

Equity level and class size set 1050 to be in Class of '85

figures represent equity and budget
levels in dollars.

2500	2950	3000	3400
8350	8800	8800	not set
'78-'79	'79-'80	'80-'81	'81-'82

1981 equity level announced: \$3400

By Stephanie Pollack

The student equity level for next year will be \$3400, an increase of 13.4 percent over the current \$3000 figure, according to Director of Student Financial Aid Leonard Gallagher '54.

The equity level is the minimum amount a student is expected to provide toward school expenses. The Academic Council approved the 1981-82 level on February 10, although next year's housing and food costs have not yet been determined. The equity level is usually based on the total student budget.

Director of Housing and Food Services Gene Brammer declined to comment on the level of the proposed increase, but noted that "we're fairly close to [determining] what it will be." Other Institute officials have placed the probable level of the increase in the range of 12-14 percent.

Gallagher said that the Financial Aid Office was able to convince the Academic Council that, regardless of housing and food costs, \$3400 was "the only logical number because it reflects the cost of living." Associate Dean for Student Affairs Robert Sherwood expressed some surprise that the equity level had been set before housing costs, noting that the equity level "presumably would have to take [housing and food costs] into account."

Fixing the equity level before determining the total student budget may create economic difficulties later. Gallagher noted that each \$100 increase above the figure estimated for the student budget when equity was set would create the need for an additional \$230,000 in unrestricted funds.

By Jerri-Lynn Scofield

The Academic Council decided on February 10 to set the size of the Class of 1985 at 1050 students.

According to Associate Dean for Student Affairs Robert A. Sherwood, an "optimum" class size of 1000 or 1025 students had been recommended. Sherwood added that he believes MIT "will phase into that over the next three years" and will eventually reach a "steady-state" level of approximately 1000 class members.

Vice President Constantine Simonides '57, said that the Admissions Office has been sent a "clear message not to exceed the 1050 student limit."

Director of Admissions Peter H. Richardson '48 confirmed that the class size had indeed been set at the 1050 level. Asked what the Admissions Office would do to insure that the limit set by the Academic Council would not be exceeded, Richardson said, "On the 27th of March [when admissions decisions are customarily made] the Admissions Office would admit fewer students than we did last year."

Richardson indicated, "We came in six [students] over last year," referring to the upper limit established by the Academic

Council.

Richardson commented that despite misconceptions to the contrary, the slight increase in class size was not the primary cause for the severe overcrowding experienced within the dormitory system this year. According to Richardson, that problem was caused "in part by 65 more upperclassmen returning [to the dormitory system] than expected and other factors such as a smaller rush than usual."

With the class size already proscribed at 1050 and the anticipated opening of the new dormitory at 500 Memorial Drive next September, more space should be available to accommodate transfer students, readmitted students, crowded undergraduates, and possibly even graduate students. With the current level of residence in the dormitory system, and the expected numbers of transfer students and readmitted students, Sherwood expects that approximately 65 or 70 undergraduates will live in crowded housing next fall.

Richardson noted that "as of the fifth of January of this year, 5632 [applications have been received]. That's up about 200 over [the number of applications

received at the same time] last year. We're now over 5800 [applicants]."

MIT's continuing applications climb contrasts with a report issued by Harvard University earlier this week. Harvard reported a decline in applications of 300 since last year. Richardson indicated that "we admitted no one from the waiting list last year." He mentioned that approximately 60 percent of the students accepted by MIT choose to matriculate at the Institute.

Asked whether MIT's admissions figure reflected any change in the level of women and minority applicants, Richardson reported that as of the end of January last year, 1010 women had applied to MIT. At the same time this year, 1122 women had applied, reflecting a rise of more than 10 percent. Richardson noted that the number of minority applicants has remained relatively constant over the last two years.

Richardson described the process of admitting students as "a bit like sailing when there's no wind blowing. You have to look around and gauge the wind."

Coop employees to vote on union proposal

By Ivan Fong

Arguments that Harvard Cooperative Society "employees do not need outside representation" are indications that Harvard Coop managers are strongly opposed to efforts at union representation, according to several Coop employees.

