

Gray meets with Bush on aid cuts

By Jay Glass

Student financial aid cuts proposed in President Reagan's fiscal 1983 budget may be changed by Congressional action, according to MIT President Paul E. Gray '54.

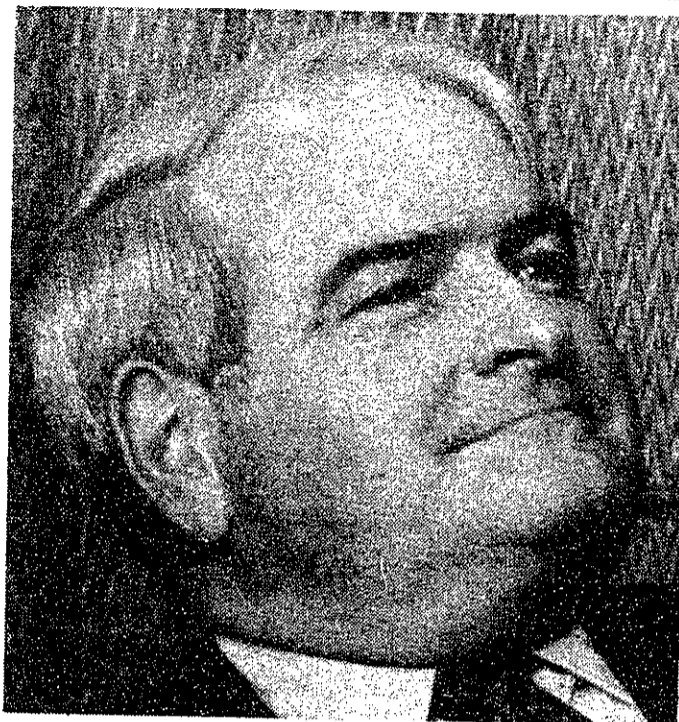
"It appears that the Congress is not inclined to let the budget proposals meet the President's [Reagan's] expectations," said Gray, speaking to a group of 70 graduating seniors and MIT alumni at an Alumni Association dinner in Gray's home.

Earlier Wednesday, Gray spoke with Massachusetts Senators Edward Kennedy and Paul Tsongas; several Congressmen: Presidential Science Adviser George Keyworth; Robert S. Cooper, Director of Defense Advanced Research Project Agency (DARPA); and Vice-President George Bush in Washington, according to Special Assistant to the President Walter L. Milne, who accompanied Gray. Among the issues discussed

were federal constraints on academic freedom and the proposed student aid cuts, said Milne.

Commenting on the pace, Gray said "I feel the way you do when your thesis proposal is two weeks overdue and two problem sets and a term paper are due. Sometimes I feel they should change the name of this office from President to Chief Lobbyist," joked Gray.

Gray talked about the proposed aid cuts with everyone except Cooper, said Milne. "The Senator [Kennedy] and Dr. Gray talked about how we're trying to hold the line " at no further aid cuts, said Katherine Higgins, a staff assistant to Senator Kennedy. "It looks like we will be successful, in our committee at least, in holding the line against cuts in any aid program. We have bipartisan support," continued Higgins. Senator Kennedy is the ranking minority member of the
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Tech photos by Gerard Weatherby

MIT President Paul E. Gray '54 discussed financial aid cuts with Vice-President George Bush last Wednesday.

EC residents request kitchens

By Jay Glass

The "positive attitude" shown by an east campus student dining committee — making concrete proposals rather than degrading the current commons situation — was warmly received by ad-

ministrators at an informal Wednesday meeting, according to Associate Dean for Student Affairs Robert A. Sherwood.

The student group, comprised of East Campus and Senior House residents, presented the results of in-house polls taken to gauge student preferences among possible east campus dining options. By large margins, students in both East Campus and Senior House preferred the installation of kitchens to other options, including the expansion and partitioning of Walker Memorial, new in-house dining halls, and the current system.

Aiming for consideration with the soon-to-be-finished east campus dining study, the student group outlined their ideas and proposals for kitchen and dining areas in the east campus dormitories. Kitchens with adjoining dining areas are one of several approaches being considered in the study by the architectural firm of

Goody and Clancy, according to Robert Sherwood. The firm is also planning the new Whitehead Institute complex.

Among the students' ideas was introduction of a cleaning policy, under which, according to Residence and Dining Coordinator Anita Walton, a paid kitchen crew would be organized, along the lines of current student desk staffs. Each crew member would be responsible for spending one or two hours each day to keep one kitchen clean. The group expected that this policy would eliminate the vermin problems that afflict West Campus dormitory kitchens.

Administrators were impressed by the group's comprehensive proposals. "They've done a tremendous job — they've done objective surveys with a high response rate, they've had graduate students doing the architectural plans, and they have
(Please turn to page 2)

Grad house rents may rise

By Max Hailperin

The Administration Housing Group, policy and planning committee, has proposed a substantial increase in graduate and married student rents.

The plan would increase rents to 90 percent of market value over a period of three years for single students and six years for married students. The administration

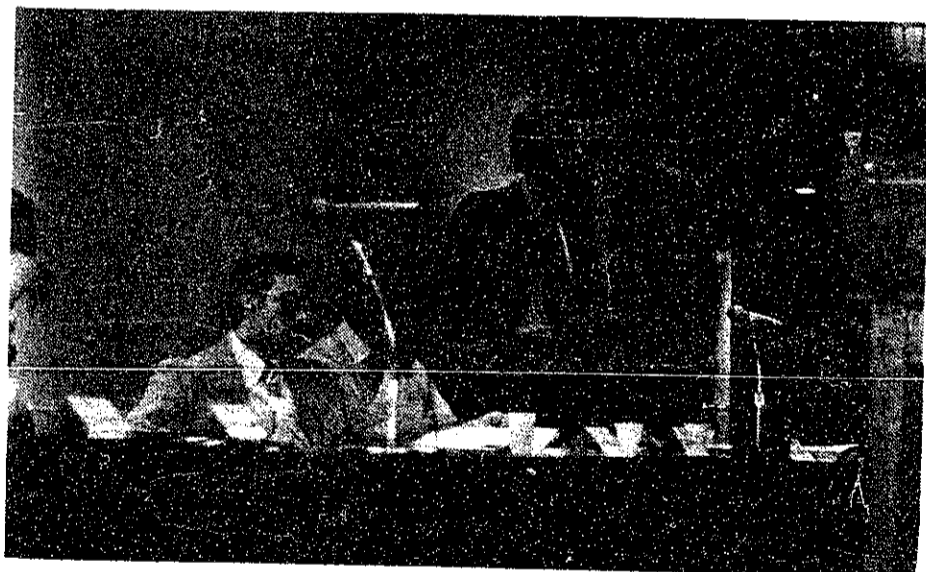
proposed a 9.3 percent rent increase for Tang Hall, a 13.5 percent increase for Ashdown House and 16.2 percent rent increase for Eastgate and Westgate. The Academic Council will consider the proposal on Tuesday, said Dean for Student Affairs Shirley M. McBay.

