

Gray asks tuition hike to \$8700

by Tony Zamparutti

President Paul E. Gray '54 will recommend to the MIT Corporation that 1982-3 undergraduate tuition be set at \$8700 and the equity level at \$4000.

The Academic Council recommended the tuition figure to Gray and suggested the equity level be set between \$4000 and \$4200.

The Executive Committee of the MIT Corporation met yesterday afternoon and considered the tuition and equity figures. The full Corporation meets today; it will consider Gray's recommendations for tuition and equity level.

The Corporation usually approves the President's recommendations, noted Vincent E. Fulmer '53, Secretary of the Institute. Even when there was disagreement among Corporation members, Fulmer observed, "I am unaware that the Corporation has done other than reluctantly agree" with the President in the 30 years he has been at MIT.

Gray declared, "In a steady state—and we haven't had one in the past few years—MIT would increase" fees each year by "slightly greater than the inflation rate." For a six percent inflation rate, tuition would increase by eight to nine percent, Gray hypothesized.

This year "there are special circumstances: the decision of the government to pull back from student aid and [the Institute's intention] to pay particular attention to faculty salaries," said Gray.

The cutback in Federal student aid is especially worrisome, Gray added. "I spent all day last [Wednesday] in Washington, lobbying against the student aid reductions. I am also putting the finishing touches on an editorial for *Science* magazine" on the subject, he noted.

Meeting MIT's costs "will be painful for our students next year," said Dean for Student Affairs Shirley McBay. She added, "As you increase the costs, you increase the number of students on financial aid."

John DeRubeis '83, Undergraduate Association President, and Nancy Wright G, Graduate Student Council Chairman, attended last Tuesday's Academic Council meeting. DeRubeis noted there was discussion in the council over the size of the equity level. Some members "couldn't see how students would come up with \$4000 or \$4200" equity level, while others worried about the size of the Institute's deficit without a higher equity level, according to DeRubeis. "The Institute just can't afford more years of deficit," he noted.

The sharp increase in equity level from \$3200 to \$4000 next year will mean an 18 percent increase in the minimum amount students on financial aid must provide for their school expenses, independent of the money the Student Financial Aid Office (SFAO) expects students' families to contribute, or students to earn from summer jobs.

Equity level increases to \$4000

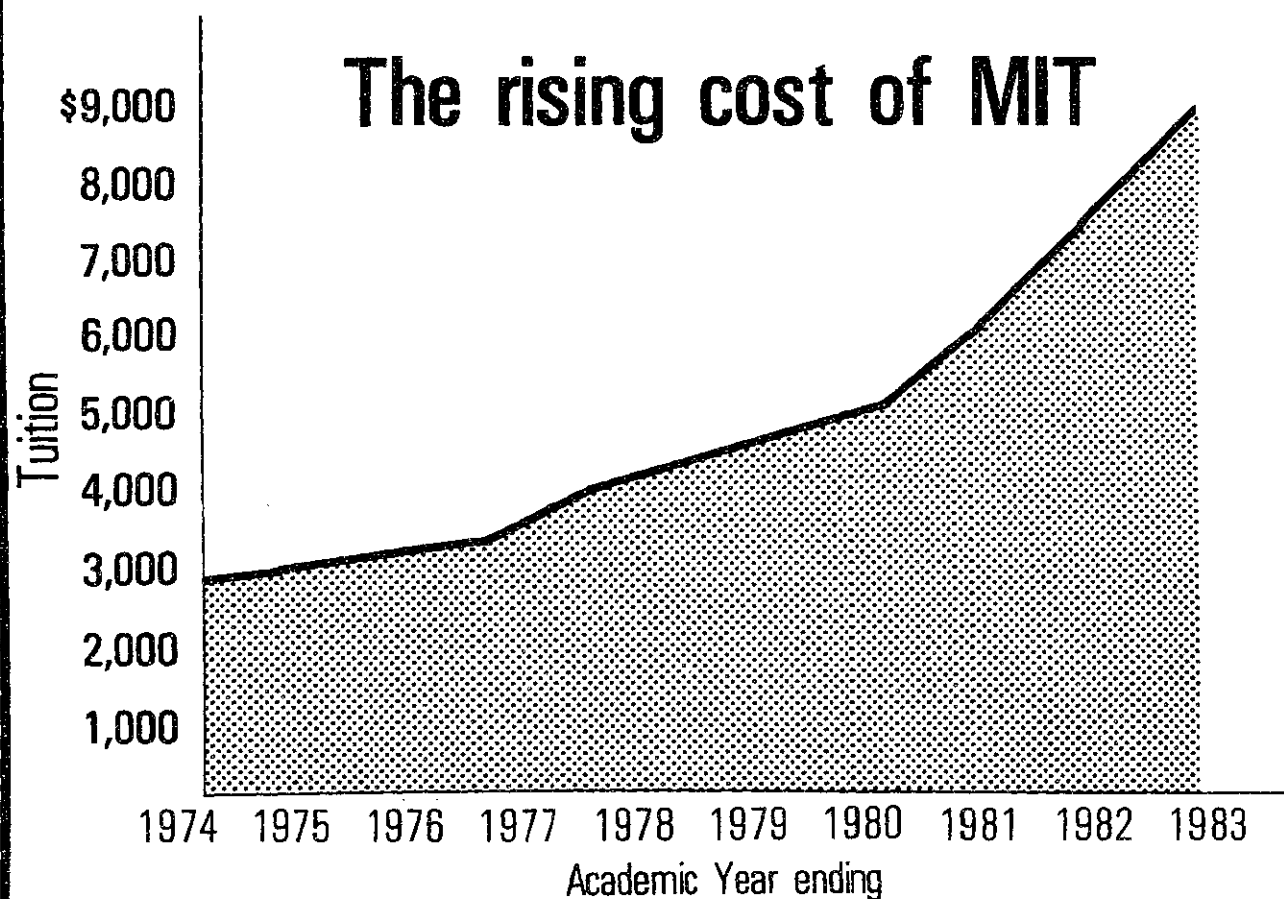
By Sam Cable and Tony Zamparutti

"Equity is a level of need beyond which we are able to offer grant aid," said Jack H. Frailey '44, Director of Student Financial Services. "It is a self-help threshold," he added.

Students on financial aid can meet the equity level by taking out government loans or earning more than the Institute requires.

The SFAO will probably be able to offer needy students a suitable loan and work-study package if their parents contribute the expected amount, said Leonard V. Gallagher '54, Director of Student Financial Aid. Other students "will see the rise as painful because their parents can or have not contributed as we think they should," Gallagher declared. "I still feel that with a reasonable degree of parental help we can put together a suitable financial aid package."

"Normally the equity level would have been around \$3900," said John A. Currie '57, Director of Finance, but the Academic Council felt proposed cuts in Federal student aid would create financial problems for MIT at that figure.



Graham to speak at graduation

By Barry S. Surman

Katharine Graham, Chairman and Chief Executive Officer of the Washington Post Company, will on June 1, be the first outside commencement speaker at MIT since 1963.

"I think it's a super choice," said President Paul E. Gray '54. Since 1964, the president of the Institute has delivered the commencement address.

"We're delighted," said Professor Langley C. Keyes '67, Chairman of the Institute's Commencement Committee. The Committee's recommendation of Graham followed solicitation of suggestion from the MIT community and discussion in that

committee's Speaker Subcommittee.

At most universities, commencement speakers are awarded honorary degrees, but "we don't give honorary degrees at MIT," explained Jerome B. Wiesner, President Emeritus.

Graham, a 1938 graduate of the University of Chicago, served as Publisher of The Washington Post from March 1969 to January 1979, a period which included the Post's investigation of the Watergate break-in.

In addition to publishing The Post, The Washington Post Company publishes Newsweek magazine and The (Everett, Washington) Herald, operates television stations in Detroit, Jacksonville, Miami, and Hartford, and owns interests in the International Herald Tribune, S.A., two paper manufacturers, and the Los Angeles Times-Washington Post News Service.

Graham is also Chairman and President of the American Newspaper Publishers' Association, and a member of the Executive Committee of the Associated Press and the Newspaper Advertising Bureau.

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Three teams run for UAP/UAVP

By John J. Ying

MIT undergraduates will choose among three candidate teams for President and Vice President of the Undergraduate Association (UA) in general elections next Wednesday.

Michael Lopez '83 and Steven Barber '84, Kenneth Segel '83 and

Kenneth Meltsner '83, and Ira Summer '83 and Shiva Ayyadurai '85 each gathered over 450 signatures to qualify for the presidential ballot. Each team may spend up to \$200 on its campaign.

All the presidential candidates expressed displeasure with the

present operation of the UA General Assembly (GA). Summer said, "The GA and UA haven't been doing things that really matter. People are yelling over Fin-Board. There are huge complaints over the Homecoming Queen. But there are no complaints that tuition is going up, equity is going up, Reagan is making huge cuts in financial aid, and [Courses] Six

steadily declining. Deutch became Dean of the School of Science March 1.

Professor of Biology John M. Buchanan, Registration Officer for Course XXV, was on vacation and could not be reached for comment.

Associate Professor Charles C. Counselman 3d, a member of the Course XXV Committee, said the Committee met about four weeks ago, but he missed the meeting because he was away from the Institute. He speculated that the committee decided to dissolve the department because the small number of students did not justify the costs of administrative overhead.