A vote of Coop employees and assistant managers to be held on March 26 was scheduled by the National Labor Relations Board last Thursday and will determine whether Local 1445 of the United Food and Commercial Workers' (UFCW) Union will represent the employees for collective bargaining, said William McDonough, a UFCW spokesman.

Harvard Coop organizers for union representation, including Joshua Kratka, Lili Dwight, and Bill Boles, all noted they were "pleased with the outcome of the hearing" regarding the election

date and voter eligibility.

James Argeros, General Manager of the Harvard Coop, has not released any statement concerning the unionization effort "out of respect for our employees and their right to privacy."

Mark Weinberger of the Tech Coop emphasized poor working conditions and understaffing as primary reasons for the employees' support. Dwight cited "a lack of responsibility of management to the workers with respect to pay," and Boles noted the "power in collective bargaining."

"The management is campaigning to make sure that employees do not feel pressured into voting for the union," said Kratka, "but that's a lot of crap." "Letters to employees on this issue have been insulting and patronizing," he added.

Most Coop workers seek accurate answers to questions concerning ramifications of union representation. Concerned Coop employees distribute a weekly newsletter called "The Scoop," which lately dispelled rumors of any loss of benefits if the March 26 vote passes. Efforts by the Coop management include a union-question-box to publically answer anonymous letters by employees.

A student director of the Coop who wished to remain unidentified commented "the general quality of employees will go down, as well as patronage rebates, as a result of the higher expenses incurred from unionization." He insisted "The members are being screwed." He noted that Yale's Coop, whose employees are unionized, have significantly lower rebate percentages than the Coop's 9.5 percent last year. "It's a shame the members don't have a say."

Dwight and Boles, however, contend that "the Coop can afford to pay [employees] better, ... more efficient management would offset costs, ... and the Coop would never lower rebates to pay employees."

The election was precipitated by a January 19 UFCW announcement that a majority of Coop employees had signed union authorization cards.

In a related development, a request by Tech Coop Manager Daniel Lunt for use of an MIT room was denied on Wednesday. The room was to have been used for interviews by a consulting firm concerning attitudes of managers toward unionization. Dr. Louis Menand III, Special Assistant to the Provost, said he denied the request to "avoid getting MIT involved in labor disputes." Menand is the official in the Provost's office responsible for allocation of MIT space to non-MIT groups.

Faculty OK's calendar changes

By Selina Lin

Faculty members unanimously approved the proposed calendar change for the 1981-82 academic year at Wednesday's February faculty meeting. The proposal, drafted last May, will move Registration Day from Monday, September 14, to Wednesday, September 9, and move Registration/Orientation (R/O) Week up seven days.

The change will leave two extra days between R/O Week and Registration Day for freshmen. However "R/O Week activities, presumably, will not expand," said Professor Arthur C. Smith, chairman of the Committee on Student Affairs. However, "there are plans for constructive activities," Holliday Heine, Associate Dean, responded.

Proposals on the final examination period were mentioned, but not discussed in great detail.

Provost Francis Low led a discussion on the problems of limited campus space and budget. Because of MIT's location, the Institute would have difficulties obtaining land for expansion in research, education, and parking, according to O. Robert Simha '57, Director of Planning. MIT must compete with commercial companies and developers for land space: areas such as Lechmere Square are being developed for office space and housing. Due to the great demand for space, the cost of renting or purchasing such space would be high. The present budget allots \$600,000 to educational expansion and approximately \$2 mil-

lion to research expansion. Therefore, "we should be prudent with the use of our land. The competition for land space is keen," warned Vice-President for Operations William Dickson '56.

A less expensive solution to the space problem is to renovate older space rather than relocating. "The utilization pattern must change. Some spaces are grossly under-utilized," Dickson added. Presently, the Plasma and Fusion Center, the Health Science Building and the new dormitory at 500 Memorial Drive are under construction. Funds are being sought for the renovation of a new lecture hall for the Electrical Engineering and Computer Science Department and a new building for the Physics Department.



