

## Tuition up 19% Twelfth consecutive raise is highest one ever

By Richard Salz

Next year's tuition will be \$7,400, an increase of \$1,200 over this year's \$6,200 fee. This twelfth consecutive raise sets a new record for increases, with a 19 percent hike over the current figure.

The decision was made by the Executive Committee of the MIT Corporation, based on a recommendation supplied by the Academic Council, and was announced yesterday by President Paul Gray '54. The student equity level and room and board fees have not yet been set.

The major reason for the large increase was the need to raise the salaries of Assistant Professors. Gray admitted that while it was impossible to make the salaries for such entry-level positions competitive with industry, MIT has fallen behind in the rates paid by some universities comparable to the Institute.

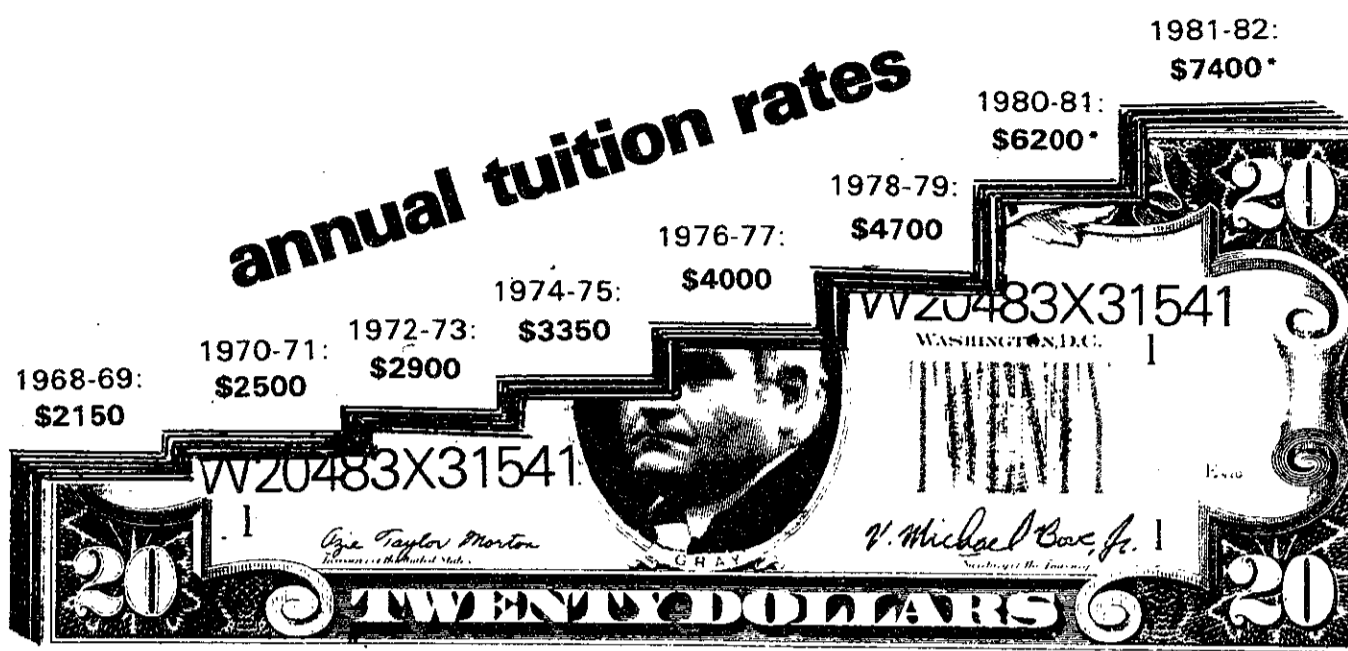
The average salary for an Assistant Professor at Harvard University last year was \$20,800, according to a survey done by the American Association of University Professors (AAUP). The average for all Universities, the largest-sized classification within the AAUP, was \$16,100. The average salary for an MIT Assistant Professor, according to the survey, was \$21,900.

This year's average salary for a Harvard Assistant Professor was \$21,005, according to Eric Kurtz of the Analytic Studies department in the Financial Administration Office at Harvard. Kurtz noted that this did not include Medical School faculty. This

year's figures for MIT could not be obtained by press time.

Another major cause of the large jump was the expected cut in money available from the federal loan program, noted Gray. As federal sources dry up and students turn to MIT for aid, the Institute is going to have to increase its funding for student loans.

MIT spent about \$1.5 million from its unrestricted funds this (Please turn to page 2)



\*includes mandatory health fee

## Coop employees seek to unionize

By Ivan Fong

"A substantial majority" of Harvard Cooperative Society employees have signed union authorization cards in support of a petition to be considered at a hearing on Thursday, February 12. The National Labor Relations Board (NLRB) will decide on the

procedures to be used in the vote to determine whether the employees will unionize.

On January 23, a petition was filed with the NLRB by Local 1445 of the United Food and Commercial Workers' Union (UFCW) to seek "an election to determine whether or not [Coop]

employees wish to be represented for collective bargaining purposes by this union," according to Coop General Manager James Argeros in a press release last week.

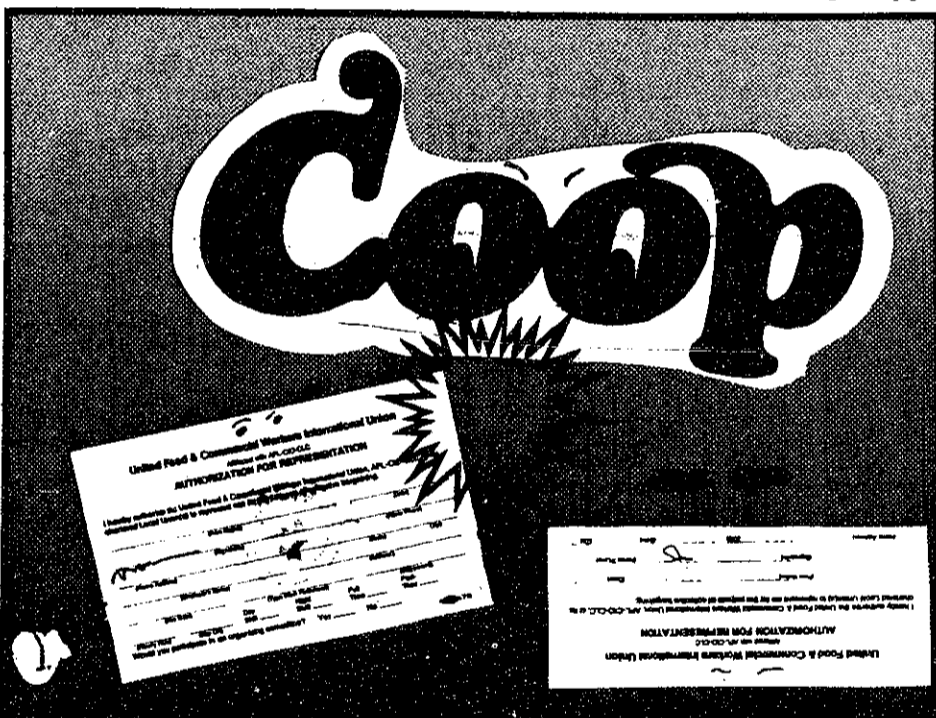
Joshua Kratka, a Coop salesman active in the unionization effort, said support was increasing but would not disclose the exact fraction of the approximately 525 employees at the six Coop locations who support the proposal.

Mark Weinberger, a Tech Coop employee, cited understaffing, low wages, and the need for a grievance procedure as reasons for the movement which started

last September and gained momentum during January. Weinberger and Kra both noted that employees at the Tech Coop are "well-organized and show very strong support for union representation."

Argeros and Tech Coop General Manager Dan Lunt declined to comment on the hearing, although in a letter to all Coop employees, Argeros stated "the Coop is cooperating with the NLRB in processing [the] petition," and "[employees] will decide that Coop employees do not need outside representatives."

"The [Coop] management is (Please turn to page 2)



## LSC requested to can X-rated films

By Jack Link

In a letter to Lecture Series Committee (LSC) chairman Lucinda Linde '82, the Advisory Committee for Women Students' Interests (ACWSI) has asked LSC to stop showing X-rated movies.

The letter is a result of the closed ACWSI meeting held last Tuesday. ACWSI added a discussion of LSC's registration day tradition of running X-rated movies to the agenda.

"We're not trying to force anybody to do anything," said Professor Mildred Dresselhaus, ACWSI chairman. "The committee simply appeals to LSC to stop showing the movies, based on the complaints some committee members have received. We're an advisory group, and that's our advice."

When asked what further action ACWSI might take if LSC continued the registration day tradition, Dresselhaus responded, "Since I'm sure LSC will agree to stop showing the movies, I can't think what other

action would be necessary."

High sources in LSC's Excomm, however, doubted that LSC would make any change in policy regarding the movies themselves.

The letter mentions the complaints which have been made about both the posters and films, and notes that the films might raise legal complications for MIT. Dresselhaus consulted with legal authorities about the issue. She said she was informed that, "as a practical matter, problems would arise only if someone complained to the Massachusetts Attorney General."

Associate Dean Holliday Heine, an ACWSI member, said "We're not trying to legislate any change of policy. ACWSI is trying to encourage its viewpoint, but its view does not have to be followed."

Heine personally objects to the showing of X-rated movies on campus "because they are degrading. If they are shown with (Please turn to page 11)

## Commons point figures given

By Laura Farhie

Approximately seventeen percent of the freshmen on mandatory commons lost an average of \$47.69 because they did not finish their meal plan requirements last term, according to the Program Coordinator of Dining and Residence Programs, Anita Walton.

One-third of the women did not meet their meal requirements while roughly one-tenth of the men did not meet similar requirements. Walton attributed this large difference to the fact that "women have different eating

patterns; they eat less heavily." She also stated that "mandatory commons is a bigger change for women."

"I don't think it has to do with male or female, but the particular person," stated the Associate Director of Housing and Food Services, George Hartwell. He added that there might be an investigation into the situation but that they "have not had time to analyze it."

"Most of them (the leftover balances) fell between \$0 and \$100," said Hartwell. Of the 76

freshmen who did not meet their meal plan requirements, 26 freshmen were under \$20, 50 were under \$50, seven were over \$100, and two were over \$200.

The houses that had the highest percentages of freshmen with leftover balances were Baker and McCormick. In Baker House, roughly fifty percent of the females did not meet their requirements, and in McCormick approximately thirty-eight percent of the women did not finish their meal plans. However, Hartwell points out that in East Campus only three females and six males did not meet their consumption requirements. Also, about ninety percent of the freshman in MacGregor finished their meal plans.

"I don't think it's fair to look on the low side without looking on the high side," stressed Hartwell. He explained that twelve women in McCormick were on the "460" plan and four women were on the "560" plan. Furthermore, he added, fifteen MacGregor men were on the "460" plan, sixteen were on the "560" plan, and of those sixteen, two ran over their credit.

"I think a lot of people are satisfied," declared Walton. "82 percent of the students are happy with their meal plans."



## inside

President Reagan decontrols oil prices — How are MIT and the US affected? Page 5.

\* \* \* \*

Harvard University has established a new affirmative action plan to improve race relations and criticism from third world students. Page 2.

Professor Frank Press, President of NAS, speaks on controversies regarding recent NAS reports. Page 6.

\* \* \* \*

In Arts: Costello back to back with Bach, and Anton Chekov lurches in the darkness. Bash right into it... Pages 8 & 9.

## Harvard introduces new minority plan

By Rose Marie Damiano

Harvard University released a new affirmative action plan last week, up-dating an eight year old program designed to increase representation of women and minorities on Harvard's faculty and staff.

Earlier this month, a related proposal by a faculty-student committee was released recommending a "Harvard Foundation" be created to improve race relations at the University. The proposal, the result of nine months of study, received severe criticism from various undergraduates who last spring demanded the creation of a Third World Center to meet the needs of the University's third world students.

The third world group contends that better relations was not the reason for their original proposal. The faculty-student

committee refused to use the term "Third World Center" as originally requested, wishing to avoid comparisons with other schools which have such organizations. Third World Centers have been established at Boston University, Brown, Cornell, Princeton, Stanford and Yale. After researching these groups, the committee found them to be "isolationist" or "separatist." It was decided that such an organization would create "further separatism of the races."

The major purpose of the proposed foundation is to "expand those opportunities for social interaction" between majority and minority members of the Harvard community so that "stereotypes are overcome and the socialization process advances."

(please turn to page 11)

## Coop employees petition

(Continued from page 1)

against the unionization effort because it would result in a lower turnover rate and high wages for the employees," claimed William McDonough, a representative of Local 1445. McDonough further claimed that the Coop can afford the wage increases from non-member profits, and that unionization will not be a factor in the cooperative status of the Harvard Coop.

Kratka and McDonough also mentioned recent across-the-board pay increases for Harvard Coop employees, which they say "may be an attempt to appease the workers," although the management claims the raises were "long-planned." Employees at the Tech Coop have not received word of any similar action to increase their paychecks, according to Weinberger.

A 1972 attempt by the UFCW to request union representation failed. Kratka placed the blame on "management stalling tactics." The hearing date has already been moved from Tuesday to Thursday because the Coop has changed law firms.

