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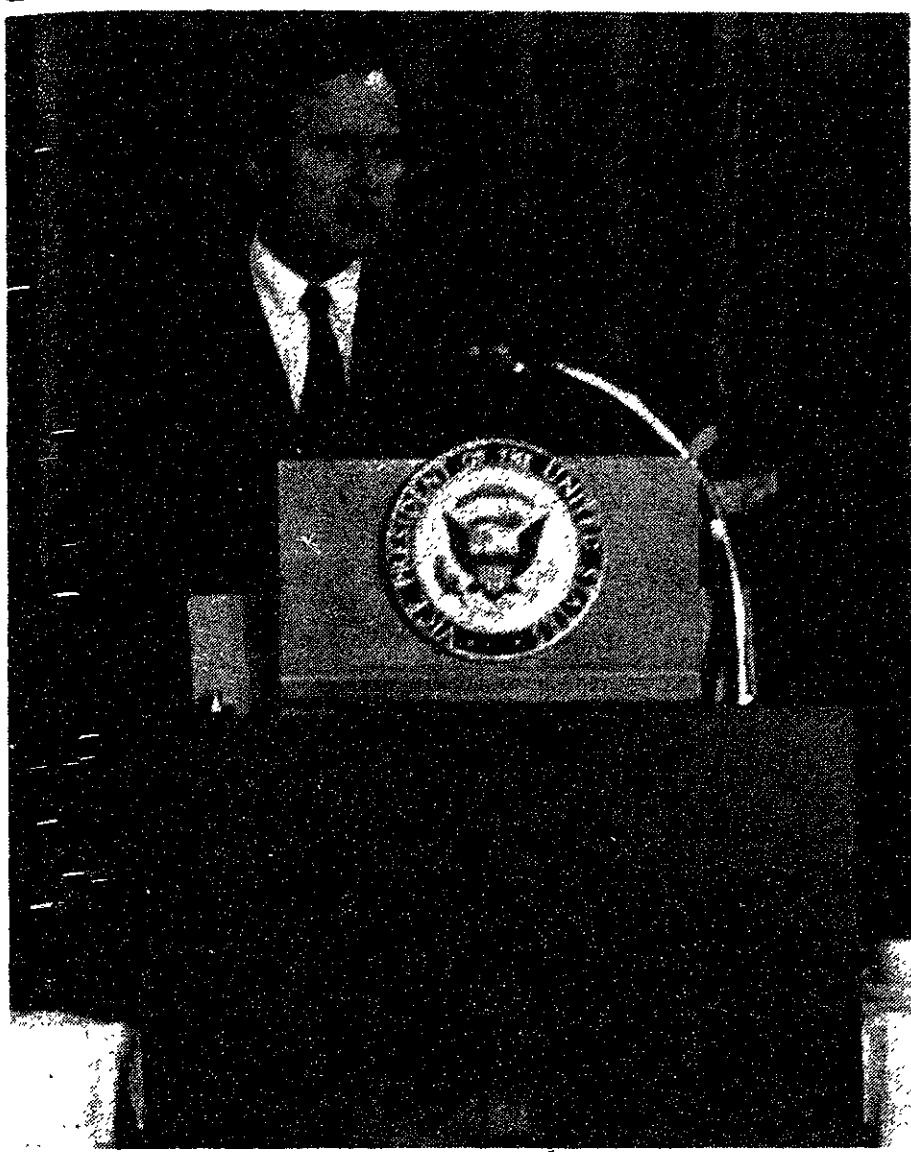
A Century
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News Service

Volume 101, Number 46

The Tech

MIT
Cambridge
Massachusetts

Tuesday, November 3, 1981



Vice-President George Bush addressed the MIT Sustaining Fellows Friday in duPont (Photo by Gerard Weatherby).

Bush: 'No' to nuclear war

By Jerri-Lynn Scofield

As more than 2000 demonstrators protested Reagan Administration policies outside, Vice President George H. W. Bush used the occasion of his address to the MIT Sustaining Fellows last Friday evening "to announce our policy on nuclear war." According to Bush, "We're against [nuclear war] . . . I hope that comes as no surprise to you."

Bush began his speech by saying, "I hope that my presence here hasn't complicated your lives in any way," referring to the demonstration.

Bush used his speech to describe Administration attitudes toward the Soviet Union and the modernization of US nuclear forces in Europe.

"In the last decade," Bush declared, "the Soviets and their allies have contributed about ten million refugees to the world scene — people fleeing from oppression. . . . It is no wonder that we never see people fleeing to Cuba, to Vietnam, to Russia. And it was no surprise that the Soviets chose not to go to Cancun and discuss world hunger and misery, inasmuch as they're responsible

for so much of it."

The Vice President continued, "Such were the developments of Soviet policy during the era of detente and its aftermath. Such is what happened during a period in which the United States made every effort to lessen the tension between the super powers. We were not repaid in kind. The Soviets had every chance to reciprocate. They chose not to."

He answered criticisms which have been leveled at the US government. "Now it has been charged that this modernization of NATO weapons is a devious

stragem on the part of the United States to keep a war limited to Europe. One is tempted to say a great deal about such a charge. The President called it — rather politely, I thought — an 'outright deception.'"

Bush asserted, "War-fighting is not in NATO's interest. War-preventing is. And as far as war-preventing is concerned, let's have no illusions about who's trying to get whom to stop building weapons. One great advantage to the modernization program is that it got the Soviet Union final-
(please turn to page 10)

Thousands protest at anti-Bush rally

By Max Hailperin

Cambridge Police estimated that 2000 people gathered to protest the Reagan Administration's policies at MIT Friday night on the occasion of Vice President George Bush's visit. The rally, organized by the MIT Committee on Central America and the Anti-War Organizing League, originated on the Student Center steps and then moved to the east side of Massachusetts Avenue.

Campus Police, Secret Service agents, and thirty-two Cambridge police officers with riot gear were present to keep the protestors in line, but few problems developed.

One demonstrator, Sean Kerlihy, was arrested, according to Cambridge Police Sergeant Richard Ring. Cambridge police charged Kerlihy with disturbing the peace after he threw two rot-

ten pumpkins at a police officer. Members of the Boston Alliance Against Registration and the Draft had supplied Herlihy and others with the pumpkins, most of which were confiscated following the arrest. Herlihy was released on bail described by desk commander Ring as "ten to fifteen dollars."

Herlihy pleaded not guilty before a Cambridge Third District Court judge yesterday morning and received a continuance so that he could retain a lawyer. He admits to throwing the pumpkins, but may argue that pumpkin throwing is a form of symbolic expression protected by the First Amendment. Should he be convicted, the maximum sentence would be a five hundred dollar fine and six months in jail.

Several other pumpkins were thrown, and two MIT students
(please turn to page 10)

MacGregor workers fired

By Barry S. Surman

Two MacGregor House desk workers accused of refusing to give out the telephone number of a black resident were fired yesterday afternoon, after refusing to resign from their positions.

House Manager Kenneth Wolff fired employees Ken Grant '84 and Harold Gulliver '84. Wolff refused to comment on the terminations, saying only, "It's an internal matter of the dorm."

The firings came as a result of charges made by Arnold Contreras '83, a resident of East Campus. Contreras telephoned the MacGregor desk late Wednesday night to ask for the telephone number of Sam Austin '82, co-chairman of the MIT Black Students' Union. According to Contreras, the person who answered the telephone at the desk asked someone else, "Who is Sam Austin?" Contreras said he heard another person say, "He's that black guy; He's head

of the black students on campus. Don't give him the number; tell him he doesn't live here."

Contreras and Gulliver, who was working at the desk, agreed that Contreras was told that Austin's number was not in the desk's card file. Contreras asked Gulliver for the names of the people at the desk, and Gulliver
(Please turn to page 14)

Referenda highlight Boston elections

By Laura Farhie

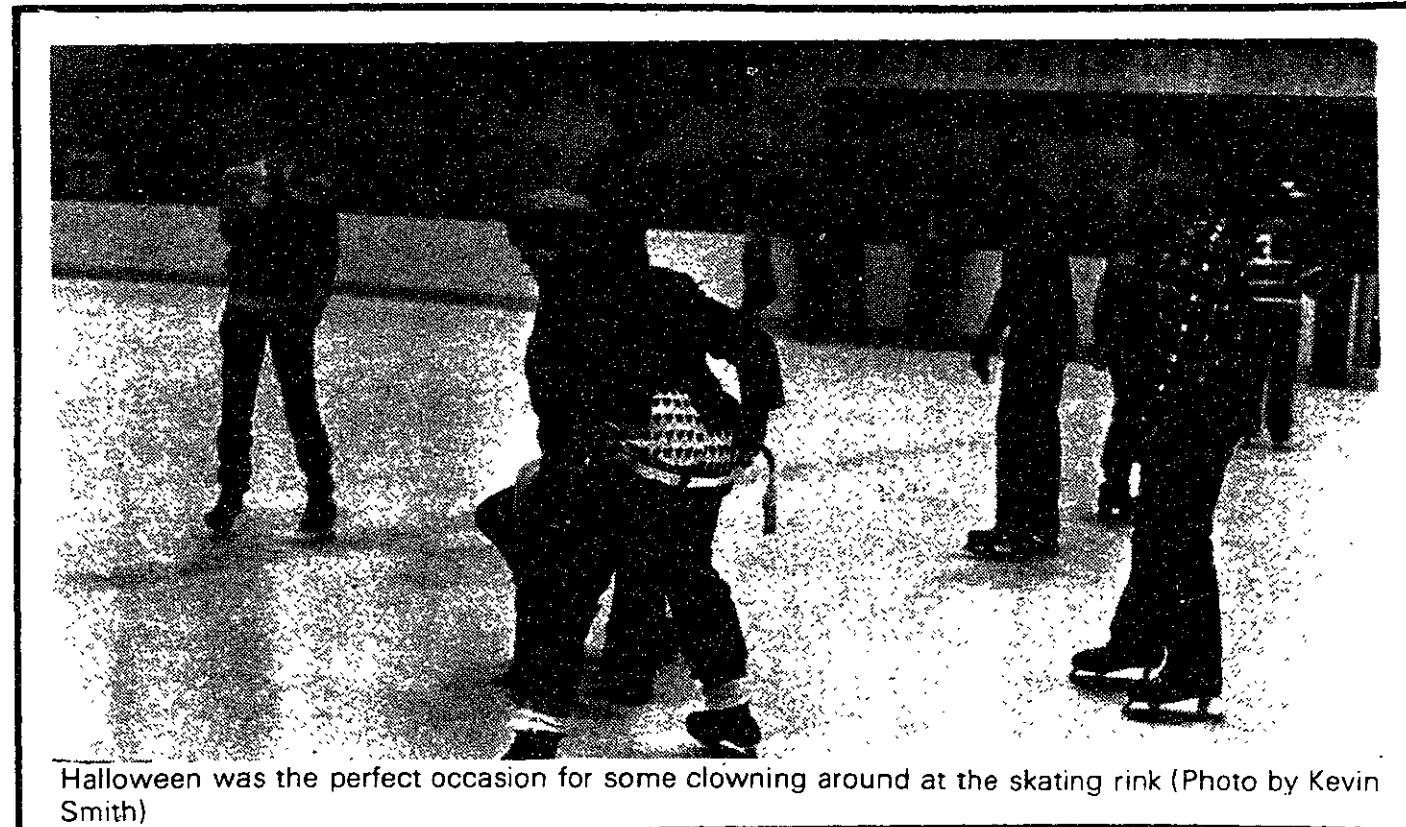
Boston residents will vote today on whether the Boston City Council should ask Congress to make more Federal funds available for social and welfare programs by reducing military spending.