Matthew F. Leo '84, a registered Course 25 undergraduate concentrating in human nature and brain function, said that he originally thought he would be "grandfathered in" and allowed to graduate from the department, but now must find a new department.

MIT to eliminate Course XXV

By Ivan Fong

The Interdisciplinary Science Program (Course XXV) "will be officially folding as of July 1st, 1982," according to a memorandum distributed to all Course XXV students from Shawnee Wieder G, the Course XXV teaching assistant.

The memorandum, dated February 26, continued,

inside

Undergraduates will vote to determine the fate of the MIT Homecoming Queen contest. **Page 2.**

Dormitory rents are not based on operating costs for individual houses. **Page 6.**

"Graduate students should plan to graduate by the end of the summer session." While the department would assign undergraduate students new advisors if necessary, "undergraduates who are not graduating this term are encouraged to find another department," indicated Wieder's letter.

Dean of the School of Science John M. Deutch '61 said yesterday the decision was based on the small number of undergraduates enrolled in Course XXV. "The whole [Course XXV] advising system decided that there was no purpose to continue [the program] until a good deal more interest developed." Wieder noted that there are fewer than ten undergraduates in Course XXV this year, and that new undergraduates would no longer be admitted to the program.

Deutch noted that the master's program had been eliminated about two years ago, and that undergraduate interest has been



Tech Photo by Vincent Light

Dr. F. Winterberg of Univ. of N.M. spoke Tuesday in 6-120 on the topic of nuclear technology and warfare.

Summer, Segel, and Lopez run

(Continued from page 1)
and Sixteen are getting rid of pass-fail."

Lopez said current UA President (UAP) and Vice President (UAVP) John DeRubeis '83 and Ken Dumas '83 "brought a lot of charisma and enthusiasm to the office," but they were "less than effective" in carrying out their projects. Lopez wants "to make student government more accountable and accessible to all students." He added, "Some changes have to take place within the GA, but it can be effective."

"The student government isn't worth a lot and isn't doing a lot," said Segel. "No one at MIT is honest. MIT students are sheep. They believe whatever crap the MIT administration tells them. Lots of students out there don't vote because they see the truth about the student government. If those who don't care enough,

Students to vote on Queen issue

By Tony Zamparutti
MIT students can vote whether or not they wish to elect a Homecoming Queen next year in a referendum that will accompany next Wednesday's Undergraduate Association elections.

The GA decided last December to hold a binding, Institute-wide referendum on the issue. Voters can choose on a preferential ballot if they desire: a female queen;

(Please turn to page 7)

cared enough, there might be something to care about."

Both Lopez and Summer commented on tuition. "I think the best way to look at MIT tuition," said Lopez, "is not from the undergraduate's perspective but from the alumni's." If there were more young alumni interested in MIT, he contends, there would be more donations. "It would be unrealistic to say I could control tuition," Lopez added.

"With tuition going up, financial aid being cut, and MIT revising its policy of need-blind admission," said Summer, "we need to get MIT to ask for endowment money to support financial aid. We should start a letter writing campaign to Congress to stop cuts; we must get people on Capitol Hill to realize that students can't and won't take these cuts."

Lopez supports change in the UA Finance Board, (FinBoard), but the question "shouldn't be centered around cultural issues," he said. According to Lopez, the Association of Women Students (AWS) recently requested \$1000 from FinBoard, but was granted only \$100, while the Bangladesh Students' Association received \$350. "It seems to me the AWS is more interested in issues pertain-

ing to the whole community," he commented.

"East Campus and Senior House people do fabulous work to improve the dining system," said Summer, "but the GA and UA don't give a hand." He proposed uniting student groups working on the Commons issue and meeting with Dining Service employees "to discuss mismanagement and cut down the cost of Commons."

Both Summer and Lopez want to get student passes for the Harvard Medical School shuttle or to start MIT's own shuttle bus service. Summer also wants to start a student credit union where MIT undergraduates could get loans.

The candidates were also interested in social activities issues. "Steve [Barber] and I," said Lopez, "are both opposed to the Homecoming Queen. There's really no need for it." He said they support any of the final three Homecoming referendum options: a court, UMOG for queen, or no queen at all.

Segel wants to start a campus-wide beer cooperative and hold a Rolling Stones concert. "It's got it all figured out. It's quite feasible—all we have to do is sell 20,000 tickets at \$10 each," he said.

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news roundup

Nation

US wants to use air bases in Caribbean — The State Department announced yesterday that the US wishes to use air bases in Colombia and Honduras. This is part of a plan to upgrade defenses of non-communist countries in the area. The US has similar agreements with many allies in Europe and Asia, as well as Oman, Kenya, and Somalia, according to Dean Facher, a spokesman for the State Department.

Business roundtable rejects Reagan's budget deficits — The 46 members of the policy committee of the Business Roundtable has invited Congress to reduce President Reagan's proposed military budget due to unacceptably large budget deficits overall. The US Chamber of Commerce and the National Association of Manufacturers have also responded to the budget with similar positions. The Roundtable has been reported to have supported a deferral of the scheduled 10 percent tax cut for individuals in 1983.

Faulty de-icer at fault in Air Florida crash — The January 13 crash of an Air Florida 737 may have been caused by the use of a faulty de-icer prior to the flight's departure from the gate. Rather than producing a 25 percent glycol-water mixture, the truck may have sprayed as little as 12 percent glycol. Only five of the 79 on board survived the Washington crash; four additional people were killed by the collision on the Potomac's 14th Street Bridge.

Maine news reporter facing charges in Canada — Following a request by the judge of a Canadian murder case that barred news reports, Beumond Banville of The Bangor Daily News wrote about the pretrial hearing, and is now facing criminal charges in Canada. The action will test whether reporters for US newspapers are bound by orders from Canadian courts. The maximum penalty for Bonville, if convicted, would be six months in jail and a \$5,000 fine.

Detroit Auto sales down 16 percent — Domestic automakers have reported the worst sales records in two decades, claiming a drop of 16 percent since last year. In February, Volkswagens of American sold 6911 cars, 45.5 percent fewer than last year. General Motors' sales dropped 20.1 percent. American Motors has lost 43.5 percent of last year's February income.

Stuart Gitlow

Weather

Mild but windy with occasional showers today. Highs will be near 50, becoming much cooler late this afternoon or this evening with shifting winds and temperatures dropping into the lower 30's by morning. For Saturday, winds will shift back to the northeast, and some light snow is likely to develop during the day. Temperatures will be only in the mid-30's.

James Franklin

notes

Announcements

The Registrar's Office would like to remind students that correction cards will not be accepted without all of the necessary signatures. You are urged to obtain all signatures well before deadlines

to avoid having to petition the CAP for approval to make a late change. If your advisor is unavailable, contact your undergraduate office or department headquarters. Freshmen should go to the Undergraduate Academic Support Office, Room 7-103.

The MIT Activities Development Board is presently receiving applications for **Capital Equipment Funding** for student and community activities. Applications may be secured from Dean Holden's Office in Room W20-345.



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Jerri-Lynn Scofield

Paul Gray's new MIT Federalism

President Gray wants to restructure MIT so it can offer a better undergraduate education. Borrowing an initiative from the Reagan Administration, Gray has developed his own two-part New Federalism proposal. To strengthen the role of undergraduates on campus, Gray will allow them, through the executive boards of their living groups, to make all decisions on research funding, educational requirements, and tenure. Undergraduate houses will be able to distribute more than half of the Institute's budget. Disbursal of the rest of the budget, which will be spent on undergraduate amenities such as housing, student activities, and food services, will be overseen by the Academic Council. Imagine the following scenes, which might occur after the implementation of New Federalism at MIT.

* * * *

Speaking before a meeting of the New House Executive Committee, the head of the Department of Electrical Engineering and Computer Science—Course 6—again pleaded for funds for his department. The professor had had a tough week; he had visited at least seven other dormitories and thirty fraternities as well and he still had not managed to fund next year's budget request.

"Why are you requesting funds for Course 6?" the president of New House asked.

"Well," the professor replied, "Course 6 is the largest department at MIT. Industries clamor for our graduates. We can't seem to teach fast enough. Why last term alone . . ."

"Is it true," the student interrupted "that Course 6 has recently started to uncover hidden freshman grades?"

"Uh, there's a reason for that . . ." gulped the professor.

"And," the student continued, "is it true Course 6 will not let a student take a course if he has received a 'D' in the prerequisite?"

"Well, um, you know . . ." the professor attempted.

"Tell me professor," queried the student, "is it true that some courses are taught in a language other than English?"

"Well, um, you see, uh . . ." the professor faltered.

"And is it true that courses are severely overcrowded?" asked the student.

"Well, we have problems getting people to teach at MIT because we can not offer new Ph.D's salaries that are competitive with private industry. And then, once instructors get here, they usually think that it is more important for them to perform brilliant research than it is for them to teach. But we really need the money, you know. We still have students to teach, research to perform, discoveries to make, professors to support . . ."

* * * *

Speaking before a meeting of the Academic Council, Gray's budget director explained why costs for mandatory commons would once again increase while funding for student activities would decrease.

"We can not allow ourselves to be outspent by our adversaries," declared the budget director.