The hearing will determine voter eligibility, and later negotiations with management will produce a union contract which will be voted on by secret ballot. Weinberger and other Coop

employees were distributing union handbills last Friday in the Student Center Coop Lobby, but were asked to leave by Campus Patrol. According to Manager of Labor Relations James Fandel of the MIT Personnel Office, the lobby is considered private property, so the distribution of leaflets is prohibited.

## Tuition increased

(Continued from page 1)

year for student aid. Next year this number will be increased to \$2.7 million. "We don't have enough endowment for financial aid," noted Vice-President Constantine B. Simonides.

Other local colleges have recently announced their tuition levels for next year. Harvard is raising tuition \$930, or 15.5 percent, to \$6930. Boston University will be up \$785 to \$6,400, and Brown is jumping up \$1,010 to \$7,510.

Members of the Academic Council will be in the Mezzanine Lounge tomorrow from 3 to 4pm to meet with students and discuss the tuition raise, according to Dean for Student Affairs Shirley McBay. Some other administrators will also be present.

## MARCH 4

On March 4, 1969, while the United States was becoming increasingly involved in the Indochina War, many hundreds of professors, students, administrators and researchers from MIT and neighboring institutions gathered on this campus to discuss the world situation and its relevance to professional and personal life at MIT and in our society as a whole

Last year at this time, the MARCH 4 COALITION began to plan for a full day of lectures and workshops along similar lines. The events of that day were well-attended and led to the formation of many ongoing activities.

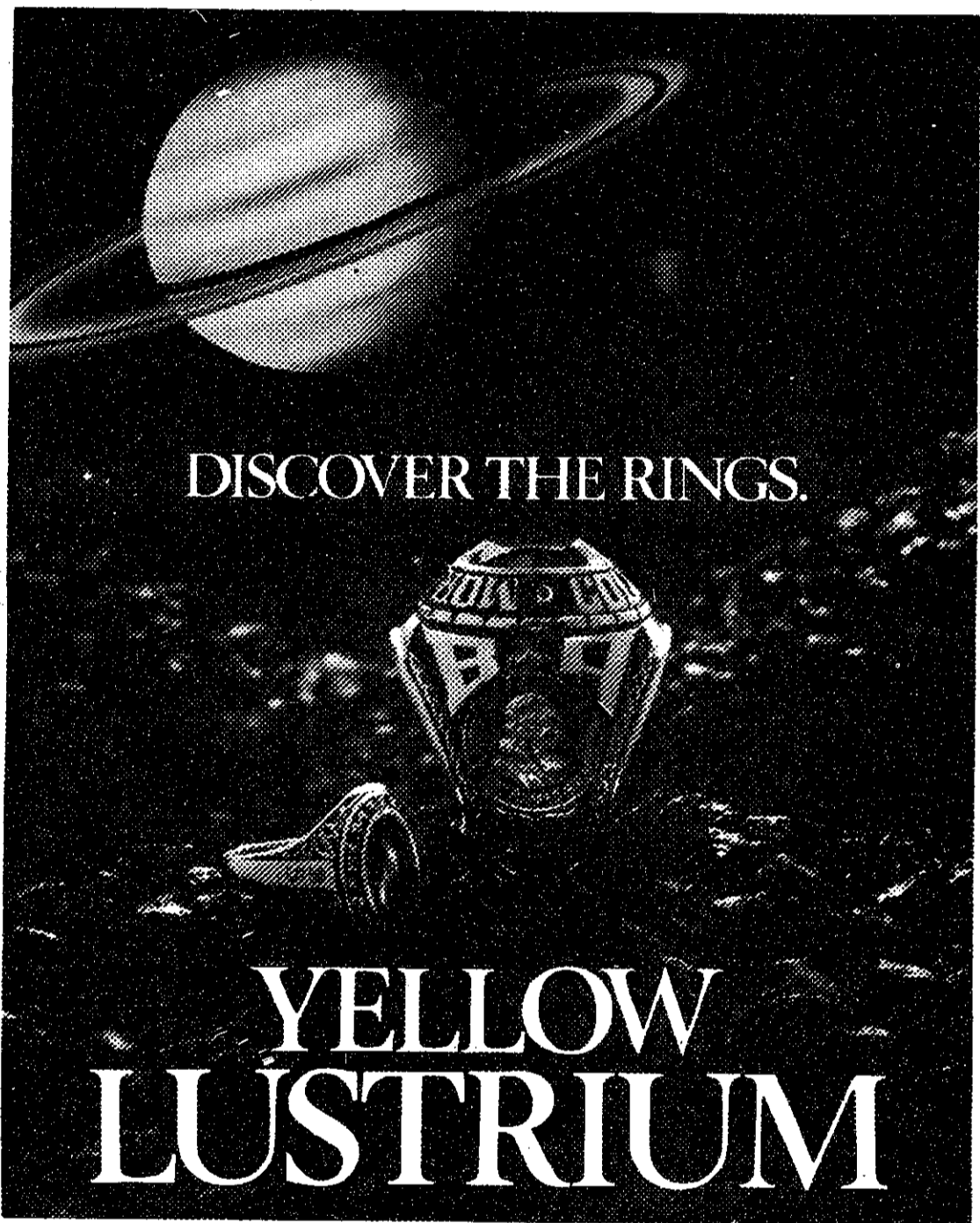
The MARCH 4 COALITION believes that it is again timely for all concerned members of the MIT community to join with us in planning a series of activities for March 4, 1981.

We will be meeting for this purpose TOMORROW — WEDNESDAY, FEB. 11, at 12 noon in the MEZZANINE LOUNGE of the Student Center. Everyone is welcome. Please come.

# The Tech

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# news roundup

## World

**More hostages to be released** — American writer Cynthia Dwyer, jailed in Iran for over nine months, has been convicted of spying charges and sentenced to expulsion. She is expected to leave Iran today. Dwyer was one of three Americans remaining in Iran after the release of the 52 diplomats on January 20. Mohi Sobhani, another of the three, was freed a week ago. Iranian President Abolhassan Bani-Sadr announced Sunday that four Britons detained since August on suspicion of being spies would also be freed.

**Polish opposition group to be investigated** — The Polish government announced Sunday that it would conduct an inquiry into the activities of an opposition group which is closely allied with Solidarity, the independent labor union. The announcement accused the Committee for Social Self-Defense of engaging in "anti-state activity directed against the constitutional system of Poland and its allies." A strong response from Solidarity is expected.

**2000 join Brazilian kiss-in** — Almost 2,000 youths in Sorocaba, Brazil, protested a judge's ban on kissing in public with a kiss-in last Saturday night. The youths, who clashed with police at the end of the evening, carried banners reading, "kiss and be a criminal." Many marched through the streets of the city in Brazilian interior with tapes over their mouths. Judge Manuel Moraes banned passionate kissing in public places, especially distressed by "the cinematographic kiss, in which salivas mix to simply swell the sensuality."

## Nation

**Burger warns of reign of terror** — Chief Justice Warren E. Burger of the Supreme Court warned Monday that the nation's justice system was helping make Americans hostages to crime and dooming urban dwellers to a reign of terror. In his annual State of the Judiciary address to the American Bar Association, Burger said that the US is "approaching the status of an impotent society," incapable of maintaining security in homes and schools.

## Local

**Students protest BC tuition hike** — Five hundred Boston College students picketed outside McElroy Commons last Friday, as the Board of Trustees met inside and voted to increase tuition 14.3 percent to \$5180 for the 1981-82 school year. Frank Hennessy, BC's director of communication, said the increase was mainly due to inflation, but Undergraduate Government president Dan Cotter claimed that a hike of \$550 would have been sufficient. During the protest, students changed slogans such as "liberal education, not liberal spending."

**Hair dispute in Haverhill** — Last week, Haverhill Police Chief Daniel M. Fasulo banned beards, goatees, handlebar mustaches, and long hair for members of the police force. One policeman, Joseph Dube, is especially upset about the grooming regulations, and claims that they are retaliations for his complaints about unsafe conditions in the city's nine police cruisers. Dube will, however, shave off his goatee.

## Sports

**Cowens honored as Celtics crush San Diego** — As part of the farewell ceremony held for retired captain Dave Cowens on Sunday night, the Celtics defeated the San Diego Clippers 123-107. Over 15,000 fans watched the game and the hoisting of Cowens' number, 18, to the rafters.

By Stephanie Pollack

## Weather

A healthy sloshing is in store for the entire northeast tonight. For today, mostly cloudy with strong southerly winds developing this afternoon. Highs will be in the middle 40's. Rain will begin this evening and will be quite heavy at times. Mild temperatures in the upper 30's overnight will be accompanied by very strong winds. Stormy conditions will continue into Wednesday. Expect rainy, windy, and mild weather with highs near 50. A strong cold front will move into New England late in the day, and temperatures will drop rapidly to near 25 by Thursday morning. Thursday will be sunny, windy, and cold with highs in the upper 20's.

By James Franklin

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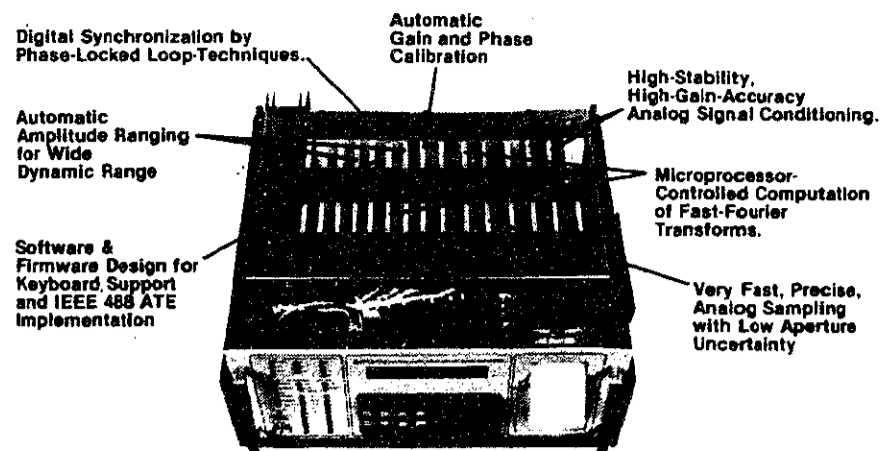
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## Editorial

**Gratuitous graphics**

The use of a Matisse to illustrate LSC's most recent registration day movie poster, and subsequent objections by members of the community, has prompted the Advisory Committee for Women Student Interests to advise LSC to stop showing X-rated movies.

Had the sketch of a nude woman appeared on a poster for a Matisse gallery exhibit, the reaction might have been different. Despite a long and honorable history of using the uncovered human body in art, it seems that some people will always be offended by such displays. Realizing this, LSC has made a commendable effort to develop a painstaking design and distribution process for registration day movie posters.

LSC was asked to stop showing X-rated movies on the grounds that they are offensive to the entire community. This claim seems unfounded in light of regular, voluntary, paid attendance at these films by approximately 2500 men and women. No one is forced to view a film they find offensive.

Residents have no choice, however, when pictures they find offensive are posted in their own living groups. LSC must weigh heavily any protests against whatever benefits the posters may provide.

Even LSC members have questioned the value, if any, of adding illustrations to registration day movie posters. Mike Dornbrook, former LSC publicity director, has been quoted in these pages as saying that "I have come to the conclusion that only the name of the movie should appear on reg-day posters."

We agree with Mr. Dornbrook.

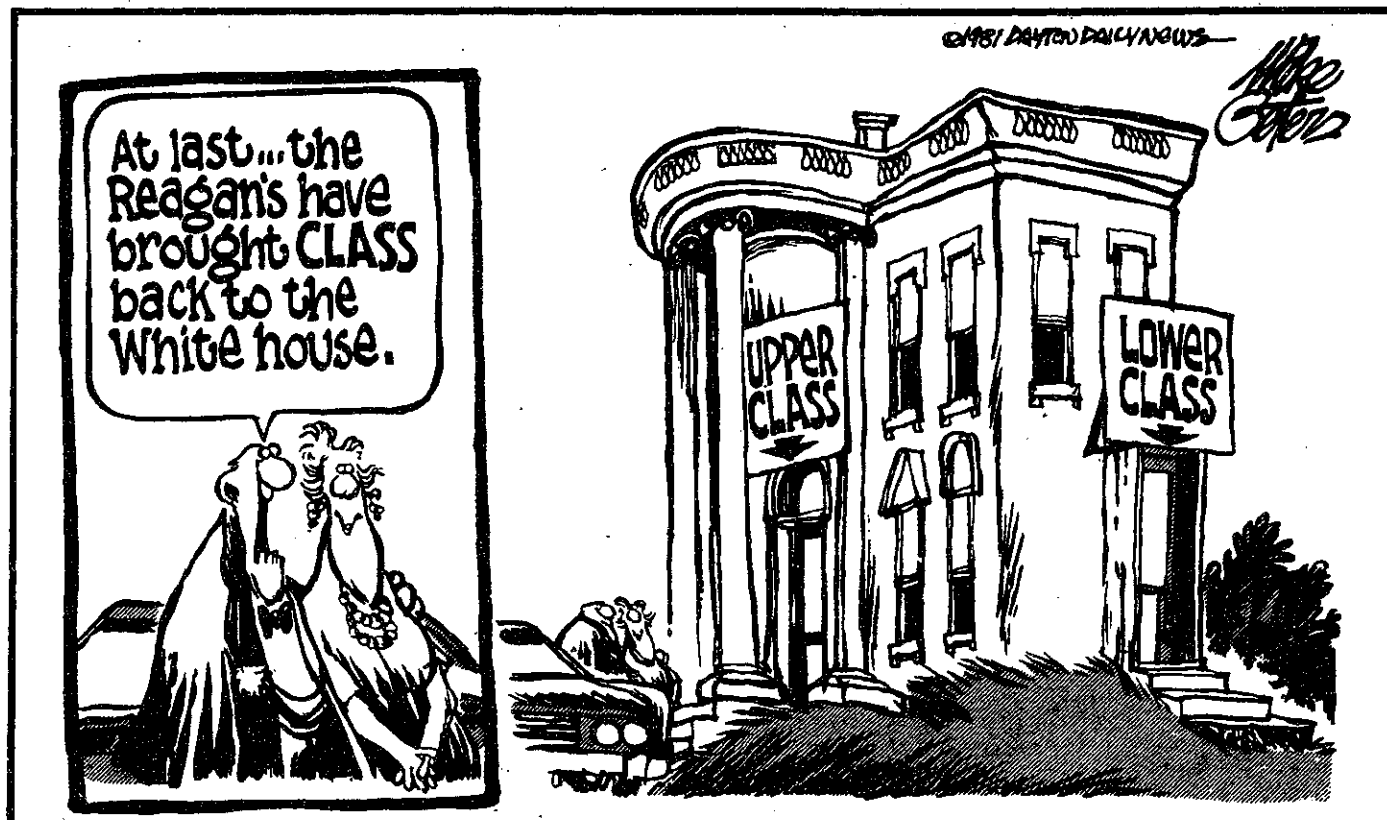
**Helping activities help students**

Participation in student activities is an excellent way to meet people, learn enjoyable and useful skills, and just relax. Why then did only a handful of freshmen attend the spring term midway held recently to introduce them to the wide variety of activities at MIT?