There will also be two referendum questions on whether members of the Boston City Council and School Committee should be elected by districts of Boston; all members are currently elected at large.

The question on the ballot asking Congress for increased social

and welfare programs requests a reduction in the "amount of our tax dollars spent on nuclear weapons and programs of foreign intervention." The question proposes that the Federal funds go to "local jobs and programs — in quality education, public transportation, energy-efficient housing, improved health care, and other essential services."

MIT Professor of Biology Jonathan A. King is co-chairman of the campaign to have the question on the ballot affirmed. He is an organizer of the nation-wide
(please turn to page 3)



Halloween was the perfect occasion for some clowning around at the skating rink (Photo by Kevin Smith)

Cambridge elections today

By Burton Kaliski

Elections for the Cambridge City Council and the Cambridge School Committee are being held today. Twenty-five candidates are competing for nine Council positions while thirteen are running for the six School Committee openings.

The major issues facing City Council candidates are rent control, control of condominium conversions, how to live with the effects of Proposition 2½, and who the new City Manager for Cambridge will be. School Committee candidates are faced with

setting priorities in cutbacks due to Proposition 2½ as a major issue.

Competition between the Cambridge Civic Association (CCA) and the Independent Slate may have an effect on the election. Currently four Council members are backed by the CCA and the remainder by the Independent Slate, and both groups want the "pivotal" fifth seat.

Of the twenty-five City Council candidates, eight are CCA-supported, six are backed by the Independent Slate, and the

remainder belong to neither camp. Eight incumbents are running. The School Committee candidates include six CCA members and six independents. Four are currently in office.

Also on the ballot are three referenda. They are:

1. "Shall the city of Cambridge by authorized to tax real estate located in the city and owned by any college or university, such tax to be based on an assessment of fifty percent (50%) of fair value?"
2. "Shall the Cambridge City Council call upon our represen-
(please turn to page 2)

inside

Almost 30 percent of low- and middle-income families now eligible for Pell Grants would not qualify under a Reagan Administration proposal. **Page 2.**

See **Page 5** for the full text of Vice President Bush's speech.

What can we say? **Pages 8 and 9.**

Lake, Crimson, the Tubes, and On the Town — What more can we say? **Pages 8 and 9.**

news roundup

World

British Leyland workers strike — The manufacturer of Jaguars and Austins, now known as BL Ltd., has been faced with the loss of nearly \$3 million a day as 58,000 assembly-line workers went on strike for larger wage increases. Leyland had granted a pay raise of 3.8 percent while the current inflation rate in Great Britain is estimated to be 11 percent. Leyland formerly manufactured the MG and Triumph sports cars.

Nation

Tax increases delayed — The Reagan Administration has indicated that no further tax increases should be implemented until at least 1983. There was no agreement, however, on the size of the increase that will eventually be added to taxes. The Senate Finance Committee Chairman, Bob Dole, suggested broad tax increases, such as an import or windfall profits tax tied somehow to oil and natural gas.

Airlines safe for two years — The Federal Aviation Administration has announced that there have been no fatal accidents aboard domestic passenger jets since October 31, 1979 when a United Airlines DC-10 crashed at the Mexico City Airport. In the same period, only two crashes involving flag carriers took place. One involved a turbo-prop aircraft; the second, in which seven people died, involved a light propeller plane.

Columbia's second flight — A five day mission of the Columbia will begin tomorrow at 7:30am. Pilots of the Space Shuttle will be Colonel Joe H. Engle and Captain Richard H. Truly. This will be the first time in space for both pilots. Current forecasts for launch time are scattered clouds and 10-knot winds. Liftoff would be allowable at any time within four hours and forty minutes of the scheduled time. A new sound-suppression system has been hooked up on the launch pad. During the first lift-off of the shuttle, some structures reached their design limits from acoustic vibrations: one metal strut was bent. The new system should prevent that situation from reoccurring.

Campus

Final UMOC counts — Alpha Phi Omega has released the final totals in the Ugliest Man on Campus (UMOC) contest:

Dirtbags	\$1,064.97
Paul Chernoch	869.29
David Yanni	219.72
Ken Ballou	99.75
Chitra Seshan	65.58
I. Zed IV	42.11
E'Flings	40.15
Norris L'Octobriqne	27.43
Fido, the cat	22.19
Anne Lumsdaire	11.10
Write-ins	174.39

The \$2,636.68 proceeds will be donated to the Easter Seals Society of Massachusetts.

Stuart Gitlow

Weather

Mostly sunny but cool today with light winds and highs near 55. Partly cloudy tonight with lows near 42, becoming partly to mostly cloudy tomorrow but milder with light southerly flow and highs near 60. Cloudy and mild tomorrow night and Thursday with the threat of light rain. Lows Thursday morning near 47, highs Thursday in the low 60's.

James Franklin

Pell Grant eligibility changes "drastic"

By Michael Shimazu

"We'll lose one-third of our federal grant money if the drastic measure is taken," said Leonard Gallagher, Director of Student Financial Aid, referring to a Reagan Administration proposal to limit eligibility for the largest Federal aid program for needy college students.

The so-called Pell Grant Program, named after Rhode Island Senator Claiborne Pell, presently aids approximately 2.7 million students nationwide. Under the Administration proposal, which would reduce the program outlay to \$2.187 billion from the \$2.486 billion level set in March, almost 30 percent of low and middle-income families now eligible would not qualify for the grants.

The proposal is a response to a Congressional mandate to standardize need assessment formulae among the Pell Grant Program, the National Direct Student Loan (NDSL) Program, the College Work-Study program, and the Supplemental Educational Opportunity Grant (SEOG) Program, made under the Carter Administration. The mandate forced the Department of Education to either apply a more liberal formula to the campus-based need analyses used by the NDSL, SEOG, and College Work-Study programs which would drive up the costs of these programs, or to constrict the eligibility for the Pell Grant Program, according to Gallagher.

"This is really a plea from the Department of Education to decouple: let the Pell Grant Program ride on its own steam and keep the campus based systems as they are," he observed.

"It is well perceived that the coupling will be disaster," he continued.

MIT uses a formula to assess students' financial needs and then uses a combination of grants, loans and work to cover those needs. "Our approach doesn't have anything to do with what resources are available," says Gallagher. "The issue will be whether we can absorb the loss in Federal grants using other resources," he added.

The amount of money from MIT's undesignated resources going into financial aid grants grew from \$1.5 million in Fiscal Year 1981 to \$2.8 million this year. At this rate, without Federal cuts ap-

proximately \$4 million in unrestricted funds will go to financial aid grants next year. If the Administration proposal passes, MIT would have to contribute another \$300,000 to that total, according to Gallagher. "I don't know if MIT can make it up," he said.

Any shortfall in grant money, however, may be compensated by more loans and work. "Students have not begun to tap the job market and loans we can provide," Gallagher noted. If MIT loses the \$300,000 under the Reagan Administration proposal, "It would give us pause as to whether to replace the Federal grant monies," he said.

Rent control, Prop 2 1/2 focus of city elections

(continued from page 1)

tative in Congress to oppose sending U.S. troops, military advisors, arms, or military aid of any kind whatsoever to the governments of El Salvador, Honduras, and Guatemala?"

3. "Shall the Cambridge City Council be instructed to contact the Massachusetts Congressional delegation to place a freeze on the further development of nuclear weapons in the City of Cambridge?"

The City Council candidates are CCA-supported incumbents Francis Duchay, Sandra Graham, David Sullivan, and David Wylie. Independent incumbents are Thomas Danehy, Leonard Russell, Walter Sullivan and Alfred Vellucci.

The CCA is supporting challengers Wendy Abt, Mary Ellen

Preusser, Bob White, and Alice Wolf. Independent challengers are Donald Fantini and Daniel Clinton.

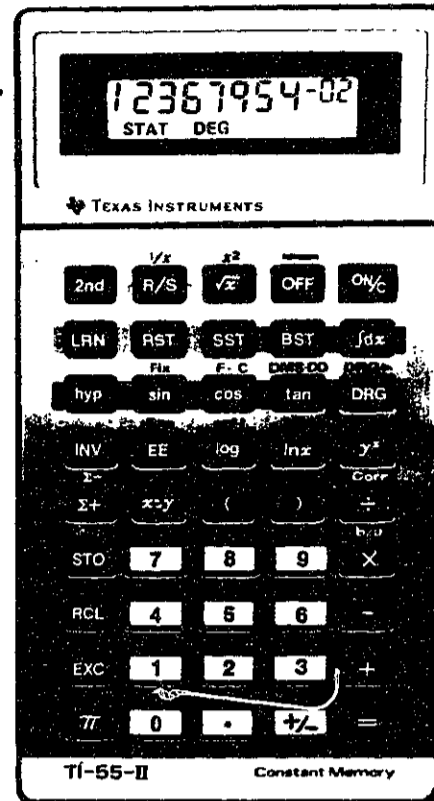
School Committee candidates include incumbents Henrietta S. Attles, Sara Mae Berman, Glenn Stephen Koocher, and Joseph E. Maynard. Challengers are David C. Blackman, Mary E. Blessington, Frances M. Cooper, Alfred B. Fantini, Roxanne C. Leary, Maryann McEachern, David Oley, Robert P. Reardon, and Jane F. Sullivan.