GSC President Sharon Lee G was one of 134 students taking part in the Alumni Association's Telethon '81. Over \$30,000 has been pledged so far. (Photo by Kevin Osborn)

Alternate scholarship program falls short

By Stephanie Pollack

The Center for Alternative Scholarship Help (CASH) has failed to meet its goal of securing at least \$10,000 in outside scholarships for MIT students by the end of January.

CASH was established by the Undergraduate Association (UA) to serve as a resource center for graduate and undergraduate students seeking scholarships from sources other than MIT. Thirty-five applications have been filed on behalf of MIT students since the program's conception last October. Sixty-five additional inquiries from students have been received since the program officially began February 1.

CASH Chairman Peter Balbus '81 noted that most scholarship acceptance decisions are not made until March or April, and said he considered any money raised from applications filed before January 31 as applying toward the \$10,000 goal. The self-imposed target was established as a condition for receipt of \$300 from the UA Finance Board (Fin-Board) for initial costs. The funds came from the UA President's Special Projects/Consumer Services budget.

Director of Student Financial Aid Leonard Gallagher '54 said that the CASH program was operating independently of the Financial Aid Office but with "our knowledge and understanding of the mission to be performed by students in this area." Gallagher cited several reasons for Financial Aid's failure to help students find outside scholarships, but conceded that "these are all excuses for why we're not doing something we should be doing."

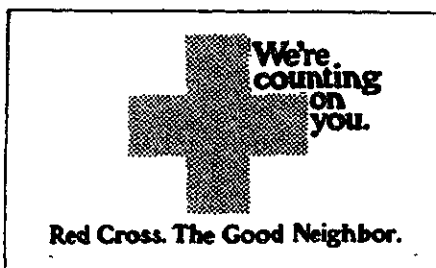
Balbus noted that CASH was understaffed and has had difficulty recruiting student volunteers. Besides Balbus, three other students have been working on the program. Balbus said that he is "putting in two hours per week tops—I just don't have the time."

Balbus commented that he would like to set up an experimental program under which students who received outside scholarship money would not have the total amount of the award deducted from their MIT financial aid. "I've put a balloon up and it's been shot down"

Balbus said.

Gallagher confirmed that the Financial Aid Office currently considers all outside scholarships to be personal resources and therefore deductible from MIT aid. He noted that at one time MIT used "a formula approach to outside grants such that the students got to retain a part of them as gravy." Gallagher cited the reason for the current approach as "financial—we're hitting up the Institute for \$2.7 million in unrestricted funds."

Even without a change in Financial Aid's policy regarding deduction of outside awards, "students who are getting nothing from MIT stand to gain substantially" from CASH, according to Gallagher. He noted that the policy on deduction is always "rightly under fire" and is reviewed annually, so that a change might be made if CASH proved highly successful.



Conferences

The National Association of Independent Schools' Annual National Conference will be held at the Sheraton Boston Hotel. Workshops, seminars, lectures, exhibits, and panel discussions will be held on all aspects of elementary and secondary education. Fees for the conference are \$20 for members and \$30 for non-members. For additional information, Anne Rosenfeld of the NAIS, 18 Tremont St., Boston, should be contacted, at 723-6900.

* * * *

The United Nations Association of Greater Boston is sponsoring an "International Careers Forum" on Saturday, February 28, to explore with students the multitude of international careers in both the private and public sectors. Seminars will be held on law, journalism, banking, and non-profit organizations. Space is

limited. Those interested should contact Elizabeth Reed in the Career Planning and Placement Office, 12-170.