According to the Administration Housing Group's proposal,

the purpose of the rent increase is "to increase the availability of resources for graduate student housing. [by seeking] to recover its costs, both capital and operating, from current graduate student housing . . . Funds generated from the . . . new pricing policy would be used to cover the debt service generated by [renovating] the Infirmary."

The Institute plans to renovate "the Infirmary for use as graduate women housing . . . at the earliest possible date." McBay said at the open forum on graduate student housing Tuesday that the Infirmary could house approximately 40 students with only "cosmetic renovations," and about 15 more if "major renovations" were done.

MIT is also considering a limited tenure plan as an additional measure to improve the accessibility of graduate student on-campus housing. Associate Dean for Student Affairs Robert A. Sherwood said at the forum. Under a limited tenure plan, a graduate student could only stay in Institute housing a limited



Tech photo by Omar Valerio

A Graduate Student Housing Open forum was held in the Student Center Mezzanine Lounge last Tuesday.

Reagan's cuts affect MIT Science funding paced w/ inflation Humanities funds cut by 17 percent

By Susan Hagadorn

Scientific research will suffer less than many other areas under President Reagan's proposed 1983 budget. Overall research funding would approximately keep pace with inflation. In accordance with the Administration's policies and priorities, the budget shows a shift away from the "soft" sciences and toward technological developments, especially in areas with potential military applications.

Under the proposed budget, the National Science Foundation (NSF) research appropriations would rise about 8 percent in fiscal 1983, while the Administration's projected inflation rate is 6.5 percent. The physical sciences, especially computer research and some engineering areas, are relatively well-funded. Biological and behavioral sciences fare less well. The social and economic sciences have a total proposed increase of one percent, well below the projected inflation rate.

National Institutes of Health (NIH) which funds biomedical
(Please turn to page 5)

By Susan Hagadorn

Ronald Reagan's proposed budget for fiscal year 1983 would cut funding for the Schools of Humanities and Social Sciences and Architecture and Planning. Deans of the Schools are at least as worried about proposed cuts in student aid.

Federal funding for research in the humanities, never generous, has declined steadily for the last ten years, according to Dean of Humanities and Social Sciences Harold Hanham. President Reagan has said that the humanities should be privately funded, and last year proposed drastic cuts in funding for both the humanities and the social sciences. The cuts enacted by Congress were much milder, "a continuation of the long-term process of run down of government support," said Hanham, and Reagan's new proposals are "not much more drastic."

The proposals call for a 17 percent cut in humanities. Fellowships and seminar funding would drop 30 percent. The National Science Foundation
(Please turn to page 5)

Draft registrant list no longer for public

By Stuart Gitlow

The Cambridge City Council decided Monday to remove the list of local draft registrants which had been hanging in the City Clerk's Office since the new draft registration began in 1980, according to Joseph Connarton, Cambridge Deputy City Clerk.

The council adopted a resolution co-sponsored by Cambridge Counselors Frank Duehay and Sandra Graham; the list was removed on Tuesday morning.

Eric Segal, a member of the Anti-War Organizing League (AWOL), explained, "According to the Selective Service Regulations of 1948, a list of draft registrants must be posted at the local draft board. In 1975, of course, draft boards were eliminated. Selective Service made a broad interpretation of the law. They decided that the lists should be posted at local government offices."

Connarton confirmed this information and added, "It is my understanding that the local Post Offices still have the lists available."

AWOL's official position is that the registrant list was "maintained in order to give residents

the opportunity to find friends who have not registered, and turn them in." Segal contended, "This business of promoting informants and publicizing dirty laundry was an invasion of privacy."

AWOL apparently had anticipated difficulties with ending public access to the list. The organization planned, "... AWOL is co-ordinating an evening of events [on the day of the vote], culminating in a march to City Hall to demand the list's removal."

On Monday, however, only one city councilor opposed the resolution. According to Segal, "The Cambridge City Council is the first in the country to take this action; the council members knew the sense of the [1948] legislation. This is a case of the city of Cambridge saying 'forget it' to the government. 'We're not going along with promoting militarism,' they said. This wasn't symbolic. It was discussed at length."

Connarton noted that in response to a Freedom of Information Act request for the list from a member of the general public, he would ask for guidance from the Secretary of State's office before responding.

EC residents propose kitchens for dorms

(Continued from page 1)

considered the possible health and sanitation problems. They've thought a lot of things through," said Sherwood. One of the students agreed. "The administrators there seemed pretty impressed," said Senior House President Stuart Brorson '83.

Further meetings between the student group and Dining Program administrators await the architectural firm's report, due in two weeks, said Walton. The firm's recommendations, together with the students' proposal, will probably be considered by the Academic Council. The Council will recommend one of the dining approaches to the MIT Corporation for final approval.

No matter which dining approach is selected, the kitchen and serving equipment in Walker must be overhauled or replaced, said Sherwood. "It will probably

be necessary to do something in Walker, no matter what approach is adopted—the question is, what happens besides some sort of Walker renovation?"

Sherwood stressed that no change in West Campus dining options was envisioned. "The east side of campus has been under a temporary arrangement for two years — theirs is a unique situation, due to the age and the external nature of Walker," he said. Any policy changes regarding the east campus "won't change what we're committed to in west side dining," said Sherwood.

Should kitchens be chosen, the Dining Program office expects to lend aid to cooking students. Student-run kitchens would provide "lots of opportunities for workshops and seminars on shopping, student menu planning, nutrition, and other things," said Walton.

Graham to talk at Kresge

By Sam Cable

Christian evangelist Dr. Billy Graham will give a lecture in Kresge auditorium on the evening of April 28, according to Dr. Allan Beeber, campus co-ordinator for Campus Crusade for Christ at MIT.

Graham's visit to MIT is part of a New England crusade April 12 to May 6, said Beeber. Graham will visit Harvard, Dartmouth, Yale, Northeastern, Amherst, and the University of Massachusetts as well as MIT during this crusade, according to Campus Crusade president Phil Little '82.

"Active planning for Dr. Graham's visit to MIT is being done by Campus Crusade for Christ, United Christian Fellowship, the Park Street Seekers, and the Chinese Bible Study at MIT," said Little. "Other Christian groups are not actively involved in supporting Billy

Graham's visit because they want to emphasize points that will not be brought out by Dr. Graham's lecture." The subject of Graham's lecture has not yet been announced.

Graham will also be in the Boston area from May 30 to June 6. "It is probably the last time he will do a crusade in New England, because of his age," said Beeber.

Beeber said that Graham has spoken at both Oxford and Cambridge and described the results as "excellent".