"And who might they be?" asked a member of the Academic Council.

"Why other universities, of course," replied the finance man.

"Who do you mean, specifically, and why do they threaten us?" asked the inquisitor.

"Those folks from Harvard, for instance. Their undergraduates compete with some of ours for jobs, places in graduate school, and fellowships. We can not afford to let Harvard spend more on feeding its students than we do on stuffing ours. We must match those Harvardites steak for steak, potato for potato, pea for pea, or their liberal arts ideology will conquer and subjugate the entire intellectual world. We must fight them, knife against knife, fork against fork, soup spoon against soup spoon, for control of academia. MIT must not be cowed by the Harvard threat. We must make the world safe for technology."



Column/Ivan Fong

Is MIT a pressure cooker?

Just before coming to MIT, I remember my father telling me not to worry about taking a term off or transferring to another school if things weren't going well for me here. He hasn't changed in that respect, and, in general, my family and friends have been very supportive throughout my college years. Yet, after being particularly demoralized by two successive quizzes this week, I began to think seriously about the pressures and tensions that are characteristic of an MIT education.

College-aged young adults are beset by emotional and psychological changes that are compounded by the academic and intellectual challenges of MIT's workload. Most college students experience some form of depression during their four years, whether it stems from their social lives, family pressures, extracurricular commitments, or financial exigencies. These problems, however, need to be tackled as part of each individual's maturation process. My concern is that MIT's atmosphere exacerbates an already tumultuous period for many students, instead of providing the support and assistance that ensures a healthy mental attitude among its students.

"Hating MIT is MIT's form of school spirit," scrawled someone on a Lobby 7 pillar poster this week in response to the question, "What makes MIT unique?" Admittedly, those future leaders of technology who wear T-shirts similarly proclaiming their disaffection for the Institute may only be half-serious, but the common perception is that MIT can be cold and heartless when it wants to be.

There are two related causes for this feeling of helplessness and isolation. The first is the ease with which one can fall into a rut—going to classes every day and coming home to study every night can be stifling. Professors seem to assume that all their students are capable of doing all the work,

leaving the slightly bewildered student perpetually having to catch-up in any given class. This treadmill effect causes one to lose sight of higher educational and personal goals, or, as one friend put it, to "give up living for a while." Often, students are intimidated by the sheer complexity of the Institute, and convince themselves that the Administration doesn't care whether 8.02 is being lectured poorly.

This feeling of frustration can be overcome by taking the initiative in exploring what MIT has to offer. Unfortunately, such a process takes time and effort, and can often lead to further frustration. MIT's high-pressure atmosphere, then, is also a result

(Please turn to page 5)

Editorials, which are marked as such and printed in a distinctive format, represent the official opinion of *The Tech*. They are written by the Editorial Board, which consists of the chairman, editor-in-chief, managing editor, and news editors.

Columns are usually written by members of *The Tech* staff and represent the opinion of the author only, not necessarily that of the rest of the staff.

Letters to the Editor are written by members of the MIT community and represent the opinion of the writer.

The Tech will attempt to publish all letters received, and will consider columns or stories. All submissions should be typed, preferably triple spaced, on a 57-character line. Unsigned letters will not be printed. Authors' names will be withheld upon request.

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feedback

Requirements make degrees valuable

To the Editor:

I am writing in regard to last Tuesday's letter which opposed all Institute requirements and suggested that students be allowed to select all of their own courses. The opinion of the author was that each student should have the right to decide whether or not to "concentrate on modifying his deficiencies."

There are two faults, as I see it, with the author's reasoning. First of all, while some students would seek out courses to correct their deficiencies, I am sure that the vast majority would avoid such courses. Obviously they would avoid such courses; otherwise there would be no objection to the present requirements.

The second and most important fault is the assertion that students have the right to choose their own curriculum. Certainly everyone has the right to get everything they want out of their undergraduate education. The Institute, however, also has a right

and a duty to its students to ensure a high standard of education.

The worth of an MIT degree to employers and graduate schools is based on the assurance that even its minimum standards are ade-

quate for their needs. Cafeteria-style course selection would destroy this assurance and render the MIT degree, at the very least to the outside world, worthless.

Michael Witt '84

Report sexual assaults

To the Editor:

Last weekend, a man attempted to sexually assault me on the Harvard Bridge. With a little luck and some quick thinking, I managed to escape "unscathed" — as it were. Although I had been very frightened by the incident, I didn't consider it very important, as nothing had really happened.

However, one of my friends convinced me that it is important enough to report to the Campus Police. I was surprised by their sincere understanding and concern. I was also surprised by how seriously they took the incident. They requested that I also call the Metropolitan District Commission (MDC) Police. Again, I was

surprised by the seriousness with which they handled it. They asked me to come in and file a report.

As a result of my little experience, I realized how important it is that any and all such experiences are reported. Any little bit of information is highly needed and appreciated by the police.

I would like to urge anyone who has a similar experience to report it right away — and try to get as many details as possible. Perhaps your time spent in helping the police will save someone else from being molested worse than you were.

Name withheld at writer's request

opinion

MIT has pressure

(Continued from page 4)

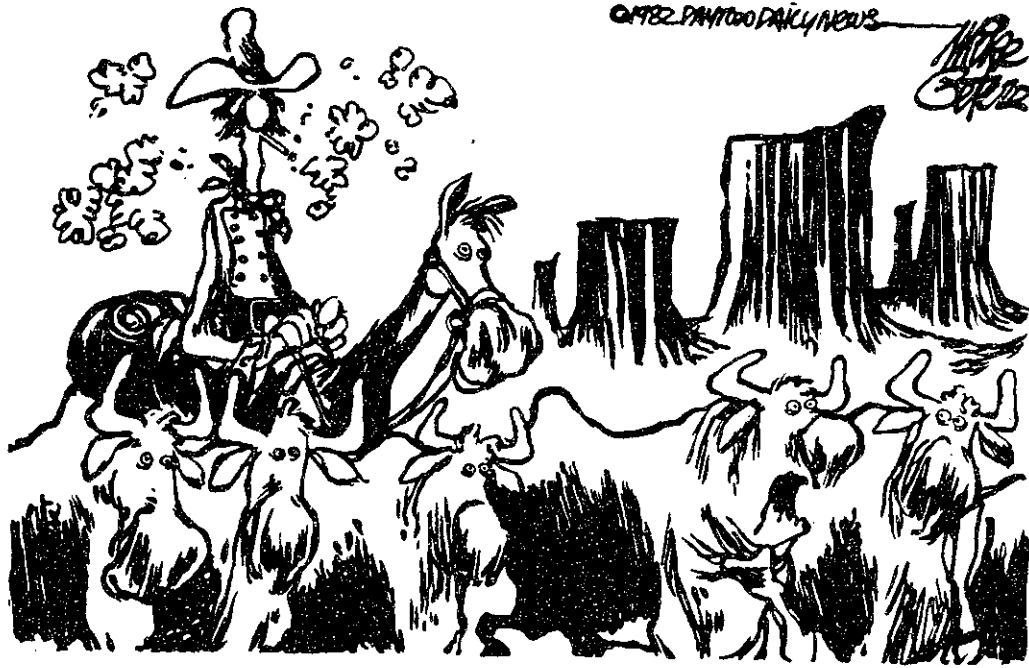
of deficiencies on both MIT's and its students' parts. While more students are aware of the Institute's numerous support groups, including the Undergraduate Academic Support Office, the Student Assistance Services, Nightline, the Psychiatric Services, and the Chaplaincy, there are serious faults in the faculty advising system and a lack of a concerted effort by the Dean for Student Affairs to acquaint students with the inner working of MIT life.

By the same token, students seem to have the attitude that all they want from four years of drudgery is an MIT diploma which will catapult them to riches, fame, and security. I tend not to believe, however, that most students can afford to spend over ten thousand dollars a year to

complain about Commons. If MIT is not the place for them, I would highly encourage these students to take a leave of absence or consider attending another school. MIT is not the place to "find yourself."

About one-fourth of each class decides to leave MIT for a term or longer, and, curiously enough, most return saying they waited too long before leaving. The Medical Department reports that about one-third of each class visits the psychiatry department,

and encourages students to come in just to talk about their problems. These services go to waste unless students realize that there is nothing wrong with taking a term off or talking over problems with a friend. Perhaps the best perspective on MIT life comes from afar.



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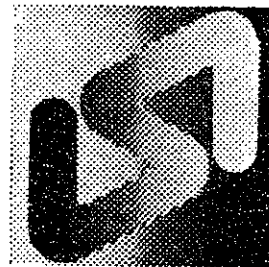
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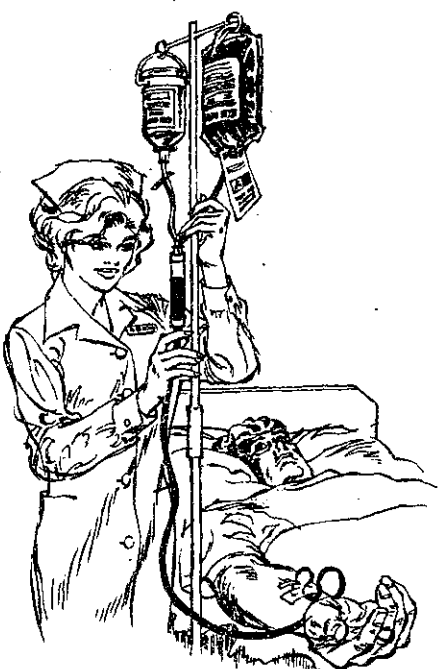
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Rent to fund repairs

By Kenneth Snow

The average room cost for the undergraduate housing system will increase 11 percent from \$888 per term this year to \$986 per term next year, according to H. Eugene Brammer, Director of Housing and Food Services.

