

Vote today in national and state elections

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MIT
Cambridge
Massachusetts

Tuesday, November 6, 1984



Tech photo by Henry Wu
Republican candidate Ronald Reagan.



Tech photo by Sidhu Banerjee
Democratic candidate Walter Mondale.

National and state elections today

Today is election day in the United States. President Ronald W. Reagan and Vice President George H. W. Bush are seeking re-election as candidates of the Republican party. Their Democratic challengers are former Vice-President Walter F. Mondale and Rep. Geraldine A. Ferraro of New York. Dennis Serrette and Nancy Ross seek the offices as nominees of the Massachusetts Independent Alliance.

Seeking election as Senator in Congress from Massachusetts are Democratic Lt. Gov. John F. Kerry and Republican Raymond Shamie. Running for Representative in Congress for the Eighth Congressional District, including Cambridge, Somerville, Beacon Hill and Back Bay, are Democratic Speaker of the House Thomas P. O'Neill, Jr. and Communist Laura Ross.

Members of the MIT community registered in Cambridge can vote today at the following locations between 7 am and 8 pm:
• Those living in Senior House and Eastgate should vote at Roberts School, at Broadway and Windsor Streets;
• Those living in 500 Memorial Drive, Tang Hall, and Westgate should vote at Morse School on Granite Street;
• Those living in most other dormitories, fraternities, and independent living groups in Cambridge should vote at the fire station at Massachusetts Avenue and Main Street.

Voters with questions about where and when to vote should call in Cambridge: 498-9087; in Boston: 725-4634; in Somerville: 625-6600; and in Brookline: 232-9000.

Ellen L. Spero

Campaign Analysis

GOP likely to retain Senate

By Robert E. Malchman
Second in a series.

Voters in Massachusetts and 32 other states today will likely narrow the ten-seat margin Republicans hold over Democrats in the US Senate, but not take away the Republicans' majority.

The Republicans have 19 Senate seats up for election; the Democrats have 14 seats up. Republican incumbents are running for re-election in 17 states; the Democrats have 12 incumbents running again.

Five Republican and one Democratic incumbents face highly contested races, as do candidates for the four open seats.

The Massachusetts race provides the sharpest distinctions between any pair of candidates. Democratic Lt. Gov. John Kerry, representing the ideals and policies of the New Left, holds a comfortable lead over Republican businessman Raymond Shamie, representing those of the New Right.

The acerbic campaign, in which the candidates differ on virtually every issue, has mostly focused mostly on the candida-

tes' styles.

Shamie has tried to link Kerry, a founder of Vietnam Veterans Against the War, to Communist causes. Kerry has likewise tried to link Shamie, who associated with the John Birch Society and praised its members commitment to America, to extreme reactionary causes.

Contested incumbents

Sen. Jesse Helms, R-N.C., has also tried to associate his Democratic rival, Gov. James Hunt, with left-wing causes, black and

homosexual organizations, and the liberal policies of Democratic presidential nominee Walter Mondale.

Hunt has disavowed the homosexual groups, courted the black ones and tried to distance himself from Mondale. The governor, in turn, has emphasized Helms's anti-administration positions, such as support for El Salvador's right wing Col. Roberto D'Aubuisson over moderate President José Napoleon Duarte.

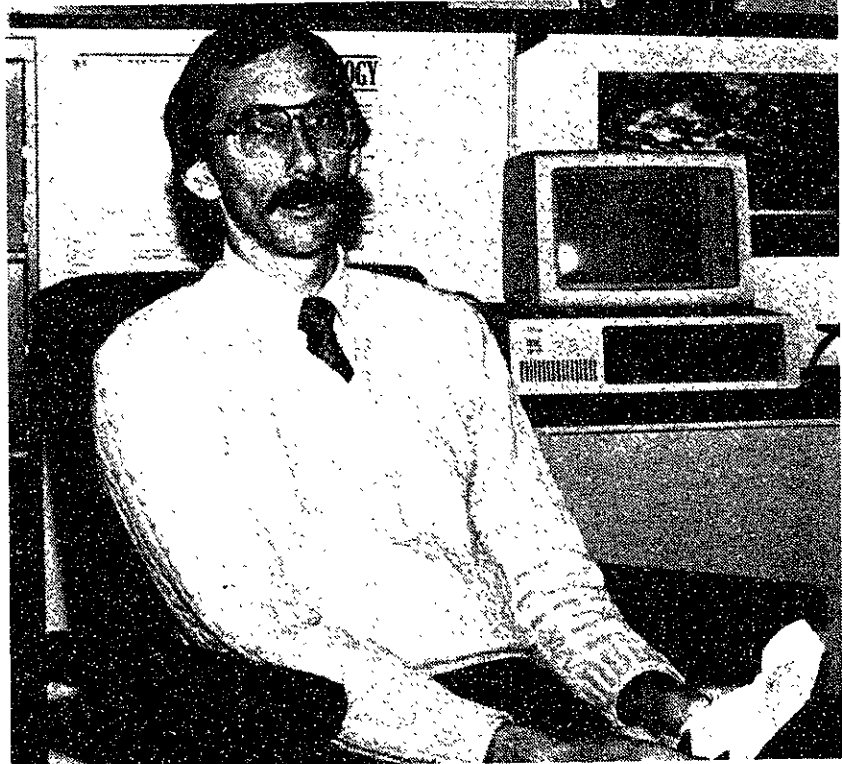
(Please turn to page 2)

Minorities disagree with survey

By Joe Kilian

Minority students at an Office of the Dean for Student Affairs forum disagreed with a survey in which over three quarters of minority students rated relations between minority and non-minority students as "very good."

The forum, which took place last Thursday, was third in a series of four sponsored by the ODSA in preparation for the Corporation Visiting Committee's upcoming review of the Dean's Office.



Tech photo by Steven Wheatman
Assistant Dean for Student Affairs Peter H. Brown.

The theme of the discussion was the quality of life of minority and international students. Over 50 students attended the forum.

Several international students expressed displeasure at what they felt was a decline in services offered to international students.

The students said they faced long waits for help with basic problems such as visas and work permits. One student said he knew of only two people in the International Students' Office he could go to for help in these areas, and students often had trouble getting immediate appointments.

Associate Dean for Student Affairs Robert Randolph replied that other Dean's Office workers can provide assistance with these matters. He also said international students should be getting some support from international student groups and clubs.

Assistant Dean for Student Affairs Peter H. Brown began the discussion by presenting statistics from the Dean's Office survey taken last spring. Brown said over three quarters of the 87 minority students who filled out the questionnaires rated inter-ethnic relations as "very good" and perceived MIT as having an open environment in regards to racial relations.

The survey indicated minority students as a group were less satisfied with their academic performance, felt the pace and pressure of MIT was more strenuous, perceived greater peer competition,

Mondale speaks at rally on Common

By Andrew Bein

Democratic presidential candidate Walter F. Mondale spoke before a crowd of almost 90,000 Friday afternoon on the Boston Common.

Shouts of "We want Fritz" and "Four more days" greeted the former vice president, when he appeared, 48 minutes late.

Rain clouds threatened throughout, but only a brief drizzle intervened, as many spectators attached Mondale/Ferraro signs to their umbrellas.

"There's a smell of victory in the air," Mondale said. He dismissed his poor standings in the polls. "Polls don't vote, people do," he said to cheers.

Mondale's speech focused on taxation and nuclear arms control, the campaign issues on which he and President Reagan differ most. Mondale stressed what he claims is Reagan's tendency to favor the rich: "Middle and moderate-income Americans deserve some help, some protection."

"One of the most appalling

qualities of this administration is that you never hear the word justice," Mondale said, "you never hear the word caring or compassion."

"When you're in trouble, you're taught you're on your own," he continued. "If you're unemployed, it's too bad. If you're old, it's tough luck. If you're sick, good luck. If you're black or Hispanic, you're out of luck. And if you're handicapped, you shouldn't be."

"I don't believe in that a minute," Mondale said to his applauding supporters. "I think this America has a human dimension. I don't think we're alone. I think we're together."

Mondale marred his speech near its close when the crowd interrupted him with a flurry of cheers. "We've got to get this over with," he responded, "I've gotta be in Wilkes-Barre." Wilkes-Barre, Pa. was the candidate's next stop.

The Way of the Cross Gospel Choir opened the rally. Their

(Please turn to page 2)

SCC elects Brine as its chairman for next year

By Andrew Bein

The Student Center Committee elected Mark J. Brine '85 chairman in its meeting Sunday night. Brine will replace current chairman James S. Person III '86 on Jan. 1, 1985.

Brine defeated William M. Hobbie '86, committee treasurer. "It was a heated election. We had two good candidates," Person

said.

Brine said he was "elated. I will hopefully just improve our operation so that the events and everything else we do run better," he said.

The new chairman plans to "get new members . . . give SCC a good name . . . [and] follow in James Person's footsteps."

"One thing I'd like to see is groups like SCC, LSC, and the UA social committee working together more, [especially] for Spring Weekend and Homecoming" activities, he said.

"Unfortunately the average MIT student is too concerned with his academic performance and the job he may someday get . . . to make life at MIT better those of us who are here," he said. "There is potential to do things . . . We just don't have the manpower."

"Contrary to popular belief," Person said, "we are always looking for new members."

"A lot of people think we're a small organization" in charge of a lot of money, and not wanting anyone else involved, Person said. "The most money we spend is for programming."

"A new membership drive will begin a week from Sunday with a mailing to a large list of potential members," he said.

inside

A concert with the English Concert. Page 10.

The hitchhiker's guide to Broadway. Page 11.

Yes, we have a banana. Page 11.

The roving reporter presidential poll of MIT students. Page 13.

Harvard Bridge is being fixed, being fixed, being fixed... See if you can find a flaw in the plans. Page 17.

Mondale speaks on Boston Common

(Continued from page 1)

tunes, such as "Hang on to Jesus," seemed contradictory to Mondale's insistence on separation of church and state.

Singing group Peter, Paul and Mary encouraged the crowd, singing "This Land is Your Land," as the candidate arrived.

Also appearing with Mondale were some of Massachusetts' highest-ranking Democrats. Senators Edward M. Kennedy and Paul E. Tsongas, Speaker of the House Thomas P. O'Neill Jr., US Senate candidate and Lt. Gov. John F. Kerry, and Gov. Michael S. Dukakis spoke at the rally. Tsongas made a pitch for his party's candidate for the Senate seat he is retiring from. "Do me a favor," he said. "Let's elect John Kerry by a wide margin."

Kennedy criticized the president saying, "Ronald Wilson Reagan has no right to quote John Fitzgerald Kennedy," a point often echoed later.

Gov. Michael S. Dukakis called the event "the biggest political rally we've had in this city in my lifetime."

"Mondale will carry this state, and the country," Dukakis added.

GOP Senate majority likely

(Continued from page 1)

Hunt's chances, in the most expensive senate race, depend on the black vote. The larger President Ronald Reagan's margin of victory, the more likely Helms will return to the Senate.

The Republican right wing is actually against Sen. Charles Percy, R-Ill. Polls rate Rep. Paul Simon, D-Ill., even with Percy.

Conservatives have targeted the moderate, three-term incumbent for defeat because Helms, if reelected, would assume the chair of the Senate Foreign Relations Committee. Helms in that position would aid conservative causes, they believe, more than the loss of Percy's usually pro-administration vote would hurt.

Indiscretions by Sen. Roger Jepsen, R-Iowa, have helped make his race with Rep. Tom Harkin, D-Iowa, a toss-up. Jepsen's membership in a club that catered to swingers, his persistence in driving alone in car-pool only lanes and frequent reversals on major issues have worn the patience of his constituency.

Reagan's coat-tails will have less affect in Iowa than in North Carolina. Disgust with Jepsen may even hurt the president, giving Mondale a reverse coat-tail effect in the state.

The race between Sen. Gordon Humphrey, R-N.H., and Rep. Norman D'Amours, D-N.H., though sometimes bitter, has stuck more to the issues than the Kerry-Shamie ideological race. Humphrey began his first term in 1979 as a staunch supporter of conservative causes. He has moderated his stances since, causing D'Amours to charge Humphrey with dissembling for the election year.

Humphrey has, like other conservatives, tried to tie his opponent to Mondale and liberal policies. D'Amours' chances in Republican New Hampshire rest with ticket-splitters and voters from his old House district downstate.

Sen. Walter Huddleston of Kentucky is the only incumbent Democrat facing a serious challenge. Huddleston's opponent, Jefferson County Judge Mitch McConnell, has been the state's most successful Republican vote-getter, according to the *National Journal*.

McConnell's chances are tied to the length of Reagan's coat-tails. Reagan will have to win the usually Democratic state handily for McConnell to succeed.



Tech photo by Sidhu Banerjee

Walter Mondale appeared with Governor Michael Dukakis and House Speaker Thomas P. O'Neill Jr. at a campaign rally on Friday on the Boston Common.

A few "quit tips"

Hide all ashtrays, matches, etc.

Lay in a supply of sugarless gum, carrot sticks, etc.

Drink lots of liquids, but pass up coffee & alcohol.

Tell everyone you're quitting for the day.

When the urge to smoke hits, take a deep breath, hold it for 10 seconds, & release it slowly.

Exercise to relieve the tension.

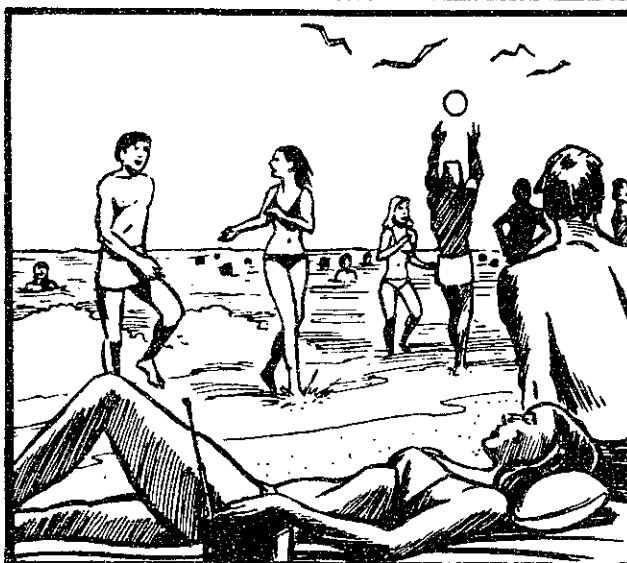
Try the "buddy system," and ask a friend to quit too.