Graham appeared in Boston in 1950 and in 1964.

Graham received his doctorate from Wheaton in 1943. He has led about 335 crusades since his first in 1947. Approximately 58 million people have attended his crusades, to the New England Billy Graham Crusade headquarters claims.

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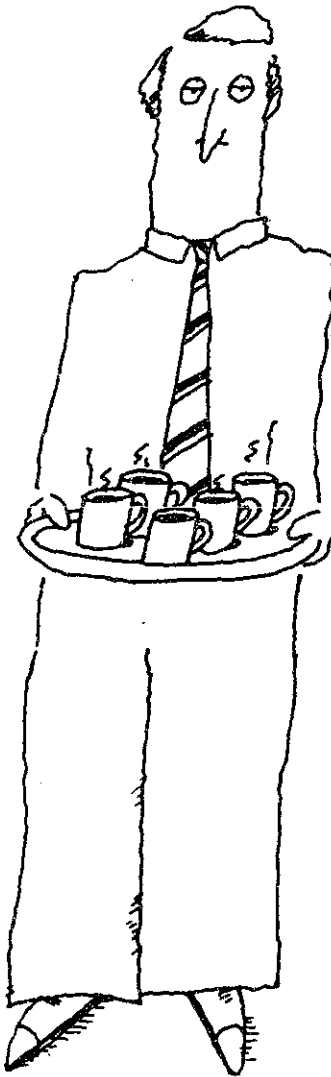
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news roundup

Nation

The Environmental Protection Agency has approved the use of paraquat by the Drug Enforcement Administration for eradication of marijuana crops. Individual states will make the final decision on the matter. The EPA has expressed concern about possible adverse health effects on potential smokers.

Surgeon General's report hits smoking — Dr. C. Everett Koop, Surgeon General, declared "Cigarette smoking is clearly identified as the chief preventable cause of death in our society." A new report from his office named additional cancers linked to smoking. The Tobacco Institute, an organization representing cigarette-manufacturers, claimed that "the question is still open."

Haig fears refugee flood — The United States could be faced with a high influx of refugees if revolutions in El Salvador and other Central American nations were not stopped, Secretary of State Alexander M. Haig Jr. told the nation's governor. Haig said that major economic aid is needed for the Caribbean region.

Williams testifies — Wayne B. Williams, accused of killing two children in last year's Atlanta child murders, claimed "I'm innocent, and that's all there is to it." Williams told questioning prosecutors, "I'm about as guilty as you are."

Amish must pay tax — The US Supreme Court unanimously ruled that an Amish farmer must pay Social Security taxes for his workers, even though he is opposed to taxation on religious grounds. Chief Justice Warren E. Burger wrote "because the broad public interest in maintaining a sound tax system is of such a high order, religious belief in conflict with the payment of taxes affords no basis for resisting the tax."

WABC musicradio will switch to all-talk format — "AM is finished for music," said one ABC official after 77 WABC in New York announced it would switch from top forty contemporary music to a talk and news format. The station, the most popular in the country during the 1960's, has lost much of its audience to FM radio. The new format is expected to begin April 1. Dan Ingram, who has been a WABC disc jockey for over 20 years, and Ron Lundy, his sidekick since they both worked at St. Louis' WIL in the late 1950's, will leave the flagship for ABC Enterprises, a new Superradio network, and a full-format adult contemporary broadcast.

Local

\$1000 insurance surcharge for drunken driving — A new merit rating plan for Massachusetts drivers adds a \$1000 annual surcharge to insurance rates for those drivers convicted of drunken driving twice within three years. Effective March 8, the new plan also increases charges for drivers who violate any motor vehicle laws more than once in a three year span. \$12 million are expected to be collected through these additional surcharges and will be distributed in the form of premium reductions to other policy holders.

MBTA to close two rapid-transit stations — A unanimous vote of the MBTA Board of Directors has called for the closing of the Bowdoin and Essex stations as well as the curtailment of service at the Boylston station. Additional maintenance and personnel cuts were made to amount to a \$6.5 million cutback. \$33 million in long-range cutbacks were proposed for the future if no further operating money appears to be forthcoming from the TA Advisory Board or Legislature.

Tony Zamparutti
and Stuart Gitlow

Weather

Sunny, breezy, and cold today with highs near 25. Some clouds will move in tonight ahead of a cold front, and overnight lows will be near 17. A mixture of clouds and sunshine on Saturday but still chilly with highs near 30. Sunday should be a little milder with some sun and highs near 35.

James Franklin

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Jerri-Lynn Scofield

Politics as usual?

Ronald Reagan's first year as President, coupled with the course of public policy he has decided to pursue, has reshaped the structure of contemporary American politics. Reagan has presided over the final dissolution of the New Deal coalition of labor and internationalist free traders — the Democratic Party has fallen from a position of electoral supremacy to one of organizational and ideological shambles. In the past several months, however, as the Administration's quixotic budgetary policy, continued support from and concessions to ultra-conservative religious fundamentalists, and confused approach to foreign affairs, have become apparent to former unquestioning supporters as well as to always-staunch foes, several seeming paradoxes have arisen.

Who would have thought before Reagan took office that:

- Democratic and Republican Congressional leaders together would lobby business leaders to convince them of the necessity of making Reagan accept an alternative budget proposal for fiscal year 1983. The Administration has suggested that spending for domestic programs — Social Security, education, food stamps, and other similar goals — be slashed, while taxes are also cut and the defense budget is increased. Even the Administration has predicted that the budget deficit for fiscal year 1983 will approach 100 billion dollars, the largest ever. Both liberal Democrats, who judge Reagan's decision to cut social spending to be inexcusable, and conservative Republicans, who consider deficits to be repugnant, have joined to tell the President that his budget is unacceptable. The honeymoon is over; leaders from both parties have indicated that this year's fiasco will not pass unchallenged.

- Jane Fonda and Barry Goldwater of Arizona would appear on the same stage, as they did last Monday night, in a paean to civil liberties directed toward the religious right. Television producer Norman Lear coordinated the show, to demonstrate that the Moral Majority does not have a monopoly on patriotism. Fonda delivered a short monologue on civil rights; Goldwater introduced a choreographed marching band presentation by declaring, "It's all right to wave the flag." Many other performers participated in the production, which is scheduled to be televised sometime next month.

- the President of the "land of the free and the home of the brave," at a time of domestic recession accompanied by a policy of fiscal restraint, would propose to send 350 million dollars to the Caribbean. Reagan's Central American plan is ostensibly designed to contribute to economic development, but is actually a guise under which more aid might be sent to Jose Duarte's failing regime in El Salvador.

It may indeed be true that politics makes strange bedfellows, but these incidents seem to indicate that a pattern different from politics as usual is occurring. Reagan's victory conclusively destroyed the old New Deal alliance, but no new long-term political coalition has replaced the predecessor.