Also running are Bernard M. Banc, Richard M. Brescia, L. David Cleveland, Christina M. Crawford, Brian A. Feigenbaum, William C. Jones, Dennis M. McCarthy, Chrest E. Nikas, John T. St George, and Alvin E. Thompson.



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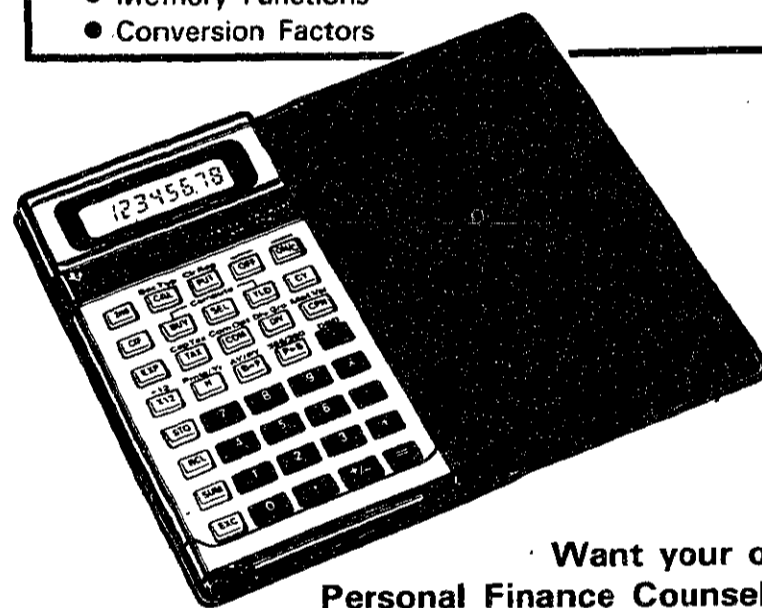


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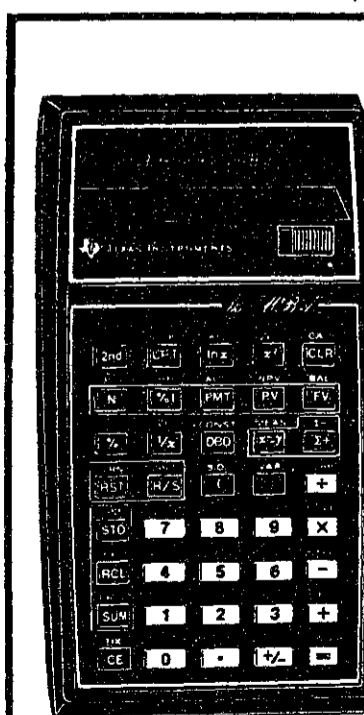
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Bostonians to vote on spending referendum

(continued from page 1)

Jobs for Peace Campaign, whose purpose it is to oppose large military spending when it is at the expense of technological programs and human services.

"Here at MIT we train fantastic missile scientists," claimed King. "And yet there are no more electric trolleys built in the United States. We have to import them."

King continued, "You have to have the majority of the population understanding that the weapons buildup is not in their interest. We [the Jobs for Peace Campaign] think that we're going to send a signal across the country, because there are a lot of people out there who are nervous about the military buildup and they're upset about the economy."

There is much debate over the two questions on the ballot concerning district-wide representation in the Boston City Council and School Committee. If the referendum passes, each committee will have nine members elected from districts and four members elected at large.

The main source of debate on district-wide representation is whether it would make the city government more responsive to constituents. City Council Member Rose-Marie Sansone, a leading proponent of district-wide representation, said, "People don't know who represents them in City Hall. If the police station is closed or the fire station is closed or a library is closed, people in that neighborhood do not know who to turn to... People would finally know exactly whom to hold accountable."

On the other hand, the acting President of the South Boston Information Center, Jane Duwors, a leading opponent, said, "District representation would give citizens one person to whom supposedly they could go and possibly four at-large councilors. One person dealing with twelve [members of the committee], trying to get something for your section of the city would be rather difficult to do because the district councilor would only be in-

terested in their area."

Sansone noted that the extra costs associated with district-wide representation are minimal and that financial experts claim that the cost would be no more than \$200,000. However, Duwors said that with four councilor salaries of \$32,500, four more administrative salaries of \$22,000, and four more secretaries with salaries of \$16,000, plus office equipment, "it will definitely cost."

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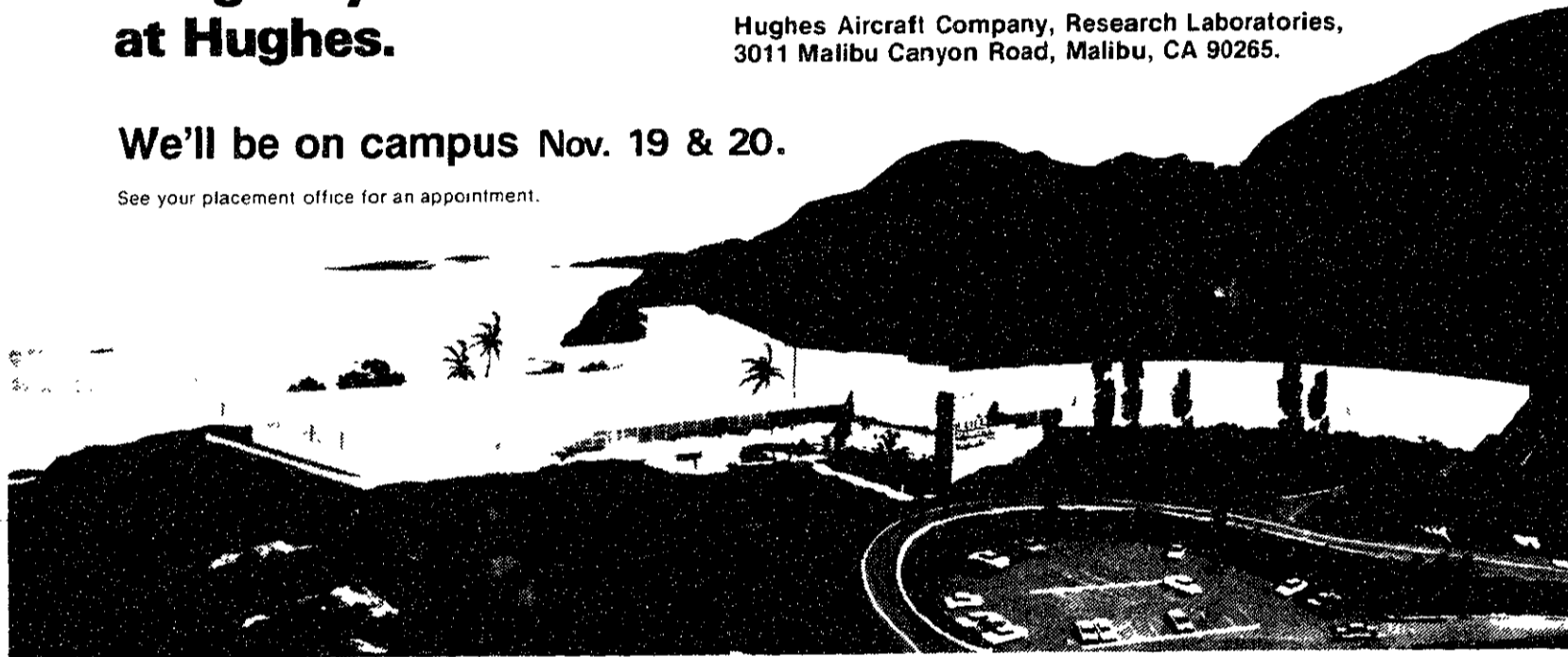
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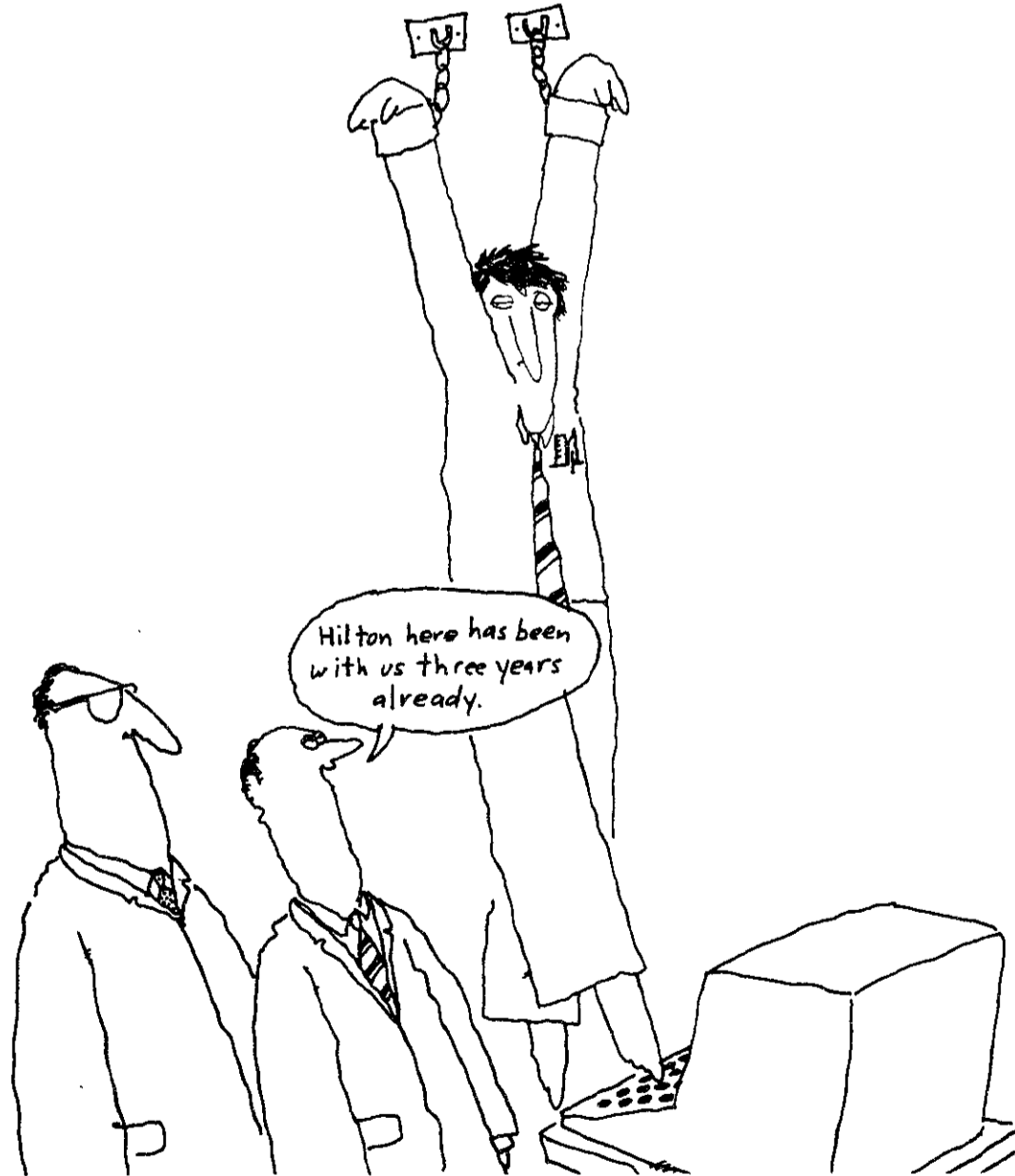
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Full text of VP Bush's speech

I am delighted to be here tonight. I hope that my presence here hasn't complicated your lives in any way.