This space donated by The Tech

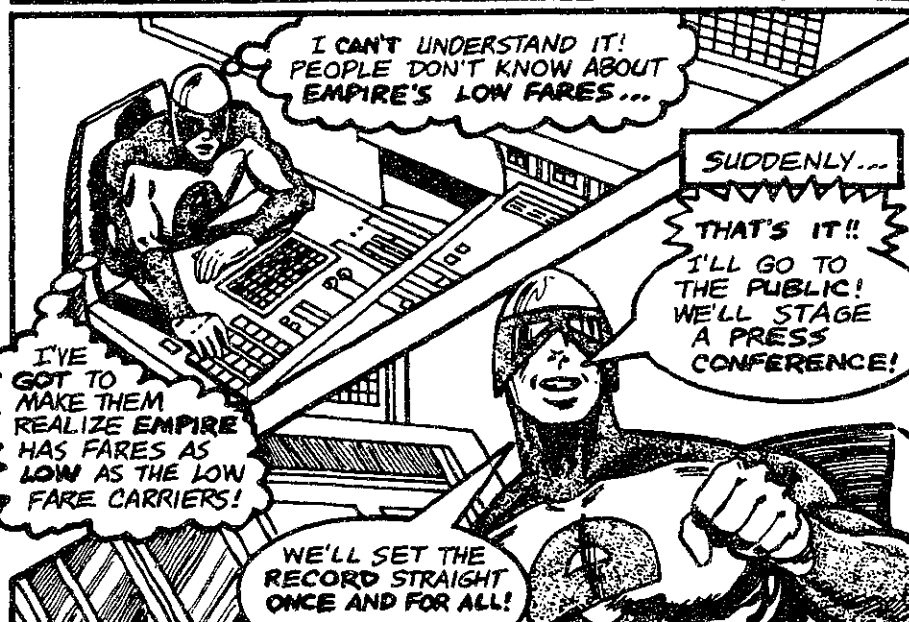
The Adventures of Empire's SuperSaver

Empire Airlines' Collegiate Defender of Low Airfares, Champion of the Student

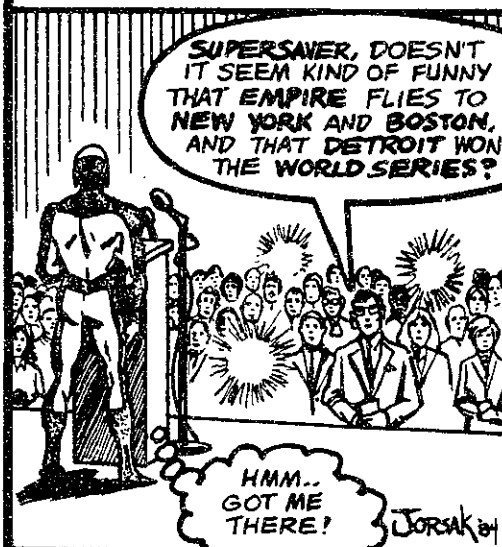
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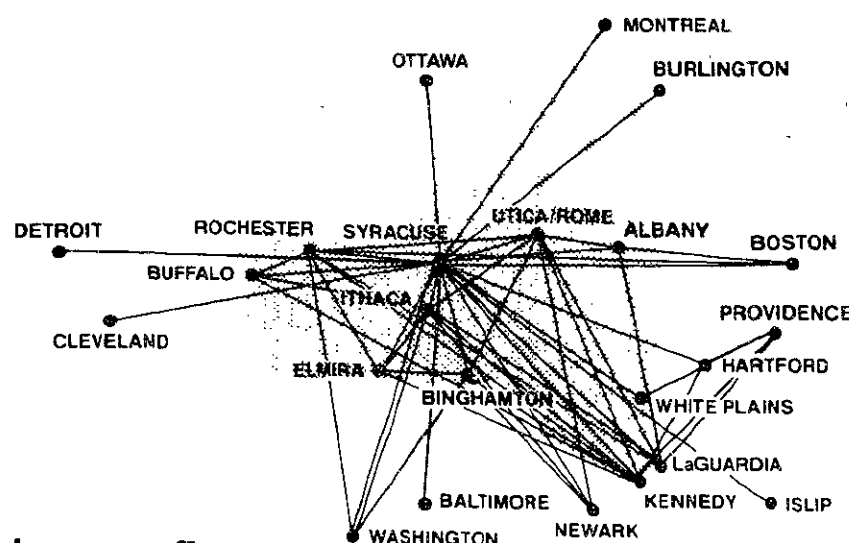
SUPERSAVER, ISN'T IT A COINCIDENCE THAT EMPIRE HAS OVER 1,200 FLIGHTS EACH WEEK AND NOT ONE CONVENIENTLY CONNECTS WITH THE SPACE SHUTTLE?



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news roundup

World

Sikhs targets of violence— Thousands of Sikhs sought refuge in public schools and police compounds in India as mob violence against them raged out of control this weekend in the wake of the assassination of Prime Minister Indira Gandhi. The Indian army was sent into nine cities, and authorities report that the violence is subsiding.

Nicaragua holds elections — Nicaraguans went to the polls Sunday in the first national elections since 1974. The voters cast ballots for president, vice president, and local officials. Both critics and supporters criticize the election for the small number of choices on the ballot. Rebels agreed to a cease-fire to allow the elections to take place peacefully. Only one violation of the cease fire has been reported, and according to Nicaraguan election officials, the voting proceeded without incident. Final results are expected by the week's end.

Airlift started to battle Ethiopian famine — The US Agency for International Development started what will be a two-month, \$60 million relief effort to avert mass starvation in drought-stricken Ethiopia. England and the Soviet Union are also contributing planes and aid.

Nation

End to slow fast — Activist Mitch Snyder ended his 51 day fast Sunday. Snyder was admitted to Howard University Hospital after government officials agreed to plan for the renovation of a shelter for the homeless.

Weather

Nothing to write home about — Today will be cloudy and breezy with temperatures in the fifties. Similar weather should continue through Wednesday and Thursday.

James F. Kirk

notices

Ongoing

Learn to relax your body, clear your mind, and increase your concentration. Study better, have more energy, and feel good! **Kundalini yoga** taught by Gururattan Khalsa on Thursday nights. Meet at Burton House dining hall at 5:30; please call Fred Martin or Jeff Tallaksen at 247-0506 or x3-3157 for more information.

“**This Mighty Dream**”, a multimedia history of popular movements for change in the U.S., is scheduled to run in Boston from Oct. 25 to Nov. 9. The exhibit, which was prepared by the

Smithsonian Institute, will be housed at the University of Massachusetts-Boston College of Public and Community Service at 100 Arlington Street, Boston. Open to the public. For further information, call 266-7100.

Do you like to read? Do you enjoy math? **Become a S*T*A*R volunteer.** School Volunteers of Boston offers orientation and support to college students who have a few hours per week to spend with elementary, middle or high school students in schools convenient to college campuses. For information, call 451-6145 or visit our office at 25 West Street, downtown Boston near Park Street.

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NOVEMBER 14, 7-9:00 p.m.,
film & info session, Bldg.
#4, Room 159.

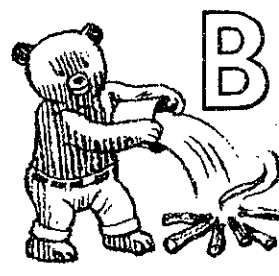
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opinion

Editorial

Don't punt the most critical hour exam

All of you who are registered to vote in Massachusetts should take an hour off today and cast your ballots. It could be the most constructive thing you do all term.

President Ronald Reagan and former Vice-President Walter Mondale take different stands on many of the campaign's major issues, although the gap between their viewpoints has narrowed over the course of the campaign.

Some of the major issues of the campaign and the candidates' current stands on each follow:

Foreign intervention

Reagan supports an increase in US military aid to El Salvador and to anti-Sandinista rebels in Nicaragua.

Mondale supports negotiated solutions to the various armed disputes in Central America, while he recognizes military measures may be required.

Détente and international relations

Reagan has taken a hard line against the Soviet Union, saying that the United States will no longer be pushed around in arms negotiations. He has expressed willingness to participate in Strategic Arms Limitation Talks, although he opposes a nuclear arms freeze on the grounds that such a freeze is unverifiable.

Mondale supports a mutual, verifiable strategic nuclear arms freeze. He also favors the resubmission of the SALT II agreement to the Senate for ratification. He also favors annual US-USSR summit meetings.

National defense

Reagan favors continuing the military buildup he started four years ago. He will push for continued real increases of about 7 to 8 percent annually in military spending to allow the US to negotiate any arms agreements from a position of strength. He also supports development and deployment of the MX missile and of the B-1 bomber to replace the aging fleet of B-52's. Reagan has proposed development of a space-based, high-technology anti ballistic missile defense system — labelled the "Star Wars" plan by the press — and the sharing of any such technology with the Soviets.

Mondale would decrease the growth in defense spending to a real annual rate of 3 to 4 percent, stating that present Defense Department spending policies are wasteful. He opposes the "Star Wars" proposal and proposes cancellation of both the MX missile and B-1 bomber programs. He favors a slowed expansion of the Navy, although he would continue the Trident II missile program.

Social services

Reagan says he will neither raise Social Security taxes nor cut benefits.

Mondale pledges no cuts to Social Security and supports the measures adopted by Congress in 1983 to guarantee the program's solvency. He also favors adjusting benefits for inflation. He proposes a program to limit rising Medicaid and Medicare costs.

Taxes and the balanced budget

Reagan opposes raising taxes and supports a constitutional amendment to require a balanced budget.

Mondale would restore \$30 billion of Reagan's cuts to the domestic budget. He also proposes an indexed tax increase, having a greater affect on people with higher incomes, to reduce the federal deficit.

Leadership

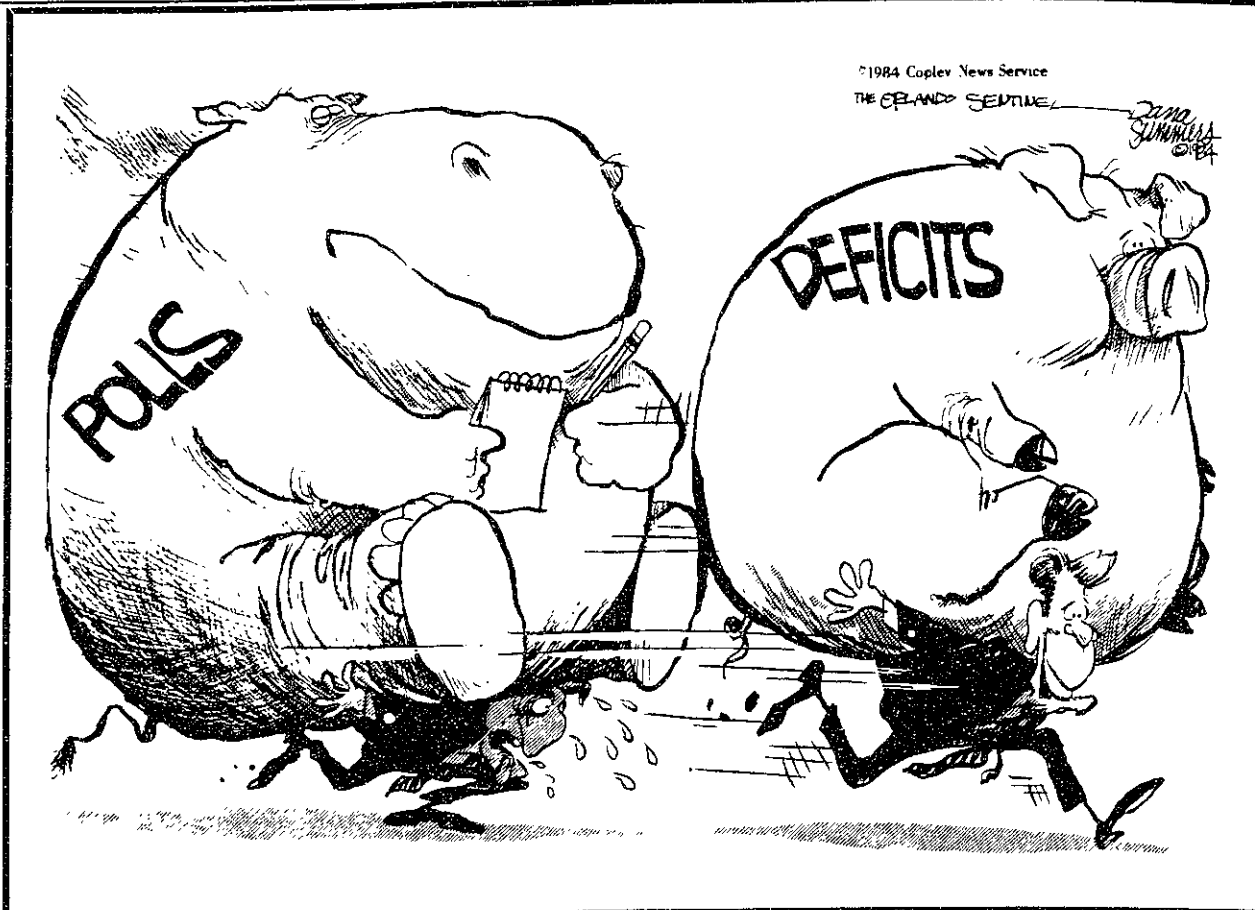
Reagan invokes the image of a weak Carter administration when discussing Mondale's leadership qualities, saying that an administration under Mondale would be no better.

Mondale claims Reagan is out of touch with the nation and the rest of the world and does not have a good grasp of the complex issues facing the leader of the United States.

The Supreme Court

By appointing justices to replace the four who are expected

(Please turn to page 5)



Column/Scott Saleska

Reagan promotes war in Nicaragua

Last in a series

"I have the most conclusive evidence that arms and munitions in large quantities . . . have been shipped to the revolutionists. The United States cannot fail to view with deep concern any serious threat to stability and constitutional government . . . jeopardizing American interests, especially if such a state of affairs is contributed to or brought about by outside influence or a foreign power."

So spoke the president of the United States, justifying his policy of intervention in Nicaragua.

The year was 1927. The president was Calvin Coolidge. And the "outside influence" was alleged "Mexican bolshevism."

The US Marines, for the second time this century, were beginning a full-scale occupation of Nicaragua, this time to suppress Augusto Cesar Sandino's "revolutionist" peasant army — the original Sandinistas.

The Marines stayed for six years and conducted a brutal war against Nicaragua's peasants. When they left, Anastasio Somoza was put in charge of the newly trained Nicaraguan National Guard, which became the bloody instrument of a regime that was to acquire the worst human rights record in Central America.

Fifty years later, the year is 1984 and it's Ronald Reagan's turn. After decades of looking the other way — when the Nicaraguan leader was our boy — the US government under Reagan is

suddenly paying attention to democracy and human rights in Nicaragua — now that the new leaders no longer have as their number one priority the economic interests of the United States.

In order to show his concern for democracy, Reagan is sponsoring yet another war against Nicaragua. His policy not only violates international law (mining of international waters), but US law as well, most notably the Neutrality Act and the Boland amendment.

According to a report issued by a bipartisan congressional study group, the Reagan Administration may have violated as many as 21 separate Acts of Congress in pursuit of its goals in Central America.

Like Coolidge, Reagan justifies

his lawless behavior with another paranoid scare-story — only Reagan's involves Soviet communist expansionism. According to the president's scenario, communist-totalitarian Nicaragua (on the end of puppet strings pulled by Cuba and the Soviet Union) is exporting its revolution to El Salvador, which is "struggling towards democracy."

The administration has made this argument, outlined in the so-called Sante Fe group paper, the lynchpin of its policy in Central America. The poverty and exploitation of the region are discounted as insignificant, and the indigenous character of the Salvadoran civil war is denied.

Yet, after three years of waging "covert" war, the administration

(Please turn to page 8)

Column/Joseph L. Shipman

Don't say I didn't say so, but if Reagan wins:

I'm telling you so.

If Ronald Reagan is re-elected, the United States will escalate its covert war in Nicaragua to an overt one.