We hope the poor turnout was solely a result of inadequate publicity for the event. Given the chance, it is likely that students of all classes would attend a second activities midway each academic year. This year's failed experiment should not preclude a second attempt at a midway next spring.

Instead of being a separate event the afternoon before registration, however, next year's midway should take place in duPont during registration. Publicity would be unnecessary, and poor attendance would at least be a clear indication of disinterest on the part of students.

It would be unfortunate if the indifference toward the spring midway were to continue. Student activities need students. More importantly, however, students need student activities.



Richard Salz

**Avoiding "us versus them"**

It's "Initiation Season" again. Almost every fraternity with a structured pledge program initiates their pledges during February. With this in mind, I've been thinking recently about the differences between dormitories and fraternities here at MIT, both what they are and how they're brought about.

The distinction between the two types of living groups is emphasized right from the start of one's MIT career. The fraternities here rush for freshmen before they've had a chance to live in a dormitory. While a freshman will occasionally move into a fraternity after Rush Week, such cases are rare.

At most other schools, fraternities rush for new members well after the first semester has started, giving the frosh an opportunity to live in a dormitory and make some contacts. There is also the benefit that the frats, having a rush period of a month or more, have more time to look over the would-be pledges and can make a more informed choice.

There are reasons why MIT's Rush Week is structured the way it is. The dorms are just too crowded to take on a couple of hundred new freshmen. The fraternities can't afford to keep open a dozen or so empty beds for a semester.

There are also liabilities with the present method. It's damned tough to choose between 10 and 20 people that you'd like to have

in your group out of a pool of the more than one hundred pass through your doors — all in a three-day period. It's also an incredible financial, physical, and emotional strain on everyone involved.

By far the greatest deficit, however, is the immediate separation and alienation the present structure forces upon the freshmen. Rather than encouraging any sense of homogeneity and class unity, MIT's orientation splits the incoming freshmen into several small groups.

I once ran for freshmen class office with another member of my pledge class. Our platform was fairly simple and, admittedly, a socially-oriented one. We wanted to have a series of small "block parties" among the freshmen classes within the various living groups, working in ever-widening circles.

These parties would have introduced the members of the class to each other on a small scale. Ultimately, we had hoped, we could have a full-class part and a respectable number of people would attend.

As we talked to freshmen in the living groups — and we covered just about all of them — we met with almost unanimous support. Bakerites wanted to meet Deke's, and Kappa Sig's were curious about what it was like to live in East Campus.

The message was, and still is, I believe, clear. Many students

wonder what it would be like to be in another living group, and would like to meet fellow students living outside of their immediate vicinity. The success of last year's inter-living group exchange program run by UAP Markham lends further credence. Regrettably, the present system not only doesn't allow for this, but inhibits it.

All this notwithstanding, I wouldn't change the present structure. Most people also seem to end up in a place that they're satisfied with. Whether it's the best place for them, I don't know. It's kind of sad, though, that no one really gets to see how the other half lives.

**LSC apologizes**

To the Editor:

It has come to our attention that some members of the MIT community have been offended by our recent poster advertising the traditional registration day movie. We would like to apologize to these people and assure them that we will attempt to take these feelings into account in the future.

The Executive Committee of the MIT Lecture Series Committee

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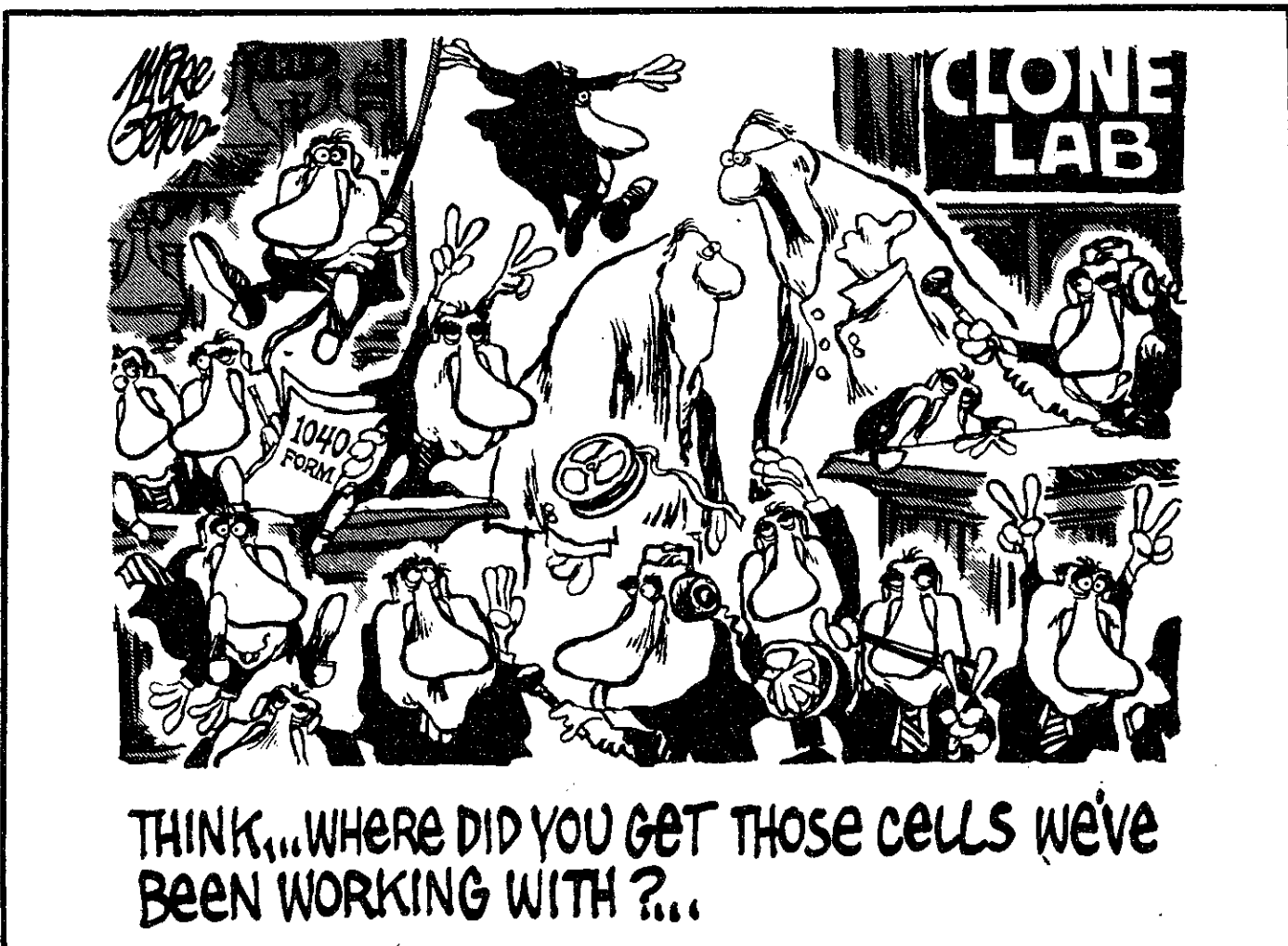
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# Reagan removes controls on oil prices

## Effects on MIT will be slight

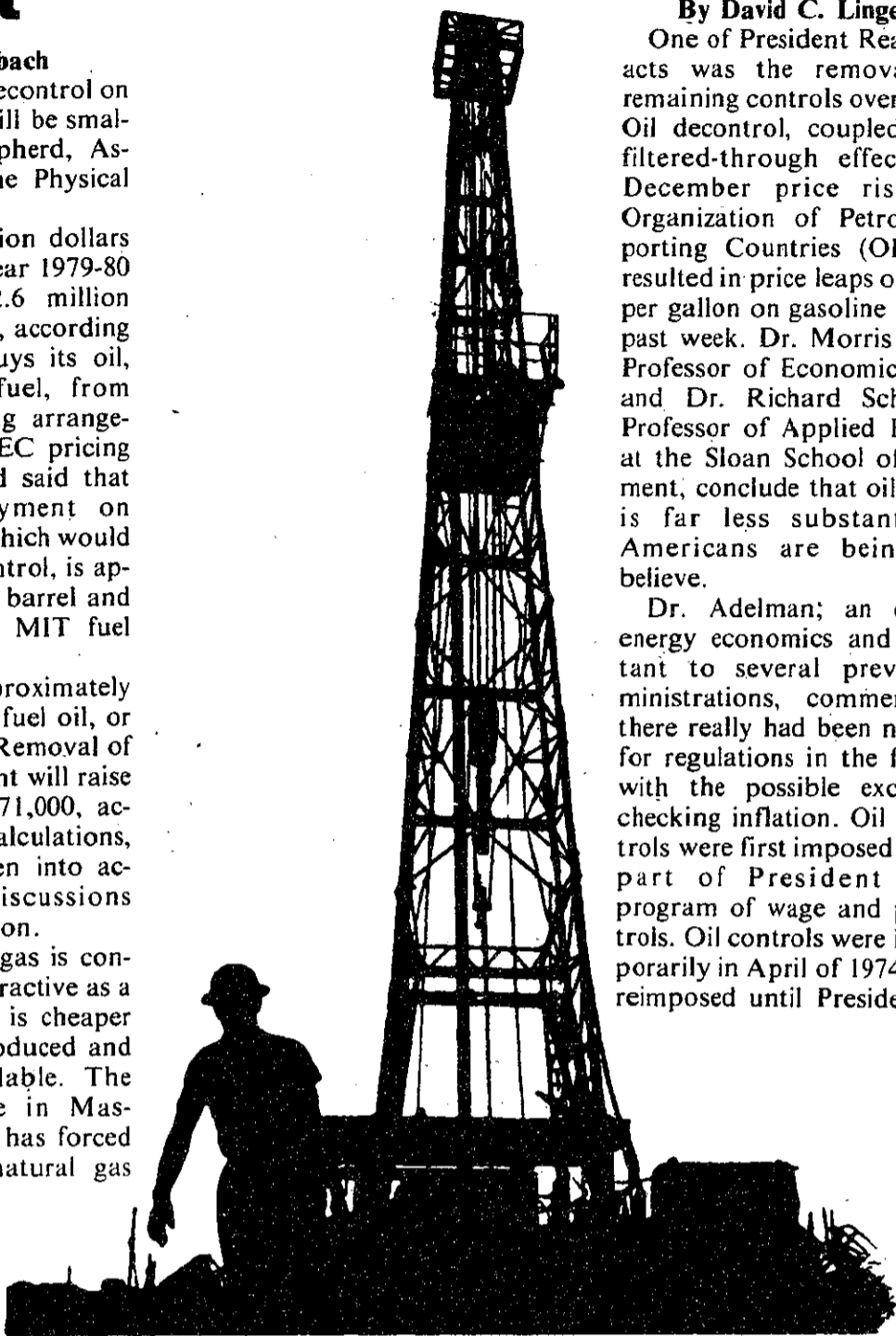
By Dave Lingelbach

"The effects of oil decontrol on MIT's heating costs will be small," said Thomas Shepherd, Associate Director of the Physical Plant.

MIT spent 1.5 million dollars for fuel oil in fiscal year 1979-80 and approximately 2.6 million dollars for natural gas, according to Shepherd. MIT buys its oil, known as residual fuel, from Venezuela in a pricing arrangement not tied to OPEC pricing mechanisms. Shepherd said that the entitlement payment on Venezuelan residual, which would be eliminated by decontrol, is approximately \$1.50 per barrel and doesn't greatly affect MIT fuel outlays.