I was comparing notes earlier on with some of the distinguished group sitting at the head table, and I was reminded that, you know, I thought I'd been through a few things back in the 70's when our country was in turmoil. I started telling a few of my war stories. Instead of telling my war stories to them, I was afraid they might tell me of their embattlement, although MIT conducted itself in a memorable and really unforgettable way in those difficult times. But I am not immune to this kind of a warm welcome.

[Vice-President Bush described his experience giving a speech in 1972 to 3000 somewhat belligerent students at Tulane, which his son attended.]

So this welcome tonight is rather calm, and I'm sorry to impose it on all of you. I didn't come here to talk to you about demonstrations. Rather I'd like to talk to you on this subject:

I am here to announce our policy on nuclear war. We're against it.

I hope that comes as no surprise to you. But in the last few weeks there have been demonstrations on the other side of the Atlantic. And if one were to judge from some of the speeches that were made, some of the signs that were carried, well, you might deduce that the major threat to peace in the world is the United States.

And it is one of the exquisite ironies of our times that the United States should find itself in this position. The Soviet disinformation apparatus is as disquieting as it is dishonest, but it has not been unsuccessful. These protestors are only the most recent ones to have been attracted by the argument that the world has more to fear from America than it does from the Soviet Union. Most of the people who turned out to demonstrate against NATO's nuclear forces—let's face it—are well-intentioned men and women. Many of them are young, too young to have had first-hand knowledge of World War II. I don't question their idealism. I do question their sense of perspective. The rhetoric that we heard from some of the spokesmen was oddly consonant with the editorial line of TASS and PRAVDA and other landmarks of free speech. That alone really ought to give these demonstrators some pause. Pacifism and Soviet ideology are as incompatible as sheep and wolves, but the latter always fashions their clothing out of the former's wool.

Santayana long ago admonished us that if we can't remember the past, we are doomed to repeat it. Following the Anschluss, Britain and France allowed Hitler to take the Sudetenland—and with it one-third of Czechoslovakia's citizens. On his return from Munich, Prime Minister Neville Chamberlain said in a speech, "I believe it is peace for our time... peace with honor." Within months, Europe was for the second time in this

century engulfed in a war which would ultimately consume 50 million European lives—and over one hundred and seventy-five thousand American lives.

Two days ago, two stories came in over the wire service machines within minutes of each other. The lead paragraph of the first read, "The Soviet Union, concentrating on European fears of nuclear war, has launched a media campaign accusing the United States of playing a 'dangerous game' that could lead to a worldwide atomic holocaust." The lead paragraph of the other news story began, "A Soviet submarine went aground near a major Swedish naval base..."

As Tom Wolfe would say, there in a way you have it all. The facts do have an uncanny way of making the Soviets look a bit silly at times. But it was that old fox himself, Lenin, who once said, "Facts are stubborn things."

Let's for a moment look at the facts and the background behind the current debate over the modernization of the United States nuclear forces in Europe.

In the early seventies, the United States undertook a policy of detente toward the Soviet Union—undertook it in good faith. We cut the size of our armed forces, cut real military spending. We then earlier on had been spending about 9 percent of our GNP. We are now spending about 5 percent. During that same period, the Soviets increased their military forces by one-third, to 4.8 million men—more than double that of the United States. They increased their military spending by about fifty percent. They increased their inventory of tanks to 50,000 and ours now stands, as many here know, at 11,000. As the United States reduced the number of ships in its fleet by forty percent, the Soviet Union increased the size of its fleet by—forty percent.

The Soviets also signed the Helsinki accords, guaranteeing certain basic human rights for those who live within their domain, and they systematically violated those pledges—even arresting a group set up to monitor their compliance with the accords.

As the era of Western colonialism ended, the epoch of Soviet colonial expansion began in earnest. Vietnam—my kids were told, your kids were told to get out of Vietnam, that we were immoral—unified, invaded Cambodia with Soviet backing. Laos was ensnared. Cuba sent proxies to Africa with Soviet backing; began exporting revolution to the Caribbean and Central America. As America practiced restraint, the Soviet Union practiced adventurism. Almost eighty five thousand Soviet troops are at this moment waging a bloody war against the Afghan people.

In the last decade, the Soviets and their allies have contributed about ten million refugees to the world scene—people fleeing from oppression in Vietnam, Kampuchea, Laos,

Afganistan and Ethiopia, and Cuba. It is no wonder—why don't we ask ourselves why not—that we never see people fleeing to Cuba, to Vietnam, to Russia. And it was no surprise that the Soviets chose not to go to Cancun and discuss world hunger and misery, inasmuch as they're responsible for so much of that.

Such were the developments of Soviet policy during the era of detente and its aftermath. Such is what happened during a period in which the United States made every effort to lessen the tension between the super powers. We were not repaid in kind. The Soviets had every chance in the world to reciprocate. They chose not to.

Last year, the United States withdrew one thousand nuclear weapons from Europe, with no plans for replacing them. In fact, since 1979, the West has deployed no new missiles at all. And thus we have reduced our tactical nuclear forces, our nuclear forces in Europe.

Since 1979, the Soviet Union has deployed over 500 SS-20 nuclear warheads. That is to say: every two days, the Soviet Union has deployed a warhead lethal enough to destroy a major European city. One every two days.

And now let me ask one simple question. Why?

Why so many missiles? Why such a massive show of nuclear missilery, at such enormous cost to their economy, an economy that cannot even provide enough food for its citizens? If the Soviets made wheat as well and as plentifully as they made missiles, we might all be better off. But they don't. The President said the Soviets haven't build a society, they've build an arsenal.

We all remember Chakov's principle: that if you introduce a gun in Act One, you must fire it by Act Three. They have introduced some very big guns. We must hope that they never choose to raise the curtain on Act Three. Rather, we must make sure they are never tempted to raise the curtain.

As a consequence of the Soviet arms escalation, the NATO alliance decided, in December of 1979, to modernize its long range theater nuclear forces by deploying Ground Launched Cruise Missiles and by replacing older Pershing ballistic missiles with a newer model.

Now, it has been charged that this modernization of NATO weapons is a devious stratagem on the part of the United States to keep a war limited to Europe. One is tempted to say a great deal about such a charge. The President called it—rather politely, I thought—an "outright deception." Here is what the *Economist*, a journal of great reputation, had to say, in a cover article on the subject, entitled, incidentally, "Can So Many Young People Be Wrong About The Bomb? Yes, They Can." Their editorial said, "Nothing more justifiably infuriates (please turn to page 13)

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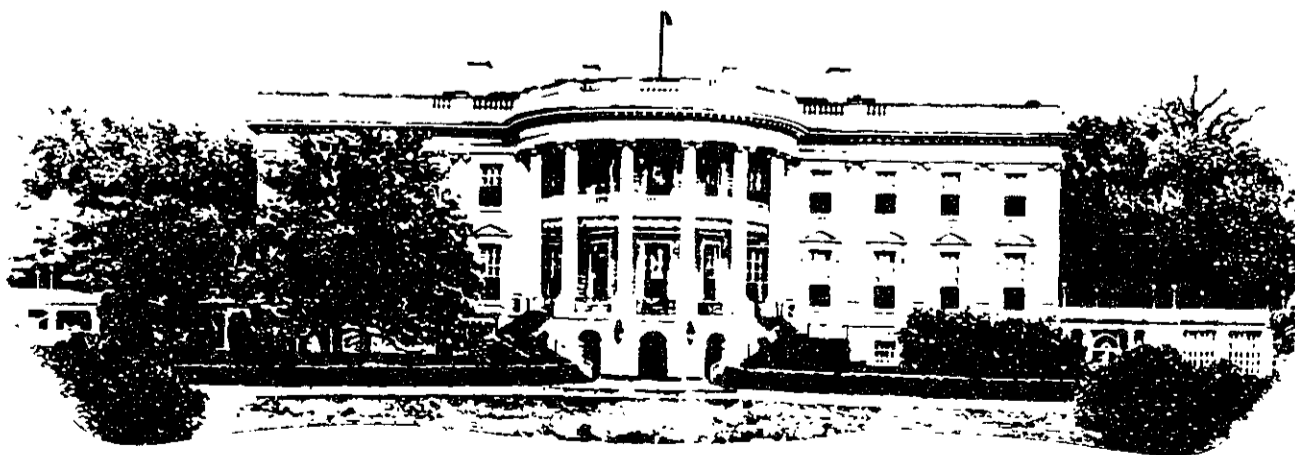
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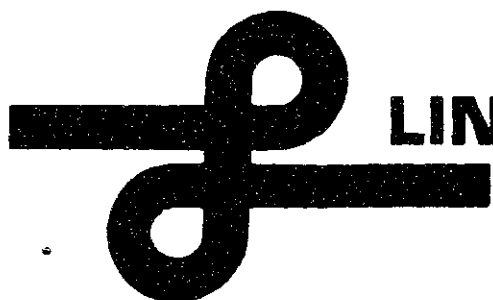
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Analysis

Whitehead debate dying

By Tony Zamparutti

Despite intense but indecisive debates at the past two faculty meetings on a proposal that MIT associate itself with an independent institute for biomedical research, the Board of the MIT Corporation will probably approve the connection of the Whitehead Institute (WI) and MIT. Benefactor Edwin Whitehead and the Director-Designate of the Institute David Baltimore have already interviewed potential architects for the building to be built in Kendall Square.

The proposed relationship between MIT and the Whitehead Institute has raised many concerns within the Biology Department and among faculty members. Professor of Biology David Baltimore, Nobel Laureate and Director-Designate of WI, and Provost Francis Low have been particularly firm advocates of the Whitehead Institute during faculty debates, however.