8.8 percent of the increase is due to inflation, explained Brammer. The remaining \$103,000 of the rent increase will be deposited in reserve and will help fund maintenance of the dormitories.

The actual increase in operating the housing system was in line with the inflation rate, Brammer noted. He said that the process of deciding a specific dormitory's room rate is based on the cost of operating the entire housing system and not based on the operating expenses of that particular dorm.

Brammer explained that the total income for the housing system is computed assuming no increase. The operating budget for the coming year is then calculated, and the deficit is computed. An average room rent can then be calculated, and the operational costs of the system are thus spread over the entire housing system.

Brammer noted that he is seriously considering a flat dollar increase rather than a percentage increase in the room rent. With a flat fee increase, the differences in cost between dormitories remain approximately the same, whereas under a percentage increase, the differences in price continue to increase. "I tend to narrow this spread," noted Brammer.

The differences in dorm room prices arose from a study conducted 10 to 12 years ago, according to Brammer. The positive and negative aspects of each dormitory were evaluated, and housing costs were set. These differences were reviewed three years ago.

The \$103,000 in the capital reserve will help pay for necessary dormitory repairs, said Brammer. These repairs will be centered around East Campus, Senior House and Baker House. Brammer said that the repairs would not necessarily be immediate, but that the fund will provide the capital so that the repairs could be made in the future.

Brammer said that the Housing Office is investigating the possibility of raising the average price of graduate housing to 90 percent of its fair market value. He noted that by raising the price of on-campus housing, more revenues will be generated which could be used to alleviate the housing problem. Currently two-thirds of the graduate students at MIT live off campus. Brammer said that the capital could be used to "renovate the infirmary, do more with off-campus housing, building, or acquiring off-campus housing."

Graduate students receive a "practical planning guide" on how to meet costs at MIT, according to Dean for Student Affairs Shirley McBay. She added that the proposed increase is "well within the recommendations given in those guidelines."

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— Michael Sragow, ROLLING STONE

THE NEW YORKER:
"PERSONAL BEST is a celebration... a great, lush romantic tune. A very smart and super-subtle movie — sensual and sexual and informative, too. PERSONAL BEST should be one of the best dating movies of all time, because it pares away all traces of self-consciousness."
— Pauline Kael, THE NEW YORKER

NEWSWEEK:
"This is an original movie, full of feeling, fire and thought. It's an image of beauty and concentration, which is what this original, compelling and no doubt controversial film is all about — the beauty of human beings focusing all their energy on excellence. Robert Towne's PERSONAL BEST takes the world of track and field as a microcosm for the ecstasies and pains of self-striving. And it dares, with great delicacy and insight, to show a loving sexual relationship between two young women, not as a statement about homosexuality but as a paradigm of authentic human intimacy."
— Jack Kroll, NEWSWEEK MAGAZINE

L.A. TIMES:
"A sexy, sensual film... the core of Towne's film (is) the joyous physicality of these spectacularly trained women who take real pleasure from their own and others' bodies with no inhibitions... bawdy, quotable, rough and honest. It would seem that both Towne and his remarkable cast share equally a purity of intent."
— Sheila Benson, L.A. TIMES

TIME:
"A film that may finally disarm everyone with its full-frontal naturalness, its unsmirking bawdiness, its obvious liking for athletes as people, and its refusal (most of the time) to poeticize sport. PERSONAL BEST is likable precisely because it is so unembarrassed."
— Richard Schickel, TIME MAGAZINE

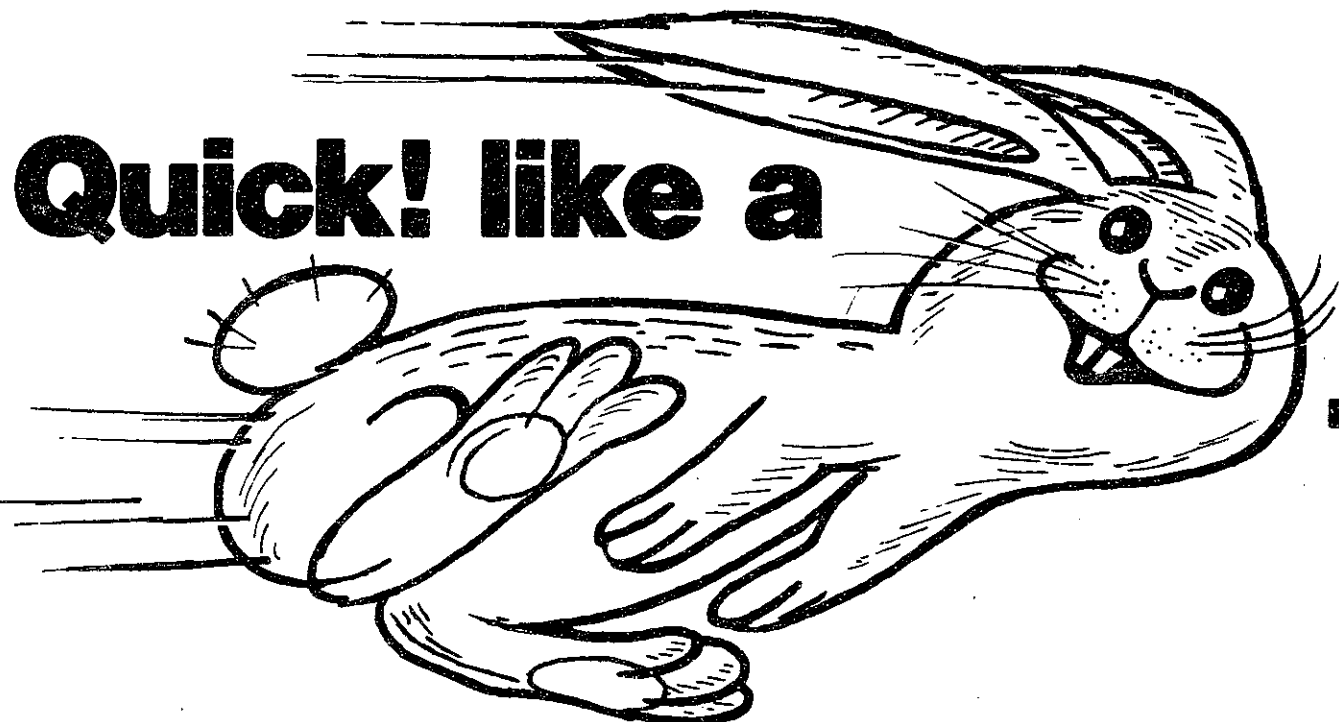
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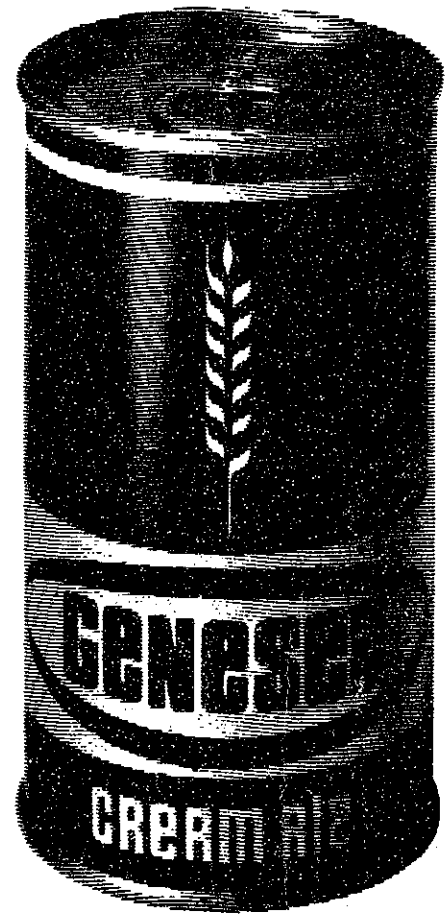
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Vellucci pushes special ed.

By Andrew Robbins

Since the Cambridge City Council unanimously elected Alfred Vellucci as Mayor of Cambridge three weeks ago, he has spoken out against cutbacks in funding for special education, and has cast a deciding vote against defending the city's anti-condominium ordinance.

Proposition 2½ has forced cuts in all school programs, but funds for the special education programs are slated to suffer losses twice as great as general education cuts. Mayor Vellucci described the funding decisions as philosophy, rather than finance, and criticized the Cambridge school superintendent in an open letter "for depriving children of a

right to a proper education."

Although Massachusetts approved Proposition 2½ by over a 2-to-1 margin, Cambridge voted against the bill by nearly the same ratio. The City Council is therefore considering placing a referendum on the next ballot to override the effects of Proposition 2½ in Cambridge.

Vellucci earlier broke a deadlock between city liberals and independents by voting against the hiring of attorneys to defend a part of Cambridge's anti-condominium ordinance. The ordinance blocks the conversion of about 1000 apartments to condominiums, and thus maintains some low cost housing in the

city.