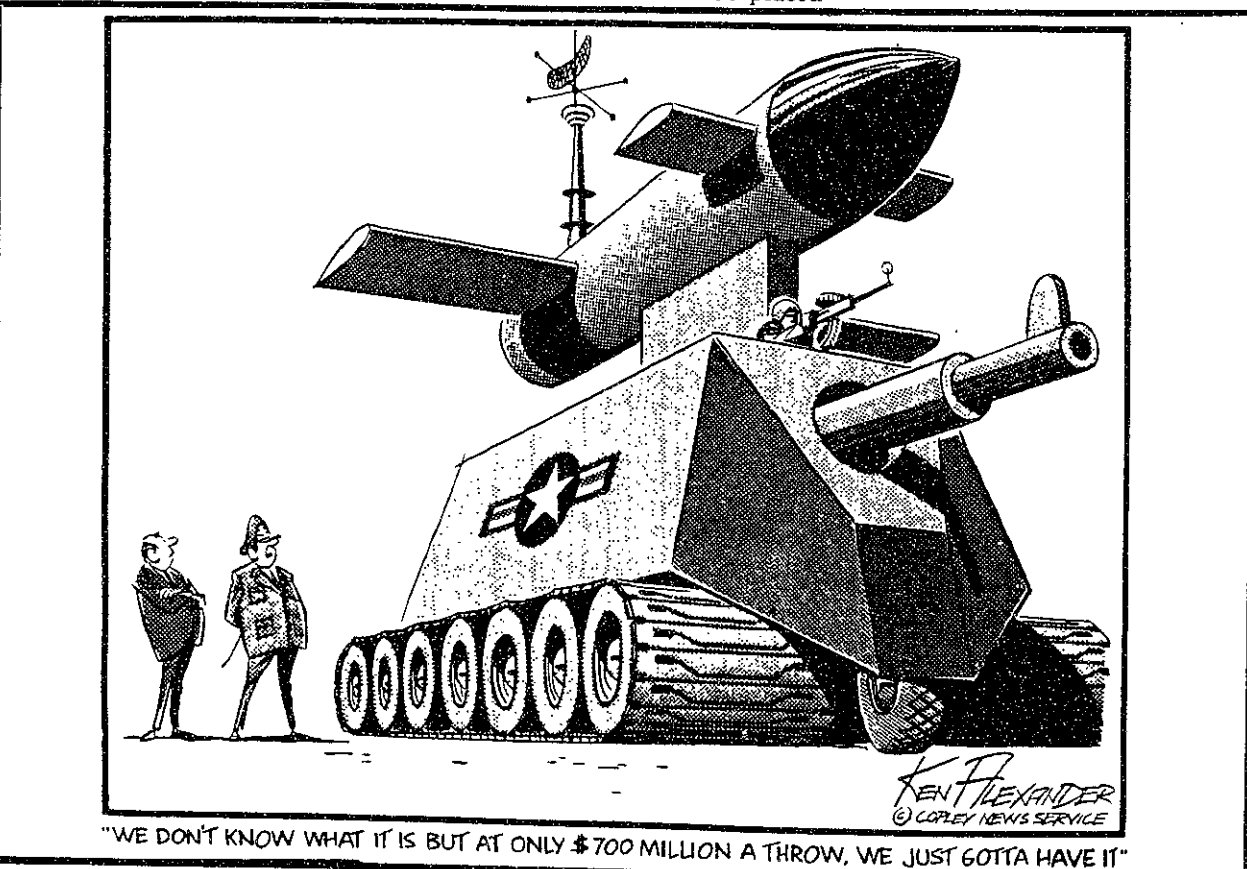
As a warm-up, there may be another Grenada-style grown-man-beating-up-a-child "victory" in a small country, possibly Surinam. Some draftees may die in Central America as US troops.

As in Reagan's first term, there will be no progress in arms control. More missiles will be placed

in Europe. The American arms buildup will accelerate, and the Soviet Union will step up its own in response.

Right-wing dictatorships in Central and South America will crack down and crush the open democratic opposition to their regimes, leaving only guerrillas and Communist sympathizers. The US government will do little to stop the oppression and will provide the dictators with arms and

(Please turn to page 7)



The Tech

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opinion

Where candidates stand on issues

(Continued from page 4)

to retire over the next four years, the winner of today's election could shape the pattern of Supreme Court decisions for the rest of the century.

Reagan disagrees with the Burger and Warren Supreme Court decisions on abortion and prayer in schools and will likely nominate conservatives for any Court vacancies.

Mondale has not indicated any stand on the future composition of the Supreme Court.

Reproductive rights

Reagan favors a constitutional amendment to ban most abortions. He also opposes use of federal money to finance abortions.

Mondale supports women's right to choose abortion. He supports continued federal financing for abortions.

Religion in government

Reagan is trying to walk a line between using religion as a basis for morality in politics and separation of church and state. He says religion has a place in the political process, but also affirms the First Amendment prohibition of a state-established religion. Reagan also supports a constitutional amendment to permit organized prayer in public schools.

Mondale believes in a "wall between church and state." He firmly opposes any government sponsorship of school prayer, including silent prayer.

Civil rights

Reagan opposes the proposed equal rights amendment on the grounds that its wording would require women to serve in combat. He favors individual solutions to discrimination rather than government involvement through affirmative action.

Mondale opposes any weakening of affirmative action programs. He also supports ratification of the proposed equal rights amendment.

The environment

Reagan supports industrial exploitation of public lands and resources. He favors less stringent pollution laws for industry.

Mondale claims he would reverse current trends in loosening of governmental restrictions on public land usage and strengthen the toxic-waste-site cleanup law.

Federalism

Reagan favors turning over many important decisions, such as how to spend federal grant money, and programs to state and local governments. He supports less direct federal involvement at local levels.

Mondale espouses the idea of a strong central government and would retain federal control of decisions and programs.



"...and if all else fails, put this manual on the staircase where the man you want to overthrow will trip and break his neck..." ©1984 Caplan News Service

feedback

Consider Reagan's policies

To the Editor:

This letter is addressed to those who plan to help re-elect President Ronald Reagan today. Before doing so, I urge you to contemplate his stands on major issues and whether these views are the ones you want directing our national government for the next four years.

Reagan's "policy" for dealing with the huge federal deficit is to assume that economic growth will eliminate it, despite the objections of virtually every economist in the country.

Reagan is willing to spend billions of dollars on the so-called "Star Wars" defense plan with barely a scrap of knowledge about its intrinsic viability. Yet he

has seen a need to cut government spending through reductions in public school lunch programs, Social Security and Medicaid benefits, Guaranteed Student Loans, and funding for the clean-up of unsafe toxic waste dumps.

He fully supports the right to life of the unborn yet gives little regard to the poverty-stricken all over America.

One might say Reagan is for life but against quality of life, if one were to simplify the issues in his style.

Reagan supports foreign dictatorships on the premise that totalitarianism is better than communist control. Under his administration, relations with the

Soviets have degraded to an all-time low.

He has continually neglected civil rights legislation in formulating his own policies. And now he proudly shouts: "America is standing tall."

I personally feel my posture is much worse than it was four years ago. But if you see no threat to our democratic ideals from Reagan's continued attempts to curtail the flow of information, and you feel comfortable simply because you have enough change in your pocket, I imagine he fact that during the campaign Reagan has never mentioned his agenda for the next four years won't bother you. You can always trust his smile.

Bob Weiner '86

feedback

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feedback



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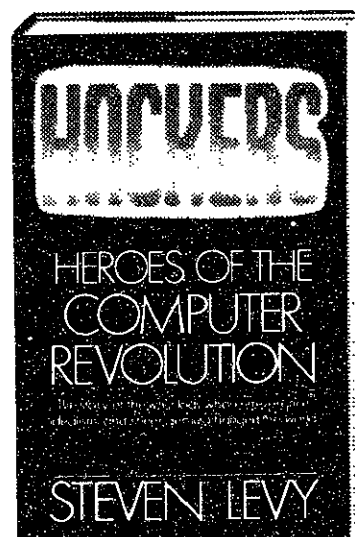


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opinion

Column/Simson L. Garfinkel

Mondale will pull an upset

I really feel Walter F. Mondale is going to win today's election, and I'm kind of scared about it.

Most people think President Ronald W. Reagan will win. The polls tell us Reagan is going to win; he might even pull every state. My friends say the question isn't "Who is going to win the election?" but "Who is going to carry Massachusetts?" — this was the only state to vote for George McGovern in 1972.

I'm not quite sure why Mondale will win, and one thing is for sure: the election will be close. Perhaps the people who support Reagan will not bother to vote since they think the election is in the bag. It wouldn't be the first time overconfidence will have let the tortoise beat the hare.

Perhaps many people will enter the voting booths wholeheartedly intending to vote for Reagan. Then, as they reach for the lever, they will think, "Oh my God! What am I doing?" and pull the Democratic lever instead.

Maybe some who want Reagan to win will vote for Mondale because they don't want the presi-

dent to win in such a landslide that he will feel he has a mandate to do what ever he wants without accountability since he will never again be up for re-election.

There are worse things that could happen to this country than having Mondale as president, but not many. In all probability, Mondale will gut NASA, the armed forces, and every other federal project that does not immediately benefit the poor and the underprivileged. That would be all right by Mondale, with his attitudes of anti-militarism and Communist appeasement, but it would be a mortal blow to the Free World.

Four years ago there was a campaign commercial — I can't remember for which party — which started out: "You know who the candidates are for president. But have you thought about who is running for vice president?" It's true that in recent years a lot of vice presidents have become presidents.

Having George Bush for a cheerleader — er, president — would be a lot of fun. Sure we

might get into a lot of wars — er, police actions — but it would be for Team USA. At least, any war that Bush got us into would be conventional, not nuclear. But Geraldine Ferraro is another story.

While it is probably true that the first female president will get into office accidentally — by the death of her running mate — I can think of many women who would make a better president than Ferraro. Former Assistant Dean for Student Affairs Mary Hope and my mother come to mind, among about a thousand others.

After the vice-presidential "debate" on national television, I'm positive Ferraro doesn't have a clear grasp on a lot of issues of national importance. She has come across as overly concerned about appearances over the course of the campaign. Perhaps this is because the Mondale-Ferraro campaign has been overly concerned about their party's image and how their personal appearances reflect it.

(Please turn to page 8)

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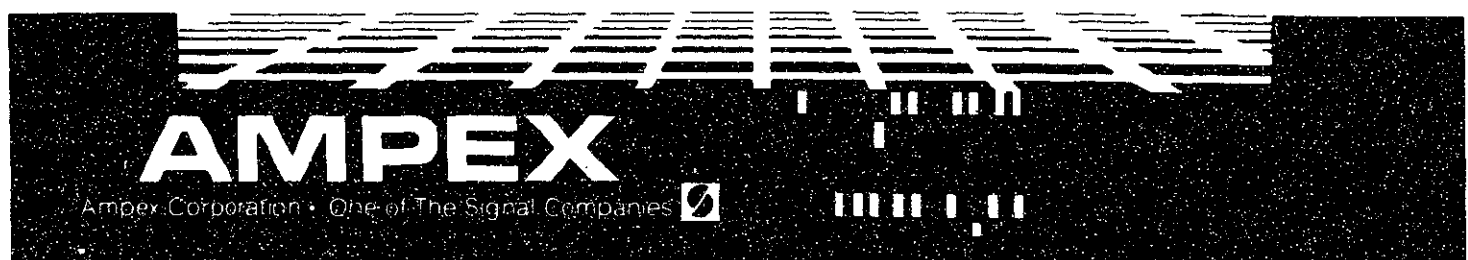
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opinion

What happens if Ronald Reagan is re-elected

(Continued from page 4)

"advisers." This may happen in the Philippines, too. At least one of these repressive governments will topple and the new government will regard the United States as an enemy.

A democracy in Latin America will suffer a CIA-backed military coup and the junta will crack down and crush the democratic opposition.

The influence of the United States in the Middle East will continue to decline, and more Americans will die at the hands of terrorists.

The United States will increase its aid to the government of South Africa.

If Ronald Reagan is re-elected, he will nominate several Supreme Court justices, at least one of whom will be so reactionary or incompetent that the Senate will not approve him. The new Supreme Court will permit organized prayer in public schools, and allow tax credits for Bob Jones University and other institutions that practice discrimination.

The Supreme Court will reverse its 1973 Roe vs. Wade decision. A state will pass a law banning even first-month abortions and the Court will uphold it.

Censoring of government officials will increase, and several prominent officials will resign in protest rather than take polygraph tests. Huge amounts of information will be classified.

There will be a domestic spying scandal and the CIA and the National Security Agency will be accused of illegal violations of privacy, but Attorney General Edwin Meese will not pursue the case. Government investigatory commissions will fail to find anyone accountable. CIA director William Casey will not resign.

After a law mandating the teaching of creationism is challenged, the president will refer to evolution as "just a theory" and say he sees nothing wrong with the law.

The president will "misspeak" more often, and more flagrantly. The White House will hire an extra press secretary whose job will be "clarification."

White House press conferences will become less frequent and shorter. The press will be denied access to a military action in Central America or the Middle East.

There will be four more years of non-enforcement of environmental cleanup laws. There will be four years of inaction on acid rain, and some forests will be permanently damaged. The new Environmental Protection Agency director and Secretary of the Interior will be nearly as bad for the environment as Anne Burford and James Watt were, but will be less outspoken and so will not be forced to resign.

Labor Secretary Raymond Donovan will resign, as will several other Administration officials, because of criminal charges, financial irregularities, or outrageous pronouncements.

The president will attack the Equal Rights Amendment and hinder its passage.

If Ronald Reagan is re-elected, he will increase taxes. Since he has committed himself to not raising taxes within the existing

structure, this increase will take the form of a new tax, probably a national sales tax, and a whole new bureaucracy will be created to administer it.

The Pentagon will get all the money it asks for, representing a substantial increase, and huge cost overruns will cause it to spend much more than that. At least two major new weapons systems will be proposed and approved.

There will be a militarization of the space program at the expense of scientific research in space.

Millions of jobs will vanish overseas as the trade deficit increases, and interest rates will stay high, choking the recovery. Our relations with trading partners like Japan will be strained, and relations with debtor countries will deteriorate drastically.

Latin American debtor countries will form a cartel and threaten to default when domestic unrest makes it impossible for them to implement austerity measures demanded by the United States. As a result, we will collect less than fifty cents to the dollar

or face a default, either of which would probably throw us into a recession.

There will be more poor, and they will be poorer. As health care and food benefits are cut, children will be sicker and hungrier, and infant mortality and malnutrition will rise. The elimination of education and training programs will contribute to the creation of a permanent underclass.

If Ronald Reagan is re-elected, the Republican Party will be taken over by ultraconservatives like Jesse Helms. Moderates like Howard Baker, Robert Dole, and Lowell Weicker will be squeezed out. George Bush will run for president in 1988. The void in the political center will be so large that a new party may be formed to fill it.

By 1987, the president will be so widely perceived as out of touch that a movement to remove him for incompetence will start, but he will go on television and squelch it with a brilliant speech. He will not write the speech.

I'm telling you so.

PHOTO CONTEST

We're having a photo contest and everyone in the MIT community may enter. The results will be published in Technique 1985 and displayed at the Wiesner Student Art Gallery.

Rules:

1. This contest is limited to members of the MIT community, who must not be professional photographers. All photos entered must have been taken by the entrant. Members of *Technique* are not eligible.

2. Please submit only black-and-white 8" x 10" (or smaller) unmounted prints. Write your full name on the back of each print. With your entry, enclose a sheet of paper with the following information: your full name, your affiliation with MIT (if you are a student, write your year; if you are a staff member, write your office number and extension), your address, and your telephone number. You may enter up to 3 prints.