MIT consumed approximately 2.6 million gallons of fuel oil, or about 47,250 barrels. Removal of the entitlement payment will raise MIT's fuel cost by \$71,000, according to *The Tech* calculations, and this may be taken into account in current discussions about next year's tuition.

Shepherd said that gas is considered much more attractive as a fuel by MIT, since it is cheaper per unit of energy produced and usually readily available. The natural gas shortage in Massachusetts this winter has forced MIT to curtail its natural gas usage until April.



## Analysis

# Decontrol effects unclear

By David C. Lingelbach

One of President Reagan's first acts was the removal of the remaining controls over oil prices. Oil decontrol, coupled with the filtered-through effects of the December price rise of the Organization of Petroleum Exporting Countries (OPEC), has resulted in price leaps of up to 10¢ per gallon on gasoline during the past week. Dr. Morris Adelman, Professor of Economics at MIT, and Dr. Richard Schmalensee, Professor of Applied Economics at the Sloan School of Management, conclude that oil decontrol is far less substantial than Americans are being led to believe.

Dr. Adelman, an expert on energy economics and a consultant to several previous Administrations, commented that there really had been no purpose for regulations in the first place, with the possible exception of checking inflation. Oil price controls were first imposed in 1971 as part of President Nixon's program of wage and price controls. Oil controls were lifted temporarily in April of 1974, but then reimposed until President Carter

began the oil decontrol process. Adelman and Schmalensee both confirmed that Reagan's Executive Order decontrolled the remnants of heating oil and gasoline, and the President Carter had already decontrolled most of the oil prices.

Adelman said that oil price increases were "somehow unacceptable" to the American consumer, largely because of the increasing profits of oil companies that price increases would cause. Adelman said that oil price regulation is a "policy of spite and not based on sound economics."

Dr. Schmalensee said that oil regulation has been a process that has subsidized imports. Adelman agreed, adding that controls acted to encourage increased domestic consumption of oil. "The entire system of oil price control has resulted in the United States paying more to foreigners for their oil," Adelman commented.

Schmalensee believed that oil decontrol was not necessarily inflationary. Oil decontrol would result in higher prices for petroleum products, which would increase the Consumer Price Index (CPI). Decontrol does not, however, contribute to the

process of inflation, since it does not increase pressures of inflation within the economy. "There will be no recession as a result of decontrol," said Adelman, because outlays for those goods affected by decontrol are a small portion of the Gross National Product (GNP).

Oil decontrol may have some effects on the ability of the poorer segments of the population to meet their fuel bills. Schmalensee said that a subsidy for the poor could act to reduce usage of mass transit, and increase air pollution. Schmalensee said that decontrol will have small effects on the poor compared to the OPEC price in-

(please turn to page 14)

English Hymnody &  
Christian Faith

## Hymn-Sing and History

MIT CHAPEL  
WED. FEB. 11  
7:30 pm

## Computer Science and Electrical Engineering Majors

San Francisco Bay Area company developing state of the art computer software and hardware for integrated voice and data office communications systems seeks talented individuals interested in:

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Included in ROLM's outstanding benefits package is a three month paid sabbatical after six years (and every seven years thereafter), company paid tuition and time off for graduate study at Stanford University. Employees can take advantage of flexible working hours to use ROLM's million dollar recreational facility which includes tennis courts, racquetball courts, basketball, exercise room, volleyball, swimming pools, par course, sauna, steam room and jacuzzi.

### On Campus Interviews

FRIDAY,  
FEBRUARY 27, 1981

Meet with working software engineers from ROLM in the placement center. See our company literature in the placement center.

If unable to attend an interview, send resume to:

Gibson Anderson  
Manager, Recruiting & Training  
ROLM Corporation  
4900 Old Ironsides Drive M/S 560  
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Challenging opportunities to reshape high technology are at Varian for Bachelor's and Master's graduates in Mechanical or Electrical Engineering, as well as Physics. A representative from our Microwave Tube Division would like to discuss these opportunities with you when they visit your campus.

**Formal Interviews will be held:  
Thursday, February 19th  
Please make an appointment  
through your Placement Office**

If you miss us, you may still apply and learn more about Varian Associates by contacting our employment office at **611-CR Hansen Way, Palo Alto, California 94303**. We are an equal opportunity employer.

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CORPORATION

# Press defends NAS reports

By Selina Lin

"The Academy has two of three hundred reports per year. I can only remember one or two that's been criticized . . . That's a pretty good batting average," said Frank Press, MIT Professor and newly appointed President of the National Academy of Science (NAS), when asked about controversies surrounding recent NAS reports.

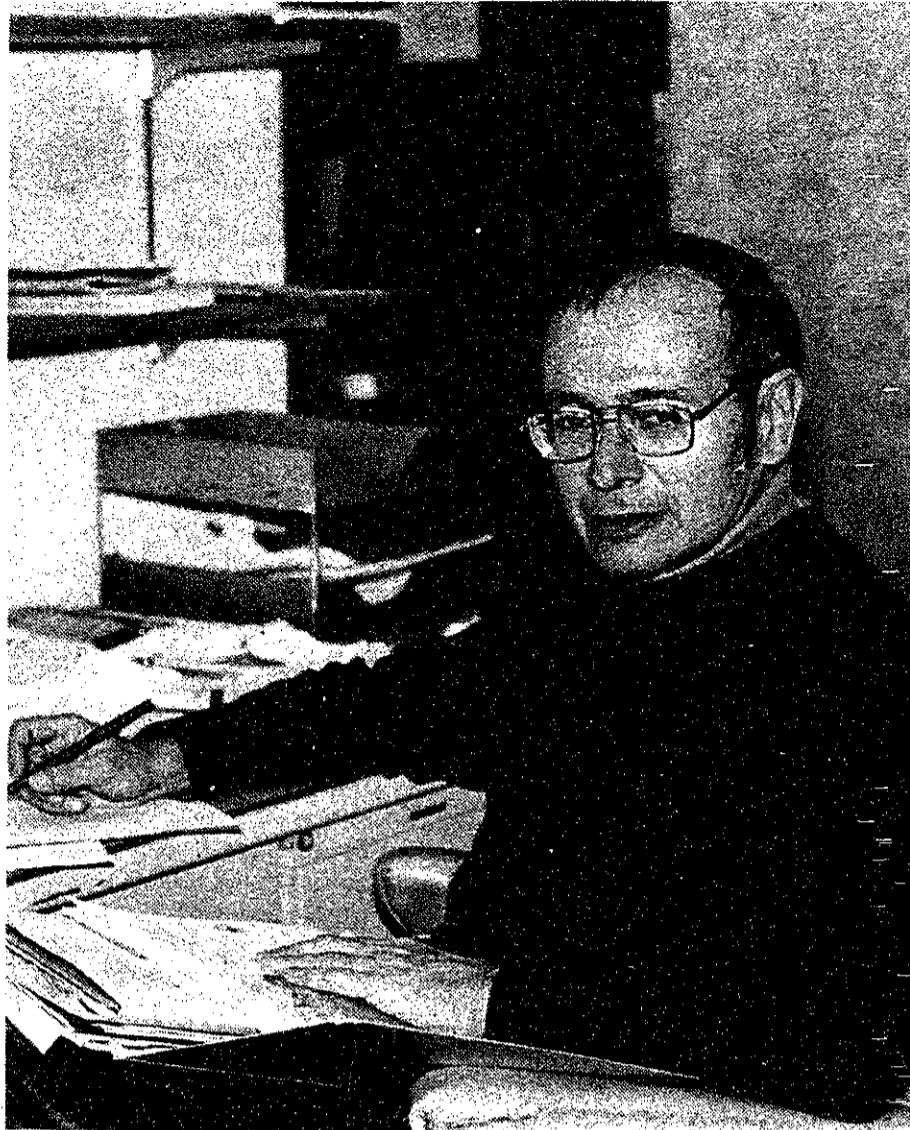
NAS has been criticized for perceived conflicts of interest among members of a panel that released a report on cholesterol last summer, as well as for other reports issued in recent years. Press commented, "If the Academy cannot put together credible panels, then it has missed the thrust of its purpose . . . The reputation of the Academy must be preserved." However, Press added, "There is no such thing as an unbiased person," which makes formulation of objective panels difficult.

Press has just finished serving as director of the Office of Science and Technology Policy (OSTP) and science advisor to President Carter. "I operated on a one year basis in Washington; but I had long-term special goals," Press responded when asked about his accomplishments as OSTP director. Goals he felt he achieved as director of OSTP were to increase funding for basic research, establish mechanisms to increase manpower in science and engineering fields, and improve funding for university instrumentation and engineering fields, and improve funding for university instrumentation and equipment.

Press feels that performance of scientific research would be more effective if it had the stability of long term funding. The current annual authorizations appropriations process makes it impossible for researchers to plan in advance. Press, in conjunction with others involved in executive and legislative science policy, has tried to implement long term funding arrangements but has found this difficult within the current political context. "The Appropriation Committee just laughs when you approach them," commented Press.

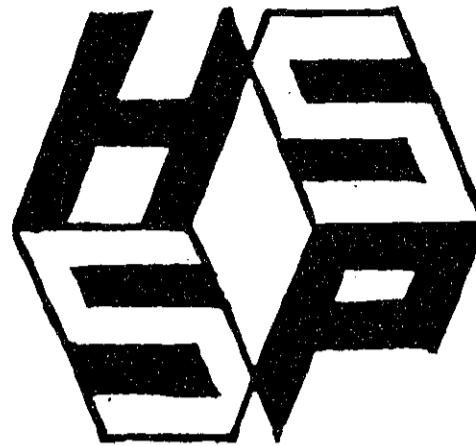
However, overplanning in science can be "a danger" according to Press. He characterizes the five year plans of the USSR and China as "overly restrictive."

The National Academy, chartered by President Lincoln, serves to advise the President and Congress on important technical issues. It deals with such issues as energy, health, nutrition, the space program, and scientific research.



Frank Press, MIT Professor and President of the National Academy of Science. (Photo by Todd Bayer)

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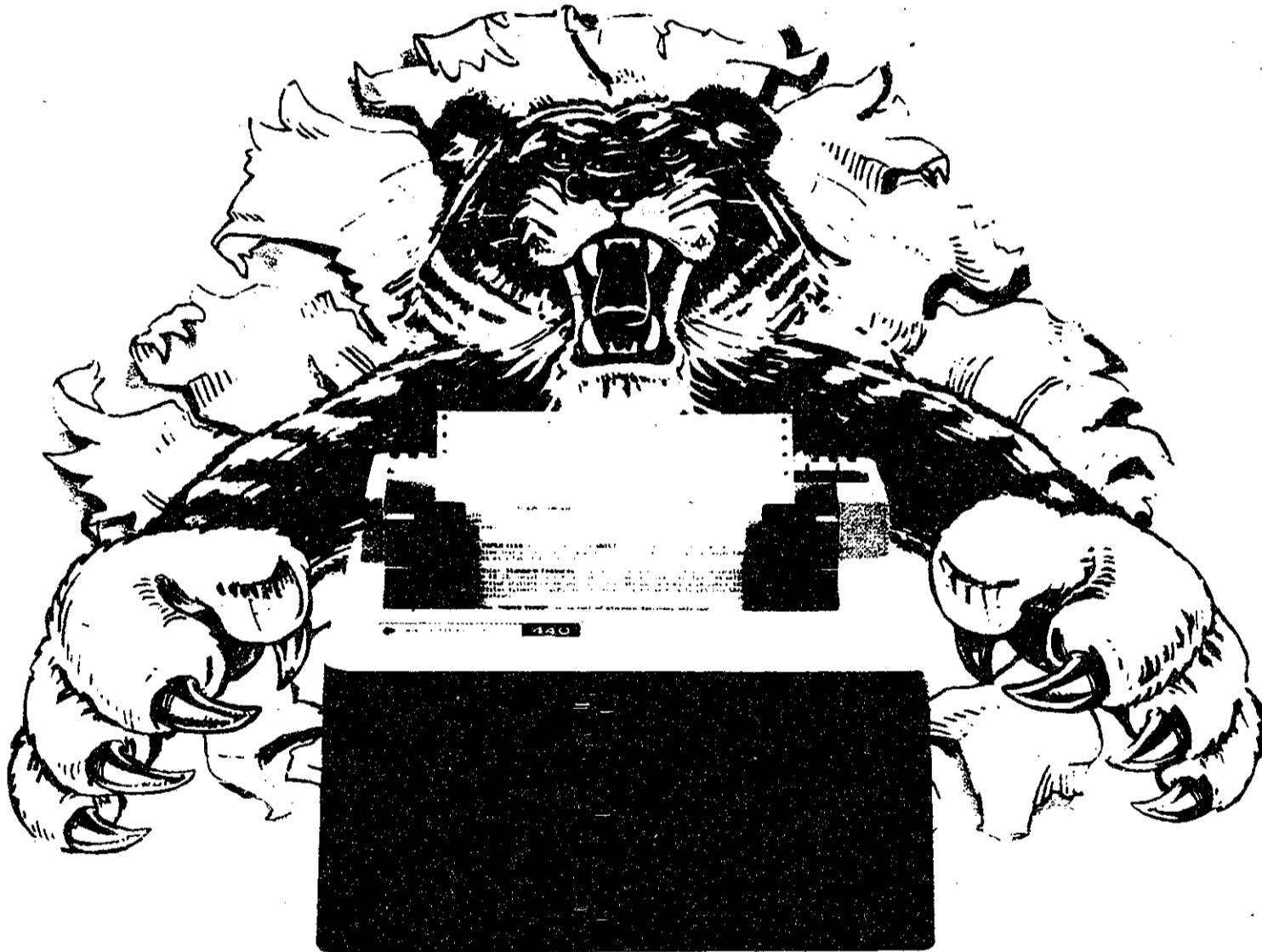
## HIGH SCHOOL STUDIES PROGRAM

The High School Studies Program needs you to teach a course in organic chemistry, macroeconomics, quantummech, architecture, calculus, poetry, trig, poly sci, psychology, chess, SAT, genetics,

marine bio, or any other course which interests you. An hour and a half on Saturdays, March 7 - May 9.