Although Vellucci considers himself an independent, he frequently aligns with the liberals on housing issues. This time, however, he voted with the independents, who favor the conversion of apartments to condominiums. This shift in voting is not indicative of a change in attitudes, however, because the mayor is arranging an overhaul of the rent control administration, in an effort to make it operate more efficiently.

Every two years, the nine-member Cambridge City Council elects a mayor from its ranks. The mayor has few special privileges, but will often act as a spokesman for the Council.

Queen issue put to students

(Continued from page 2)

a female queen and male king; UMOG as the queen; or no queen at all.

"There are an awful lot of people who thought the last election was pretty bogus," said Steve Barbar '84, who chaired the GA committee that wrote the referendum proposal. "The voting rules were very vague," at last fall's Homecoming Queen referendum, he declared. The students in Lobby 10 who collected the ballots

were in favor of having a homecoming queen, he claimed.

"I think it [the referendum] is a good idea," said Skip Butler '82, Social Council Chairman. He said two-thirds of the students who voted in last semester's referendum wanted to try holding a Homecoming Queen election. More students should vote in the general election, noted Butler.

The referendum will be decided by a preferential ballot system. Voters will select among the four

options in order of preference. If no system wins the referendum by a simple majority of first-choice votes, the low recipient will be eliminated and its votes distributed to the other options according to its second choice votes. If no winner is found, then the process will continue by eliminating the next-lowest recipient of votes.

notes

Lectures

Tunes and Tales is the title of Alexander Demas's program of tunes, anecdotes and songs relating to the history of Lowell and the mill era. The program is on March 16, at 8:15, at the Blacksmith House, 56 Brattle St. Admission is one dollar.

Are Children of Divorce Different? Eric Rofes will examine this question Wednesday, March 17 at 8pm. Admission is free at 3 Church Street, Harvard Square.

* * * *

James Cheek and John McAward will discuss **Father-Daughter Incest** Wednesday, March 31 at 8pm. The forum will be at 3 Church Street, Harvard Square. Admission is free.

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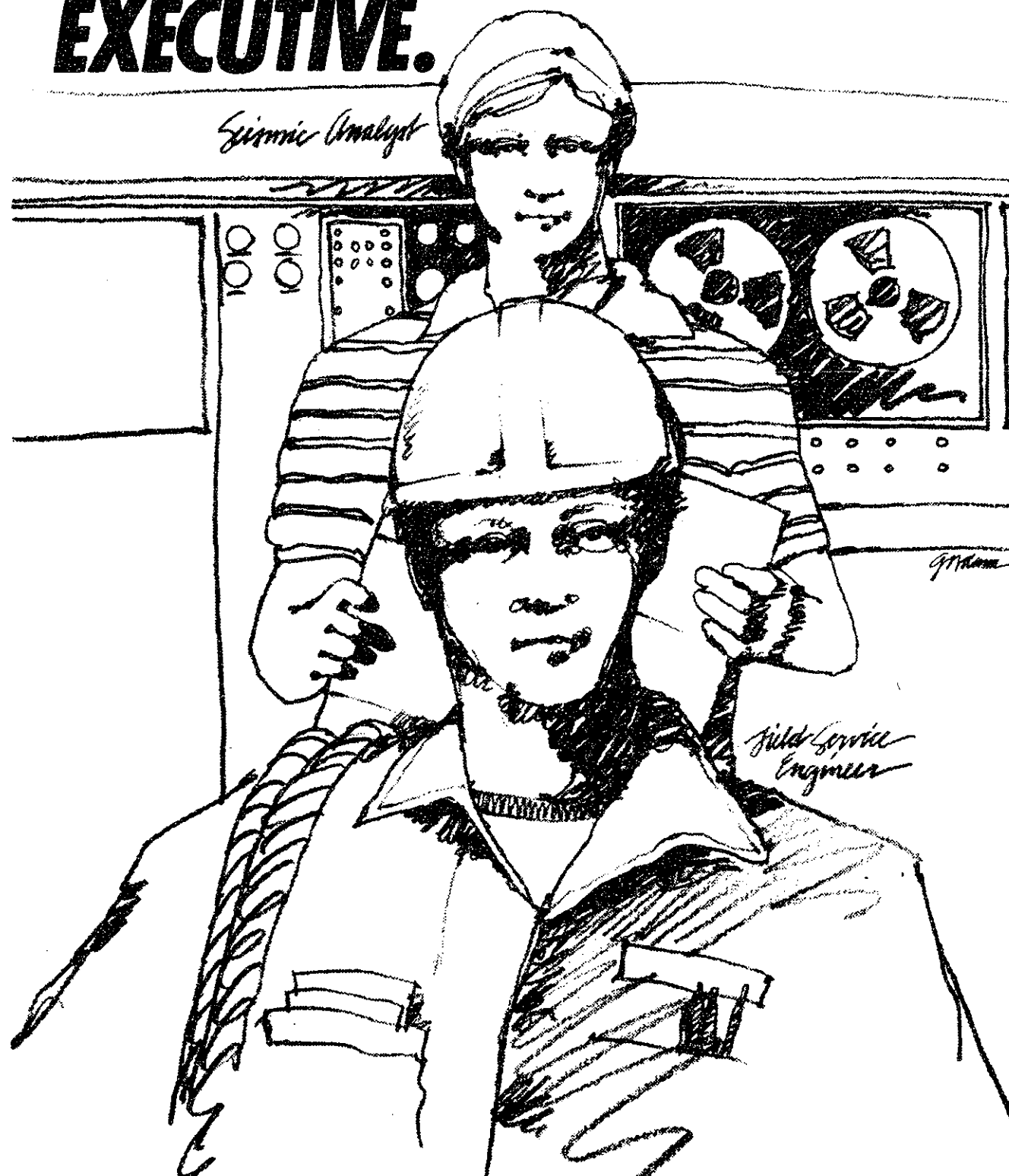
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arts

instants '82



A few years ago the Polaroid corporation put out a book "defending" the Polaroid photograph's claims to artistic legitimacy. Since it was one of the nicest photographic books I'd ever seen, and quite a spectacular rebuttal to criticism of the Polaroid form, I was anxious to see the exhibit now running at the Polaroid Clarence Kennedy Gallery (in MIT's backyard, at 770 Massachusetts Avenue, open 11:30 am to 5:30 pm Tuesday through Saturday).

While the Kennedy Gallery always has good exhibits of all kinds of photography, this one is special — the 7th Annual Employee Photographic Exhibit. The Polaroid Corporation opens competition to employees at all levels and stages a yearly show. This year over 1,000 pictures were entered, and a panel of judges ranging from Pulitzer-prize winning photographer Stanley Forman to MFA curator Cliff Ackley chose the 100 pictures finally exhibited.

The pictures range from technically sophisticated to very informal snapshots, reflecting the diverse, internationally-based entrants. Employees used everything from the SX-70 to the 660 Sun camera to the complex photomicroscopy system to produce everything from landscapes to technical photos. Although there are a number of the usual girlfriend/kids/family dog pictures, I was impressed with the quality and variety (seen in the sampling here) of this very manageable showing. In only a few works is the content itself surprising — such as John Bowman's shadowy, dusty image of the Hall of Mirrors at Versailles Palace. In most, it is the composition, the use of light, and the creative use of rather platitudinous subject matter that accounts for the picture's success. Good examples are Joan Baron's photograph of a block of cake and a glass of Coke — a picture with a true pop art feeling — and David Franklin's set of photos of a cadmium blue sky and sharp clouds through Venetian blinds, which suggests no less an inspiration than Magritte.

Even some of the portraiture rises above the family album level: Leonard Borges' photo of a disheveled child holding an apple glows with the warmth of a Dutch Master's portrait, and the two boys washing a gleaming red sports car are a subject studied with appropriate objectivity by Jeff Denessen.

The technical aspects of some of the works are also fine, notably Vern McClish's enlargement of a stippled, textured swamp and Ed Luna's deep-hued, twilight picture of a church steeple.

You might spend an enjoyable half hour at the Kennedy Gallery between now and April 9; after that, this surprising exhibit will go on a deserved national tour. Act now.

Sheena

das boot (the boat)

Das Boot, a Wolfgang Petersen film, based on the novel by Lothar-Gunther Buchheim; a Columbia Pictures release, now showing at the Sack Beacon Hill.

Das Boot is an antiwar film brought to you by the people who brought you WW II. Its message is very clear: people get killed, and besides, the food isn't very good.

In *Das Boot*, we see through the eyes of a German journalist stationed on board a U-boat (German submarine) to produce propaganda complete with photos for the folks back home. This point of view enables us to see all parts of the ship, and to hear confessions of fear or love that the crewmen would not confide in each other.

The film takes place almost entirely on board the sub, covering the time span of a run on the North Atlantic — a search-and-destroy mission in one of the worst climes for sailing anywhere. There are long periods of boredom interspersed with short bursts of terror.

The men, like the boat, tend to come apart under pressure. They are not the supernien we feared, nor do they all have undying faith in what they are fighting for. The older men, in particular, seem to have an ironic or even sardonic attitude toward leadership.