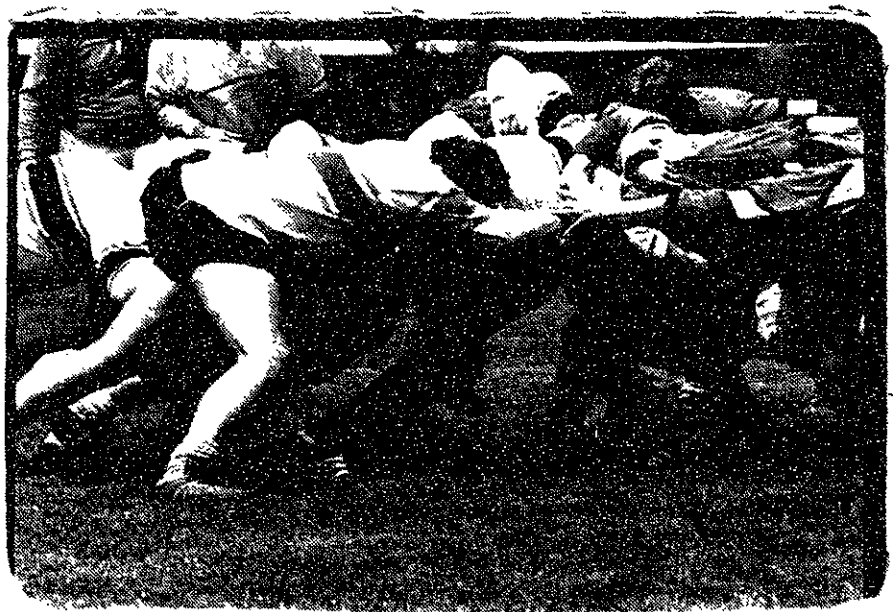
3. Send your photos to:
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(If you mail your entry, please pack a piece of stiff cardboard and write "DO NOT BEND" on the envelope. We don't want your photos to get hurt.) You may also drop your photos off at our office — Student Center Room 451. In either case, we must receive your entry by 5 PM, November 10, 1984. If you wish to have your entries returned, please enclose a self-addressed envelope with proper postage.

4. All entries will be judged by members of the *Technique* Managing Board and other distinguished members of the MIT community. Judging will be based on the following criteria: artistic merit and originality, composition, and technical quality. The decisions of the judges will be final.

5. Photographs may be of any subject in the universe, living or not. You may use any form of darkroom manipulation or multiple-negative printing.

6. *Technique 1985* retains first publication rights (i.e. the photos may not have been previously or concurrently published or entered in any other contest, newspaper, magazine, journal, or book) of all winning entries. The photographer will retain all other rights to his entries. Winning entries will be published in *Technique 1985*. *Technique* also reserves the right to exhibit all photos entered in the Wiesner Student Art Gallery.



Kaveh Kardan



Ken Flowers

TECHNIQUE.

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opinion

US policy promotes violence

(Continued from page 4)

cannot give evidence for any more than a trickle of aid. Former Central American CIA analyst David MacMichael has estimated that perhaps three percent of the Salvadoran rebels' supplies come through Nicaragua, hardly enough to be the "lifeblood" of the insurgency that Reagan claims it to be. Such claims lose all credibility when one realizes that the Salvadoran civil war is many years older than the current Sandinista government.

Incidental to Reagan's main revolution-export argument against Nicaragua — but central to maintaining support for his dirty policies — is the attempt to portray the Sandinistas as evil communist villains. George Bush, in the vice presidential debate, said Nicaragua and El Salvador are as different as "night and day." Let's review the record:

Administration officials point to Nicaragua's sporadic censorship of the opposition newspaper *La Prensa* as evidence of descending totalitarianism.

El Salvador no longer even has an opposition press. Opposition journalists there are not censored — they are murdered. The Reagan administration does not consider this totalitarianism, but "struggle towards democracy."

In Nicaragua, the Sandinistas behave badly towards the Pope, and expel foreign priests. The Reagan people accuse the Sandinistas of "religious persecution."

In El Salvador, American Catholic nuns are murdered, and an archbishop is assassinated. Reagan certifies human rights

progress.

In Nicaragua, over the last five years, perhaps 200 persons have been kidnapped or killed by government forces. Amnesty International has reported beatings of Misquito Indians.

During the same time in El Salvador, however, over 42,000 civilians have perished at the hands of right-wing death squads and government security forces. Over 3,000 more have "disappeared."

"Night and day"? One begins to wonder what Bush means by these words. Is this administration ignorant of the facts? Or, as Anthony Lewis asks in a recent column, "was Bush's show of indignant sincerity just a show? Which is worse?"

Yes, the Sandinista human rights record is not ideal. But things must be considered in context. Nicaragua is a tiny nation being militarily attacked and viciously slandered by the most powerful nation on earth, a nation that has already twice invaded it.

No nation's human rights behavior is at its best when it is engaged in full-scale war, not even the United States. Yet even under such conditions, Nicaragua has a record far better than El Salvador, Guatemala, Honduras, Paraguay, or Chile, all nations with extremely cozy relations with the Reagan administration.

Reagan's hypocritical and deceptive policy can only plunge the Sandinistas deeper into war hysteria, perhaps destroying what hopes remain for pluralism and democracy in Nicaragua. It causes US criticism of Soviet intrusion into regions where they are involved to lose credibility.

Worst, more people will die on all sides in Central America as Reagan's terrorist war escalates, and chances for a lasting peace will diminish as the vicious cycle of violence, repression, and torture spirals on.

A vote for Reagan today is a vote to add another tragic chapter to Central America's history books.

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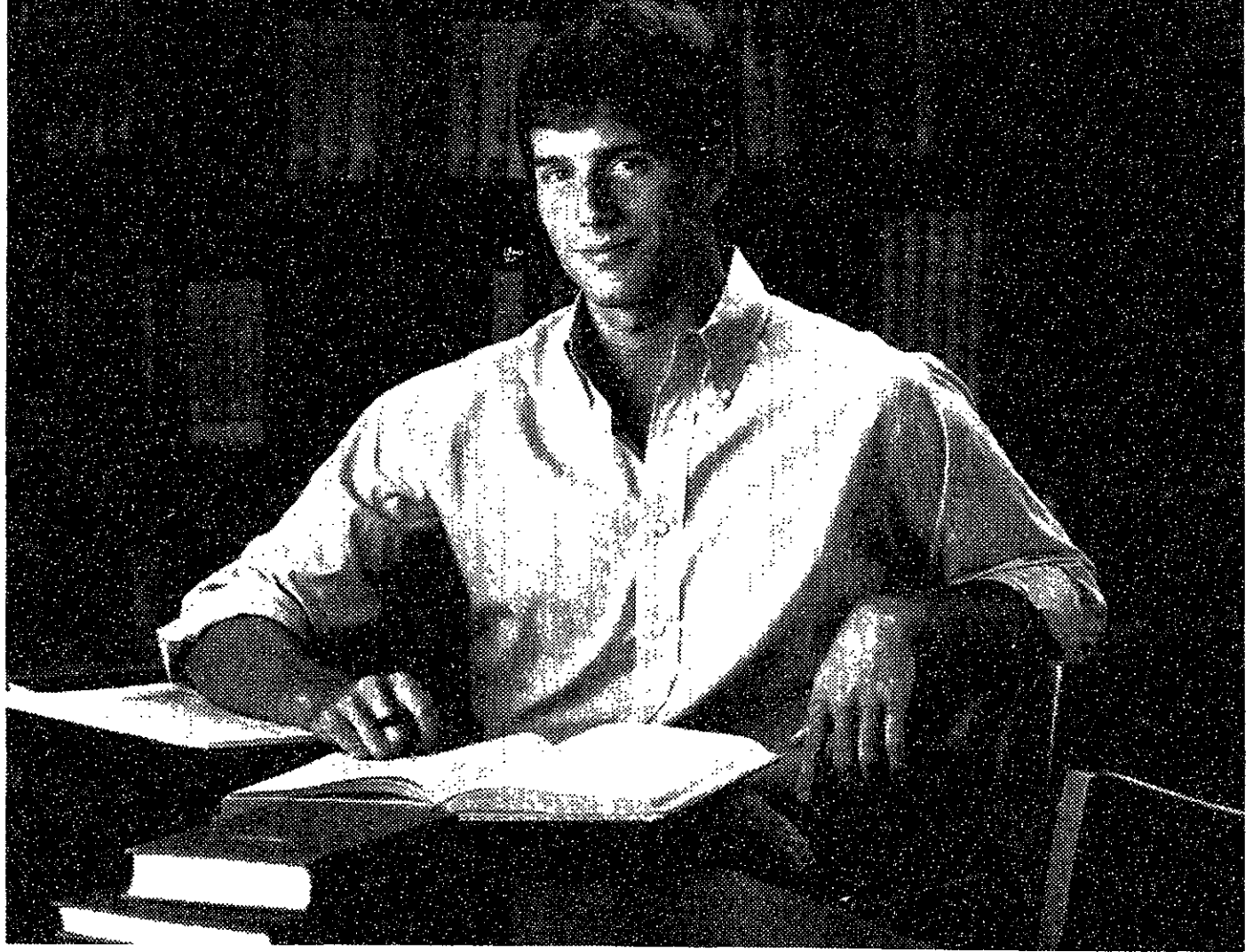
Ferraro not qualified

(Continued from page 6)

And Ferraro doesn't have much experience on the national scene, other than her six years in Congress. Six years as a representative does not really prepare one for the executive responsibilities of the Presidency. At least Reagan and Jimmy Carter were state governors.

MIT students have as much at stake in this election as anybody. If Reagan wins, a lot of students might get drafted, because of his foreign policies. But if Mondale wins, a lot of students might get nuked, because of his policies of nuclear appeasement and weakness. So we'll be experiencing a different kind of tension than we now expect when the results come in tonight and a winner is forecast with only one percent of the votes counted. I think a lot of people are in for a surprise.

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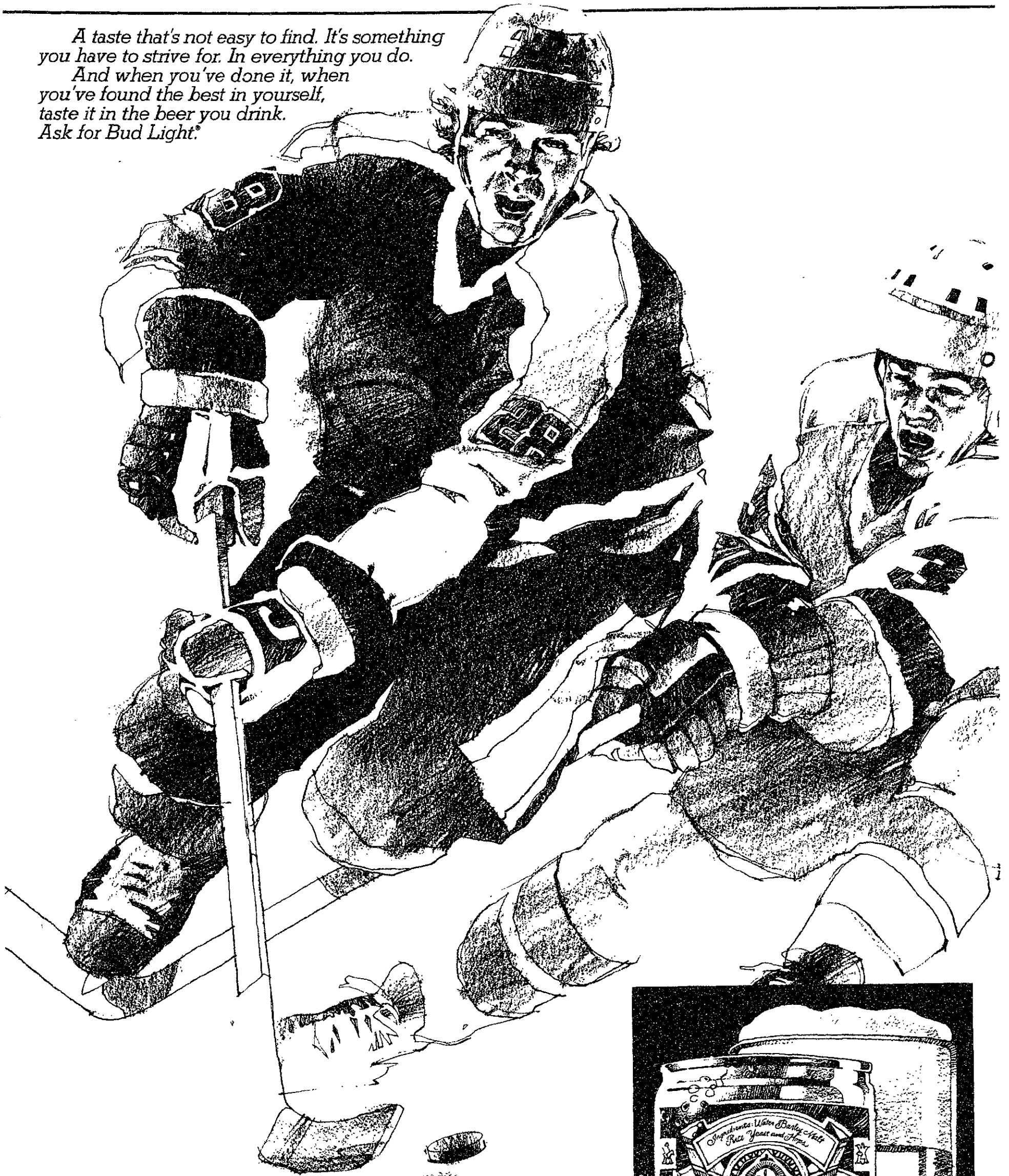
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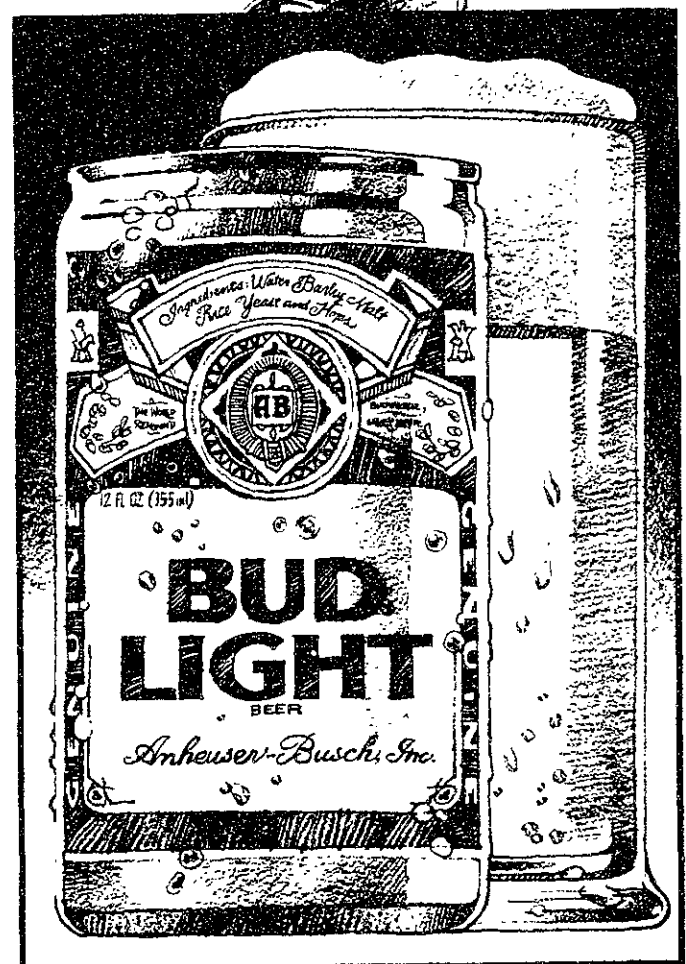
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ARTS

Harvard I; MIT O

The English Concert, Nov. 3, Sanders Theatre.