Catholic Worker Movement," on Friday, February 27, at 8pm

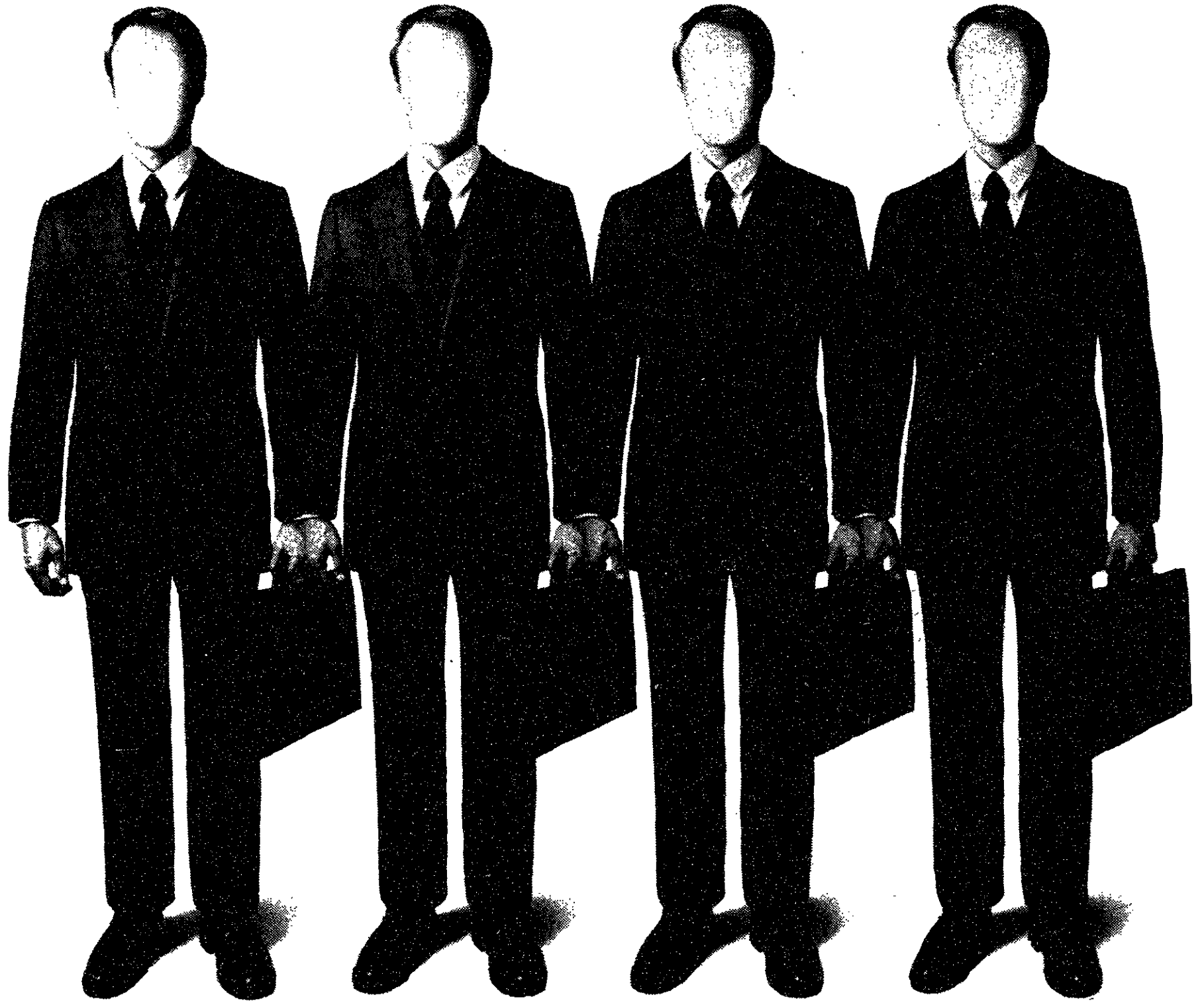
Meetings

On Wednesday, February 25, from 2 until 4pm the Director of the Environmental Intern Program will hold a meeting in the Emma Rogers Room, 10-340, to inform undergraduate and graduate students about paid summer work opportunities sponsored by the program. These internships are within government agencies, corporations, and non-profit organizations. Program descriptions and applications are available in the Career Planning and Placement Office, 12-170

* * * *

There will be a meeting for student interested in joining the MIT Association for Recording Science in 20F-009 at 2 pm on Tuesday, February 24. For more information, contact Jon at x5-6663.