If interested please call: 253-4882 or stop by Room 467, Student Center.

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One of the reasons is our "Paper Tiger" — which has captured an astonishing share of the high technology, computer printer market.

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\$10.00

Tweed Sportcoats  
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SALE ON NOW

"our prices are ridiculous"

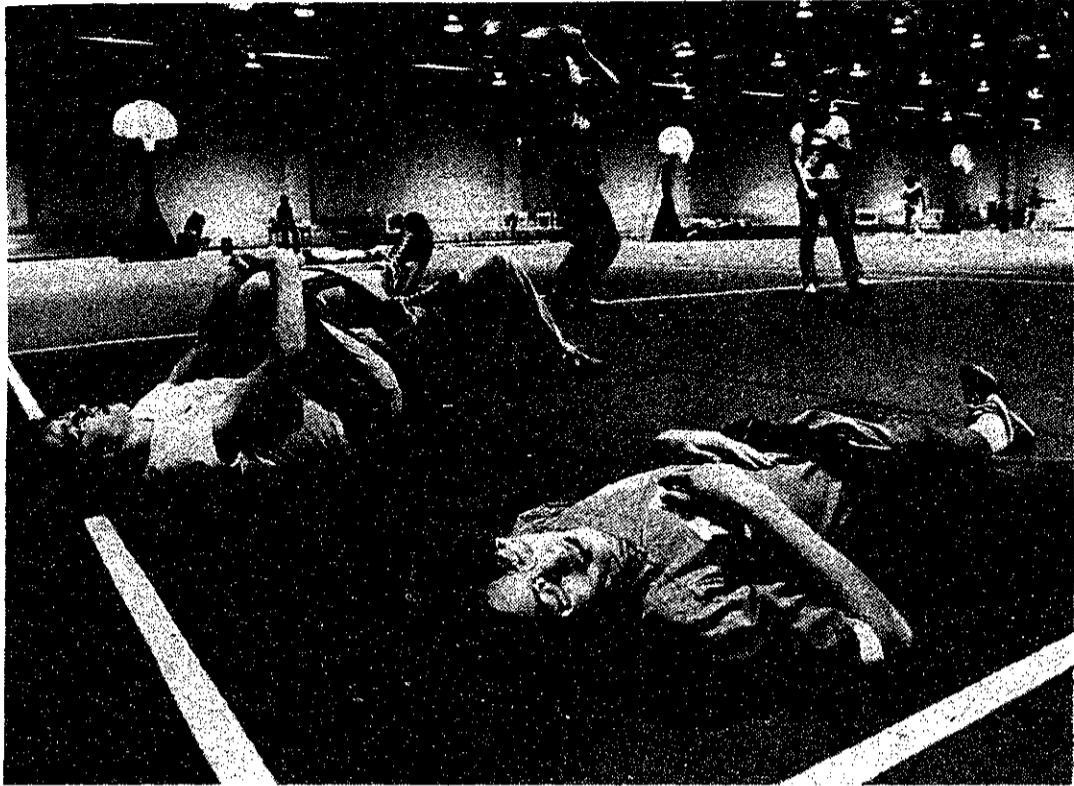
You will find us at  
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Cambridge  
547-2455

# The Longest Game

The brothers and pledges of Alpha Delta Phi attempted over IAP to break the basketball marathon record. They were able to complete 43 of the 90 hours needed before fatigue, injuries and boredom forced them to stop.

photos by Jim Mihori



## Jock snaps over Valentine gift.

Dear Ann:

Athletically I'm an All-American. Romantically I'm a nerd. I'm in love with a fox. But the competition is rough. What'll I give her for Valentine's Day?

Nervously Yours,  
Chicken Hunk

Dear Chicken:

Don't punt. Send her flowers. It's probably the best play you ever made. And the easiest. Just go to your nearest FTD Florist. He has the perfect Valentine gift. A beautiful bouquet that comes in a special bud vase. Even better, you can afford it. Remember, when in doubt, rely on the magic of flowers. It's the only way a chicken can catch a fox.

Good hunting.



Helping you say it right.

The FTD Valentine Bud Vase is usually available for less than \$10.00. As an independent businessman, each FTD Florist sets his own prices. Service charges and delivery may be additional. © 1981 Florists' Transworld Delivery.



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Specific openings exist in Integrated Circuit

Design, VLSI Device Structure Design, VLSI Process Development, Integrated Circuit Application Engineering, Integrated System Architecture and Integrated Circuit Software Design.

Technical Recruiters will be on campus Wednesday and Thursday, February 25-26 to conduct interviews. Contact your campus Placement Office for the exact time/place and to make an appointment. Or, if you want to talk to us right away, call 1-(800) 334-8529, or send a resume to GE Microelectronics Center, P.O. Box 13049, Research Triangle Park, N.C. 27709.

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# ИСКУССТВО

## Vanya: brooding drama

The family's pride is their son-in-law Alexandr, who has left the country to become a famous professor; the play's action is brought on by his retirement, remarriage and return to his family's country estate. His relatives do not live luxuriously on the estate, as we would imagine. Everyone works hard to maintain the estate except the professor, his wife and his elderly mother. The feelings of resentment, pride or simple duty that the characters have about work are central to the play. Chekhov also explores what Nabokov called the incredible Russian capacity for suffering, and religion's role in that capacity.

Fortunately, the play is not all serious philosophical brooding. Uncle Vanya, played by Albert Ruesga '81 counters effusive speeches on desperation and unhappiness with visual and verbal antics, such as becoming entranced by his shoes. The interplay of comedy and tragedy works best at the conclusion of Act Three, where Vanya makes one last, futile effort to free himself from the boredom and hopelessness of his life. We laugh at his failure, even as we realize with a twinge how terrible it is.

David Waggett '81 is excellent as the country doctor who eventually becomes entangled in the Serebryakov's affairs. Marc Chelemer '81 acts sufficiently self-centered and tiresome to make you hate him as much as everyone else seems to. Yelena Andreevna, played by Edythe Frampton '80 is every inch the stunning, unhappy wife of the old professor. Sue Downing '81 plays Yelena's opposite, the professor's homely daughter, very sensitively. The two women do tend to cry and scream more than seems necessary, although they are certainly handicapped by the melodrama in the play to begin with. Mary Finn '81, Barbara Masi '81, and Bill Bryant '83 all have supporting roles, and do a lot with limited material. Somehow, by saying the least they remain the most likeable characters in the play.

Uncle Vanya is a play where almost everyone hates what he is, yet no one can find a way to change. We go to the theater to escape from our daily lives to a dream world where all things are possible, but Chekhov will not let us. He offers only an unretouched reality, in which we see characters as trapped as ourselves.

Heidi Picher

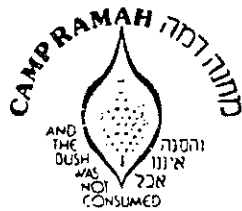
(Photo by Mark Morelli, courtesy MIT Dramashop)

Uncle Vanya, by Anton Chekov, presented by MIT Dramashop, Saturday, February 7. Uncle Vanya, subtitled Scenes from Country Life, examines the disintegration of a Russian family, the Serebryakov's, at the close of the nineteenth century. Chekhov demands a lot of his audience, but leaves them with a feeling of desolation and a vague sense of having learned something. This is not a play to see for entertainment, but one to think about for a while.

The plot is complex. This, combined with the difficulty most of us have keeping Russian names and culture straight, makes the first act almost an inventory of characters. (I spent much of my time checking the program to see who was who.) We also get a crash course in the family's complex history in the first act, through some pretty obvious devices. For instance, Dr. Mikhail Lvovich Astrov asks the old nanny, "How long have we known each other?" for no apparent reason other than to let the audience know the answer.

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Camp Ramah in New England  
1330 Beacon Street, Room 314  
Brookline, Mass. 02146  
(617) 232-7400

### Monday, February 23rd could be the day you begin fulfilling your professional ambitions.

If you're about to graduate with a degree in Computer Science, Engineering, Mathematics or Physics, you owe it to yourself to talk with the LOGICON representatives here on campus Monday, February 23rd. It could prove to be the beginning of a career to last a lifetime. Logicon.

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# Somerville site sacked

## DNA firm cancels plans for local plant

By Richard Salz

Genetics Institute has cancelled its plans to open a plant in Somerville. The firm had applied to the city for a building renovation in November.

The firm explained to the city that it would be using recombi-

nant DNA technology to produce interferon, a suspected cancer-fighting agent. The firm would also be doing other work related to seeking a cure for cancer.

Mark Ptashne, chairman of the molecular biology department of Harvard University, is one of the principals of GI. Ptashne had been very close-mouthed about the firm's plans all along, refusing to give any sort of time-table when the plans became public at last month's Board of Aldermen meeting.

Ptashne refused to comment about the cancellation, noting only that the firm had decided not to go ahead with the opening "at this time."

Last October, Harvard considered setting up a company to exploit the University's expertise in recombinant DNA technology, commonly called "gene splicing." The proposal was unique because it marked the first time a university would be taking an active role in the development of a commercial venture. Ptashne was to have played an important role in the proposed company.

Cambridge has been interested in recombinant DNA technology for several years, and is the only

city in the country to have set up guidelines regulating such work in the educational field. Lastweek, the Cambridge Biohazards Committee recommended to the City Council that Cambridge set up the similar guidelines for large-scale commercial DNA work.

The Committee's report mentioned that any large-scale work should be done in Cambridge because nearby cities have no guidelines regulating recombinant DNA technology.

## BOOZ • ALLEN & HAMILTON EXECS. TO SPEAK HERE FEB. 19

Booz • Allen & Hamilton, one of the world's largest consulting firms, will hold a Careers In Technical Consulting seminar for interested students on February 19, 1981 in Room 4-145 from 4 - 6 pm.

Students will have the opportunity to meet John Allen, president of the firm's Technology Management Group (Cleveland); Kirby Meacham, a firm principal; and Dr. Richard Ku, consultant. Both Mr. Meacham and Dr. Ku are MIT graduates.

Following the presentation and question and answer session refreshments will be served.

## notes

### Announcements

The Undergraduate Academic Support Office is currently revising Chapter 10 of the *Freshman Handbook*, "Extracurricular Activities." Any group interested in being included in this chapter that has not already received a memo from the UASO should inquire at Room 7-105 before February 20.

The Student Financial Aid Office has clarified the terms for HELP (Guaranteed Student Loans, GSL) applicable to all MIT students. Dependent Undergraduates may borrow up to \$2,500 per year with a total not to exceed \$12,500; independent (as defined by the Federal Government) undergraduates may borrow up to \$3,000 per year with a total not to exceed \$15,000. Graduate students may borrow up to \$5,000 dollars per year with a total not to exceed \$25,000.

HELP Loans for students who have a HELP loans or GSLs up to and including the academic year 80-81 carry a 7% interest rate and are repayable 9 months after schooling is completed.

Loans for new borrowers beginning in the academic year 81-82 carry a 9% interest rate and repayment must begin 6 months after school is finished.

Interest payments for all HEL loans and GSLs are subsidized by the Federal Government while the student is in school so interest does not accrue.

MIT may only approve HELP loans and GSLs within the cost of education, meaning that the amount of the loan can only be the difference between the cost of attendance at MIT and a student's financial resources.

\* \* \* \*

"The Reagan Years: The Challenge — Our Response", first of a "dialogue" series, will be sponsored by the American Friends' Service Committee, Tuesday, February 10 at 8 pm, First Parish Church, Harvard Square.

\* \* \* \*

There will be an open meeting of the Technology Community Association (TCA) on February 10, 1981, in the TCA office, Room 450 of the Student Center. Anyone interested in working on HoToGAMIT, the Course Evaluation Guide, Freshman Picturebook, or the Spring Blood Drive, should attend this meeting or call the TCA office at 253-4885. Refreshments will be served at the meeting.