We follow the men in this movie, but the

true star is in reality the boat itself. This reconstruction of a WW II U-boat is stunningly realistic in every detail (made from the plans found at the Museum of Science and Industry in Chicago). It was the first generation of submarine, and still imperfect. At the most tension-filled moments, the boat is forced deep under water, and the whole crew watches the boat go far below recommended levels. The rivets start to pop and the whole structure threatens to collapse from the water pressure, but if it does, they will suffer a certain death.

In a note at the beginning of the film, we are told that 30,000 of the 40,000 men assigned to U-boat missions died. This fact, and our look at the men's horrible conditions (one bathroom for all the men, three men in rotation for each bed), show us in microscopic detail and meaninglessness and stupidity of modern warfare.

Das Boot is different from other war films in the perfect detailed realism of equipment and conditions, and in the fact that since we are seeing the German side of the war, we are forced away from our stereotypical responses of wanting the good guys to win. War has no good guys. War is being trapped 800 feet beneath the sea in a watery grave. War is hell.

Howard Ostar



Post head will speak at MIT

(Continued from page 1)

According to Wiesner, Graham "had been invited last year by Dr. Gray, but she couldn't make it; she had to be in Europe."

"We'll want to wait and see how this goes," commented Gray,

but he indicated it likely that "we'll go outside, if not every year, frequently," for a commencement speaker.

Graham could not be reached for comment.

MIT's last outside commencement speaker was Eugene R. Black, former president of the International Bank for Reconstruction and Development, in 1963.

notes

Off Campus

Avenue, Boston 02115, 536-1081 (leave message).

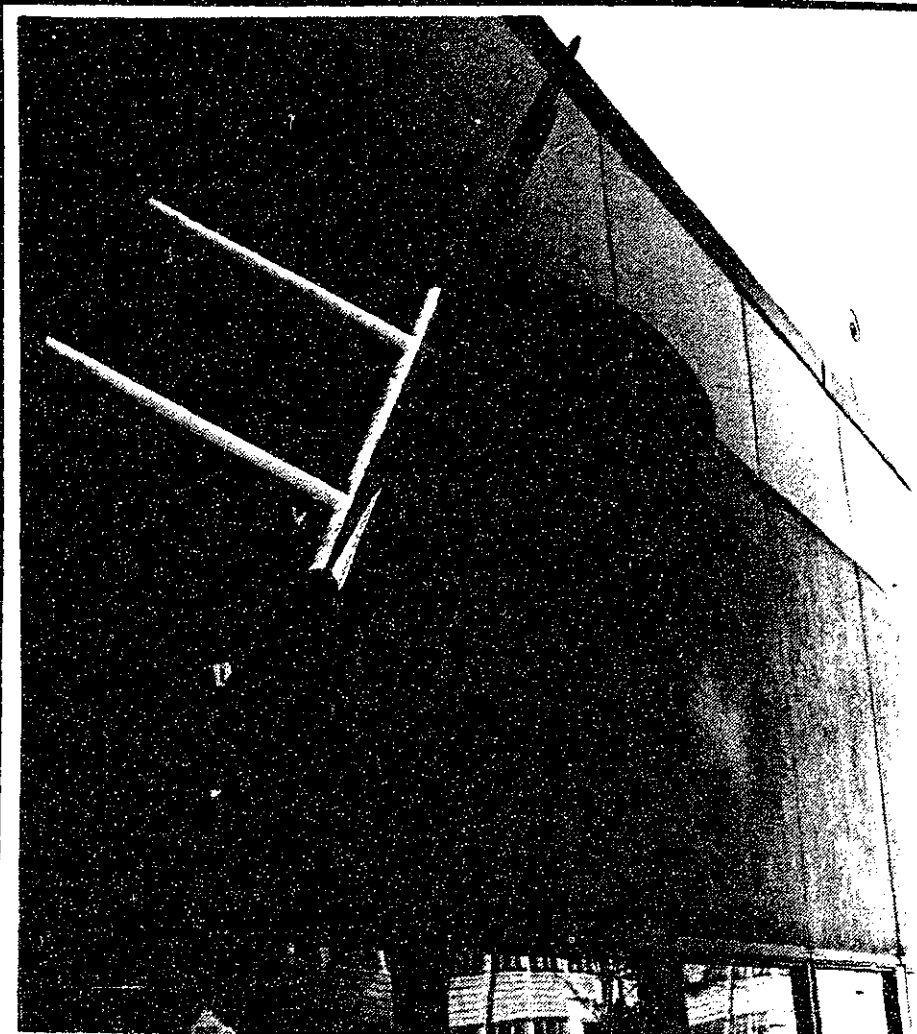
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The 7th Annual Latin American Conference will be held at Brandeis University on the weekend of March 12, 1982. The conference is open to all the community and is free of charge. A small donation for the dinner would be appreciated. For further information contact Maureen Madrid and Frances Araiza 891-6987, Ricardo Guarnero 623-5748, or Information Desk at Brandeis 647-2000.

* * * *

On Sunday, April 25, 1982, the March of Dimes will conduct **Walk-America** to help raise funds for the fight against birth defects. In the Greater Boston area, seven 30 kilometer routes are scheduled. For info call 329-1360.

A symposium on **Northern Ireland** will take place at the Kennedy Library on the evening of March 18 and all day March 19. The program will look at the changes in Northern Ireland since the civil rights campaign of 1968. It will focus on economic and social problems existing throughout Ireland and those peculiar to the North. Current efforts at community and economic reconciliation will be examined. Registration is necessary, and a limited number of seats will be available. For further program information and registration material, call the Kennedy Library at 929-4535.



Tech Photo by Andrew Wold

A series of sculptured butterflies, created by artist Gary Wiley and sculpture fabricator Bob Wolcott, has been installed on Building 45.

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March 1, 1982

COOP NOMINATIONS

In accordance with Article VI, Section 1, of the Bylaws of the Harvard Cooperative Society, as amended, the Stockholders of the Society have nominated the following individuals for election as Student Directors of the Society at the next Annual Meeting of the Stockholders in September, 1982.

IMPORTANT — Members seeking nomination as student directors by petition should obtain petition forms and a detailed statement of the requirements governing petitions from the cashier in any Coop store.

STUDENT DIRECTORS

Harvard and Radcliffe College

David Bishai	Class of '83
Tina Maria Bougas	Class of '83
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Warren W. Schlichting	Class of '83

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*Lawrence E. Golub	Class of '84

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Gordon B. Hunter	Class of '83
Frederick Jon Ruvkun	Class of '83

* Currently members of the board

PROCEDURE FOR MAKING ADDITIONAL NOMINATIONS FOR STUDENT DIRECTORS

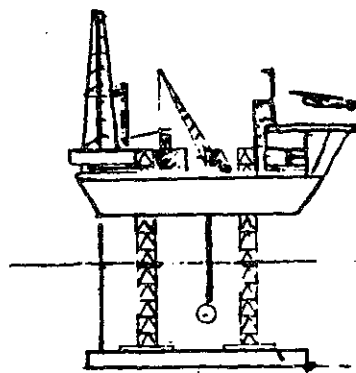
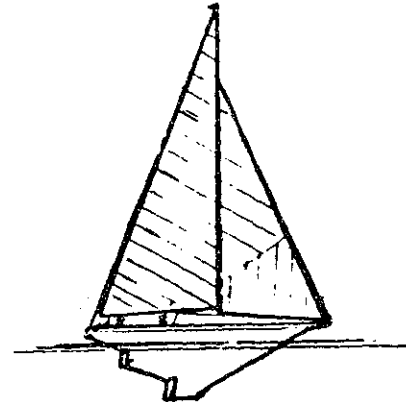
Pursuant to Article VI, Section 2, of the Society's Bylaws, as amended, additional nominations for student directors may be made by petition signed by at least one hundred (100) student members and filed with the Clerk (by leaving the petition at the General Manager's office in the Harvard Square Store) not later than 5 p.m., March 19, 1982. A signature will be invalid unless the student designates his or her membership number and school, and he or she is currently enrolled as a degree candidate in that school.

IF A STUDENT MEMBER SIGNS MORE THAN ONE PETITION, HIS OR HER SIGNATURE ON EACH PETITION WILL BE DISREGARDED.