The Black Rose Lecture Series will present Robert Ellsberg on the subject of "Religious Anarchism: Dorothy Day and the



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news roundup

World

Polish student sit-in resolved — The Polish Government agreed last Wednesday to an accord with students at the University of Lodz who had been staging a 26-day protest. The agreement, representing a step towards university autonomy, provides for registration of an independent student association not under Communist Party control and allows curriculum decisions to be made by individual institutes or a university senate.

Administration will comply with hostage deal — The Reagan Administration has decided to abide by the terms of January's agreement with Iran concerning the freeing of the 52 hostages, although "the present Administration would not have negotiated [for the release]. Future acts of state-sponsored terrorism against the US will meet swift and sure punishment," a spokesman said.

Nation

Reagan proposes budget cuts and individual and business tax reductions — In an extensive outline of his economic policy to Congress Wednesday, President Reagan presented a \$695.5 billion budget, \$41.5 billion lower than that of Carter's, in an effort to balance the federal budget by 1984 and reduce the rate of inflation. Reagan recommended a ten percent reduction of personal income tax over the next three years and cuts to 83 major programs including public-service jobs, student loans, and solar energy. Reagan, however, increased defense spending \$7.2 billion to bring the military share to 32.4 percent of the budget by 1984.

Antiabortionist may head Office of Adolescent Pregnancy Programs — Marjory Mecklenburg, president of American Citizens Concerned for Life, is "under serious consideration" to head the office responsible for the government's teenage birth control and teenage pregnancy counseling services, a spokesman for Secretary of Health and Human Services Richard S. Schweiker said Tuesday. Mecklenburg's organization, formed to oppose abortion and to advocate "alternatives to abortion," maintains that adolescents should "postpone sexual involvement," and that contraception should not be "the first line of defense."

State

Reagan proposals "devastating" to students — Director of the Massachusetts Higher Education Assistance Corporation Dr. Joseph Cronin called the reduction of federal loan money and increase in Guaranteed Student Loan interest rates "devastating" to Massachusetts college students which could cause up to 10,000 students to withdraw. Cronin specified that "It would really hurt middle-income people."

Decline in high school drug use reported — The number of high school seniors who have admitted to having smoked marijuana has declined, according to results of a survey released Wednesday. Dr. Lloyd Johnson, who conducted the study commented, "The dramatic rise over the last two decades in the proportion of young people involved with illicit drugs appears at or very near an end. The survey was sponsored by the National Institute on Drug Abuse and has been conducted annually since 1975. Approximately 17,000 students were questioned."

Ivan Fong and Jerri-Lynn Scofield

Weather

Rainy and mild today with highs near 50. Light rain will persist during the day, with occasional heavier showers. Winds will be easterly 10-15 mph during the day, decreasing tonight. For tonight, showery and mild with lows near 40. Rain should end Saturday morning, leaving partly sunny skies by afternoon and highs again near 50. Cooler Saturday night with lows near 35. Partly sunny Sunday with highs in the lower 50's. Chance of rain near 100 percent today, 70 percent tonight, decreasing to 30 percent by Saturday afternoon, 20 percent Sunday.

James Franklin

BS/MS Computer Science, Mechanical & Electrical Engineers

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Editorial

Honest answers

February has once again been marred by the announcement of an exorbitant tuition increase. Compounded by the tidings emanating from the Financial Aid Office of the 1981-82 equity level and the news issued by Housing and Food Services of future costs in that area, the expense of attending college next year is sure to be even more outrageous than the cost for the current year. Vague, impersonal Institute announcements in no way ease the burdens of students already saddled with weighty financial demands.

We can almost sympathize with the Administration's plight. After all, no one can seriously argue that the Institute willingly raises costs unreasonably just to allow MIT once again to claim the dubious distinction of providing one of the most expensive undergraduate experiences of any American university. The Administration should not be unfairly castigated for attempting to adjust to hostile economic conditions while striving to maintain the quality of an MIT education.

There are valid reasons for raising tuition, such as the need to maintain competitive faculty salaries, the necessity of adjusting for the deleterious, devaluing effects of inflation, and the importance of insuring that compensation will be available in the event that sources of Federal and outside support decrease significantly. But the Administration, demonstrating its characteristic aplomb, has once again failed to articulate these sensible motives to those directly affected by its recent decisions — the students.