### BLESSED ARE THE PEACEMAKERS

Six-week study on war and disarmament Wednesdays, 7:30-8:45, starting Feb. 11  
312 Memorial Drive  
Sponsored by Lutheran and Episcopal Ministries  
call x2325 or x2983

## MIT DRAMASHOP

presents

Anton Chekhov's

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directed by

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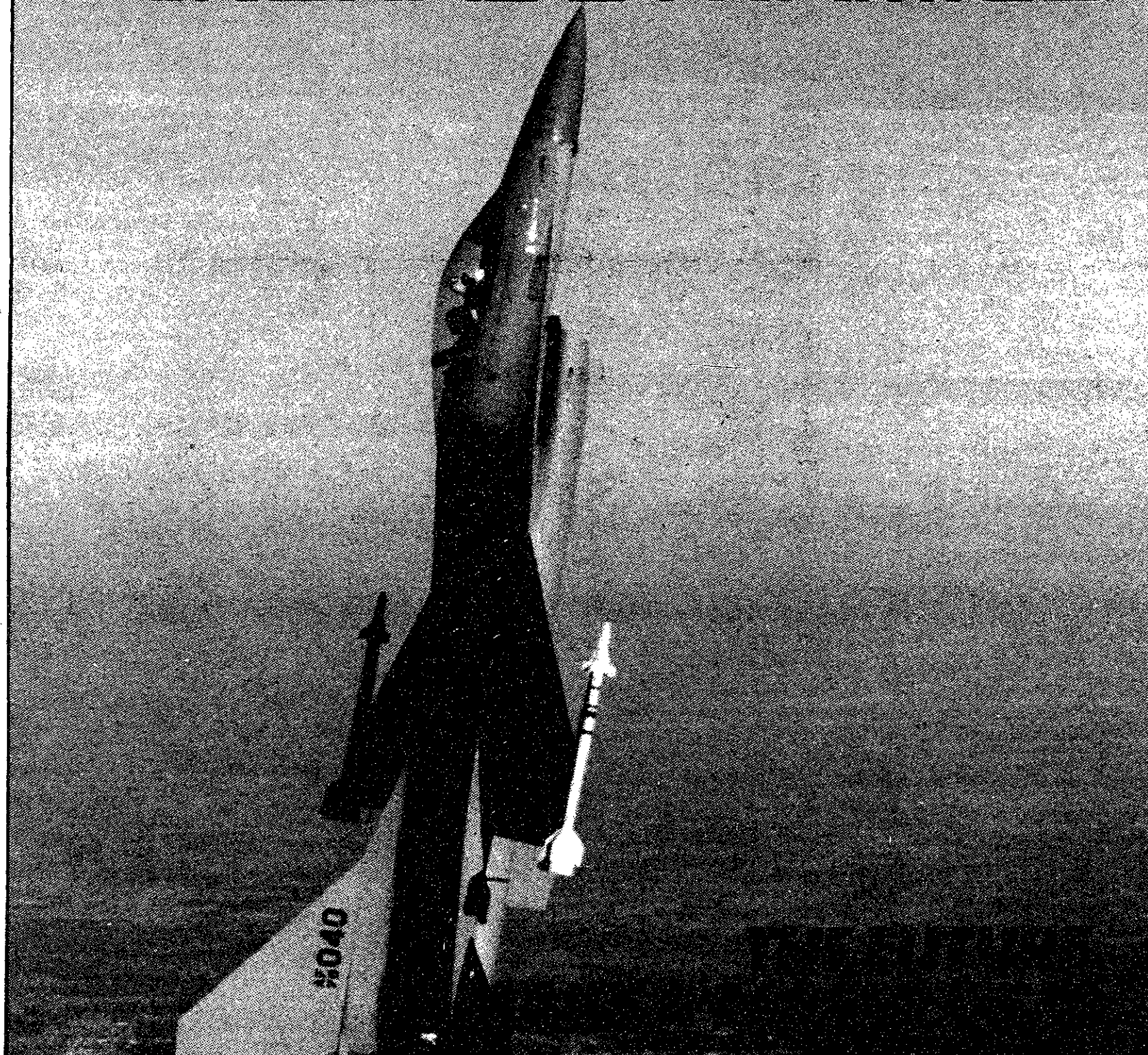
Roland Guidry

LITTLE THEATRE, KRESGE AUDITORIUM, MIT

Feb. 12, 13, 14 at 8pm

TICKETS \$3.50, \$3 w/ID RESERVATIONS: 253-4720

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well. We're also a leader when it comes to benefits, salaries, opportunities for advancement, job diversity and mobility, attractive locales, modern manufacturing equipment and facilities, and expanded technological bases.

Our representatives will visit your campus this spring. Be sure to pick up one of our brochures at your Placement Office and schedule an interview appointment.

And, plan to attend our Corporate presentation the evening before our on-campus interviews. Details at your Placement Office.

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**CAMPUS INTERVIEWS  
FEBRUARY 19**

# Affirm. action faces problems

(continued from page 2)

Third World committee spokesmen said they will meet with President Derek C. Bok in order to express the group's objections and anger to Harvard's lukewarm position on affirmative action. The report will be debated before the full faculty later this semester.

Included in the Affirmative Action plan are special efforts to increase representation of minorities and women. Affirmative action workshops, including discussions of hiring goals and timetables, would be held for the hundreds of hiring supervisors and department heads at Harvard. Faculties and departments which must improve their affirmative action performances would have to create a more conscious and systematic referral system for job opportunities.

Discussions will be held on affirmative action problems to help unite the two plans. Both docu-

ments cited several general problems with affirmative action programs at Harvard and other universities. One difficulty is that colleges and universities are foregoing expansion and are reluctant to create new jobs, a reflection of the nation's declining economic condition. Another general barrier is "traditional" career patterns for women, which have resulted in many women serving as assistants to administrators rather than as administrators themselves.

Harvard also faces strong competition for minority and women candidates from other institutions seeking to improve their own affirmative action efforts. In addition, potential faculty members may be reluctant to move to the Boston area because of the high property taxes and cost of living, the public school system and what many perceive as a troubled racial climate.

# The Inaugural Committee and the Writing Program present NORMAN MAILER AT MIT

reading from his works  
discussion to follow

Kresge  
Wednesday, February 11  
8 o'clock  
**FREE**

# ACWIS:MIT can not endorse porn

(Continued from page 1)

MIT equipment, people will tend to interpret that as an endorsement of X-rated films by MIT.

An "X" rating means that the content of a film has been judged suitable for audiences of 18 years and older by the Motion Picture Association.

Heine qualified her support for a blanket ban of all adult films, saying "it's possible that there are X-rated movies that aren't degrading. I'm most concerned about films which depict women having sex forced upon them, and allegations that some women act in these films against their will." Heine was referring to allegations made by *Deep Throat* star Linda Lovelace that her husband forced her to perform in the film.

In this term's registration day movie, *Sex World*, however, none of the scenes depicted involuntary sex.



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It's a lot more responsibility than most corporations give a man of 22. As a Navy Officer, you encounter new challenges, new tests of your skills, new opportunities to advance your education. You grow.

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I'm ready to take charge. Tell me about the Navy's officer programs. (OG)

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‡Graduation Date \_\_\_\_\_ †GPA \_\_\_\_\_  
ΔMajor/Minor \_\_\_\_\_  
Phone Number \_\_\_\_\_ (Area Code) \_\_\_\_\_ \*Best Time to Call \_\_\_\_\_

This is for general recruitment information. You do not have to furnish any of the information requested. Of course, the more we know, the more we can help you determine the kinds of Navy jobs for which you qualify.

CN2/81

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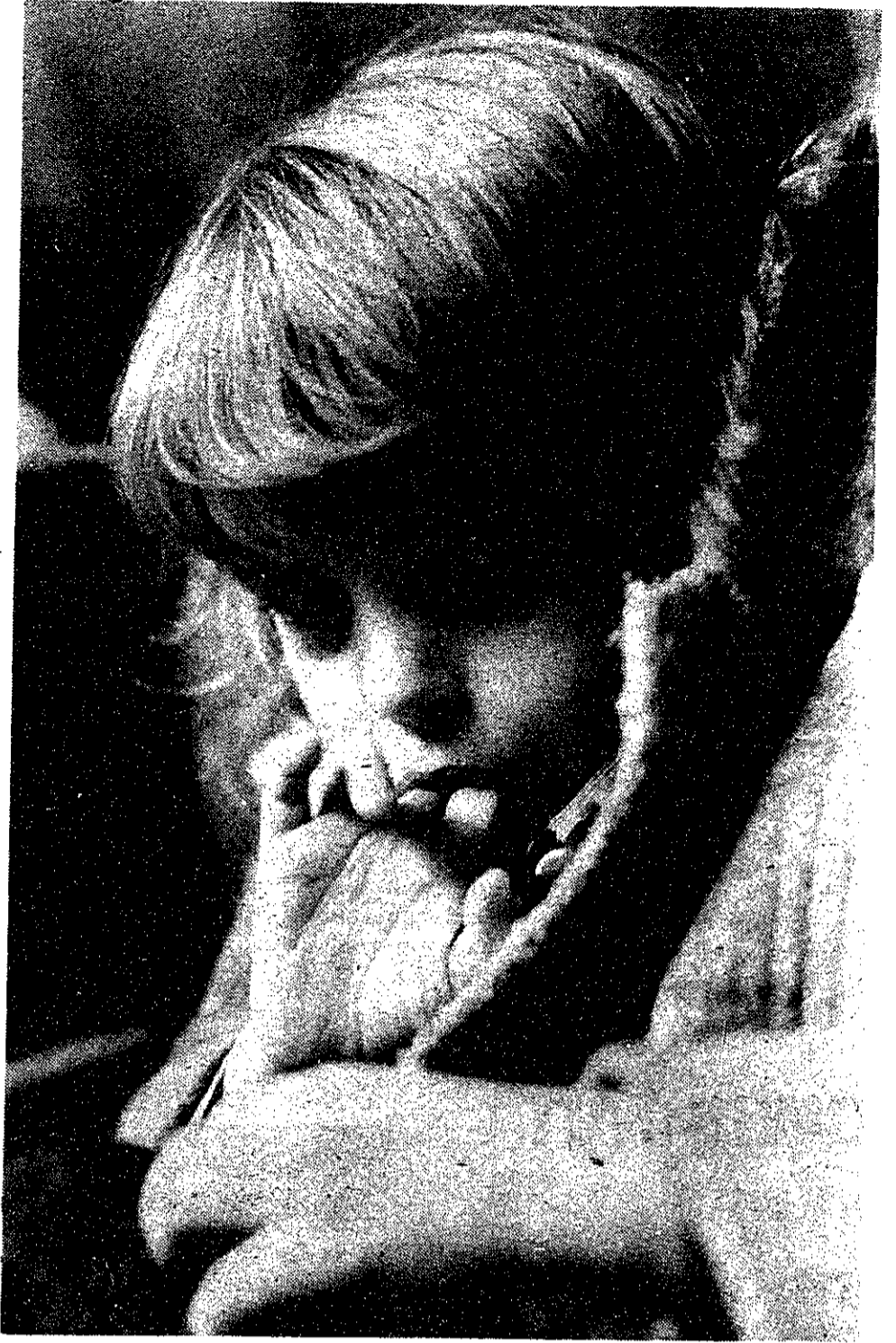
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# Face to Face



photos by  
Kevin-O

# open house

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- ★ Instrument demos
- ★ Refreshments
- ★ Career opportunities

**FEBRUARY 10, 1981**

**5:30-7:30pm**

**Room 4-231**

**CAMPUS INTERVIEWS**

**Feb. 10, 11, 12 1981**

**Placement Office**

# UJA NEWS

**WELCOME '85**

Help welcome the class of 1985 and other new students. The R/O Committee needs people to plan over the summer, and to work during R/O week. If you are interested, please leave a message at the UASO, 7-103, or call Rhonda Peck, R/O Coordinator at 3-6771. It is especially important to let us know if you will be here over the summer.

**CLASS OF 1984**

A referendum will be held Wednesday, March 11, 1981, to decide whether to continue with a council form of class government, or to adopt the Uniform Class Constitution (UCC). Information on both systems will be made available in the near future. Both require the election of a Class President, Vice-President, Secretary, and Treasurer. The UCC also calls for two Class Executive Board Members-at-Large. Elections for all six of these positions will also be held March 11, at the annual Undergraduate Association election. Petitions and information are available in W20-401.

**UA ELECTIONS**

Petitions for candidates seeking the offices of Undergraduate Association President and Vice-President, Officers of the Classes of 1982, 1983, 1984, and the Permanent Officers of the Class of 1981 are due in the Undergraduate Association office in the Student Center (W20-401), at noon, Friday, February 20. Elections will be held Wednesday, March 11. Petitions and information are available in the UA office.

## COURSE EVALUATION GUIDE

**UA S.A.V.E.S.**

Discounts of up to 60% are available to MIT students at participating merchants in the Boston-Cambridge area. From Bikes to Bars, Restaurants to Rugs, and Copying to Car Rental, your MIT ID can save you money! Wallet cards listing participating merchants are available in the UA office. If enough students take advantage of this program, it can continue and grow. If you'd like to help expand the program, call Peter Balbus at x3-2696.

**SPRING WEEKEND**

Spring Weekend '81 will be held the weekend of April 24, sponsored and coordinated by the MIT Social Council. The Council will be meeting Thursday night in the Marlar Lounge (37-252) at 7:30 pm (Refreshments at 7:00). All social chairmen should attend this important meeting. Be sure your living group is represented.

**TCA OPEN MEETING**

The Technology Community Association will be meeting tonight at 7:30 pm to discuss the Course Evaluation Guide, HoToGAMIT, the Freshman Picture Book, and the Spring Blood Drive. Everyone is welcome to come by, talk, and have some refreshments.

**FINANCE BOARD HEARINGS**

Annual Budget Hearings begin February 11. The Board will also be holding a hearing for a vacant position on the Board. The meeting begins at 7:30 pm Wednesday, February 11, in Room 400 of the Student Center.