The English Concert concert at Sanders Theatre Saturday night shone from first note to last: it is inconceivable that Boston could see a finer performance this year. The proceedings began with Vivaldi's *Sinfonia in G*. The pace of the *allegro molto* gave the first movement a brilliance that was to characterize the whole concert; the *andante* was marked by the humor of plucking on cello and bass and the magic violin solo of Simon Standage and Michaela Comberti; and the wit and verve of the concluding *allegro* pointed to a virtuosity

and style that was totally pleasurable and utterly Vivaldi.

Director Trevor Pinnock played solo in Bach's *Harpsichord Concerto in D minor*. At Pinnock's hands, tension gradually increased during the opening *allegro*, his diamond-sharp harpsichord playing weaving through a velvet of embracing strings: the movement's cadenza was particularly intense and inward-looking; and just as the listener's brains were about to be smashed to smithereens, the pressure was resolved by an orchestra effortlessly re-entering to buoy the harpsichord to movement's conclusion.

The *adagio* grabbed the mental senses, yet contained the essence of humanity. Pinnock's solo work in the last movement was as intricate as it was powerful; the unusual surrounding ambience in the orchestra created by an immaculate sense of balance took the work from the quintessentially human to the uniquely divine.

Elation is the only word to describe the feeling transmitted as the Concert launched into their joyous rendition of Handel's *Concerto Grosso in B-flat*, Op. 3, No. 2. The interplay of cello and oboe in the *Largo* was especially compelling, the sadness and profundity of carefully modulated oboe warmed by the easy line of cellos.

The beauty of the final movement, combining a rhythmic bounce in the strings with a racy oboe solo, brought the work to a sunny and stunning conclusion.

An airy performance of Purcell's *Chacony* opened the second part of the concert and was followed by a full and satisfying account of Bach's *Suite No. 1 in C*. Strings were ever smooth and elegant; Pinnock's harpsichord was eloquent. The oboes enchanted, bassoon bubbled. The rapturous standing ovation which greeted the finale was rewarded with an encore — of the first movement from Boyce's *Symphony No. 1* — effervescent and joyous to the end.

The Melos String Quartet performance in Kresge Auditorium on Friday night was disappointing. Although they demonstrated a high standard of technical proficiency, the quartet seemed to play the notes but not the music. Although there were some intellectually pleasing moments — especially in the second piece, Beethoven's Quartet in E flat, Op. 127 — there was a lack of warmth throughout the program which made the technical virtuosity empty.

Jonathan Richmond



The English Concert.

Camerata interesting

The Boston Camerata, Sanders Theatre, Oct. 21.

The Boston Camerata opened its 30th anniversary season with *War and Peace*, a concert of Renaissance and Baroque music. When I entered, there were two people on stage singing Robert Morton's *L'Homme Armé* to the accompaniment of a small portable electronic keyboard. I was a bit surprised at the anachronism, but the duet was quite well performed. The rest of the concert was done with more ancient-looking instruments, such as recorders, shawms, and lutes.

Section I of the concert closed with the entire company on stage for Heinrich Schuetz's setting of Psalm Two, *Warum Toben die Heiden*. The performers flowed into section II, *La Battaglia*, a collection of martial music. The soprano soloist is to be complimented for her performance of *Altri canti d'amor*; it came out clearly and powerfully. The next piece, *A Soldier's Resolution*, had the the viola da gamba playing solo. The gamba described phases of battle, from the trumpets on the field to the march back. In the skillful hands of a Camerata player, a viol can quite effectively give the impression of a number of horns.

The third section, *Absalom, Absalom*, dealt with a result of war — the death of loved ones. Three works comprised this section: *The Burying of the Dead*, by William Byrd; *Triste estava el rey David*, by Alonso Mudarra; and *Fili mi, Absalom* by Heinrich Schuetz. Of these three, *Fili mi, Absalom*, was most strikingly done. The soloist expressed the sorrow of King David on learning of his son's death very movingly. The audience responded to the first half of the concert with a standing ovation.

After intermission, section IV, *In Hora* (Please turn to page 16)

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ARTS

Inside spoof

Forbidden Broadway, a 1½ hour musical revue, will run through early spring at the Boston Park Plaza Hotel. Contains hearty laughter, inside jokes, four fresh thespians and brief lewdity. Rated TG (Theatrical Guidance strongly suggested). For more information contact the box office at 357-8384.

Forbidden Broadway, a live comedy revue that has recently migrated from the Big Apple, is highly witty to say the least, but isn't for everyone. Consequently, this review is custom tailored to the reader's situation. Just answer the following questions: 1) Do you own a sweater and skirt/slacks? 2) Are you fairly well versed on the gossip and onstage happenings of Broadway? 3) Do the only things that you know about theatre include the first words to *Annie's* "Tomorrow" chorus, the fact that *A Chorus Line* is still running and that Broadway is a long street in New York City? Please read on:

You own a sweater, skirt/slacks but couldn't differentiate Broadway from Park Avenue: Forbidden Broadway's atmosphere and experience is exemplified by the grand piano and diminutive neon sign feebly declaring the show's title. The fine performances and cozy venue are major reasons that this show is persistently engaging. Two actors, two actresses and pianist use their abundant vitality and freshness (one is a recent Dartmouth graduate; another from Boston Conservatory) to perform for *each* member of the audience, not at the collective mass. For example, the show opens in a mock waiter-waitress argument within the lounge that becomes suspiciously played out and climaxes into the song "Glad I Don't Act Anymore." Because of the energy put into each two-minute satire, these little gags do not become jaded as the evening wears on.

You do not have to have seen *Amadeus* to smirk at the convincingly condescending, high-brow enunciating of "If you like dresses that are splashy... see the show that makes Mozart look trashy." In general, the more blatant the imitation, the funnier it is for all.

A pushy, loud Ethel Merman, a repugnant Annie belting out "Redundant, redundant, this song is redundant" to the tune of "Tomorrow," and an obese Screaming Girl (i.e. Dreamgirl) claiming that her "thighs have gone condo" are highlights of the evening. However, it must be noted that some of the slights against actors and actresses (a staple of the show) might go over your head, and at \$14 - \$17 per ticket, this weakness may leave you feeling unsatisfied at show's end. Lack of background information was a problem for all six of the college reviewers present the night of this performance. Even so, this show may be for you if you enjoy an occasional touch of the arts.

You own a sweater, skirt/slacks and know Broadway like the insides of your Gucci shoes: All of the above holds true, with the exception that even the most recent and ancient references will make sense. Many imitations aren't exact recreations, but rely more on subtly-worded tongue-in-cheek delineations and brevity (a blessing for both the sophisticate and the novice) to make a point and create laughter. Ms. Lupone, the original Evita, claiming that "for me one year was enough" and a rough version of a glittery, sub-baroness Lauren Bacall are typical. If you are truly a native with regard to theatrical experience, you will agree with the seasoned audience and *Newsweek* ("Mercilessly funny!") that *Forbidden Broadway* is well worth the ticket price, and a refreshing change from the large, impersonal performances of Broadway itself.

You don't own a sweater or skirt/slacks: For goodness' sake, buy some clothes. An experience like popping into the posh Boston Park Plaza Hotel (where such an outfit is the minimum requisite level of formality) in a fancy Boston neighborhood is an essential change from the mundane rigors of MIT. If you are willing to brave the \$14 minimum ticket price, a lively performance of *Forbidden Broadway* is just the thing.

Scott Lichtman



Four performers spoof popular characters in *Forbidden Broadway*.

Well-done propaganda

La Ultima Banana En Managua (The Last Banana in Managua), conceived and performed by David Perrigo, directed by Downing Cless, Thursday, Friday and Saturday through Nov. 17 at 8 pm; admission \$5; 53 Berkley St., (Local 26); 247-1577.

This is the best piece of propaganda I have ever seen. The show makes for effective propaganda because it is compelling drama and well-produced; the novel format grabs the theater-goer, who can't help being ensnared by the super-charged ideology.

La Ultima Banana En Managua is performed in English by David Perrigo alone, but with lots of technical support. Perrigo plays a fumbling CIA agent who has been sent down to Nicaragua to infiltrate the native community as an American tourist. He is supposed to find out why the American-sponsored "Freedom Fighters" have been having such a hard time winning back the country. He tours around Nicaragua and stays with a Sandanistan family in Managua. The play recounts a series of incidents and adventures that happen to him while he is in the country.

I last saw David Perrigo in Downing Cless's production of *We Won't Pay, We*

Won't Pay. In that production too, Perrigo played many roles. Since then, Perrigo has refined his art to the point where he can be several people on the stage at the same time.

But the technical assistance is indispensable to the success of the performance: slides, voices, light changes, more slides: all combine to give the viewer the impression that the stage is filled with many characters, not one lone actor. The net effect is that of quality drama which does not reflect the low budget of this production.

What makes the play effective as a propaganda tool is the supporting evidence which is presented hand-in-hand with the dialogue. The "scenery" for the play consists of a large collection of slides from Nicaragua; basically, Perrigo performs in front of a slide show. The slides take the audience down to Managua with Perrigo, and translate his words into the "reality" we are supposed to see. Perrigo, as a 16-year-old Sandanista, says that the people were unhappy under Somosa, but are now content and lead fulfilled lives. A slide of smiling children meanwhile conveniently appears on screen.

(Please turn to page 16)



David Perrigo is beside himself in *La Ultima Banana en Managua*.

Play about death is depressing

The Deadlined, by Elias Canetti, playing Wed. through Sat. through Nov. 17 at 8 pm; at The Dinosaur Space, 10 West St.; admission \$5-\$8.

Are you into depression? Are you constantly obsessed with the thought of death — your own or others'? Would your life be easier if you knew when you were going to die? Can you sing "Death, death, death, death..." to the tune that Monty Python uses for their "Spam, spam, spam, spam..." skit? Then you would probably enjoy *The Deadlined*.

As for me, I spent idle moments during this play contemplating means for avenging myself on my arts editor. "Jim, how would you like to review a play for me?", he says. "I think it's a murder mystery," he says. Wrong.

This play is one of those depressing post-WWII products of an Eastern European mind. Imagine if you will a society where anyone's name is the age at which he will die; everyone knows the age of a person's death but never knows his age. Enter the rebellious Mr. Fifty; and sit back for something that is reminiscent of a two-hour Mondale campaign commercial on the nuclear arms race, only not as cheery.

For those of you who have, up to now, been spared exposure to the works of Elias Canetti, the producer thoughtlessly included in the playbill excerpts from Canetti's writings; for example, "Proof is the hereditary misfortune of thinking." Charity dictates that one assume this *bon mot* suffered in translation from the original Bulgarian.

More appropriate to this play is Canetti's pondering on the issue of eternal life:

"[Death] is the ultimate symbol of failure: the man who fails on a grand scale comforts himself with the thought that there can be further failure, and he reaches for the huge dark cloak that covers everything evenly. Yet if death didn't exist, no man could ever fail at anything; every new effort would make up for weaknesses, inadequacies, and sins. Unlimited time would inspire unlimited courage."

Canetti, who lived through WWII, perhaps did not consider a Hitler or Stalin who could live forever. Canetti perhaps did not consider the effect of eternal life on ambition when there would be a million tomorrows to achieve what was not achieved today. As for courage, timidity would rule when any action could possibly

leave one a quadriplegic for the rest of eternity.

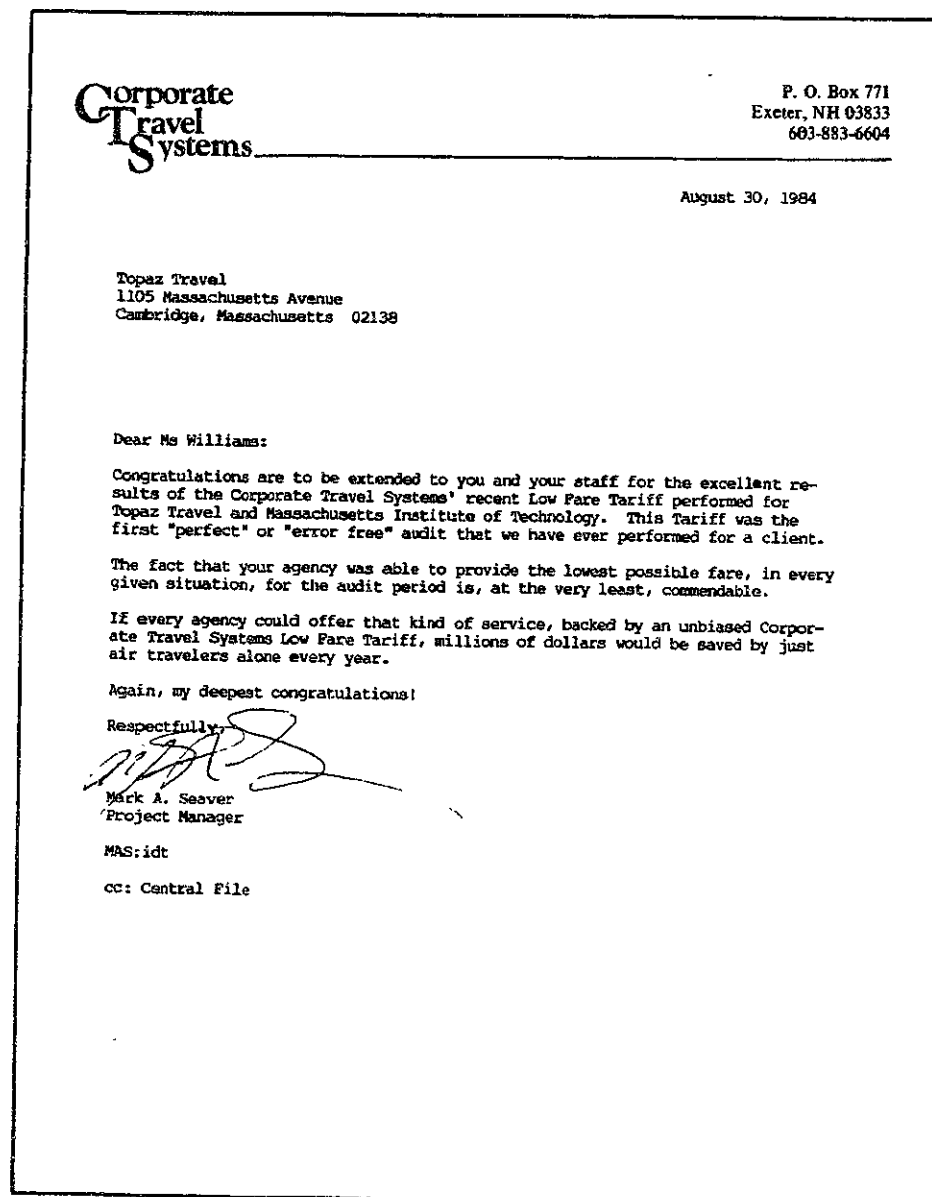
The Deadlined is concerned — no, preoccupied — with knowing the *moment*. All but one character are obsessed with when they will die rather than with how they will live. This is alleged to produce a healthier society as people can plan their lives from the start, at the cost of knowing how many days are left.