The latest round of price increases may force many MIT students to make trying decisions over the next year about the future of their careers at MIT. The Institute owes its students attentive, responsive answers to their concerns, rather than the polite, insensitive platitudes and expressions of mock concern that have so far been issued.

Getting outside aid

The combination of rising tuition and decreasing availability of student loans dictates that MIT students increasingly turn to outside sources for scholarship and grant money. Unfortunately, the effort needed to locate non-MIT financial aid will remain futile for many students because outside funds merely displace money that would have been received from MIT.

Leonard Gallagher of the Financial Aid Office admits that more efforts should be made to pair students with outside scholarships. Rather than assuming this responsibility, however, the Financial Aid Office has chosen simply to monitor the efforts made by a small number of students to provide such services.

The Center for Alternative Scholarship Help (CASH) was recently established under the auspices of the Undergraduate Association (UA) to serve as a resource center for students trying to locate outside sources of financial aid. Whereas response from students interested in CASH's services has so far been promising, few students have shown similar enthusiasm for administering the program. Most of the neatly typed file folders in the UA Office that should hold CASH's scholarship information are currently empty.

The Financial Aid Office could offer the fledgling program much-needed assistance by changing its policy regarding classification of outside scholarship money. Non-MIT scholarships are considered part of a student's personal resources, and so are subtracted from MIT aid grants just as savings or summer job earnings would be. Changing this policy so that less than one hundred percent of an outside award is subtracted from MIT financial aid would encourage students to seek non-MIT scholarships, and would eventually reduce MIT's aid burden.

CASH may prove to be one of those wonderful ideas that never work, but the Financial Aid Office is obligated to accord this experiment — a student effort to fulfill Institute responsibilities — more than benign neglect.



→ feedback

Tuition increases must stop

To the Editor

The regular raising of tuition has become a tradition to the MIT bigwigs as sacred as any in the past. It isn't difficult to come up with a viable reason for "needing" more and more money each year, (ie costs rising, inflation, energy, competitive salaries, etc.), but how many of us get \$1200 increases each year when the price of gasoline goes up, or when inflation runs into double digits? The plain fact is that future increases have to stop, and stop now.

Furthermore, the statement it's only a 19 percent hike over the correct figure is purposely misleading. 19 percent (19.35) doesn't do justice to a \$1200 increase. By the same token we could just as well say that next year's tuition is a 40 percent (39.62) increase from just 2 years ago, or a 57 percent (57.45) hike from just 3 years ago.

The tuition article in the February 11 issue of *Tech Talk*

further shows the current split between MIT and students.

The article focused on President Gray's defense of next year's proposed tuition hike. It stated that President Gray said that "the need for student aid funds is another factor driving tuition." Basic economics will tell anybody that raising tuition is not the way to cure those with financial troubles, in fact it will merely put more people INTO financial difficulties. And more importantly, the article ends with a quote from Paul Gray:

"Despite financial pressures we are determined to uphold the tradition at MIT that talented students with the capacity to do MIT-level work will not be denied an MIT education because of lack of money."

This ending quote is cleverly designed to give everyone reading the article the feeling that Paul Gray and MIT are constantly, in

the face of horrible financial pressure, making sure that all who wish to learn are given the opportunity. Such clever use of technique is not new to *Tech Talk*, or MIT. And after reading such biased literature, I can only wonder where the future's endowments will come from. Will we feel pity on those then in school, or will we feel hatred for a place that attempted to cover up for the fiscal mismanagement that we directly felt.