The Tech

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Column/Mark Templer

Defense budget is wasteful

By Mark Templer

Ronald Reagan has spent his political career decrying waste, fraud, and abuse in government programs. His Administration has repeatedly cited anecdotal evidence of inefficiency in domestic spending; unfortunately, it has confronted defects by destroying Federal programs instead of improving them. The President has slashed aid to the poor in an attempt to root out waste, but he has not even looked at excesses in defense expenditures.

As part of the Administration's proposed five-year, 1.6 trillion dollar spending spree to restore American military superiority, the Defense Department's fiscal 1983 budget will increase by ten percent in real terms to 258 billion dollars. Reagan has argued that this buildup is justified in view of the growing military strength of the Soviet Union. While it is true that U.S. armed forces must be upgraded, throwing money at the Pentagon will not improve national security any more than pouring resources into HEW eliminated poverty. The government cannot afford to be

profligate with taxpayer dollars in times of hundred billion dollar deficits. The military budget must be scrutinized for possible savings.

Few doubt that there is waste in military spending. Even David Stockman has observed, "Hell, I think there's a kind of swamp of 10 to 20 to 30 billion dollars worth of [Defense Department] waste that can be ferreted out if you really push hard."

For starters, Congress should ask whether it is appropriate to spend 4.5 billion dollars next year on the MX missile, a first-strike nuclear weapon which will only bring the world closer to Armageddon. Additional savings could result from reconsideration of the B-1 bomber; the 1983 budget contains 5 billion dollars for this expensive plane that will be obsolete by the time it is completed. Over 2.2 billion dollars has been requested for the M-1 tank, a lemon that fails to operate in dusty conditions, needs a fleet of fuel trucks and bulldozers to go into battle, and carries a cannon that will not shoot. This armored dinosaur should be

analyzed before more national resources are squandered on its development. The Administration has even asked for 760 million dollars to refurbish a few World War II battleships, an expensive trip down Memory Lane that should be cancelled.

It is clear that significant savings can be achieved in the Defense Department budget. At the same time, national security can be maintained. Congress should learn from the Reagan Administration's mistakes: in its search for waste in defense spending, it must not cripple the military the same way the Administration has wrecked social programs. Military readiness must not be compromised; Congress should not take the easy road of cutting funds for operations and maintenance while leaving glamorous but unnecessary weapons systems intact. An intelligent perusal of defense spending can eliminate excesses while keeping America strong. We must hope that Congress approaches this task equitably and realistically — as Americans, we will pay the price for their decisions.

Column/Kevin Smith

Thurow's lecture sums to zero

Let me begin by saying that I know next to nothing about the US economy compared to internationally renowned economist, Lester Thurow. The title of his recent book *Zero Sum Society*, however, seems to indicate his style of lecture: while he made many interesting points in his talk, when you add all the points together they seem to add up to zero.

It seems to me one of his main messages was: Reagan's economic policy won't work. I am sure hearing a statement like that from a Massachusetts based economist will come as a surprise to no one. Hearing an expert like Thurow say in the same breath, My ideas won't work either, is a bit of a surprise. Those weren't exactly his words but, political catch phrases like, "I'm not overly optimistic" and "It's a very difficult

situation" were his obviously well rehearsed equivalents. When asked outright if he thought the U.S. economy would recover even if the government were to adopt his ideas, he replied... well "I'm an intellectual pessimist and an emotional optimist." My paraphrase of that statement implies, "If I rely on my intelligence to guide me then I don't think my ideas will work, but if I wish or hope that they will work then they will." What the hell is that supposed to mean?

While I was glad to see that Thurow didn't fall into the trap of endless criticism of Stockman, as so many pop media economists do, he still implied that Stockman wasn't doing his job. But when a fellow Professor asked "What knobs we (Washington) should turn to improve things," Thurow conceded that Washington could ac-

tually do very little. If he believes that why is he criticizing Stockman?

His ideas for improving US productivity were fine in theory but most of them were by his own admission hopelessly difficult to implement. Because you could never get consumers or producers to agree to them. That's just about everybody isn't it?

Now let me see... Stockman's not doing his job, but there's not much he can do. We're in a "crisis" situation with the US economy, but his ideas are unrealistic and probably won't work. And the only ways to improve US productivity can't possibly work because no one involved will do what's required. When you add that all up it sounds like zero to me. It a good thing the lecture was free or I would have asked the economist for a return of my investment.

Science funds paced

(Continued from page 1)

research, would receive a two percent increase in basic research funding. The budget for NIH's other areas, such as clinical programs, would be increased four percent.

The number of research trainees financed by NSF and NIH is being cut, from 9700 in fiscal 1982 to a proposed 8900 in 1983.

NASA's budget would increase 12 percent, with the space shuttle the major beneficiary. The space telescope and the Jupiter-orbiting Galileo satellite are also funded; the proposed 1986 interception of Halley's comet has been dropped. Throughout the sciences, entire programs which the Administration considers unnecessary or primarily as the private sector's concern would be eliminated.

Dean of Science Robert Alberty was guardedly optimistic about the proposed scientific research budget. "In comparison with the serious cuts in various Federal programs, the proposed science budget indicates the Administration is interested in supporting a strong research program," he said.

Assistant Dean of Engineering Frederick Quivey was less enthusiastic, noting that much of the increase in engineering funding is earmarked for applied research. "Our biggest concern is what [the shifts] will do to basic research," he said, adding that decreased basic research would damage both future applied research and current education of future researchers.

The School of Engineering itself, said Quivey, would not be seriously harmed. "There has been a shift in Engineering for several years toward the private sector," on the theory that a broad base of support is both safer and gives the school more credibility with both public and private sectors. As a result, the

school is less vulnerable than many others to funding fluctuations.

Much of the Sloan School's Federally-funded research is directed toward energy policy, according to Associate Dean Alvin Silk. The research is performed in the separate Energy Laboratory and is funded by agencies such as the Department of Energy, the Department of Transportation, and the Environmental Protection Agency, according to Professor Henry Jacoby. Funds for all of these agencies were reduced in fiscal 1982 and are targeted for further reductions in 1983.

The Department of Energy is scheduled to be incorporated into Commerce and other cabinet departments by fiscal 1983, but has a proposed 1983 budget. The continuing research is largely nuclear, at the expense of solar, fossil-fuel, and other non-nuclear energy sources, in line with Reagan's general energy policy; these cuts will probably be contested by Congress.

The suggested elimination of DOE has demoralized the department, said Jacoby. Many people have left DOE, and uncertainty about its future has made those left less willing to act. DOE funds research in many fields and its problems affect many MIT departments.