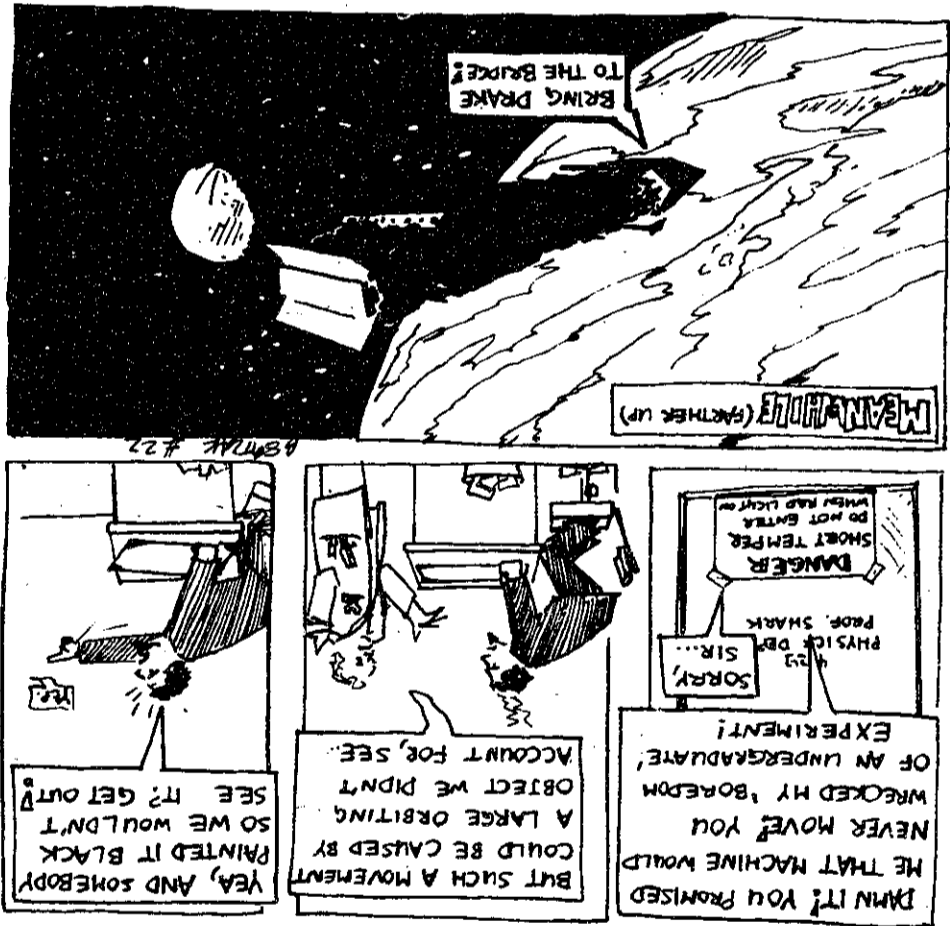
**RESEARCH PRESENTATIONS**

On Saturday, February 21, at 2 pm, the Freshman Council is presenting "Research: The MIT Experience," a guide to undergraduate research at the Institute. You'll have a chance to meet students and professors involved in research, and see video presentations of research projects. "Research: The MIT Experience" will be conducted simultaneously at New House, East Campus, Baker House and Sigma Chi.

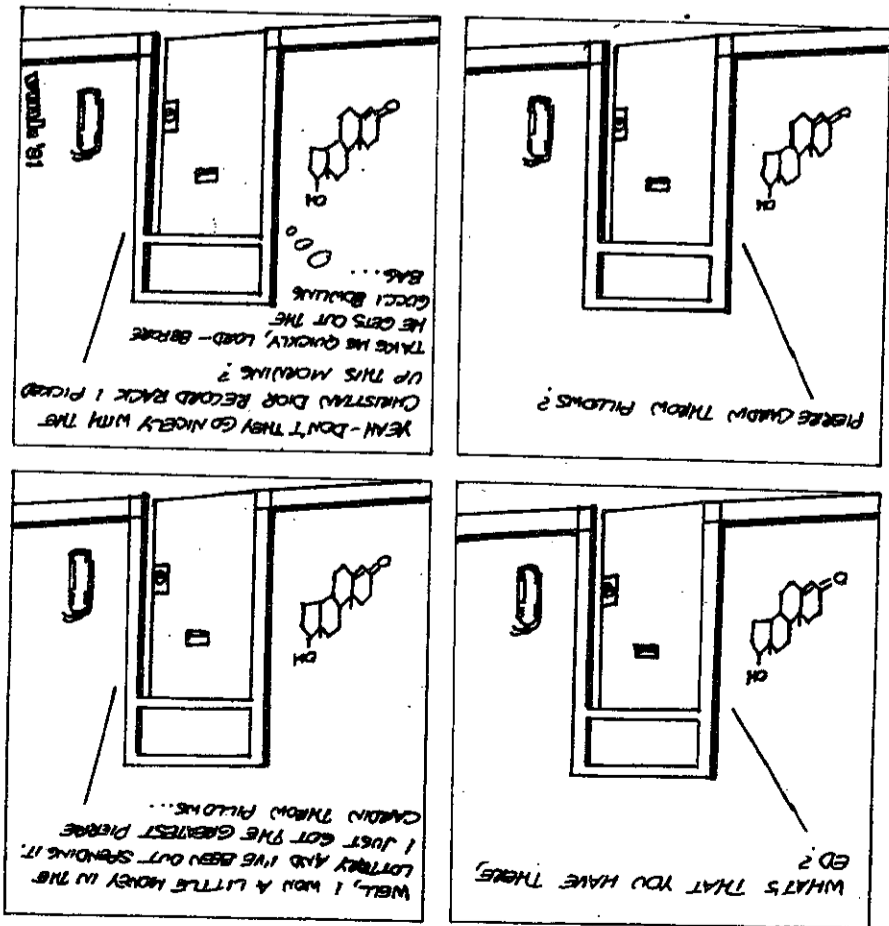
**OBLIGATORY PARAGRAPH**

Use the UA News to get the message out! It appears every Tuesday, right here in the Tech, and the best part is...it's FREE. Leave items for inclusion in the UA office (W20-401) or call x3-2696. Happy Presidents' Day!

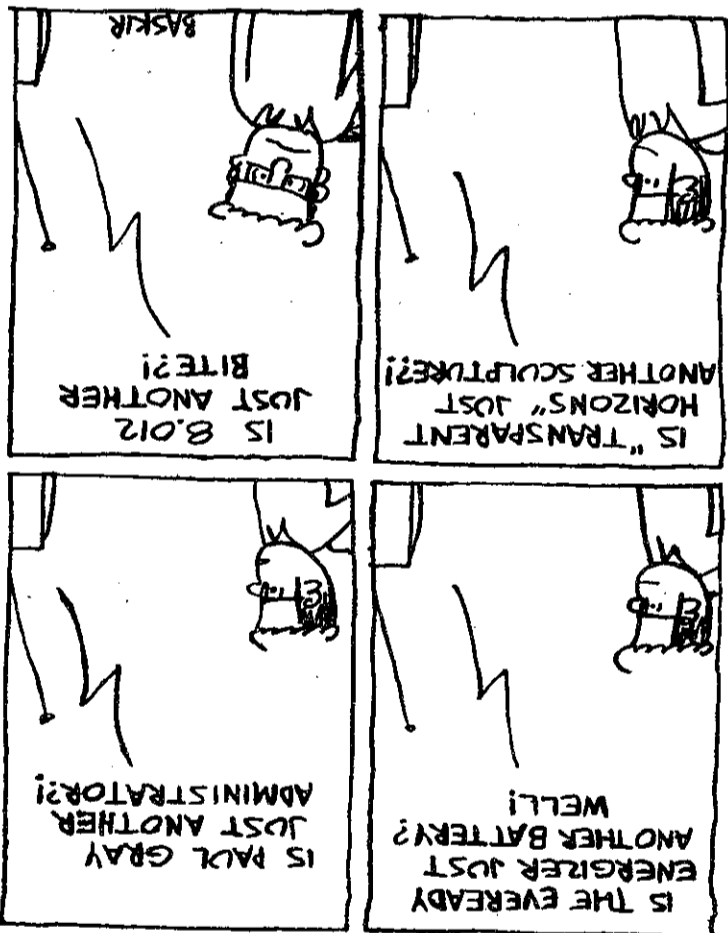
Space Epic  
By Bill Spitzak



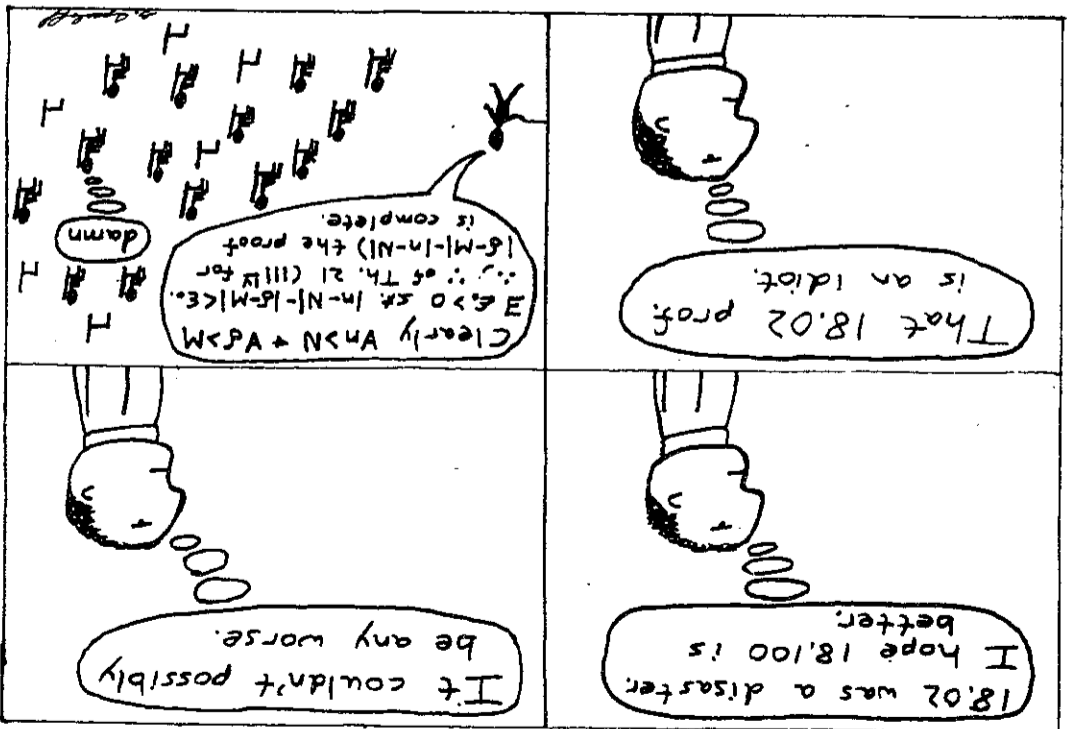
Outside Looking In  
By V. Michael Bove



Stickers  
By Geoff Baskir



Mr. Stu  
By Glen Apseloff



## COMICS

# Decontrol: US less vulnerable

notes

(continued from page 5)

creases. Adelman said that it would be very difficult to target fuel subsidies to the poor, and that such subsidies may be "senseless" in terms of reducing long range oil consumption. Within the United States, Schmalensee said that there will be some winners and some losers, but the entire nation will gain. However, the precise effect of decontrol on this winter's heating bills is unclear at this point.

On the national security issue, Dr. Adelman felt that the United States will be slightly less vulnerable as a result of decontrol, mainly due to decreased imports. Adelman said that the conventional knowledge that decreased imports will result in a great leap in national security is untrue. He said that the growing linkages between our

economy and those of Europe and the Far East (areas particularly susceptible to OPEC's pricing policies) will dictate that if "our allies hurt, we hurt." Adelman added that oil decontrol is obviously "no good" for OPEC.

In the long run decontrol may actually benefit the OPEC countries, whose well being are tied closely to that of the advanced industrial democracies, but Adelman said that OPEC "doesn't think deeply" on such matters, and their data on long run economic matters is as poor as the United States' information.

Schmalensee said that the Europeans regarded control as "mildly mad," and decontrol may contribute to better relations on energy matters with NATO and Japan.

## Lectures

A Community Energy Planning Forum will be held at Lincoln Park Elementary School, 290 Washington St., Waltham, on February 12, 1981. The topic to be discussed is "The Process: Goal Definition to Implementation." Speakers include: James Benson, Founder/Director, Institute for Ecological Policies; Daria Fisk, Franklin County Energy Project; and Phil Herr, MIT Department of Urban Studies and Planning.

\* \* \* \*

Israeli Parliament member Rav Chaim Druckman will speak on "Jewish Settlements in the West Bank" at 8pm, Thursday, February 19, in Room 9-150. This lecture is sponsored by the MIT Zionist Alliance and the MIT Center for International Studies.

Frank Jones, Loretta Williams, and Cambridge Mayor Frank Duehay will discuss racial justice at the Cambridge Forum on Wednesday evening, February 11, 8 pm, 3 Church Street, Harvard Square, Cambridge. Free and open to the public.

\* \* \* \*

Dr. Philip Stubblefield will discuss abortion and birth control at the Cambridge Forum on Wednesday evening, February 18, 8:00pm, 3 Church Street, Harvard Square, Cambridge.