Name Withheld By Request

ACWSI only advises

To the Editor:

I would like to reply to Mr. von Zelowitz's article of February 13, entitled "Focusing on the Trivial." It appears to me that Mr. von Zelowitz too closely read the original article appearing in *The Tech*. The opinion expressed by our chairman, Millie Dresselhaus, was simply that—an opinion and advice. We are in no way trying to curb anyone's view to see Registration Day movies. *The Tech* had asked for a statement from our group, following the original controversy. We agreed to add this item to our agenda. I must emphasize that this is not a major concern of the committee. Rather we are currently involved in assessing the housing situation of undergraduates and the services of the Medical Department. It would be appreciated if, in the future, Mr. von Zelowitz would research his facts a little more closely. The comment made by Dr. Dresselhaus is followed in the same article by the statement of Dean Heine that "ACWSI is trying to encourage its viewpoint, but its view does not have to be followed." While agreeing with Mr. von Zelowitz on the trivial nature of the original issue, I must nevertheless disagree with his implication that ACWSI is both trying to impose its rules on the student population and doing so on a trivial issue. We are an advisory committee. We do not legislate.

Susanne von Rosenberg '83
Student Representative, ACWSI

Tuition complaints ignored

To the Editor

Undergraduate tuition at MIT has increased by 248 percent from 1970-71 to 1980-81, and our tuition will increase again by 19 percent to \$7400. Many of us complained to the Academic Council, but none of them care about an individual student's woes. Director of Student Financial Services Jack Frailey '44, when asked about students who may be forced to withdraw from MIT due solely to high expenses, said "That's a tragedy . . . We expect students' parents to pay their share . . ." An article on President Gray in the *Technology Review* stated, "For at least 50 years the difference between the cost of an MIT education and its price has been a ratio of 1.8 to 2.2. 'What this means,' Dr. Gray told the Alumni Council, 'is that every student of MIT received through the Institution a hidden scholarship which was roughly equivalent to what he or she paid in tuition.'" In another article, on finances at MIT, Director of Finance John Currie advocates "continued increases in tuition and room-and-board charges, keeping pace with inflation." The Administrators at MIT think we are here to support the Institute. It is here to support us.

Friday's *The Tech* carried an article on the meeting between the Academic Committee and students. "The student audience was annoyed by the suddenness of the announcement, and suggested that student input be considered by those who set the tuition level." Why should the Academic Council care if students get annoyed since we never express disapproval as a group? A person, or group of persons, in an attempt at organizing us, pasted up signs saying, "7400 TOO DAMN MUCH . . . come to a protest . . ." Organizing students means much more than protests and putting up signs. Students need to effectively communicate ideas with other students. Almost every one of us feels strongly about the increase, and each has his own answer: cut unnecessary expansion, increase research revenues, draw money from the Institute's investments (total market value \$507,471,000).

We cannot prevent the next increase of \$1200. We can complain, sulk, talk about protests, protest, and accomplish nothing. Because the student newspapers can only carry a limited number of student opinions, only a few students ever can get their points across. We need a new form of

(please turn to page 5)

The
Tech

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opinion

Glenn Ackerman

Innocence regained: the popular arts

Editor's note: This is the second in a series of two columns.

Through most of our 200 years as a nation, America had a national character that seems very remote from our life today. This lost America was a simpler and more patriotic society — Horatio Alger's America, filled with materialistic dreams of rags to riches. The American people had naive, absolute conceptions of good and evil, and an absolute belief in the destiny for greatness.

Recent political and social events (the election of Reagan, the upswing of religion, the surge in patriotism at hostages' release, etc.) seem to indicate that we are returning to our former selves. The most persuasive realizations of this are the current trends in the popular arts.

In the 60's and early 70's, the traditional American values were turned on their ear. Notions of good and evil were specifically reversed. Popular movies were *Butch Cassidy*, *Dillinger*, *Bonnie and Clyde*, *The Godfather*, and even *The Sting*. Compare these with images of good and evil in modern hits like *Star Wars*, *Superman*, *Flash Gordon*, *Popeye*. These movies are as naive and simplistic as the comic strips they represent. Such clearcut good/evil distinctions have not been seen with such consistency since the 40's and early 50's with cowboys and Indians, cops and robbers, and war movies.