I assume that Canetti is trying to expose this silly human obsession with death. Having been spared a healthy dose of Eastern European fatalism in my early childhood, the need to expose this obsession escapes me.

In all fairness to the actors, director, and staff, this was a well-produced and well-acted play. It is just plain depressing.

James F. Kirk

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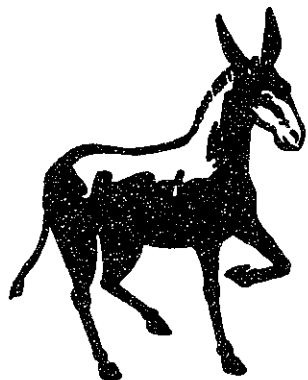
Amanda Gruber '85, Course IX:
"Mondale, because I think he's a more stable person. I don't trust Reagan not to get us into a war. I have two brothers and I don't want them going to fight for . . . something silly."



Jim Roberts '87, Course XI:
"I voted for Reagan because I believe that his policies have worked out over the past four years, and I believe that they will continue to do so in the next four years."



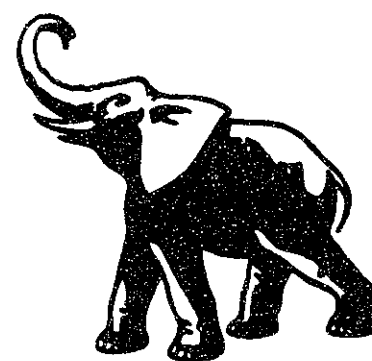
Linda Lambert '85, Course XIV:
"Mondale/Ferraro because even though Reagan's economic policies have helped the majority of the country, there are many people that they have not helped and eventually hurt."



Suzanne Krolkowski '88:
"Mondale/Ferraro because . . . she's a woman, and so am I, you know? I am a Republican, but I just think . . . I don't like how Reagan runs things. He doesn't really do much. He's always on vacation in California most of the time anyway. So, I think they'll do a better job, realistically."



Peter Klier '87, Course VIII:
"Who will I vote for? Well, I think I'm going to vote for somebody from a third party. I don't know yet, it'll probably be constitutionalist or libertarian, because I think Mondale is sort of a bowl of jello. He's really weak on foreign policies and I don't like Reagan's, you know, religious fundamentalism, his attitudes towards that kind of stuff."



Kent Jeffrey '86, Course XVI:
"I don't vote because I think politics is pretty much just a popularity contest. So, therefore, there's no way I'm telling where everybody stands on which issues. It all gets so muddled up . . . so I don't really pay a lot of attention."



Anna Franco '87, Course XII:
"I will probably vote for David Bergland because I'm more of a libertarian than anything else, and I really don't want to vote for the other two."



Bob Newman '88:
"David Bergland: Libertarian candidate. I guess I'm a libertarian. I believe he's the man who sticks to his principles most."

Responses compiled by
 Ben Stanger
 Tech photos by
 Mike Frey

Deans address issues and the quality of life

(Continued from page 1)

In another course, she said, she told a teaching assistant she had class notes from a previous term. The teaching assistant replied, "Oh, you got the notes from the last black person who took the course."

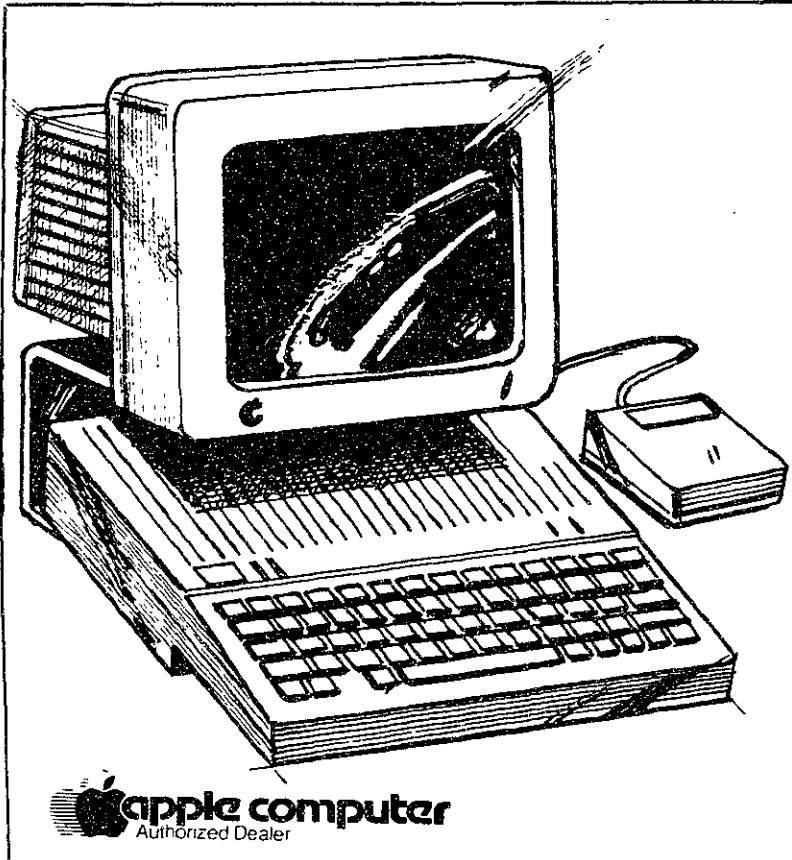
One student said he had to show his identification card to the East Campus desk to sign out athletic supplies and asserted that non-minority students were not required to. Another student at the meeting disagreed, saying all students were required to present their ID's to the East Campus desk when taking out equipment.

A number of the students expressed frustration at having to do better just to be regarded as equal because they were women or minority students.

One student cited two reasons for the greater test anxiety minority students feel at MIT. She said the pressure of being black was one cause, and further pressure can come from being the only minority in a class. "How is one expected to work at one's optimum under those conditions?" she asked.

A number of students complained that there was a widespread belief that minorities and women are admitted preferentially. "I believed it when I first got here" said one woman student, who said the truth of the matter should be more publicized.

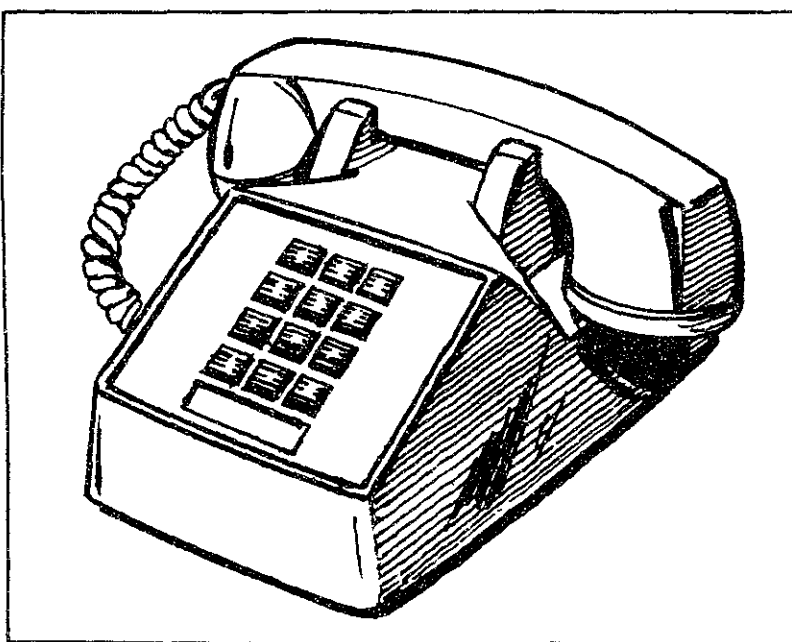
Another student said there was "nothing to lose, but not too much to gain" from such publicity. "One piece of paper won't change 21 years of misconceptions," he claimed.



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Tuesday, Nov. 6

A cognitive science seminar entitled "The Explanatory Role of Content" will be held at 7:30 pm in the Grier Conference Room, 34-101. The speaker will be Fred Dretske, Dept. of Philosophy, University of Wisconsin. For more information, contact Karen Persinger, x3-7358, Room 20B-225.

* * * * *

The next meeting of the Student Cable Programming Group will

take place in Room 9-329 at 6 pm. All interested people are invited to attend. Contact Randy Winchester at x3-7431, Room 9-030.

Wednesday, Nov. 7

The Quality of Student Life at MIT: the last in a series sponsored by the Office of the Dean for Student Affairs. The meeting will be held from 4:30 to 6 pm in the Mezzanine Lounge of the Student Center. Let us hear from you!

Wednesday, Nov. 14

Cambridge Forum presents: "Speakout Against Sexual Harassment," with speakers Herbert Hentz, Brandeis University Affirmative Action administrator; Freida Klein, Employee Relations Manager with Lotus Development, Inc.; and Nan Stein, from the Mass. Dept. of Education. 8 pm at 3 Church Street, Harvard Square. Free.

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Thursday, Nov. 8

A two-part workshop entitled "Help Yourself to a Career Change", sponsored by the Jewish Vocational Service, will be held from 7:30-9:30 pm. The second session will be held on Nov. 15. Fee is \$15. To pre-register, contact Meryl Glatt, 723-2846 or Emily Kirschen, 965-7940.

* * * *

"The Childbirth Experience: Current Controversies", the first in Beth Israel Hospital's 1984-85 "Women's Health" discussion series. The discussion will be held from 7-9 pm in the Grossman Conference Center of Kirstein Hall, Beth Israel Hospital, 330 Brookline Avenue. Open to the public and free of charge. For further information, call 735-4431.

* * * *

The Oxford and Cambridge Society of New England invites all members of the MIT community who are **Oxbridge graduates** to a reception from 5:30-7:30 at the Signet Club, 46 Dunster Street, Cambridge.

* * * *

A seminar entitled "Broadband Networks", sponsored by the Communications Forum, will be held from 4-5:30 pm in the Marlar Lounge, Room 37-252, 70 Vassar Street, Cambridge. The speaker will be Dr. Stewart Personick from Bell Communications Research.

Sunday, Nov. 11

The Children of War Tour, a nationwide event, will feature young people from war-torn areas such as the Middle East, Central America, and Southeast Asia. They will bear witness to the suffering they have endured and bring a message of hope and empowerment to American teenagers. The meeting will be held at 7 pm at the University Lutheran Church, 66 Winthrop Street, Cambridge. Call Alice B. Lane at 369-9602 for more information.

Many of New England's most distinguished writers will gather to participate in **Twenty-Four Hours for Survival** — a round-the-clock reading for peace. The readings will begin at 6 pm and continue through until 6 pm on Monday. This event will be held at the First Congregational Church, 11 Garden Street, Harvard Square. For more information, write News Reading, 45 Cedar Street, Cambridge, MA 02143.

Monday, Nov. 12

A second meeting of **The Children of War Tour** will be held at 9:30 am at the First Parish in

Cambridge, 3 Church Street, Harvard Square. Call Rachel Hass at 437-0005 for more information.

* * * *

Tuesday, Nov. 13

Weight Training for Women: body conditioning, firming and toning, flexibility, and strength. Classes held at the Bodyworks Gym for Women, 53 River St., Cambridge. Tuesdays and Fridays, 7:30-9:00 pm. \$25/4 weeks. Call 491-6050 for more information.

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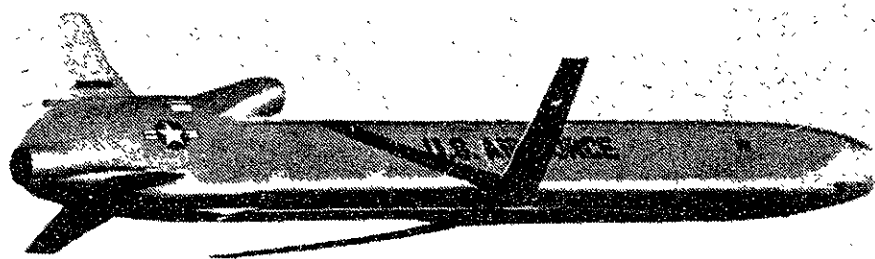
Madeleine Thomas

MEET WITH: Associate Director, Public Policy Program

DATE: Fri., Nov. 16, 10-11 & 11-12 groups

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Convergent Technologies of Santa Clara, California is a fast growing, entrepreneurial company that builds workstations and small to medium computers.

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Moleculon Research Corp. & Moleculon Biotech Inc. will be on campus at the Chemical Engineering department, MIT 66-368 on Thursday, November 8th from 9:00 — 5:00 to interview and discuss career opportunities for all degree levels.

If you cannot attend, call us to set up an appointment time.
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139 Main Street (next to MIT)
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Attention: Technical Graduates

Phil Ward, a senior member of the technical staff at Texas Instruments, the company that invented the NAVSTAR GPS multiplex receiver and a wide variety of other state-of-the-art government electronics will be interviewing on campus.

Who:

Graduating students with a BS, MS or PhD in electrical engineering, computer science, mechanical engineering, or industrial (manufacturing) engineering.

When:

Tuesday, November 13 & Wednesday, November 14 — 9:00 a.m. to 5:00 p.m.

Where:

MIT Career Planning and Placement Center (Room 12-170).

What:

You are invited to learn about the following career opportunities: hardware and software design associated with the development and manufacturing of satellite navigation receivers and communications systems. Artificial intelligence and image processing systems, electro-optics and infrared mapping and night vision systems. Also included will be information on advanced signal processing microelectronic systems, advanced radar and other microwave systems.

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(Continued from page 10)

Ultima (in the last hour before world's end), began. This section included *Semper Dowland Semper Dolens* by John Dowland, *Quivi Sospiri* by Luzzasco Luzzaschi, *In Hora Ultima* by Roland de Lassus, and a *Kyrie Eleison* from the medieval period. The first three pieces expressed despair for the fate of the world. For the *Kyrie*, the Harvard-Radcliffe Collegium Musicum added to the ethereal effect by joining in from the choir lofts.

The prayer for mercy led to a change in theme from war to peace. The concluding section, entitled *Peace in Our Time?*, began with a contrastingly cheerful

setting of psalm 133 by Claude Goudimel. Following this was *Verleih uns Frieden*, a prayer for peace by Heinrich Schuetz. An arrangement of the *Kaddish* by Salamone Rossi intrigued the listener with a combination of solemnity and rhythm. The concert ended well with another work by Heinrich Schuetz, *Es ging ein Saemann aus*, for which the Harvard-Radcliffe Collegium Musicum again assisted by adding power to the chorus, "He that hath ears to hear, let him hear!"

All in all, the afternoon was a fascinating one. I felt as if I had somehow left modern-day Cambridge and stepped into the 16th century for a few hours.

Elsa Chen

(Continued from page 11)

La Ultima Banana En Managua is based on Perrigo's recent trip to Nicaragua, and the play is to benefit the Central American Referendum Campaign, an organization that is trying to get the United States out of Central America with a non-binding question on today's election ballot. It is a dramatically charged play about a very politically charged question.

La Ultima Banana showed me a side of the Nicaraguan conflict that I had never been exposed to before. But politics aside, it is a very moving presentation and well worth the three block walk from the Arlington stop on the Green line. You don't have to be a Communist sympathizer to enjoy this production.