The exact relationship between the two institutes, although debated and considered since late spring, will not be apparent until the research institute is actually created and operating. Baltimore,

as the first director of the institute, will greatly affect its direction.

The relationship between WI and MIT could, in fact, become very tenuous. "It is possible that people at any level [in WI] would be appointed only at the Whitehead Institute. That would be according to their own desire or MIT's desire," said Baltimore. The Whitehead Institute will be completely financially independent from MIT due to its large endowment from Edwin Whitehead and its researchers need not hold teaching MIT professorships. In the distant future, MIT and Whitehead could grow far apart.

Baltimore's vision of WI, however, is one of a research institute with strong ties to teaching at MIT. "The whole travail over the past few months is to ensure that Whitehead Institute faculty can teach" at MIT, said Baltimore. WI professors would permit the use of more and smaller classes in the Biology Department, and could allow the department to have a tutorial program, Baltimore claimed.

The novel arrangement between MIT and the Whitehead Institute is necessary because of

the latter's specific research goal. Edwin Whitehead "wants it [WI] to be independent of an educational institution because he wants it to carry out research. He wants the association with MIT because he realizes that being divorced from education is not healthy," said Baltimore. If the institute were free-standing, rather than attached to a university, "it would not be large enough to attain a climate wherein research can flourish," declared Baltimore.

Backed by an administration which, in the words of one professor, operates as a "benevolent dictatorship," the Whitehead Institute will likely become an attachment to MIT. The circumstances surrounding its birth—a single, very large donation from a millionaire with a specific vision—are unique. The connection would set an important precedent for MIT, but its full effects will not be apparent for a decade or until after WI is well-established and the current administrations of both institutes have been replaced.

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Student assaulted on Mass. Avenue

By Ivan Fong

Robert A. Gallo, a former MIT graduate student who plans to return in January, was punched in the jaw near the MIT Auto Repair on 220 Massachusetts Avenue and subsequently taken to Mount Auburn Hospital late Saturday night.

Gallo has written a complete report of the assault and Campus Police Lieutenant Joseph F. McClusky plans to file a complaint for hearing before the Cambridge Third District Court, as soon as the registration number of the assailant's car is confirmed, according to McClusky.

Witnesses claim that Gallo was walking along Massachusetts Avenue at about 11:30pm Saturday when a car, turning into the gasoline station, nearly hit Gallo. Gallo allegedly kicked the car in the rear fender, shouted, and gestured, before the driver of the car came out and hit Gallo in the

mouth, according to a witness and McClusky. Gallo could not be reached for comment.

Gallo was first taken to the MIT Infirmary by Campus Police, at which point a member of the Off-Hours Clinic staff described the wound as a "one-and-a-half centimeter gaping laceration... on the right side of the mouth where the upper and lower lips join."

Gallo was taken to Mount Auburn Hospital after the Infirmary staff could not clearly determine the type of medical coverage Gallo had, according to the Off-Hours Clinic. At Mount Auburn hospital, Gallo was treated with five stitches and released.

Witnesses described the assailant as a male, in his late 20's, dressed in "a Blues Brothers outfit." They recorded the license number of the assailant's car, and called the Cambridge Police and MIT Campus Police.



The scene at the Blood Drive on Friday (Photo by Gerard Weatherby).

Fall blood drive is "good but not great"

By Sam Cable

This year's fall blood drive is "good but not great," according to Cindy Pribble '83, chairman of the Technology Community Association (TCA)-sponsored MIT-Red Cross blood drive. By last Sunday, the fifth day of the drive, approximately 840 pints of blood had been collected. Pribble described this as "slow." She indicated that if the present rate does not change, between 1750 and 1800 pints will be collected by the end of the drive on Friday, November 6. "It certainly will not have been a bad drive," Pribble

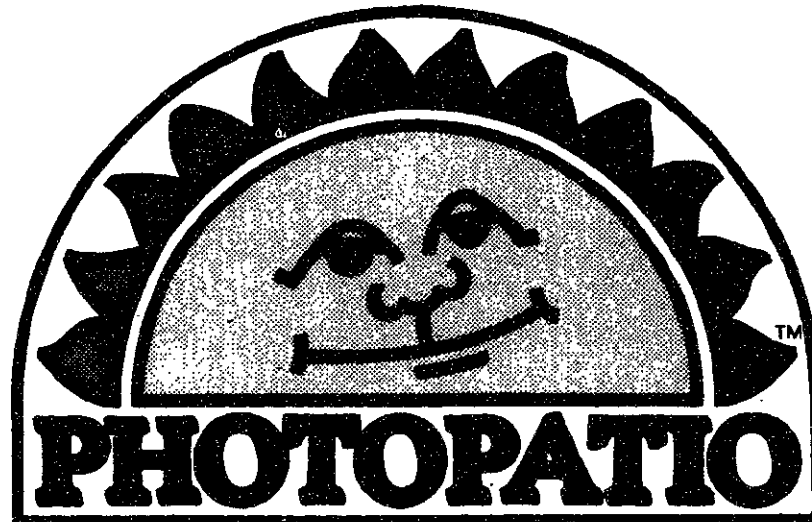
said, "but it will not have been an outstanding one."

The goal for this year's drive is 1900 pints, according to Pribble. "It is still feasible that we will break 1900," she said. She further indicated that an increase of ten donors a day would be enough to meet this year's goal.

"All I can do is ask people to donate," Pribble said. "I'm basically making a plea for people to help out." She indicated that staff help is always needed if anyone would like to donate their time.

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Bush burnt in effigy, fire department called

(continued from page 1)

punched protestors who had harassed them; no further arrests resulted, however.

After Bush entered duPont Gymnasium for his speech, protestors burned him in effigy. They also burned police barricades, two American flags, a draft card, and some money, creating a major bonfire which the Cambridge Fire Department was called to extinguish.

In contrast to their elaborate crowd control measures, the Cambridge police neglected traffic control during the first part of the demonstration. Traffic lights on Massachusetts Avenue were

set on blinking, but the police provided no other traffic direction for at least an hour. According to Commander Paollilo, acting-chief of Cambridge police, "That's MIT's responsibility." Campus Police Chief Oliveri responded, "That's not true."

In addition to the roughly 2000 protestors from around the area, a small number of MIT students supporting Bush and Reagan's policies attended the demonstration. The Bush supporters clashed with the demonstrators on several occasions, most notably when the protestors attempted to torch a sign reading "Thanks, George. Come again real soon."



Participants in last Friday's protest burned Vice President George Bush in effigy (Photo by Jim Vleck)

Bush speaks at MIT on nuclear war

(continued from page 1)

ly to sit down at the bargaining table. Without it, there would have been no prospect of limiting the Soviet threat to Europe. Those talks begin one month from now."

Bush concluded his speech by referring to last week's anti-nuclear weapons protests in Western Europe. "There were cries at last week's demonstration in London of 'Ban the Bomb!' There's no arguing that the human race would be better off without the bomb, but that is not now the real question before us," He continued, "The real question is this: If by banning the bomb in Western Europe we ensure the eventual domination of it by the Soviet Union, wither by direct military conquest or by nuclear blackmail, then what do we accomplish?"

Bush averred, "Twenty years ago in London there were similar demonstrations in London, similar cries of 'Ban the Bomb!'"

There were also signs carried by protestors, and on them a saying, a slogan that eventually made it all the way into the popular consciousness, and a slogan on some of those signs — "Better red than dead."

The Vice President asserted, "Some years ago I happened to watch a television interview with Solzhenitsyn. At one point he was asked about that phrase. He let out a sigh. The noble, dignified face took on a look of enormous weariness. He said it was a dreadful saying. He said there was another saying, a much better saying, one they use in Russia today, that 'it is better to be dead than a scoundrel.'"

Bush spoke to an audience of approximately 400 MIT Sustaining Fellows. A limited number of MIT administrators, student government leaders, and representatives of the press attended the sit-down dinner in duPont Gymnasium last Friday evening.

Wellesley housing exchange reviewed

By Shelly Johnson

The MIT-Wellesley Joint Committee met Thursday to discuss and give tentative approval to an MIT-Wellesley student housing exchange to be held during Independent Activities Period (IAP) and next term.

"The committee views a residence exchange with favor, [but] there are problems and details that must be worked out," noted Professor of Chemistry Robert J. Silbey, co-chairman of the Joint Committee. The MIT-Wellesley Exchange Office is accepting applications for the proposed exchange program, according to manager of the IAP/MIT-Wellesley Exchange Program Mary Z. Enterline, and the committee will meet again on December 7 to review the status of the exchange.

The Joint Committee and the Office of the Dean for Student Affairs is currently addressing the logistics of the exchange, such as determining the number of open spots. According to Associate Dean for Housing Robert A. Sherwood, one problem would be deciding where to house the Wellesley students at MIT— McCormick Hall is over-subscribed, while MacGregor House, which has empty spaces, is an all-male dormitory.

In 1971, a housing exchange with Wellesley occurred on a small level, but an over-crowding of the MIT housing system caused the demise of the exchange program. For the past two to three years, there have been on and off discussions on reinstating

the exchange. Sherwood said that there appeared to be a "willingness to try to resurrect the exchange," and explained that MIT has informally housed Wellesley students over IAP. Sherwood added that although Wellesley is overcrowded this year, enough women have found off campus housing so that there is no housing shortage at Wellesley.

Committee member Joseph M. Sussman, Head of the Department of Civil Engineering, felt that the housing exchange "probably would have a positive impact on the MIT-Wellesley exchange." He added that exchange students would hear about opportunities at both schools from those who participated in the housing exchange.

Silbey also mentioned that having the exchange be one-for-one "may put a damper on the exchange." Sherwood added that if those in all-male fraternities wished to live at Wellesley, MIT dormitories could become overcrowded because Wellesley students would occupy MIT dormitory rooms without an MIT student leaving a dormitory room.

Enterline commented, "Anybody who is interested in living at Wellesley next term or over IAP should stop by the office." She explained that knowing how many people are interested in the program will help the Exchange Office to work out the details of the housing exchange. She said, regarding the exchange, "Everyone would very much like to see it happen."

