the Raiders.

Pittsburgh literally tore up St. Louis last week, and a few weeks ago they somehow dropped a game to Cincinnati. Payback's a bummer, ain't it.

Dallas and San Francisco is sort of the game of the week. Except that this isn't looking like a possible playoff matchup at the moment. Take the Niners.

Ultimatum: I give Minnesota one last shot. If they don't beat the Seahawks, I will have no choice but to reap invective on them in next week's column.

Baltimore lost a close one to Cincy. Jacksonville had a week off. I'm going with the underdog Ravens.

Da Bears can think they're all dat, but they can't handle Elway. Elway's gonna be throwin' da bomb all over da Bears. Broncos.

The New York Giants won somehow last week. I refuse to recognize it as it was over Arizona. I do recognize that Carolina is going to win.

Monday Night Special: I'm not sure what to make of this game. Maybe I'll just skip it. Take Detroit with a majority 287 electoral votes.

Last week: 9-5. Season record: 64-41 (author's note: This is a better record than half the guys in *The Boston Globe*).



JIRI SCHINDLER—THE TECH

Merrilees, Hwang, Le Named To Conference All-Star Teams

By Roger Crosley
SPORTS INFORMATION DIRECTOR

New England Women's Eight Conference All-Star teams have been named in field hockey and soccer, and MIT has placed players on both teams.

Sports Shorts

Senior midfielder Katherine Merrilees '97 has been named the player of the year in field hockey. This is the second time Merrilees has received the honor, having also been named her sophomore year. Ellen Hwang '00, a midfielder, was also named to the field hockey squad.

In soccer, midfielder Thuy Le '97 was selected by the Conference coaches.

The field hockey team dropped a heartbreaking 2-3 decision to Wellesley College in the NEW8 Conference final on Sunday at Worcester Polytechnic Institute.

The Engineers tied the game with 1:02 remaining on a shot by Merrilees. Wellesley was awarded a penalty shot with 0:18 remaining and deflected the ball off the goalie's stick into the net for the win.

Freshmen sailors do well

The freshman sailing team qualified for the Atlantic Coast Championship last weekend for the first time since 1977. The squad captured third place overall at the New England Freshman Championship in blustery condi-

tions at the University of Rhode Island this past weekend.

A Division was handily won by Sean Fabre '00 and Jean Liu '00 in both FJs and Tech dinghies. B Division sailors Alan Sun '00 and Danielle Adams '00 finished two points out of third in their division to secure an MIT berth in the Atlantic Coast Frosh Championship in two weeks at the U. S. Merchant Marine Academy in Kings Point, New York.

The best freshman teams from New England braved winds of 20-30 knots on the Great Salt Pond in Point Judith, Rhode Island, to vie for the New England Championship.

Football players receive honors

MIT defensive tackle Brad Gray '98 has been named the Eastern Collegiate Football Conference Co-Defensive Player of the Week for his play in Saturday's 15-8 non-

conference victory over the University of Massachusetts at Boston. Gray had 14 tackles (five solo), including a quarterback sack. He added two forced fumbles and a pair of quarterback pressures.

Nick Kozy '00 and Trent Redman '97 were named to the ECFC Honor Roll for the week. Kozy had eight tackles from his defensive end spot. The freshman also had three and a half sacks and added two quarterback pressures.

Redman had eight catches for 106 yards including the game-winning touchdown reception. He was also named to the Eastern College Athletic Conference New England Division III Weekly Honor Roll for his play.

MIT fencing got off to a fast start on its seasons, with the men's taking four matches over the weekend and the women winning four and losing one.

UPCOMING HOME EVENTS

Friday, Nov. 8
Men's Ice Hockey vs. Springfield College, 8 p.m.

Saturday, Nov. 9
Men's and Women's Fencing vs. MIT Alumni, TBA
Pistol vs. United States Coast Guard Academy, TBA
Football vs. Bentley College, 1 p.m.

Sunday, Nov. 10
Sailing in the Tech Dinghy Invitational, 9:30 a.m.

Share your energy for sports with us!

Call us at x3-1541 and ask for Erik.