Simson L. Garfinkel

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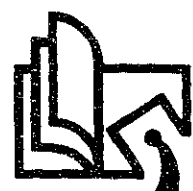
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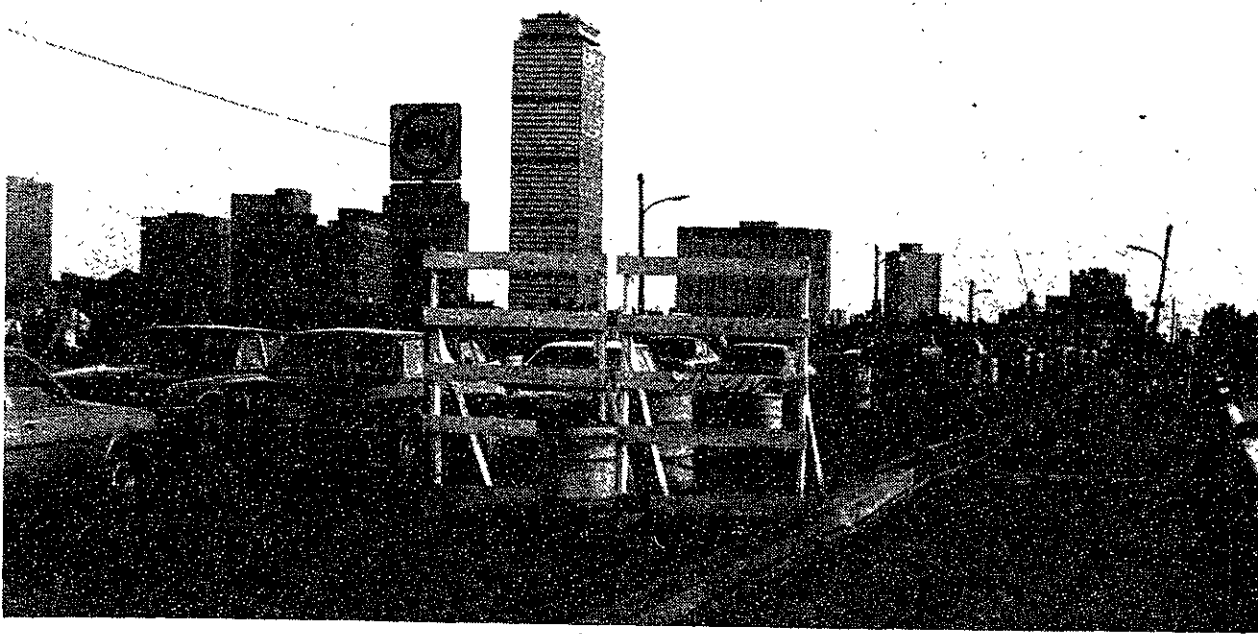
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MDC to replace bridge superstructure



Tech photo by Bill Flowers

Motor vehicle traffic on the Harvard Bridge has been limited to two lanes of cars for the past year and may be closed to all motorists when repairs begin.

By Tony Zamparutti

(Editor's note: This is the second of a two-part series on the plans for the Harvard Bridge.)

The Metropolitan District Commission (MDC) plans to replace the superstructure of the Harvard Bridge because of cracks in the hangers that join sections of the bridge.

The cracks became a major concern after the collapse of a similarly-constructed bridge on Interstate 95 in Greenwich, Connecticut. One of the bridge's hanger joints failed and an entire section of the bridge fell into the Mianus River, killing three people.

Inspectors who examined the Harvard Bridge following the Connecticut failure discovered cracks in several hangers and found one hanger broken.

Construction is set to begin in the spring of 1986, according to David Lenhard, a senior engineer for the Commission.

The Massachusetts Department of Public Works (DPW), which is administering the construction, has not made a final decision on how much of the bridge will be closed.

Only two of the bridge's four lanes are open now, and trucks and buses must detour to other bridges. The entire bridge will probably be closed to cars during reconstruction, with only a pedestrian strip open.

The fastest way to replace the bridge, however, would be to close it completely and remove entire sections, working from the center toward both shores, one engineer on the project said.

MIT has expressed its concern to the agency for students who will need to cross the Charles River while the Harvard Bridge is closed, according to Ronald Suduiko, special assistant to the chairman of the MIT Corporation.

John H. Slater '78, assistant professor of civil engineering, said hanger joints were frequently used on bridges constructed in the 19th century because they made the equations for loads easy to solve. The Mianus River Bridge, however, was built after World War II.

The engineers' wish to ease their problem sets one hundred years ago resulted in eight sections of the Harvard Bridge which literally hang between other sections directly supported by the bridge's piers.

The Harvard Bridge was actually well-constructed, Slater contended, but it was designed to support trolley cars and horse-drawn carts, not this century's trucks and buses.

Four rows of girders support the Harvard Bridge's roadway, so the failure of one hanger leaves three to carry the load, Slater explained. In comparison, only two

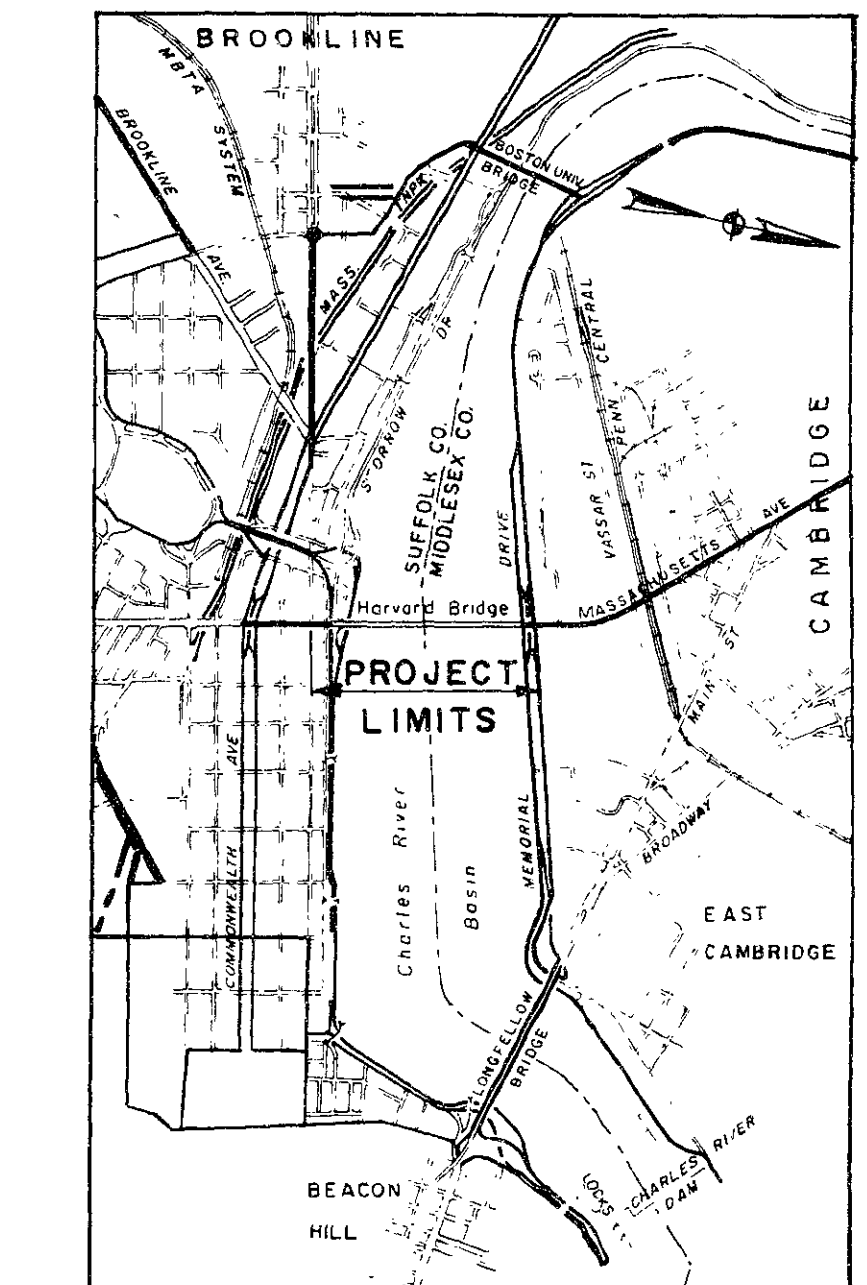
girders supported the Connecticut bridge: when the hanger joint connecting one side's girder failed, an entire section fell.

In addition, salt spread on the bridge in winter to melt snow has corroded a number of hanger joints, Slater explained, causing them to seize. Since the joints could not move they could not perform the job they were designed for and the resulting strain on them created cracks in the hangers.

Another problem is that the MDC has rarely inspected the bridge or done major maintenance work on it.

The Harvard Bridge has over twenty hanger joints. The reconstructed bridge will provide two remedies for the joint problems, according to the preliminary design plans made by the Pavlo Engineering Company.

The new design will feature joints which support intervening sections rather than leaving them hanging. Roller bearings will



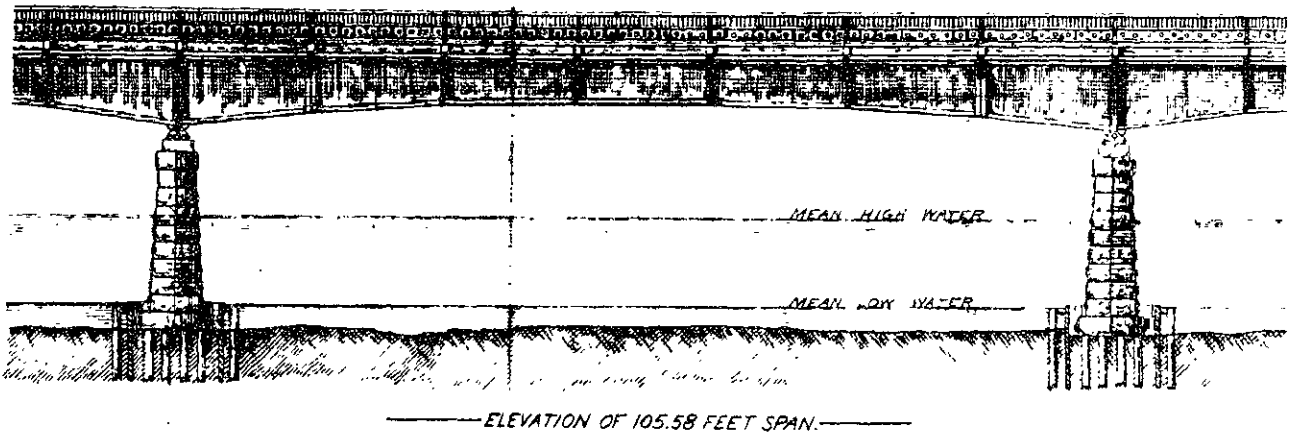
Map of the Charles River Basin

probably replace the hanger joints, according to DPW engineers.

The design would greatly reduce the number of hinges on the bridge by using long continuous sections rather than the present short sections.

Testing on the bridge's piers is

being done to determine whether or not a few long sections can be used to span the entire bridge. If the pier's piles are not strong enough, one central part of the bridge will have to use short-hinged sections, as does the present bridge, rather than a continuous span.



Detail from 1887 diagrams of the Harvard Bridge

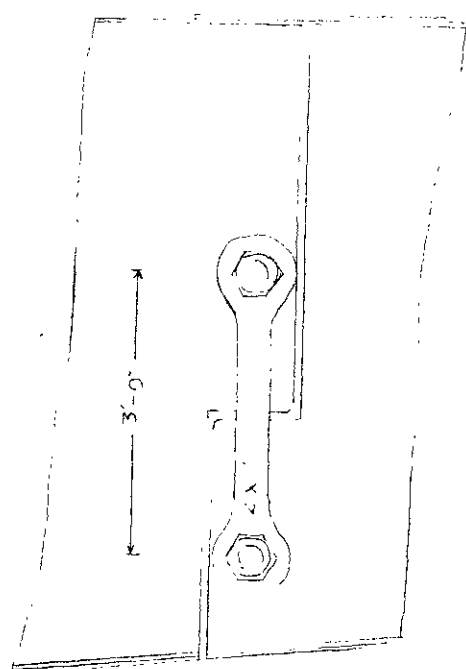
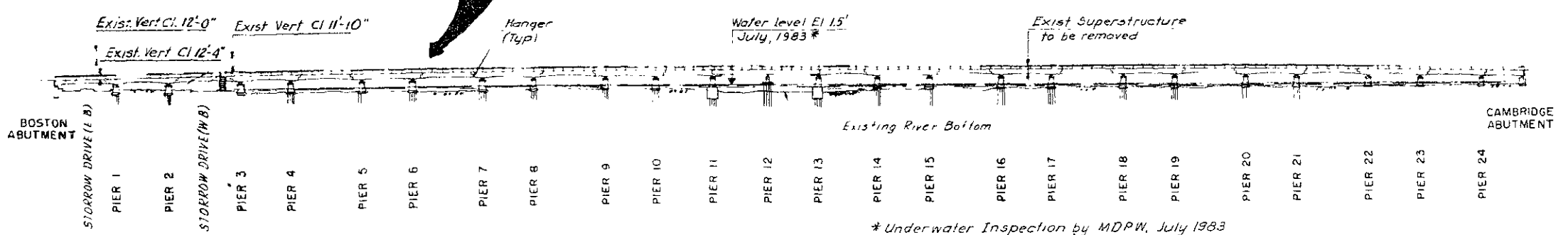


Diagram of hanger joint used on bridge



Tech photo by Jim Butler

Platforms have been erected along the Harvard Bridge to test the supporting piers

ELEVATION OF EXISTING BRIDGE
Scale 1"=100'