\* \* \* \*

A lecture by Joseph Tobl on Jewish Communities in Moslem Lands will be held Wed. Feb. 25 at 12:15pm. Admission free, lunch available for \$3. Call 267-3600 for more information.

## Activities

Brockton Community School's

Annual juried photography show will take place on March 18-21, 1981, at Westgate Mall and Plaza, Route 24 in Brockton from 10am to 10pm. This show is open to photographers throughout Massachusetts and Rhode Island and categories include black & white, color, and 35mm slides. First prizes of \$50 are awarded in each category. A \$3 non-refundable fee must accompany any or all adult entries. Entry forms are available at Brockton Community School Office, 43 Crescent Street, Brockton, MA 02401. For further information call 580-7597.

\* \* \* \*

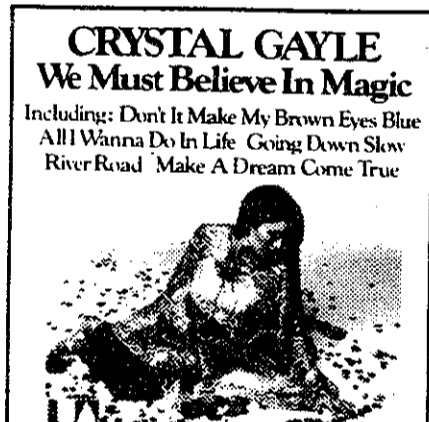
Applications are now available for the Environmental Intern Program, for graduate and undergraduate students seeking professional paid experience in their fields of study, from Elizabeth Reed in the Career Planning and Placement Office. The deadline for filing applications is March 2.

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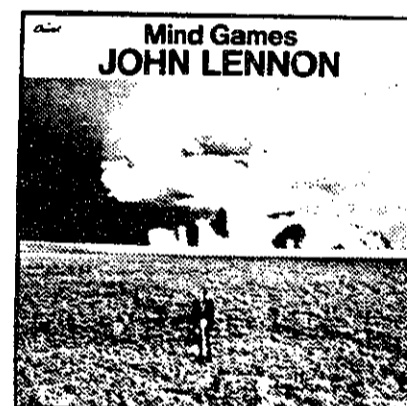
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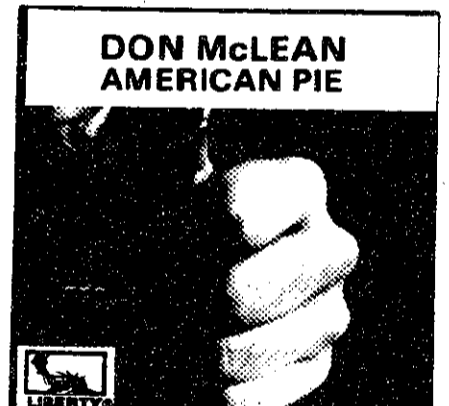
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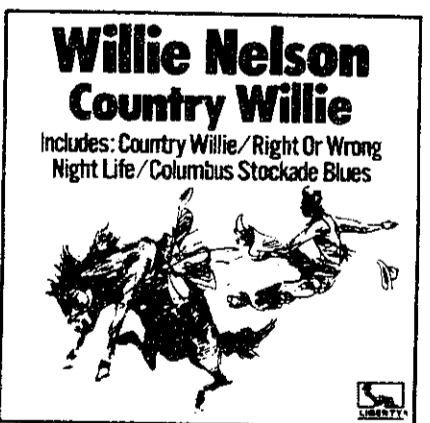
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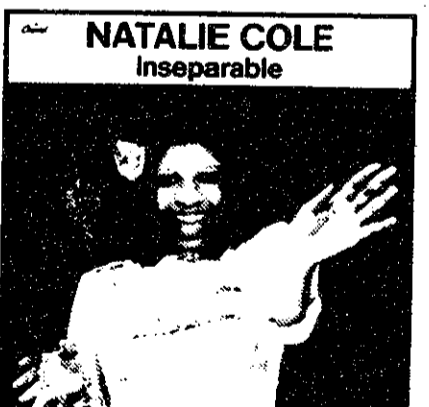
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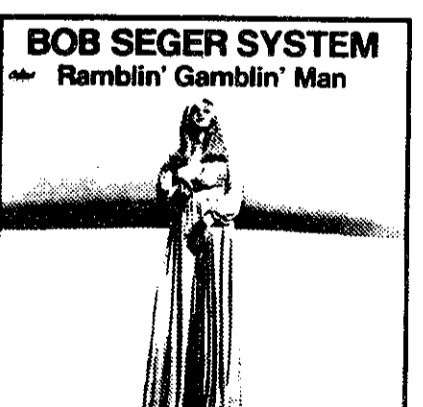
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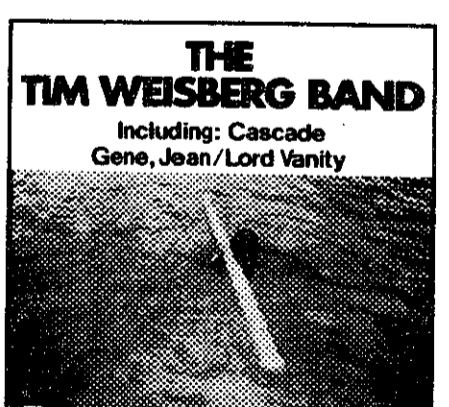
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# sports

## Ref shortage hits IM b-ball

By Barry S. Surman

Captains of 160 intramural basketball teams will meet tonight and be faced with the grim possibility of cancellation of the remainder of the season. A shortage of available referees has forced IM Basketball Manager Kevin Coffey to offer a choice to the A and B league captains — provide referees for C and D league games, or end their seasons immediately.

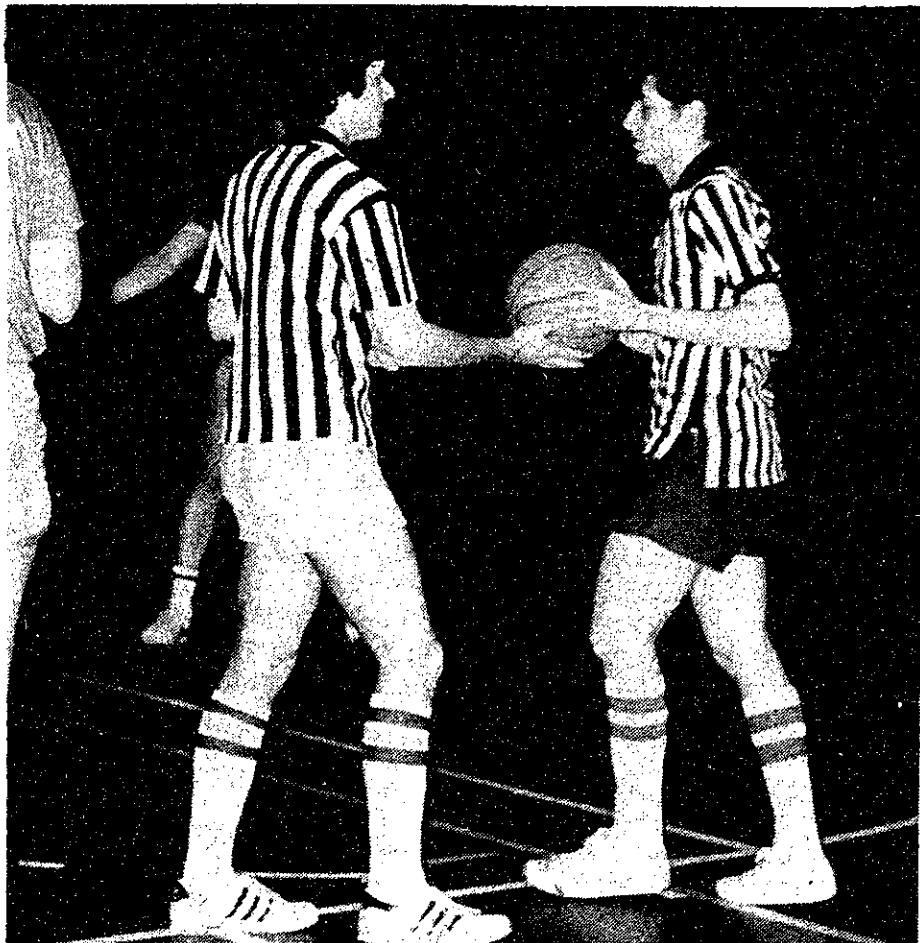
According to Coffey, problems began to surface as early as November. "We may have scheduled too many games and allowed too many changes," he said. From an initial list of 35 referees, he was only able to get a fraction of them to participate.

Coffey dismissed the idea that low pay discouraged students from committing time to the program. "Referees," he responded, "make from \$3.50 to \$5.00 per game, based on the rating of an evaluator, and experience." He and Assistant Manager Andy Siciliano were forced to officiate as many as twelve games in a week to maintain the schedule.

After consideration of proposals ranging from an abbreviated season or cancelled playoffs to an outright cancellation of the entire season, Coffey decided to offer an alternative solution to the team captains. A and B league teams would, under Coffey's plan, provide two or three referees for three-game slints this month. Players would officiate only in leagues lower than their own level of competition, and regular referees would take over whenever possible.

The 76 games remaining in the schedule would all be played between now and March 4, and A and B league playoffs would proceed as scheduled. As many as 24 games per night would be played.

Implementation of the plan is contingent upon cooperation of the teams involved. But Coffey is confident that enough will take part in the plan: the students are involved because they want to play. "We want people to play—I like to play," he said. If enough captains agree, the season may be saved.



Kevin Coffey officiates yet another IM basketball game. (Photo by Steve Cohen)

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## Betts picked

MIT Assistant Director of Athletics and Associate Professor Jane Betts was elected to the Association for Intercollegiate Athletics for Women Division III Vice-Presidency at their annual convention. Betts, a staff member of the Institute since 1976, will act primarily as a liaison between member schools and the AIAW Executive Board.

### THE CASE AGAINST MODERN ART A SELECTED BIBLIOGRAPHY

If you've ever had the feeling that despite the exhortations of professors, expensive printed seminars from the Metropolitan Museum of Art, and high-toned series on public television, you are destined to remain as unresponsive or antipathetic to modern art, literature, and music as you are today, this reading list is for you.

Selected And Annotated By Roger Kolb/Available Humanities Library

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# THE MINDS BEHIND THE PROGRESS.



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## Track finishes fifth

By Nichilas Rowe

While the Engineer indoor track team has been doing quite well this season, they were definitely outclassed by stronger squads in the Greater Boston Conference Championships held at Harvard last Sunday.

Northeastern took first place with 81½ points to finish far ahead of BU, which had 73 points. Harvard and Boston College took third and fourth place, with 67 and 39 points, respectively, while the Engineers took fifth place with a distant 6½ points. Tufts and Brandeis rounded out the field.

MIT received very impressive performances from Paul Neves '83 and Jim Turlo '81. Neves broke the previous MIT record with a 4:08.6 mark in the mile to capture third place; Turlo tied the MIT season mark in the high jump at 6'8" to capture fourth. Jeff Lukas '82 captured fifth in the 880 yard event, while Bob Walmsely '84 got a new MIT freshman record with a 9:27.4

mark in the two-mile contest.

MIT will try to finish the season with its best record when it meets Bowdoin on Saturday at 1pm.

on  
deck

Tuesday, February 10

Women's Basketball vs. Pine Manor, 7pm, Rockwell Cage  
Men's Fencing vs. Brown, 7pm, duPont Center  
Women's Fencing vs. Brown, 7pm, duPont Center  
Men's Swimming, Greater Boston Conference Meet, 5pm, Alumni Pool

Wednesday, February 11

Men's Basketball at Suffolk, 8pm  
Women's Gymnastics at Mt. Holyoke, with Smith, 7pm  
Club Hockey vs. Curry, 7pm, Special Events and Athletic Center

Thursday, February 12

Women's Basketball vs. Wheaton, 7pm, Rockwell Cage



Beaver forward Lou Odette breaks for the Nichols net after taking a pass from a teammate. (Photo by Steve Cohen)

## Hockey extends streak to seven

By Lou Odette

(Editor's note: Lou Odette is a member of the hockey team.)

MIT Hockey defeated Nichols College Monday night, by a score of 10-6. The win extended the Beaver's winning streak to seven games, and marked the first time MIT has defeated Nichols in over a decade of play.

MIT started quickly, taking the lead twice on unassisted goals by Dale Malone '83 and Tom Michalek G, but Nichols pulled even each time, the first on a penalty shot, and the second as an MIT defenseman tipped a high shot into his own net. Goals by Malone and Royce Barondes '81 gave the Beavers a two goal advantage to end the period.

In the second period, Michalek scored at the one minute mark, and Steve Selin '81 added another on a strong second effort, but MIT soon shifted into reverse, giving up three goals in four minutes. Nichols continued to press, and scored again just after Pat Foley '83 put a slow roller into the net.

With Rich Tucker '81 replacing Randy Grace '83 in the nets for the third period, the Beavers pulled ahead on goals by Michalek, Barondes and Paul Dinnage '84.

On Saturday, freshman Dinnage scored five goals, leading

MIT to a 7-5 victory over Wentworth. It was a repeat performance for Dinnage, who scored 5 goals against WPI in a game earlier this year, to match the MIT record for single-game goal-scoring.

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