All three deans expressed concern over proposed cuts in student financial aid, particularly the prospect of graduate students becoming ineligible for Guaranteed Student Loans. Quivey noted that graduate traineeships cut by the government have been only partly made up by industry. He pointed out that with federal policies changing every four years, private industries get conflicting signals and cannot predict whether 'investing' in education will pay off.

Humanities funds cut

(Continued from page 1)

(NSF) funds social sciences, which are budgeted in the same category as economics; the Reagan Administration would cut both one percent. Few programs would be dropped entirely; instead they would receive smaller grants.

The MIT program hardest hit may be Linguistics, said Hanham. A number of student training grants, [funded by the National Institute for Mental Health, a member of NIH], will expire this year. If NIH's budget is cut, the grants may not be renewed. The Linguistics program is considering the Department of Defense (DOD) as an alternative source of funding according to Hanham. DOD is interested in computer languages research.

The chief problem for MIT, said Hanham, will be the proposed student financial aid cuts. He declined to predict long-term results if the cuts take effect, but noted that even without financial aid, students try to attend MIT because an Institute degree is valuable in the job market.

Financial aid cuts are also a major concern for Dean of Architecture and Planning John de Monchaux. Besides eliminating graduate students from the Guaranteed Student Loan program, the proposed budget would reduce the Work-Study program and would eliminate an intern program funded by the Department of Housing and Urban Development. The Architecture and Planning School tries hard to attract minority students; programs benefitting such students would be cut or dropped.

The MIT Urban Studies and Planning department does con-

sulting for government agencies. The Administration's withdrawal from what Reagan sees as private concerns would affect projects funded by agencies such as HUD, DOE, and the Health and Human Services Department. The projects are short-term, and when they expire, there may not be successors.

De Monchaux was also concerned that the job prospects for graduates, especially in the Urban Studies and Planning department, may worsen if current trends continue. Currently many graduates of the department take government jobs; others go into academia. If the Administration cuts funding for urban planning, both agencies and universities may cut back hiring.

De Monchaux was concerned about the Administration's attitude of withdrawal from areas of public concern because society has not devised a means of accountability short of government. "There is no evidence available today that voluntarism or the private sector can carry government responsibilities with equity and accountability."

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Productivity has declined in US

By Tony Zamparutti

The United States economy is dying a "death by a thousand cuts" and there are no easy solutions to our economic problems, Lester C. Thurow, Economics Professor, warned a packed audience in 10-250 Tuesday evening.

The decline in productivity is a major manifestation of American economic problems, Thurow claimed in his lecture entitled "Restoring American Productivity," and sponsored by The Office of the Dean for Student Affairs

and the Lecture Series Committee.

To improve the US economy "we need to do terribly painful things," said Thurow.

To achieve an increase in productivity and ensure economic recovery will require "a thousand bandages," said Thurow, because no one solution is enough. After many years of supremacy, Americans have become complacent about economic problems. "We have slow economic rot," explained Thurow. "I think the best thing we've got going for us

are the Japanese . . . We need a Japanese Sputnik" to energize American action.

When asked if the United States could recover from what he considered the beginning of a long-term decline, Thurow replied: "I'm an intellectual pessimist and an emotional optimist. If you ask me that question on an intellectual level, we will not pull out. If you ask that on an emotional level, we might.

"What we do not really understand yet is that we have been passed by other countries" in productivity and economic health, he noted.

Thurow listed a number of reasons why America's productivity is falling, such as the movement of workers from industry to service jobs and the need for additional business investment.

Too many Americans work in management, law, and other service areas, claimed Thurow. In Japan, there is one manager or supervisor for every 200 assembly line workers. In the United States, there is one for every ten workers in many corporations, said Thurow.

Americans do not save enough of their incomes, and industry does not invest enough capital, Thurow said. Investment needs to rise to 30 percent of the gross national product for a proper recovery. "That is precisely where Reaganomics will fail," noted Thurow.

"This [change] is not going to be done in Washington . . . [but] at the individual level," said Thurow. "We all want to hear a solution. As long as the leader of the country says we've got an easy way out, people are going to listen," until his way is proven ineffective.



Tech photo by Kevin Smith

Lester Thurow spoke on "Restoring American Productivity" Tuesday night in 10-250.

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Off the Beaten Groove

Siouxsie Queue

Today marks the debut of a weekly feature about independent, punk, import, and non-mainstream music. Although this slot will usually be devoted to record reviews, occasional biographies or interviews will appear about musicians of particular interest. This week's feature combines biography with review and discusses an important (and ignored) band — Siouxsie and the Banshees.

Once Upon A Time/The Singles. Siouxsie and the Banshees on PVC Records.

On September 20, 1976, Siouxsie and the Banshees played their first gig at the 100 Club Punk Festival in London, supporting the Sex Pistols, the Clash, and the Subway Sect. Siouxsie (then just plain Suzie) was backed by guitarist Marco (now with Adam and the Ants), drummer Sid Vicious (previous to his stint as Sex Pistols bassist), and bassist Steve Severin (then Steve Havoc). After one evening's worth of rehearsal, the Banshees tore through a twenty minute medley that included "Blue Suede Shoes" and ended with The Lord's Prayer.

Soon afterward the Sex Pistols became infamous for launching into a swearing fit while being interviewed on television. The cause for their outrage was the interviewer's attempt to get a Pistols fan to say something controversial. That typical fan was Siouxsie—chosen because of her striking appearance. These two spontaneous appearances brought Siouxsie and the



Graphic by David Shaw



Banshees into the public eye, a position they have occupied ever since. In England.

Here in the States, the Banshees suffered in obscurity, known only to the growing body of punks and trendies. The band's first two albums, *The Scream*, (voted Best Debut Album of 1978 in the UK) and *Join Hands*, were available only as imports (on Polydor Records), and received minimal airplay despite the presence of some excellent singles. The situation changed last year, however, when the Banshees made their first tour of America, an event which prompted PVC Records to release the two most recent Siouxsie albums (*Kaleidoscope* and *JuJu*).

The most recent release, *Once Upon a Time/The Singles*, is that rarest of creatures—the "greatest hits" compilation that is also a "best of" collection. ("Greatest hits" is arguable—none of these singles have ever seen the light of an American chart, although they have all sold exceptionally well in Britain.) Collections of this sort serve two purposes; they are perfect introductions to a band's music, and they provide a means of assessing the band's progress and maturity.

The Singles is organized chronologically, with the group's punk phase represented by side one and the art phase represented by side two; the sides also represent the first and second pair of albums and the major personnel change responsible for the punk-to-art transition. Despite the divi-

sions, one trait remains constant—Siouxsie and the Banshees are not your run-of-the-mill punks.