Diagrams courtesy Massachusetts Department of Public Works



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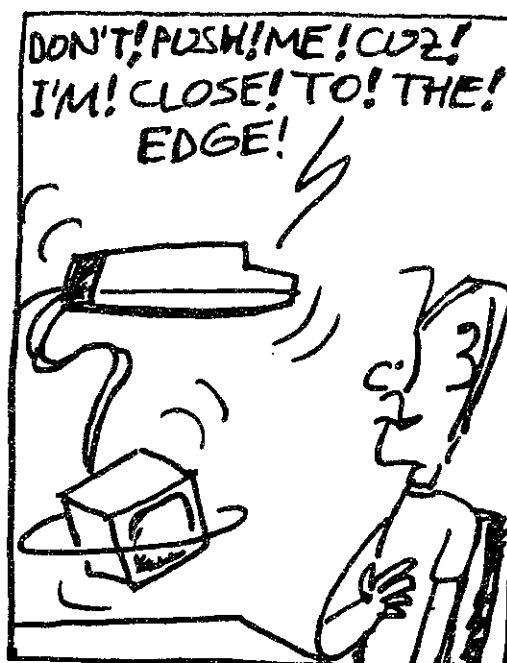
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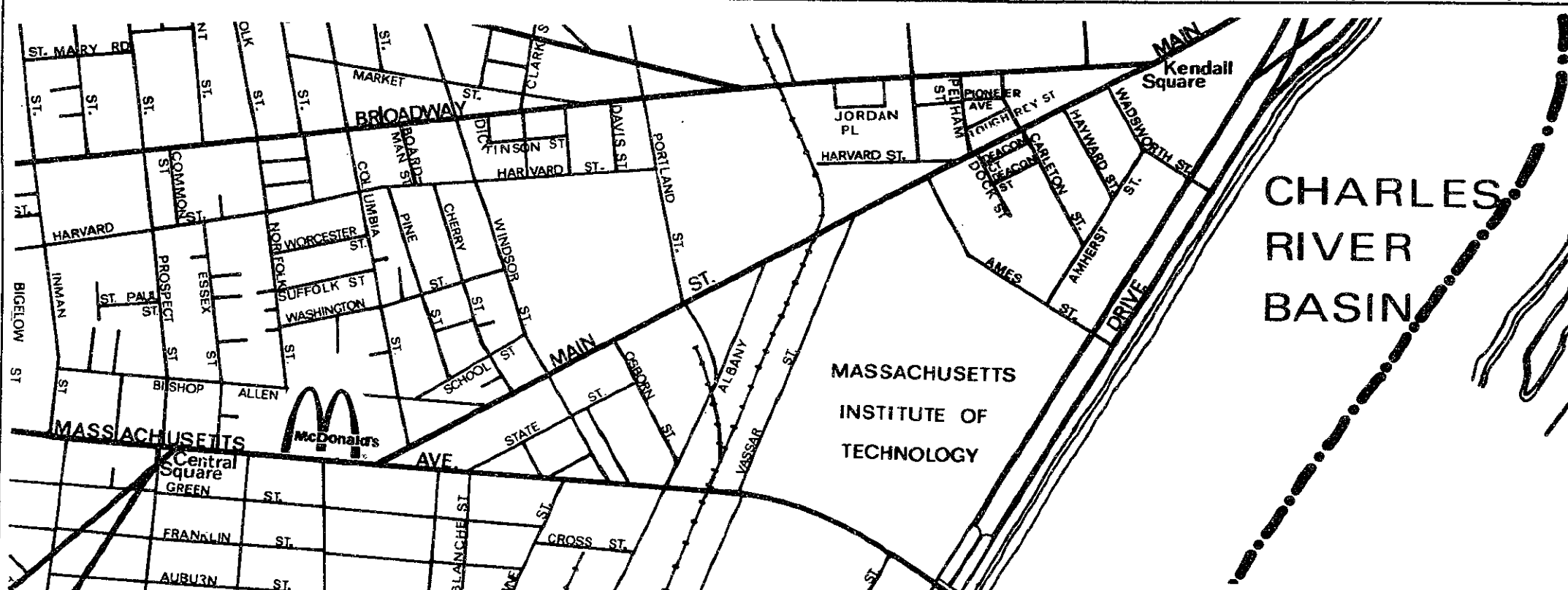


By Geoff Baskir

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sports

Football punts Beacons

By Martin Dickau

Fullback Dan Curran '85 rushed for 139 yards and two touchdowns, and defensive back Shane Arnold '88 had two interceptions as the men's football club pounded the UMass-Boston Beacons, 33-0, Saturday in Steinbrenner Stadium.

MIT's five turnovers were the only barrier preventing an even greater blow-out of the hapless Beacons, as the Engineers held UMass to minus six yards net rushing and only 41 yards passing.

The Beacons have yet to win this season.

The game began well for UMass, when Daxland Prather '87 fumbled the kickoff return and the Beacons recovered on the MIT 38-yard line. UMass managed but one yard on three plays and were forced to punt.

The Engineers wasted no time setting the game's offensive tone. Starting from its own 15, MIT moved out to midfield, thanks to three penalties and a 20-yard run up the middle by Curran. Curran received the call once again at the Beacon 48 and broke loose to go all the way for the score.

MIT put another six points on the board halfway through the second quarter when quarterback Peter Gasparini '88 connected with Ken Corless '86 for a 32-yard scoring strike.

The Engineers scored again five minutes later on another Curran run. The drive began after defensive tackle Larry Munroe G collected his third of six quarterback sacks, giving MIT the ball on the Beacon 27. Six plays later, the Engineers found themselves at the seven, and Curran once again broke through for the touchdown. With Gasparini's kick, the halftime score stood at 19-0.

The second half began inauspiciously for the Beacons. MIT linebacker Mark Hanson picked off a pass on the UMass 18. Two plays later Chris Adams '87 cov-

ered the 16 remaining yards to further pad the lead.

MIT closed the scoring with a 42-yard drive set up when Dave Addison '87 recovered a Beacon fumble. Curran, Adams, and fullback Hugh Ekberg '88 combined their running efforts, with Ekberg providing the final four-yard surge for the score.

The win snapped the Engineers' three-game losing streak. "We needed the win after some tough losses on the road," said MIT head coach Dwight Smith after the game.

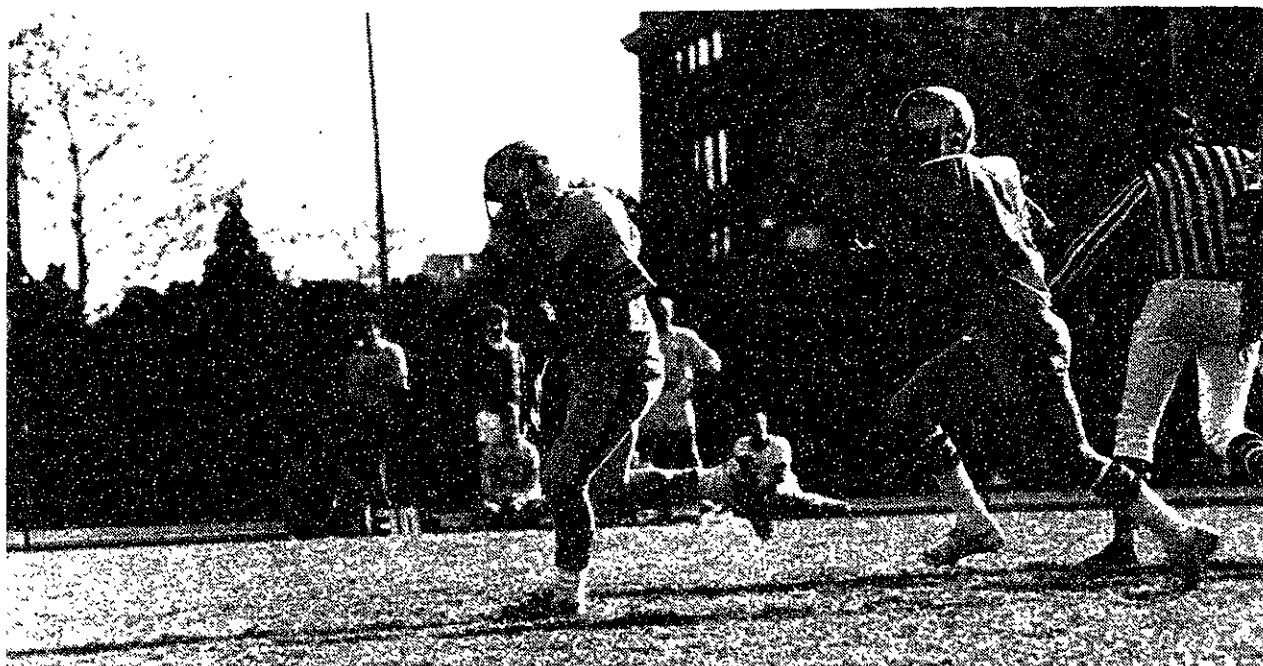
"I really wanted the shutout for the defense," he added. Recent strong defensive efforts have been masked by injuries to the offense and untimely turnovers.

Smith is hoping quarterback Dave Broecker G, who sat out Saturday's game with a separated shoulder, will return to the lineup for Saturday's season finale against the Roger Williams Seahawks.

"He adds an extra dimension to our game," said the coach of the veteran quarterback. Broecker is one of the team's leading rushers.

Offensive tackle John Einhorn, who was injured in the game against Worcester State, may also suit up for the contest.

The game is scheduled to begin at 1 pm, half an hour earlier than usual.



Tech photo by Bill Johnson
Fullback Dan Curran '85 breaks away for a 48-yard touchdown run to give the Engineers a 6-0 lead in the first quarter.

Men's cross country tenth in N.E.

By Robert Zak

The men's cross country team began its post-season competition with a pair of strong showings in the New England Championships at Boston's Franklin Park Saturday.

The day's sunny, cool and windless weather provided nearly ideal racing conditions. The Engineers rose to the occasion, placing sixth and tenth in the junior varsity and varsity divisions, respectively.

Almost two hundred of New England's top cross country runners assembled for the varsity race. The seven MIT runners avoided the big-race tendency to "get lost in the crowd," showing their traditional team running ability by staying close together throughout the race.

"It was like running a dual meet," said Anton Briefer '88 after the race, noting that he was

still in contact with four of his teammates at the three-mile point in the race.

The Engineers' individual times were personal records for all but one runner, despite the fact that the harriers thought of this race more as a dual meet than as a championship. The team has planned for its mental and physical peaks to coincide with its big push at the New England NCAA Division III Championships in two weeks.

Bill Bruno '85 finished first for MIT, 44th overall, in a time of 25:50. Bill Mallet '86, Eugene Tung '88, Will Sauer '85 and Anton Briefer '88 — the remaining four of MIT's scoring five — all crossed the line within the next half minute.

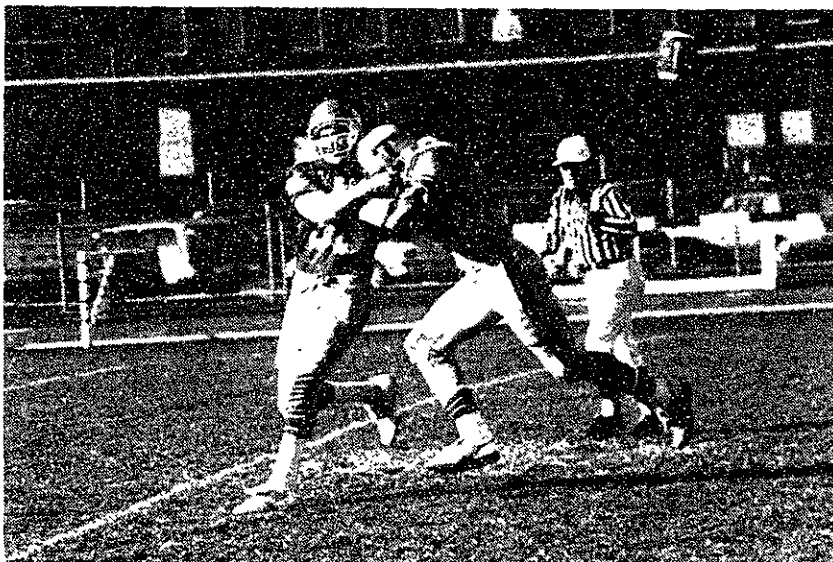
The junior varsity squad placed sixth in its field of over 20

schools, finishing behind the University of Massachusetts at Amherst, Yale, Brown, Boston College, and Northeastern. Robert Zak finished first for the Engineers in a time of 27:43. Zak was followed by Ron Smith '85, Gordon Holterman '87, Turan Erdogan '87, and Rod Hinman '88. The race marks the end of the junior varsity season.

MIT coach Halston Taylor congratulated his team for the day's effort. "You were really great out there," Taylor expressed confidence that the Engineers will be in Ohio in two weeks for their most important meet of the season, the New England Division III Championships. The trip to Ohio is contingent upon the squad's performance in the regional qualifying race Saturday at Franklin Park.

Erratum

Louise Sedlacek '87, Peter Quigley's crew, was inadvertently omitted from Friday's Sports Update on the varsity sailing team's participation in the New England Championships (Schell Trophy).



Tech photo by Bill Johnson
Defensive tackle Larry Munroe G sacked the UMass-Boston quarterback six times Saturday. The defense shut out the host Beacons 33-0.

MIT 33, UMass 0

MIT	6	13	14	0	—	33
UMass	0	0	0	0	—	0

MIT — Curran 48 run (kick blocked)
MIT — Corless 32 pass from Gasparini (run failed)
MIT — Curran 7 run (Gasparini kick)
MIT — Adams 16 run (Gasparini kick)
MIT — Ekberg 4 run (Gasparini kick)
Attendance — 70

	UMass	MIT
First downs	16	16
Rushes-yards	30-6	53-256
Passing yards	41	58
Return yards	96	86
Passes	7-20-4	3-8-1
Punts	9-288	4-147
Fumbles-lost	4-1	4-4
Penalties-yards	14-99	6-57

Individual Leaders
Rushing — MIT, Curran 21-139, Ekberg 11-55, Adams 8-41, UMass-Boston, Scarbrough 4-26, Lewzili 4-5.
Passing — MIT, Gasparini 8-31-58, UMass-Boston, Francis 8-4-0-50.
Receiving — MIT, Corless 1-32, Curran 1-16, Jones 1-10, UMass-Boston, Simmons 5-52.

Women's volleyball finishes second at Rutgers Invitational tournament

The women's volleyball team continued to take the fight to Division I teams last weekend, finishing second in the Rutgers Invitational Tournament. The team won four of five matches, raising its record to 29-4 on the season.

The Engineers opened the competition Friday with their usual efficiency, defeating George Mason, 15-9, 15-11, and crushing host Rutgers, 15-5, 15-6.

Saturday began much the same way, as the Engineers blew past New York Tech, 15-4, 15-7. Syracuse fared no better, losing 15-8, 15-3. MIT's streak came to an end at the hands of the University of Rhode Island, however, 15-8, 15-3.

Pistol shoots past 3rd seed Air Force

The pistol team topped Coast Guard and third-seeded Air Force to finish third behind Army and Citadel in a match at West Point last weekend.

Jerry Martin '86 placed third in the free pistol event, firing a 258 out of a possible 300 points. Joseph LaRocca '87 followed with a personal high of 250, to give the Engineers third in the event, behind Army and Citadel.

Team captain Roberto Landrau '85 shot a 371 out of 400 in air pistol, defeating last year's champion Rick Roberts of the Citadel and All-American Richard Shelton of Army in a double tie-

breaker. LaRocca, Martin, and James Lee '85 also took part in the event, giving MIT 1434 to Citadel's 1441.

Martin captured the standard pistol competition by 10 points, firing a personal high of 555 out of 600. Landrau, LaRocca, and Warren Katz '86 also represented the Engineers in the event.

Water polo splits at New Englands

The water polo team participated in the New England Championships at Brown last weekend, losing 15-9 to Harvard in the opener, and defeating UMass-Amherst, 12-10. The squad finishes its season at 10-16-1.

Martin Dickau

By Arthur Lee

Cold, gloomy days are here again. The Athletic Center skating rink opened last week, allowing members of the MIT community to master the art of skating and to fine-tune the skill of puck-running.

"What if I don't own a pair of skates?" you ask. Well, you could buy a pair. "But," you protest, "a good pair of hockey skates can cost up to fifty big ones."

No need to despair. The Class of 1984 has come to your rescue. You can now rent skates for recreational use and physical education classes, thanks to last year's senior class gift to the Department of Athletics.

"Every year, the graduating class presents a gift to MIT as a farewell and as a way for the MIT community to remember the class," said John Holcomb '84, off-campus chairman of the Senior Gift Program. "By establish-

ing a system of ice skate rental, we intend to provide a much-needed service."

Approximately 150 pairs of hockey skates, with sizes ranging from 4 on up, are available for a nominal fee. The skates are issued at the equipment desk in the Rockwell Cage lobby.

MIT students with current athletic stickers and members of the MIT community with athletic cards are eligible to rent the skates. Students are charged a rental fee of one dollar, while faculty, staff, and alumni have to pay two. Each cardholder may also rent skates for up to two guests, supply permitting. Rental for family members is also limited to two additional pairs per visit.

Skates must be returned after PE class and by the end of the general skating period. Failure to return skates will result in a fine and possible loss of athletic card privileges.



Tech photo by Jim Butler
The French House crew returns to the Pierce Boat-house after competing in Class Day Saturday.