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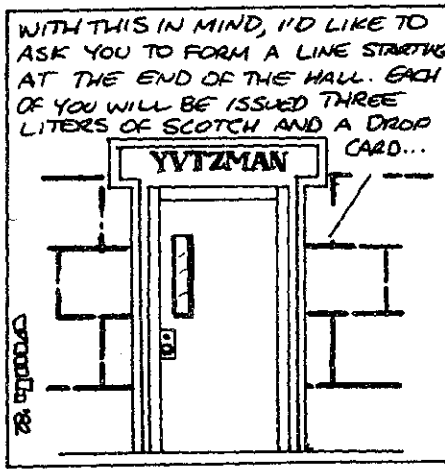
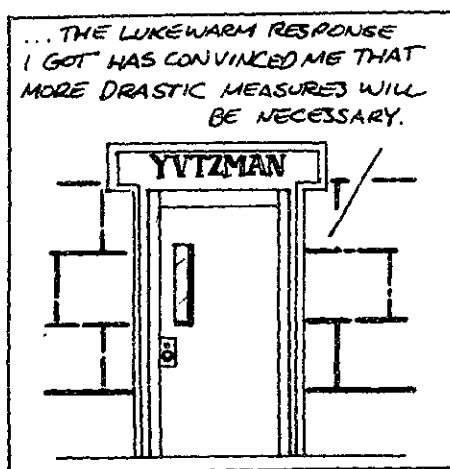
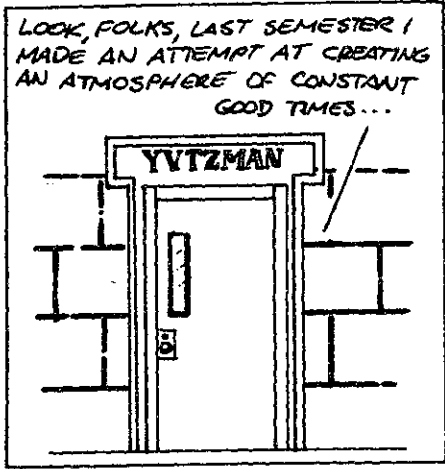
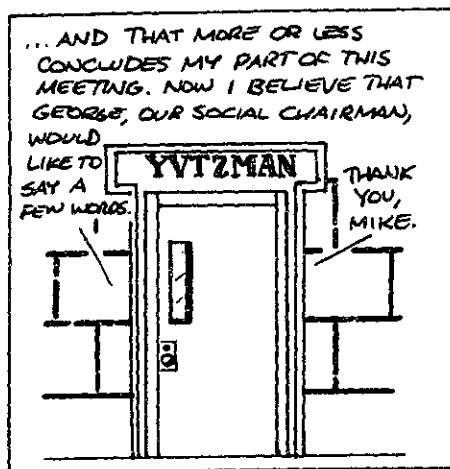
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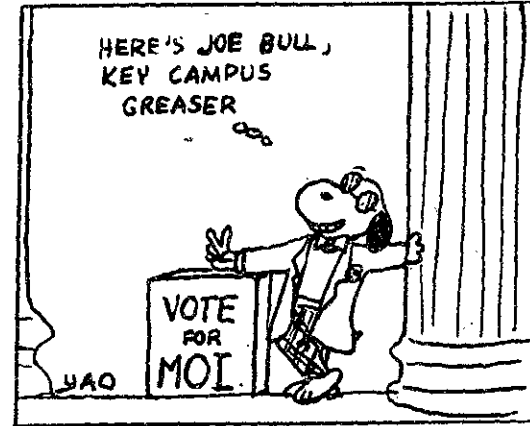
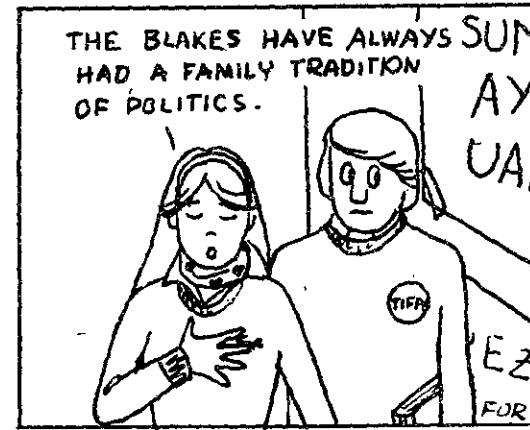
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Outside Looking In By V. Michael Bove



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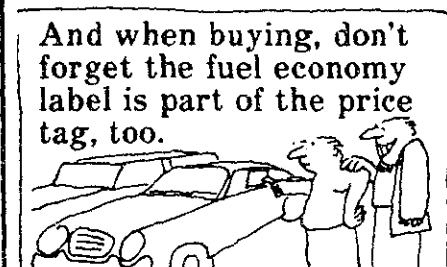
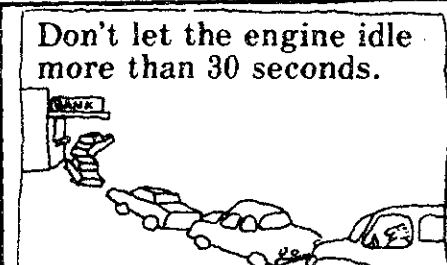
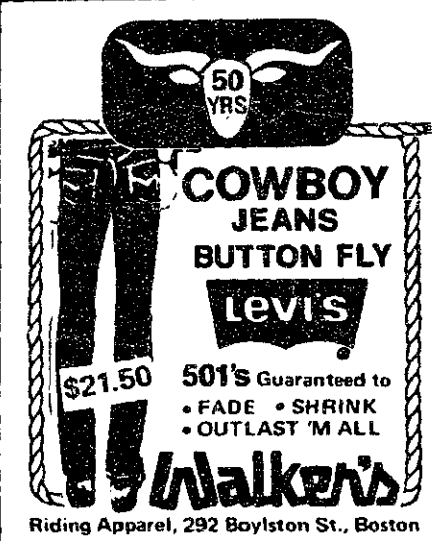
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2. "From the best figures available to me I would suspect that nearer 20 million Americans today could be spared suffering and be returned to normal pain-free life were manipulation therapy as readily available to them as empirical non-specific drug treatment is."

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3. "The Commission has found it established beyond any reasonable degree of doubt that chiropractors have a more thorough training in spinal mechanics and spinal manual therapy than any other health professional."

Report, Royal Commission
to Study Chiropractic in
New Zealand. (October 1979).

4. "Career Prospects are bright. With 23,000 chiropractors already practicing, the Health and Human Services Study predicts that the 10,000 to 13,000 people who enter the field during the next five years will be easily absorbed."

"The study portrays the average chiropractic doctor as a white male in solo practice working in a small town in the Midwest or California and grossing approximately \$63,400 per year. With the new public attitudes and an interest within the field in recruiting minorities and women, this profile soon may be obsolete."

Joyce Lain Kennedy
Job Mart,
Chicago Sun-Times,
November 24, 1980.

5. "It is hoped that the new AMA provision will help to improve the public's conception of chiropractic and improve the utilization of its services with respect to the treatment of muscle, bone, joint and related conditions."

Lowell Steen, M.D.
Chairman, Board of Trustees,
American Medical Association
The Arizona Republic
August 3, 1980.

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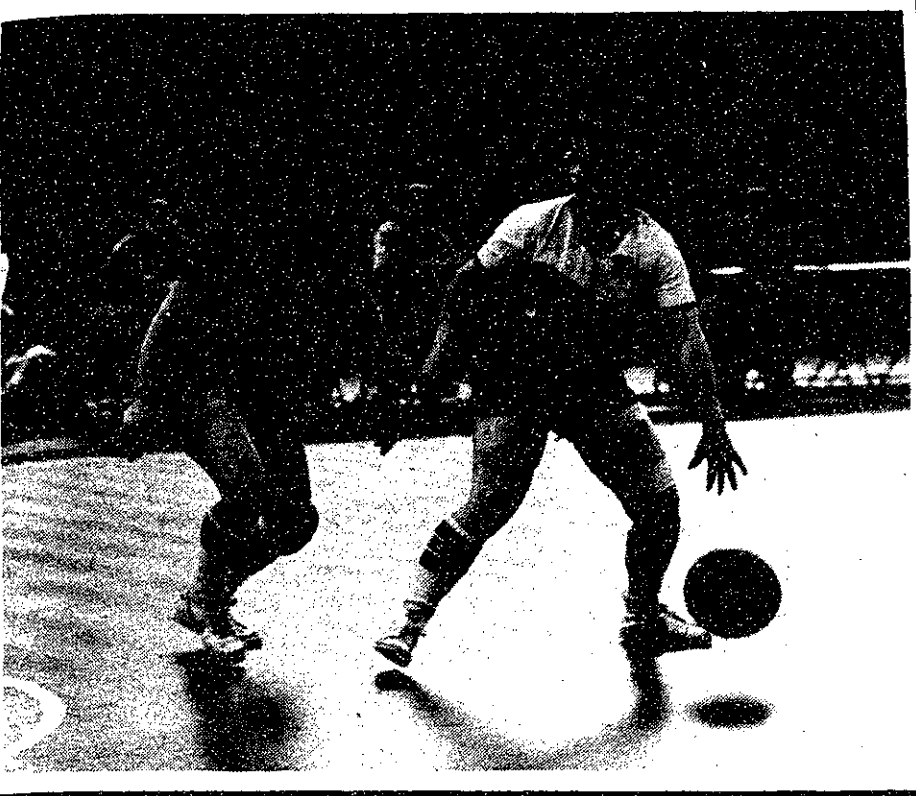
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sports update

Pistol — MIT won the Collegiate Sectional Feb. 27 capturing eight of nine medals in the process. Joseph Mayo '83 took top honors in free pistol (519 out of 600) with teammates Jon Williams '83 and Larry Deschaine '84 second and third, respectively. In standard pistol, Spencer Webb '83 was second with Mayo third. In air pistol, Deschaine was first (372 out of 400) followed by Mayo and Duncan Hughes '83. After a match at Army Mar. 13, coach Pasquale Melaragno's team will compete in the nationals at Navy Mar. 20-21.

Rifle — The Engineers finished third in the Collegiate Sectionals (behind Dartmouth and Maine-Orono) held at Norwich Feb. 21, and placed fourth among seven teams in the New England College League this season. Cliff Eskey '85 had the league's top average (559.5 out of 600) while Greg Buliavac '83 was fifth (533.7). At the sectionals, Eskey was first in rifle (1129 out of 1200) and air rifle (377 out of 400) while Buliavac was second and third, respectively, in both events. MIT was 14-19 overall (8-10 league) this season.