"Hong Kong Garden," one of the seminal punk singles, showed that the Banshees had more to offer than three-chord guitar barrages and "I'm so bored/You're a liar" lyrics. Guitarist John McKay drew from the punk idiom but tempered his playing, and drummer Kenny Morris added Oriental xylophone accents—hardly a hip instrument, the xylophone. Subsequent singles, however, from *The Scream's* "Mirage" to *Join Hands' "Love in a Void,"* showed the band struggling too hard to maintain a harsh intensity, at the same time suffering from hastily produced material. However, the Banshees still sounded like no one else—except the early Banshees.

In 1979 McKay and Morris departed, and were replaced by guitarist John McGeogh (from Magazine and Visage) and drummer Budgie (arguably the finest art/punk drummer). With the new lineup the Banshees recorded the pioneering *Kaleidoscope* and entered the realm of art-rock. The singles show the potential of a revitalized band—Siouxsie's famous banshee wail is more controlled, her vocals more assured yet retaining their early power. McGeogh's effect on the music was drastic—keyboards were added to the group's sound palette, the arrangements became more experimental. Listen to



"Christine"—the bass carries the chord sequence and McGeogh adds accents on acoustic guitar.

Nothing from *Kaleidoscope* could prepare the listener for the trio of singles from the most recent album, *JuJu*. This disc, which was included on almost every "year's best" list, is the work of a matured, innovative group. "Israel" (originally a bonus single included with the album) is Siouxsie's first overtly political statement: "Now hidden in disguise—cheap wrapping of lies/Keep your heart alive with a song from inside/Even though we're all alone..." "Arabian Knights" is more meditative, with a plaintive vocal and lovely treated guitar work. The *tour de force* remains "Spellbound," a piece that recaptures all the rage and intensity of the early Banshees. The song's tense, electric buildup creates a feeling of supernatural power that is reinforced by Siouxsie's hollow vocal and mysterious lyric.

Once Upon a Time/The Singles is highly recommended to those curious about the Banshees and to the long-time fan who might have missed some of the (now unavailable) landmark singles. Siouxsie and the Banshees managed to survive the collapse of the punk culture, maintaining their piercing convictions and imaginative musical descriptions of the unnatural. They are now in the position to become musical innovators.

David Shaw

on the town

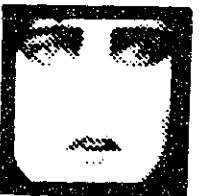
Moon for the Misbegotten, Eugene O'Neill's drama, opens tonight and continues through April 3; 8pm Wednesdays through Saturdays. Reservations and ticket information may be obtained through the box office, 744-0114.



The MIT Community Players will present *The Mousetrap* by Agatha Christie as their February production. Performances will be held in Kresge Little Theater on Friday and Saturday, Feb. 26 and 27. All performances will be at 8pm; for ticket reservations, call 253-2530.



The Environmental Theatre presents Samuel Beckett's *Waiting for Godot* on March 8, 9 & 10. All performances are in Lobby 7 at 7pm, admission free and open to all members of the MIT community.



John Buttrick, Associate Professor of Music here at MIT will give a piano recital consisting of works by Haydn, Chopin, and Rachmaninoff at 8pm in Kresge Auditorium. Admission is free, and if you'd like to hear more, call 253-2906.

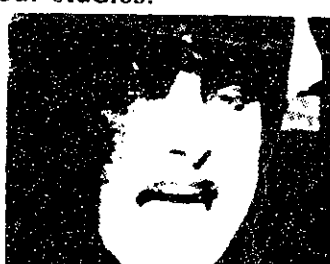
The Boston Musica Viva, under the direction of Richard Pittman, will present the third concert of its 1981-82 season on Friday, Feb. 26 at 8pm in Sanders Theater. Tickets for this concert may be obtained by calling The Boston Musica Viva at (617) 451-1342.



The MIT Student Art Association is open for registration through March 2, 1-5pm at the Student Center, Room 429. Students may sign up for evening classes in various art mediums, including calligraphy, color photography, stained glass, and clay sculpture, plus lots more. Feel free to visit their 24-hour studios.

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Wild Strawberries (Classic), Friday at 7:30 in 10'250.
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The Maltese Falcon, Sunday at 6:30 and 9 in 26-100.



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MIT officials concerned by CARP presence

By Heather Preston

"There are three representatives of the Unification Church working around the MIT campus. They are neither MIT students nor members of the MIT community," explained Robert M. Randolph, Associate Dean for Student Affairs. "They have been asked by the Dean's office not to contact students or solicit students on MIT property, that if they contact students elsewhere that they indicate clearly what they represent. When they have been found passing out leaflets in the Student Center, they have been asked to leave by the Campus Police."

A recent decision handed down by Cambridge District Court upheld MIT's policy of forbidding soliciting on Institute property without prior permission from the Dean for Student Affairs office. The Unification Church's campus-outreach organization, the Collegiate Association for the Research of Principles (CARP), has been subject to much attention from the Institute administration since last fall.

Commenting on the Unification Church representatives' distribution of their newspaper, *The World Student Times*, in Lobby 7 bins, Randolph contended, "We obviously can't stop that. The Scientologists do the same thing. Our office does not patrol out there trying to protect the minds of MIT students from [CARP] newspapers. However, I think it's very important that students know that they may ask to have these people ejected if they feel like they're being hassled."

According to Randolph, there have been several complaints made to the Dean's office in the last two weeks by students who were approached in the Student Center. The Campus Police has been called there three times to remove soliciting CARP members.

"They've shown up sporadically for one- or two-day efforts, usually at this time of year. But

Gray meets with Bush

(Continued from page 1)

Senate Labor and Human Resources Committee, whose jurisdiction includes student aid programs.

In particular, Gray personally labeled the proposed elimination of Guaranteed Student Loans for graduate students as "a disaster—in the short term to some colleges and universities, in the long run to the entire nation."

Grad house rents rise?

(Continued from page 1)

number of terms. Currently graduate students may stay in the housing system as long as they remain students. Sherwood mentioned that such a plan would have problems, but stated that there are still many options being considered.

The Administration Housing Group consists of: McBay; H. E. Brammer, Director of Housing and Food Services; John A. Currie, Director of Finance; William Dickson, Vice President for Operations; John deMonchaux, Dean of the School of Architecture and Planning; Walter L. Milne, Special Assistant to the President for Urban Relations; O. Robert Simha, Director of Planning Office; Philip A. Trussell, Real Estate Officer; and Kenneth R. Wadleigh, Vice President and Dean of the Graduate School.

this time it seems to be a more permanent presence," commented Campus Police Chief James T. Olivieri. In keeping with Institute policy, the Campus Police has asked the CARP members to leave MIT property, and informed them that they may operate from the public areas such as the Massachusetts Avenue sidewalk.