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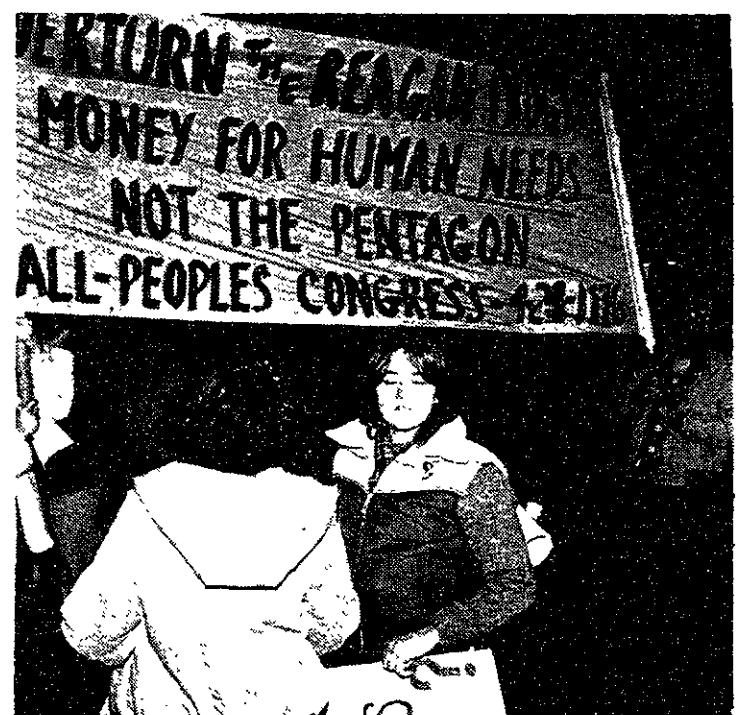
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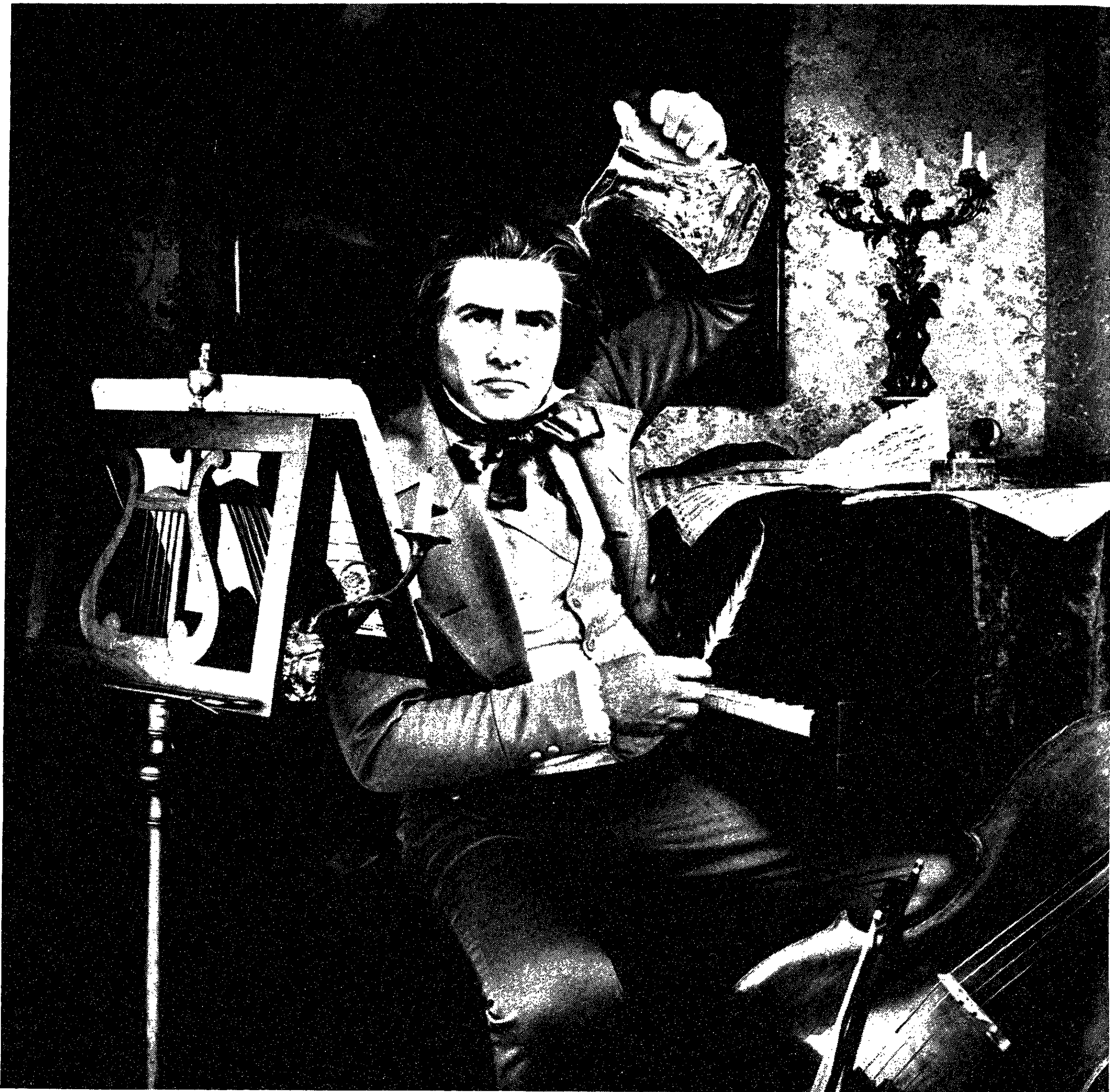
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(Photos by Jim Vicek, Jonathan Cohen, and Gerard Weatherby)



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Full text of VP Bush's speech

(continued from page 5)
 the Americans than the allegation that they want to put cruise missiles and Pershing-2 missiles into Europe in order to have a purely European nuclear war. These missiles were originally proposed — by Europeans — for exactly the opposite reason."

It is the very presence of these missiles that guarantees United States involvement in any attack on Western Europe. And that goes a long way toward guaranteeing that the Soviets will not be encouraged to launch an attack. There are also 375,000 American military personnel who, as part of the NATO security forces, provide, in the President's words, the living guarantee of our unshakeable commitment to the peace and security of Europe. The underlying principle of NATO is that alliance security is indivisible, that an attack on NATO is an attack on the United States. It's been our policy; it is our policy.

Those cruise and Pershing missiles will move toward restoring the nuclear balance of power to the European theater that the Soviets have upset. I gave you the statistics. I gave you the numbers. The Soviets are upset about NATO's resolve to restore that balance because they aren't interested in balance. The deployment of these missiles is simply an upgrading of deterrent forces that have been in place since 1952. War-fighting is not in NATO's interest. War-preventing is.

And as far as war-preventing is concerned, let's have no illusions about who's trying to get whom to stop building weapons. One great advantage to the modernization program is that it got the Soviet Union finally to sit down at the bargaining table. Without it there would have been no prospect of limiting the Soviet threat to Europe. Those talks begin one month from now. If you listen outside — there are a lot of people — maybe we haven't done the job we should have. We discussed our willingness to talk on theater nuclear forces months ago. Alexander Haig met with Gromyko for nine hours. Theatre Nuclear Force negotiations begin this month.

This administration has said time after time that it wants real and verifiable arms reduction. In the past we have talked about arms limitation. We say that's not enough. We want arms reduction. To talk about limiting the growth of weapons is better than nothing; but actually to reduce that growth would be a much greater achievement. This Administration is prepared to put everything on the table, and to stay at that table with the Soviets until they agree not just to slow down, but to reverse the deadly trend of the nuclear age.

The policy of the United States, the policy of NATO, is one of deterrence. Deterrence is a remarkably effective

way of avoiding the horrors of modern-day warfare. NATO exists to defend the alliance against Warsaw Pact forces. NATO exists because a threat exists. Since the formation of NATO in 1949, there have been 150 wars in other parts of the world. One hundred and fifty. Thirty-odd years of freedom and peace in Western Europe is not a bad record when you come to think of it. That peace is the fruition of an extraordinary amount of hard, exacting work by a lot of unsung heroes. Soldiers who keep a war from breaking out are, if not the most glorified, at least the most effective kind of soldier. But all these NATO forces alone are not enough to counter what the Soviet Union has now massed on its western borders. The mathematics are indisputable. If there is no effective deterrent, these forces, and indeed the entire population of Western Europe, are hostage to the Soviet Union. Remove the deterrent, and you increase the chances of conflict. Make it clear to an aggressor that he has nothing to gain by striking except his own destruction, chances are he will not strike. History has shown it to be true, and it is a lesson that we cannot afford suddenly to start ignoring.

If deterrence has kept the peace this long, then why now abandon it? "There is no more dangerous misconception," wrote Bernard Baruch, "than this which misconstrues the arms race as the cause rather than a symptom of the tensions and divisions which threaten nuclear war. If the history of the past fifty years teaches us anything, it is that peace does not follow disarmament — disarmament

follows peace."

There were cries at last week's demonstration in London of "Ban the Bomb!" Nobody can argue from a moral standpoint that the human race would be better off without the bomb, but that is not now the real question before us. The real question is this: If by banning the bomb in Western Europe we ensure the eventual domination of it by the Soviet Union, either by direct military conquest or by nuclear blackmail, then what do we accomplish?

What do we accomplish, except to surrender our long struggle for peace? And what do we accomplish by surrendering to an ideology that devised the Gulag, that has no friendliness for the humanitarian principles espoused by those men and women in Trafalgar Square, that has no tolerance of, but only fear for, the dissent and debate that characterizes our free market place of ideas?

Twenty years ago in London there were similar demonstrations in London, similar cries of "Ban the Bomb!" There were also signs carried by protestors, and on them a saying, a slogan that eventually made it all the way into the popular consciousness, and a slogan on some of those signs — "Better red than dead."

Some years ago I happened to watch a television interview with Solzhenitsyn. At one point he was asked about that phrase. He let out a sigh. The noble, dignified face took on a look of enormous weariness. He said it was a dreadful saying, one they use in Russia today, that "It is better to be dead, than a soundrel."

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Desk workers fired

Roy Dario '82, MacGregor Desk Staff Captain, commented, "I would have opted for a suspension, because their [Gulliver and Grant's] testimony conflicts with that of Mr. Contreras. I believe my desk workers."

Resigning would be "indirectly admitting guilt," said Grant. He added, "I don't think I've done anything I should be fired for or should resign for, and ... I am not going to resign."

June Martin '85, a witness at the desk, recalled, "'Don't give the phone number' never was said." He continued, "I don't remember any racial slur ... I just think they [Gulliver and Grant] were victims of circumstances. It was a small error and he [Contreras] took it the wrong way." Martin is also a MacGregor desk employee.