Fencing — At last weekend's fencing competition, the men's

squad accomplished something never done before in the team's history at MIT, according to coach Eric Sollee. Each team member won a trophy.

Swimming — John Schmitz '83 will go to the University of Rhode Island this weekend to defend his title in the 400-yard individual medley in the new England Championships. Schmitz, a native of San Rafael, California, has won the title the past two years.

Correction — Paul Neves' winning time in the 100-yard run was incorrectly stated at 2:03.3. It should have read 2:08.3. Also, MIT finished 11th in the meet, not 12th.

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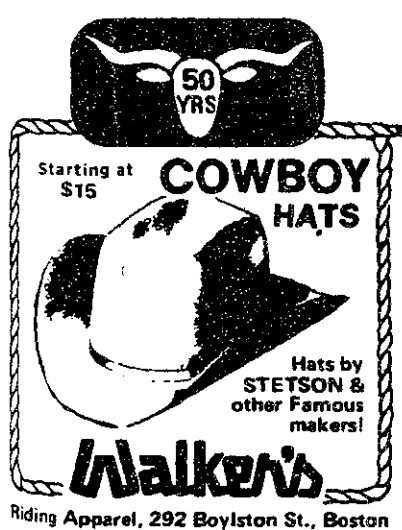
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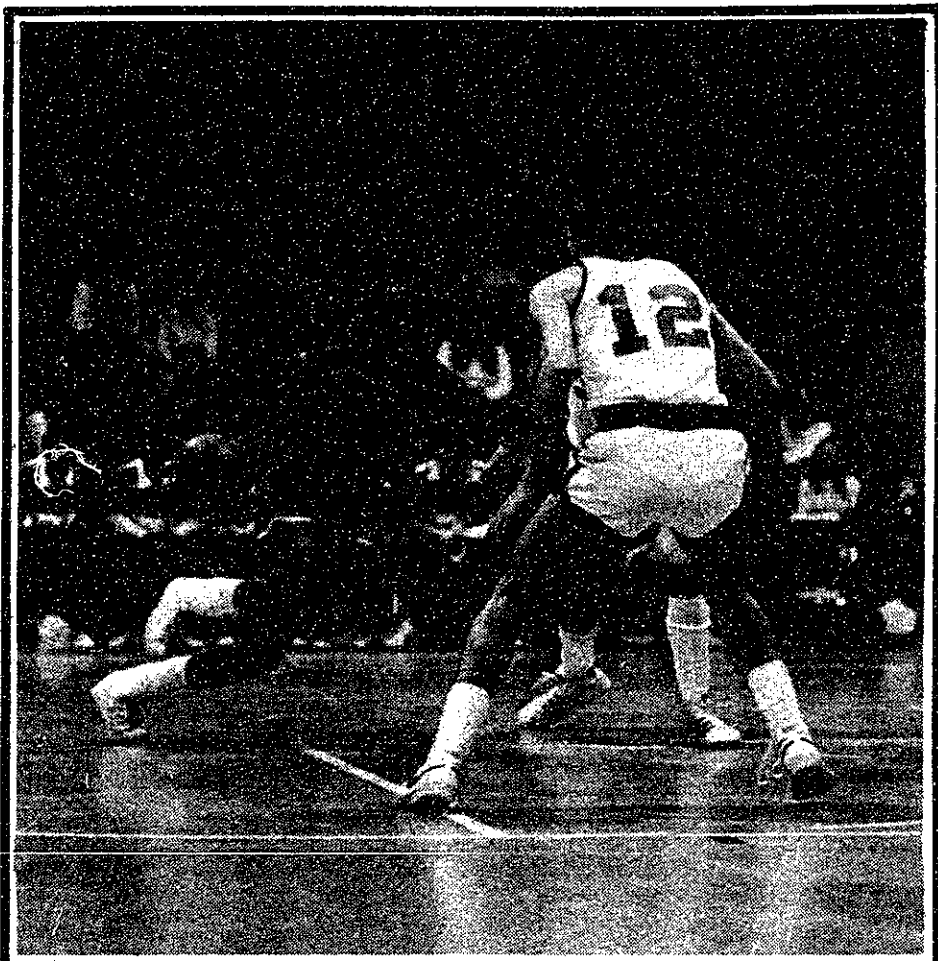
Video Game Training Tape

MIT film/video section is seeking master video game players. If you are an expert at a video game, and would like to be involved in a documentary, please contact Ruth Ballinger at 776-9086.



sports

scoreboard



Track sets sights on IC4Af

By Eric Fleming

One of the top performers to watch this weekend at the IC4A indoor track championships at Princeton University will be MIT junior all-American Paul Neves of Brockton, MA. Neves will compete in the 800-meter race. He finished sixth in the event last year.

Last Sunday at the New England championships held at Boston University, Neves won the 1000-yard run for the second straight year in 2:08.3 (third fastest collegiate time this season). On Feb. 20, Neves cap-

tured both the 800 (third consecutive year) and 1500-meter runs, and anchored the winning 3200-meter relay team in the final event as MIT won the New England Division 3 championships for the second straight year by one point over Tufts University (104-103).

Neves became MIT's first indoor track all-American last year when he finished sixth in the 1000-yard run at the NCAA Championships in Detroit. He will compete in the 1982 meet at the Silverdome in Pontiac, Mich. later this month.



All-American Paul Neves '83 will be competing this weekend in Princeton at the Indoor Track Championships.

Note: Sports listed are basketball, fencing, gymnastics, and hockey only.

Men's Basketball (7-17)

Poly Institute of N.Y. W 72-37
Babson L 66-70
Tufts L 55-80
Brandeis L 55-71
Trinity L 46-60
Yeshiva W 83-64
New Jersey Tech L 53-73
Illinois Tech L 73-98
Thomas, Me. L 55-76
Bates L 74-76 OT
Harvard L 47-68
New England College L 61-66
Bowdoin W 52-50
Wesleyan L 54-76
Coast Guard W 46-44
Curry L 69-77 OT
Amherst L 65-78
Nichols W 79-60
Univ. New England W 83-58
Gordon L 53-54
Suffolk W 66-61
Clark L 56-73
WPI L 66-81
Connecticut College L 57-67

Women's Basketball (5-17)

Regis W 50-43
Wesleyan L 42-55
Colby-Sawyer L 41-45
Gordon L 27-77
Bates L 27-48
UMass-Boston L 24-60
Endicott W 54-30
Amherst L 46-48
Mt. Holyoke L 47-58
Suffolk L 38-61
Connecticut College L 43-60
Boston State L 38-72
Anna Marie L 45-56
Pine Manor W 48-37
Rollins, Fl. L 46-81
Wellesley L 44-54
Wheaton L 43-61
Nichols W 67-64 OT
Wellesley W 61-58
Brandeis L 36-50
Trinity L 52-77
Babson L 45-69

Men's Fencing (9-5)

Harvard L 10-17
SUNY Purchase W 15-12
Holy Cross W 20-7
Princeton L 9-18
New York University W 22-5
Stevens Tech W 17-10
Lafayette W 20-7
Brandeis W 22-5
Columbia L 9-18
Penn L 13-14
St. John's W 22-5
North Carolina L 11-16
Brown W 18-9
Southeastern Mass. W 17-10
1st, New England Championships

Women's Fencing (7-7)

Harvard L 4-12
Rhode Island College W 11-5
Holy Cross W 14-2
St. John's L 6-10
Wellesley L 6-10
Stevens Tech L 7-9
Montclair State W 13-3
William Patterson L 5-11
Brandeis W 10-6
Penn L 1-15
North Carolina L 4-12
Brown W 12-4
Southeastern Mass. W 12-4
Farleigh-Dickinson W 9-7

Men's Gymnastics (8-2)

Northeastern W 153.55-105.55
Harvard W 153.55-72.15
Dartmouth W 183.55-177.25
Yale W 164.85-136.95
Coast Guard W 166.55-150.75
Vermont W 156.55-125.30
Lowell L 162.60-188.30
UMass-Amherst L 209.50-250.75
Northeastern W 180.40-145.65
Boston University W 180.40-141.75

Women's Gymnastics (4-7)

Dartmouth L 83.10-95.00
Bridgewater State L 80.60-86.50
Coast Guard W 74.05-67.10
Westfield State L 74.05-81.65
Rhode Island College L 86.55-110.60
Maine-Farmington W 86.55-68.70
Smith W 84.75-68.05
Salem State L 90.95-102.70
Albany State L 79.70-100.10
Connecticut College L 79.70-115.30

Men's Club Ice Hockey (12-4)

Plymouth State W 7-5
Assumption L 5-12
Tufts W 3-1
Quinnipiac W 10-5
Wagner L 5-6 OT
Gordon L 6-9
Tufts W 9-4
Stonehill L 5-9
Curry W 8-4
Clark W 9-3
Quinnipiac W 13-5
Suffolk W 9-0
Connecticut College W 9-7
WPI W 7-2
Nichols W 5-2
Rochester W 5-2

Basketball, Hockey and Women's Gymnastics have completed their seasons.

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