"There's no friction; they understand and move off. They always smile at us," Olivieri explained how the Cambridge District Court's decision on the Coop trespassing case would affect future policy toward the CARP members' appearances in Lobby 7 and the Student Center. "We will inform them with a trespass notice the second time. Once we've verbally given them

that trespass notice, further violations will place them in the position of being subject to arrest." Olivieri indicated that upon future contact, the offending CARP member(s) would be given trespass notice.

Since the controversy springs from CARP's status as a non-student group, CARP members stationed in the BU Student Center discussed that status. "We have one MIT student, a freshman; he entered the Church last month," explained one of the CARP spokesmen. They were adamant about their current position relative to MIT's policies, and denied having tried to gain recognition as an official student activity, their lack of student support making that status unattainable. If the group were to

become a student activity or if an MIT student was discovered soliciting for CARP, "He would be asked if he had screened his effort through the DSA office. The DSA helps to determine the use of space at MIT, who may solicit, et cetera. It's a matter of judicious control," explained Olivieri.

Although there is currently one student member of the Unification Church on campus, there was another who graduated in December, J. Andrew Combs. Neither of these students have engaged in the kind of public leafletting carried out by the non-MIT CARP members. Combs, a nuclear engineering graduate student who was for several years the only member of the Unification Church at MIT, gave talks on "The Divine Principle of Rev.

Sun Myung Moon" as an IAP activity two years ago. According to his office mates, he was not active in recruitment on campus at other times.

This year, according to Randolph, members of the CARP group "were going to IAP meetings and contacting people at these meetings," suggesting that they continue their conversations over lunch or dinner. Olivieri also recalled that the CARP members had been "reported in the buildings and dining halls, not handing out papers, but talking to people," and commented that the Campus Police has no authority to prevent the Church representatives from approaching MIT students verbally, unless an approached student complains that he or she is being disturbed.

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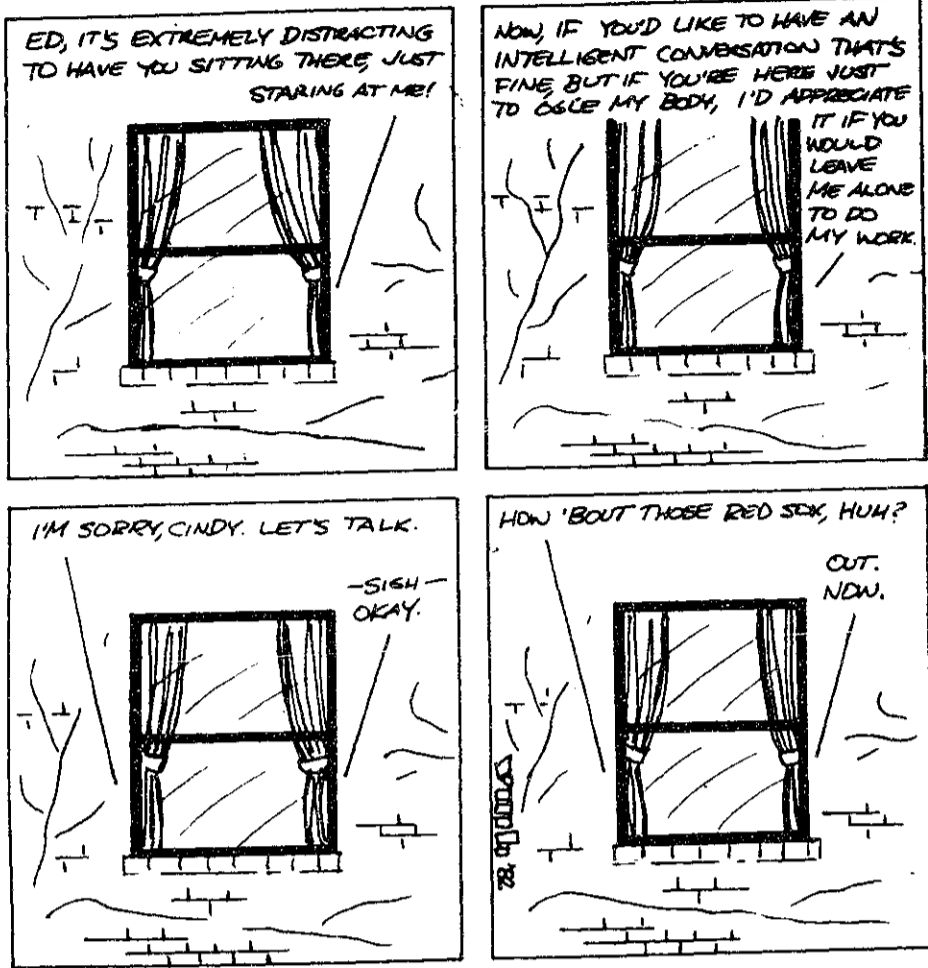
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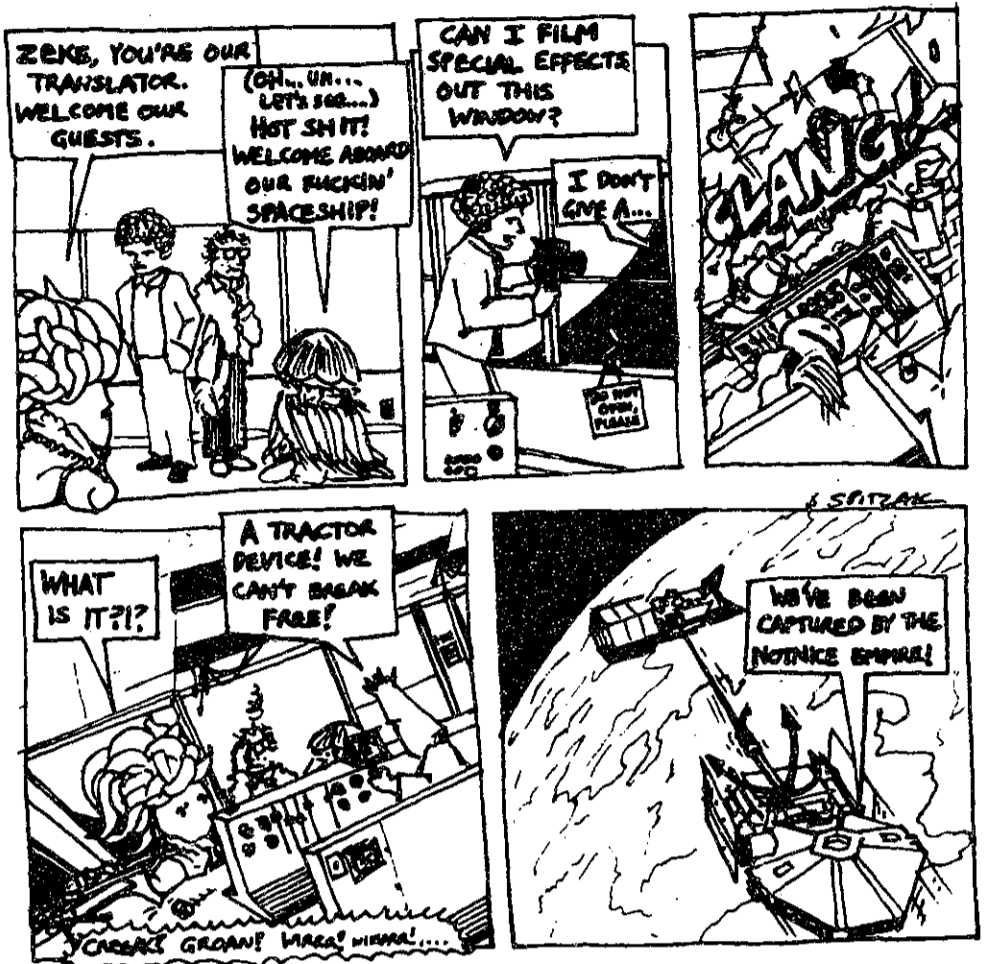
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sports