Gulliver said his firing came about because "Everyone wants to avoid a big scene; everyone wants to avoid blowing this way out of proportion. I think it's already way out of proportion."

"I don't think you're ever going to know what really happened," said Kenneth J. Snow '82, MacGregor House President. "If it was a misunderstanding, it's [the firing] very severe; if it was a racial incident, it's not too severe. I think the action was severe because I don't think it was a racial incident. This time I think it was just a misunderstanding."

MacGregor House Senior Tutor Derek Rowell, Associate Professor of Mechanical Engineering, would comment only that "It's an internal MacGregor matter and we chose to handle it internally." He refused to explain what procedures were used to determine whether the accused students were guilty and what punishment would be assessed.

"I'll certainly appeal the decision," said Grant. Gulliver also indicated he would contest his firing.

Gulliver refused to provide his name or the names of the other persons at the desk. Later that evening, Contreras called again, seeking the name of the desk worker, and again Gulliver refused to give his name.

Grant, who is alleged to have made the remarks to Gulliver at the desk, claims to have said only "Sam Austin — oh, he's that black guy in J-entry." He added, "I can say without a shadow of a doubt that 'Sam Austin is head of all the black students on campus' was not said."

Following the incident, Austin said, "We demand these people be fired." Contreras agreed, adding, "I'm not convinced the civil rights of other blacks aren't being violated."

"If I were Arnold," said Grant, "and I thought that I heard what he thought he heard, I could justify his views on what should be done ... [but] I don't think he has a correct view of what happened." He continued, "I do not perceive that any actions of mine even could be construed to be ... racist or insensitive or grounds for dismissal from desk staff."

According to Associate Dean for Student Affairs Robert Randolph, an important factor in his recommendation that the two workers be terminated was the uncontested charge that Gulliver removed Austin's card from file and threw it in a trash basket behind the desk. Gulliver and Grant claimed Gulliver threw the card away after Grant found it misfiled. Said Gulliver, "I started to put it back in place ... I didn't want him [Contreras] to come down and go totally out of control when he found it there ... so instead of putting it back, I left it out."

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UA News

HELLO!!

The UA News appears regularly in the campus media. The Undergraduate Association uses it as a way of communicating important issues to the student body. Many opportunities for involvement and formal meeting notices will be posted in the UA News. Deliver all items to the UA Office, Room 401 of the Student Center. Space is available to campus organizations for announcements. All submissions should be sent to the UA News Editor on the Friday prior to the issue in which the announcement is to appear. Deliver all items to the UA Office, Room 401 of the Student Center.

Get Involved

During November, we are involved in organizing and planning for the coming year. We have lots of projects available. Now is the time for elections and committee appointments. We need qualified volunteers to help. You'll find it easy to get involved, and you'll make new friends and develop valuable managerial skills and talents. It's rewarding to make a difference at MIT.

GAMIT

The next General Assembly (GA) meeting of the fall term will be on Thursday, November 5, at 500 Memorial Drive beginning at 7:30pm. Refreshments will be served at 7:15pm. The topic of the meeting will be the General Assembly's position on MIT undergraduate. Also, we will break up into standing committees for a short time. See Ya There!

Writing Requirement There will be a student-faculty discussion concerning the writing requirement on Wednesday, November 4, at Burton House dining hall. Meeting begins at 7pm, and refreshments will be served.

Freshman Symposium

On November 7, there will be a Freshman Symposium in Building 54 (the Green Building). All freshmen are encouraged to attend. Now that you are familiar

Attention UROP Students

Do you have any photos that show you with your research project? If so, we would like to have some copies. We use them in our UROP Directory and also for displays for our bulletin board in the infinite corridor.

Interested in public speaking? Just talking about your research project to a group of friendly people. Please let us know if you have had any experience and would like

Blood Drive

The Technology Community Association (TCA) is running this fall's MIT Red Cross Blood Drive. The drive will continue through Friday, November 6. They urge you to give a pint!

R/O Coordinator

Want to find out what the R/O would like to be the coordinator? Coordinator does? Maybe you would like to be the coordinator for R/O '82? There will be a meeting for interested students on Wednesday, November 4, at 5:00pm in the UASO office (7-103).

STOP BY

- "360" Plan — \$161
- "310" Plan — \$140
- "260" Plan — \$130
- "210" Plan — \$128

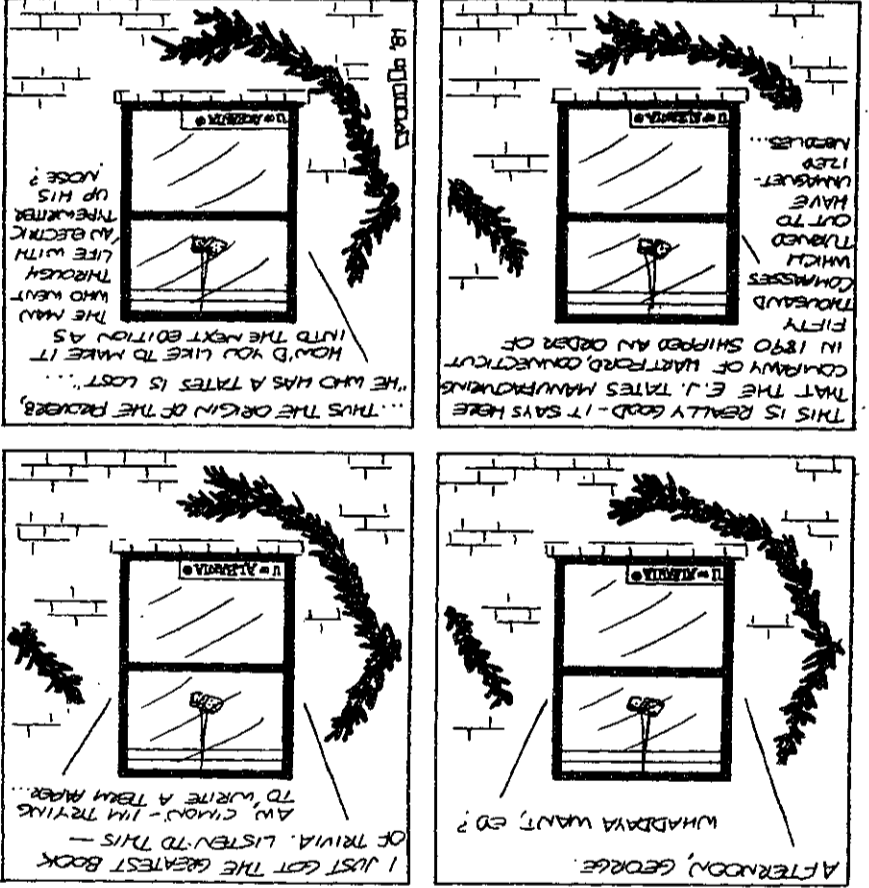
The Dormitory Council Commons Committee was organized last spring to help the dorms and the Dining Advisory Board work together for improving commons. Anyone interested in being on this committee should contact Cindy Boulanger at dl 7261.

For Wednesday, November 4, the expected balances for freshman and sophomores exactly using up their minimum commons requirements are listed below. If you have purchased more points than required, just add \$1 per extra point to find out what your balance should be. NOTE: Figures are for commons meals only. People who eat a la carte meals should have balances higher than those shown here.

Commons Countdown

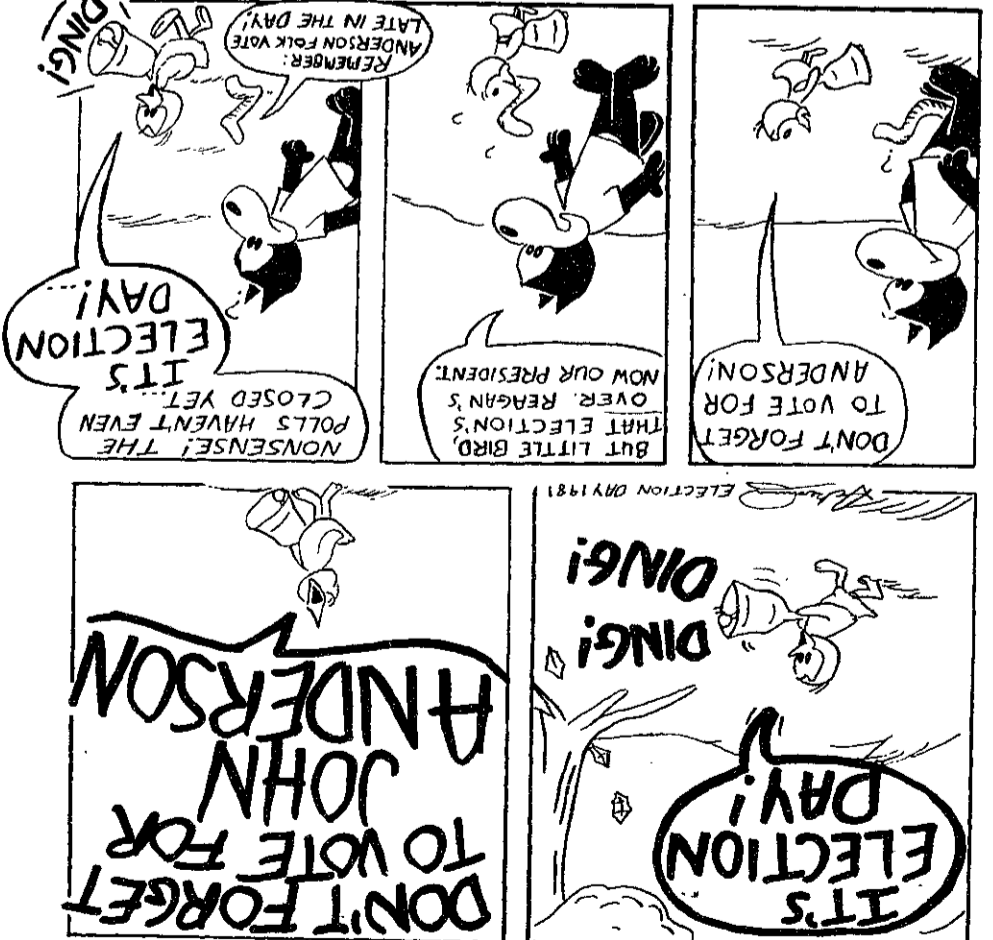
Outside Looking In

By V. Michael Bove



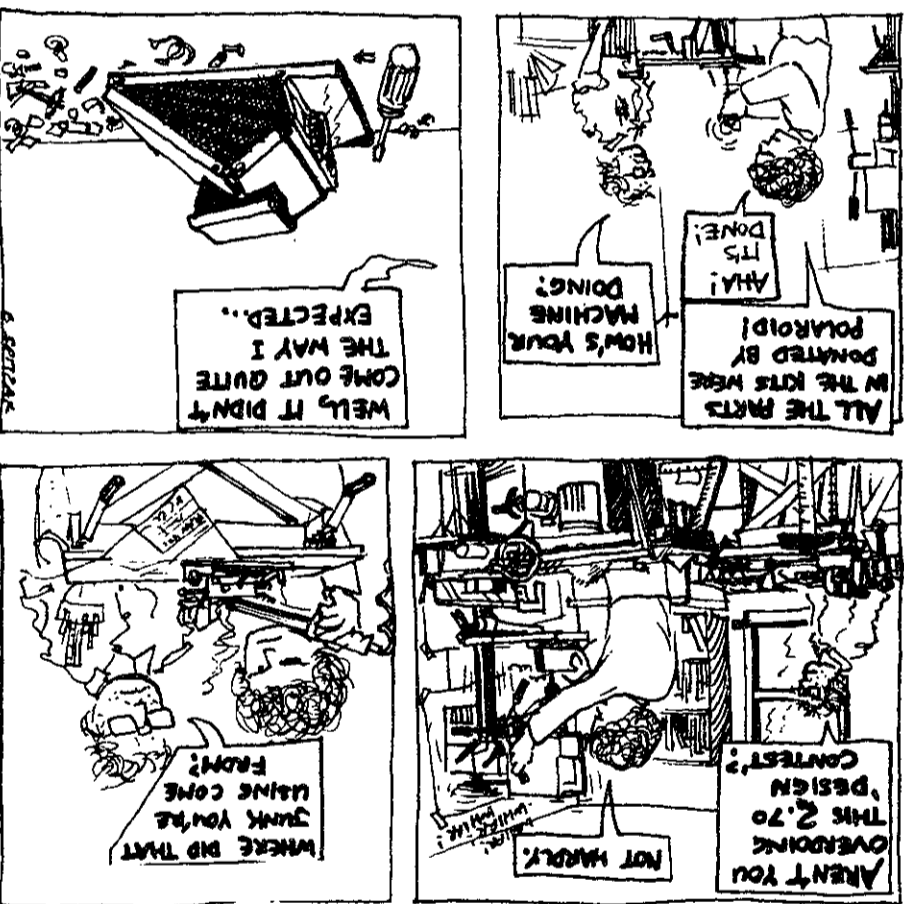
The Beaver

By Glenn Ackerman



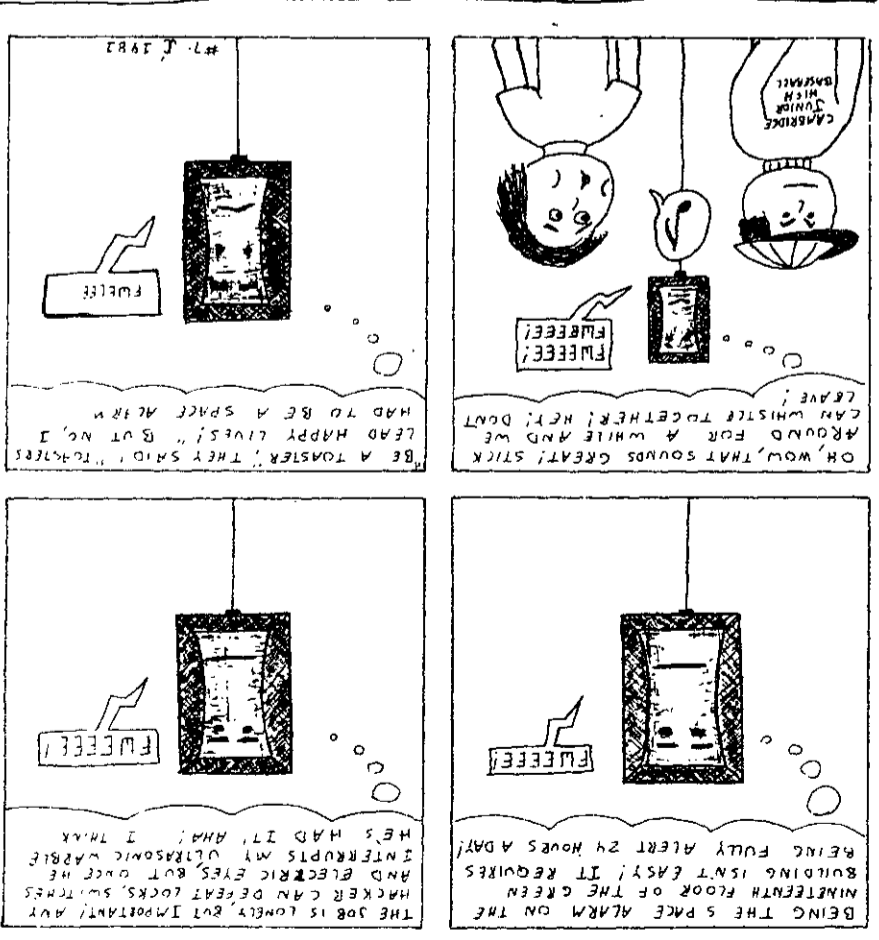
Space Epic

By Bill Spitzak



Urchins

By Jean-Joseph Cote



COMICS

sports

Football thrashes Hawks

By Martin Dickau

Tailback Dan "Mohawk" Curran '85, a converted receiver sporting a mohawk haircut, rushed for ninety-six yards and one touchdown and quarterback Vincent Martinelli '85 scored three more times to lead the football club to a 31-14 thrashing of the Hawks of the University of Hartford Saturday afternoon.

Curran's net yardage was second only to the 105 yards gained by John DeRubeis '83 last week; DeRubeis had also previously been a receiver. Engineers' head coach Dwight Smith was obviously pleased with the switch. "Next week we might even start both of them back there," he commented after the game.

The coach's confidence in Curran's ability as a rusher was shown when MIT opened the game's scoring in the second quarter. At the end of the first, the Engineer defense had denied the Hawks a first down on fourth and one, giving MIT good field position on the Hartford forty-one. Martinelli responded by firing a thirty-one yard pass to Kerry Hooks '84, bringing the ball to the ten. Curran was then called on twice, and the second time he ran wide seven yards for the

touchdown. Willy Schwartz's kick made the score 7-0.

The Engineers' lead lasted only forty-four seconds, however, as Hartford's Curtis Stancil took the subsequent kick-off and ran it back eighty-one yards for a touchdown. Steve Hoffer then converted the extra point to knot the game at 7-7.

The MIT defense subsequently provided the spark that the offense needed, holding the Hawks to only eleven yards in the second quarter.

The Engineers scored again with just under six minutes left in the half on a twenty-nine yard scamper by Martinelli, and Hartford found itself trailing 14-7.

Three minutes later, MIT scored off of a thirty-one yard drive set up when Bob Lucadello '82 recovered a fumble by Hawks' quarterback Steve Vardilos. Five plays later, thanks to some strong running by Harvey Strenger G, the Engineers found themselves on the two. Martinelli ran wide to the corner to make the half-time lead 21-7.

Doug Gouchoe '83 intercepted a pass on the Hartford thirty-eight with three and a half minutes to go in the third quarter to give MIT its next scoring opportunity. A fifteen-yard penalty

and a strong series of runs by Curran brought the ball to the one. Martinelli totally fooled the defense with a fake handoff to Curran before he took the ball in, around the pile-up of humanity at the goal line, making the score 28-7 with only a minute gone in the fourth quarter.

MIT's final score came with six minutes to play in the game when a thirty-three yard drive on more strong running by Stenger and Curran brought the ball close enough for Willy Schwartz '82 to kick a thirty-six yard field goal.

A thirty-two yard kick-off return by Jack Clarke and a couple of passes combined with two long runs brought the Hawks deep into MIT territory with less than five minutes remaining in the game. With only three minutes to go, quarterback Vardilos plunged the one yard needed for a touchdown, making the final score 31-14.

Next weekend MIT will finish up the season at home against Providence College. Should the Engineers beat Providence, they will move into fifth place in the New England Collegiate Football Conference standings. Providence was half a game ahead of MIT at press time. Hartford and Roger Williams occupy the bottom of the list with neither team having won a game so far this season.



GAMIT
gays at mit

Fall Semester Dance

Friday, November 6 9:00pm Sala de Puerto Rico
\$3.00 \$2.00 with Student ID
Everyone Welcome

The Brooklyn Union Gas Company
Congratulates

The 1982 Graduates of
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If you are interested in working for an innovative energy company, considered a leader in its field, we will be recruiting on campus on

November 17, 1981

Please contact your
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for details.



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sports update

By Brian Schultz

occer — On Saturday, the team traveled to New London, Connecticut to take on Coast Guard. The team overall played a lethargic game, and were shut out 3-0. The team could not muster up any offense, getting only three shots on goal, compared to 21 for the Academy. Coast Guard jumped off to an early lead with a score of 5:46 of the first half, and maintained control for the rest of the game. MIT's poor play was typified by one of the Coast Guard's goals, which was scored from beyond mid-field by what should be properly termed a kick, not a shot. The team now possesses a 1-11-1 record.

Volleyball — The spikers continued their great play by finishing second in the women's invitational at Boston College behind New York Tech. Tonight, the team faces Springfield College at 6:30pm in Rockwell Cage.

Sailing — In the Coast Guard Invitational held last Saturday, the MIT men's varsity team finished fourth out of fourteen teams. On Sunday they hosted the Schell Trophy on the Charles River. The team came in 11th place out of nineteen teams in the event. This ends the season for the team, which featured some great individual and team performances. Team captain Bruce Klein '83 noted that "We have a strong team, and we should do better in the spring."

sporting notices

A Referee's Club meeting will be held tonight at 7pm in Rockwell Cage. All current referees and persons interested in improving the climate and conditions of intramural sports officiating are urged to attend.



SARA MAE BERMAN
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- Geotechnical Engineering
- Mining Engineering
- Minerals Science and Engineering

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November 10

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Campus Placement Center

Kennecott Minerals Company is part of the growing Standard Oil Company (Ohio) and is engaged in worldwide exploration, mining, concentrating, smelting and refining of nonferrous minerals. KMC is also a leader in process technology and development and construction engineering. The company offers competitive starting salaries and outstanding benefits programs and advancement opportunities.

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