7-10 puts Rifle 4th in league



Tech photo by Ken Hughes

The Rifle team took fourth place in the New England College Rifle League finals last Friday.

By Danny Orange

The MIT varsity rifle team had a long weekend of shooting at Norwich Academy in Vermont. The Engineers shot in the New England College Rifle League finals on Friday. The team scored a 2113 out of a possible 2400 and was led by Cliff Eskey '85 with a 561, followed by Greg Buliavac '83 with a 549 and Bob Cooley '85 with a 525. Other shooters at the match were Adrian Wang '85 and Danny Orange '85.

MIT's score-the high for the year-was bested by scores posted by Dartmouth, Coast Guard, and UMaine, and topped scores with a record of 7-10, good enough for fourth place in the league.

The squad also shot in the NRA Collegiate sectionals in air rifle and small bore held over the weekend. Eskey captured the gold with a career-high 377 out of 400. Captain Greg Buliavac followed with a 355. Felixa Goldenberg '85, after having shot for only four weeks prior to the competition, gave the team a pleasant surprise by shooting a 318. Bob Cooley followed closely with a 313. The air rifle squad finished second out of five teams.

In the small bore sectionals, Eskey again copped the gold with another career-high of 1127 out of 1200. Buliavac took the silver with a 1108, and the team shot a 4246 to take third place. Eskey's scores virtually assure him a spot in the NCAA national champions.

With so much young talent available, the rifle team can look forward to dominating the league in the years to come.

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sports

Eric R. Fleming

Thinkin' warm thoughts on a wintry night . . .

A few thoughts as the long winter season winds down:

The indoor track team deserves a lot of praise for its best season ever. Coach Gordon Kelly's group is obviously talented and dedicated, and epitomizes the word *team*. Although guys like Martin Taylor and Paul Neves get

a lot of the ink, the 10-0 record and showing in the New England Division III meet has to be attributed to effort all down the line. The squad's performance proves that MIT athletics are not for "losers."

On the controversy with Tufts: just a case of simple human error. In the rush to provide partici-

pants and fans with up-to-date info, an oversight was made. That same day, a similar error was made at the Big East track championships in Syracuse, New York when Villanova was credited with twice as many points as it should have in an event. The corrected score was Seton Hall 109, Villanova 108. The team found out

about the error just as it was leaving the Carrier Dome, with the title trophy in hand.

My gut feeling on the issue: MIT has the stronger case. Whichever way the decision of the Games Committee turns out, the Tufts-MIT track rivalry has become one of the best in New England, and to let a dispute over two points spoil it would be a shame.

On the ice: Who needs Wayne Gretzky? MIT has one of its own in Tom Michalek. The grad student from Dearborn, Michigan, who was the captain of Notre Dame's varsity hockey team, has 43 goals in 14 games in leading the Beavers to a 10-4 record. Watching Michalek play is like watching a man play among boys.

Hoop-la: It sounds like a cliché, but our men's basketball team is one of the best 7-17 teams in New England Division III. Injuries and youth made life tough for the squad, but the team hung in there. Mark Branch had a fine year, pas-

sing the 1000-point mark, while Lane Wilson, Robert Joseph, and Mike Greer made big contributions. The gang from SAE (composed of Mike Weiss, Greg Bartlett, Jeff "Vanilla Shake" Bornstein, and "Bud the Snake" Taddiken) played some fine ball late in the season, and the rest of the bench came through, on and off the court. Kudos especially go to Mark "Shoes" Johnson, who played his best game ever against Connecticut College last Saturday (his parents were in the crowd; maybe we should have 'em come more often!)

Did you know the men's and women's cagers had ten common opponents this season, eight of which were both at home or away? An effort should be made to schedule men's-women's doubleheaders, which could save on travel costs, and put more people in the stands. The Bates twin bill of last year was a success, with a good crowd and some excellent basketball.

sports update

Women's Hockey—The women's hockey club posted the first victory in the history of women's hockey Wednesday afternoon when it defeated St. Georges 6-5 in overtime. The club's next game will be Tuesday in the New Athletic Center at 7pm when the Harvard Crimson pay a visit.

Men's Hockey—The Beavers won its seventh in a row Wednesday night, the victim being Nichols by a score of 5-2. Five different players scored for MIT, with sophomore Paul Dinnage and Harvey Stenger G each contributing a goal and two assists. MIT broke open a 2-2 game with three tallies in the final minute of play. MIT closes the season at home tomorrow night versus the University of Rochester. Game time is 7pm.

Fencing—Both men's and women's squads rebounded from losses this weekend at the expense of Brown. Tuesday in Providence, the men's team conquered the Bears by a 18-9 score, and the women won easily, the count being 12-4. The pair of teams had matches at Southeastern Massachusetts last night, and the women travel to New York to face Farleigh-Dickinson tomorrow.

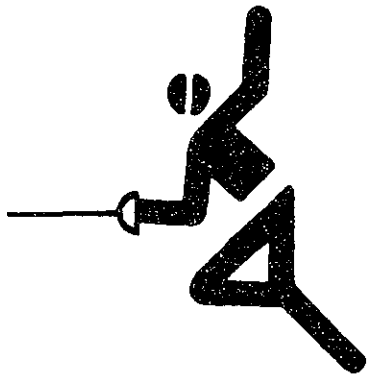
Also, Tuesday night, the women's basketball team ended its season on a losing note, falling 69-45 to Babson.

Events this weekend featuring MIT teams include the New England track championships at Boston University, intercollegiate pistol sectional here at MIT Saturday morning, and the New England women's swim championships through Sunday at UMass-Boston.

sporting notices

The MIT cycling team is seeking riders interested in training and intercollegiate competition this term. The first race is scheduled for April 4 in Boston. Riders should have some racing experience. Please contact Eric Martinot, 225-6674.

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