The movie *The Graduate*, as well as the musical *Pippin*, was a major indictment of society. Each featured a protagonist who had all possible benefits of society, yet was not happy. On the other hand, more recently movies have a tendency to uphold in some way traditional values. *Kramer vs. Kramer* reaffirmed in a modern sense that family closeness is important. *Rocky* showed that one can still struggle against the odds. Even *All That Jazz* illustrated that too much wine, women, and song results in disaster. Most recently, we have had a string of cheap horror movies, reminiscent of those produced in the 50's, and a lot of mindless comedies, very much like those of the 1940's now seen on the late show.

The trend backwards is even more dramatically illustrated by the Broadway theater. Former hits were *Chicago* (an ode to the gangsters of the 20's), *Equus* (why a psychotic blinded a stable of horses), *Cabaret* (an illustration of decadence triumphing over good), *Candide* (honest, decent

boy is not able to achieve happiness in the world). Perhaps the best example is *Hair*; the musical starts with a rural American boy with traditional American standards, and then goes on to reject those standards.

Now, look at the theater today. The biggest hit on Broadway is *Annie*. There has recently been a string of revivals of traditional shows including *Oklahoma!*, *Brigadoon*, and *Peter Pan*. *A Day in Hollywood*, *A Night in the Ukraine* is half 1930's Hollywood musical, half 1930's slapstick comedy. *Barnum* is about that legendary American prince of humbug. *42nd Street* is a classic tale of anonymity to stardom, or rags to riches. There are many more examples of this in the last two years.

It is interesting to note that American popular culture from the late 70's to the present first looked back to the 60's with *American Graffiti* and *Beatlemania*, then to the 50's with *Happy Days* and *Grease*, and finally to the 40's with many theatrical revivals and the "mindless, comic strip" movies. Broadway has already reached back to the 30's with *42nd Street* and *A Day in Hollywood* . . . There has even been an attempt to revive a 1920's musical!

The next and more difficult question is why are the political, social, and artistic trends pointing backward? We can only hypothesize about the reasons. In the 19th century, Alexis de Tocqueville wrote two volumes on how democratic institutions influenced American life. He felt that our government and economic system were responsible for our national character. Many of his observations are still valid today. What we are probably seeing now is the recovery from severe shocks that profoundly affected us (the depression, McCarthyism, Viet Nam, Watergate), but no longer do. This recovery may allow our institutions to reestablish their natural influence on society, so that the effect they produced a hundred years ago is still the effect they produce today.

One cannot say whether this trend is good or bad — that is a deep moral and philosophical question whose answer remains to be seen. Nobody can predict the future, but if we do progress backward, it would be a phenomenal occurrence — a society becoming simpler and more naive. It would truly be "innocence regained."




feedback

Complaints on tuition ignored

(continued from page 4)
public communication. Perhaps we can use those TV sets located throughout the halls; or if worse comes to worse, the student government can publish a newsletter of student opinions. We have student organizations; the leaders of these organizations can themselves organize into one more powerful student union. Maybe next year, when the tuition increase gets discussed, there can be some real student input. Or, maybe not.

Roger Spellman '83

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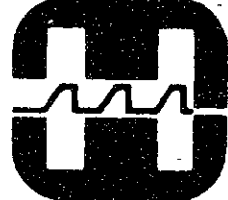
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THE MINDS BEHIND THE PROGRESS

feedback

Shelters dangerous

To the Editor:

It isn't clear to me exactly what the purpose was of the feature article entitled: "In case of emergency . . ." When I started the article, I expected that the author might raise some of the rather long-standing arguments against fallout shelters. I quickly realized that it was nothing but a cheerful description of where we could expect to huddle awaiting our destruction in the event of a nuclear attack.

Does *The Tech* truly believe that these shelters would serve any real survival purpose in the event of a nuclear attack? One of the major criticisms of fallout shelters was presented the last time they were in vogue in the US, and recently in the UK, where the government issued a pamphlet entitled "Protect and Survive." It, stated simply, is this: fallout shelters give the populace a false feeling of invulnerability, making escalation of the arms race and of general international tensions more acceptable. Does anyone in their right minds really expect that a shelter in a basement, constructed of some concrete blocks, and stockpiled with limited (for most, what they could grab in the few minutes before attack) rations, could ever adequately safeguard anyone? Especially in the Boston area, where one could expect a truly major attack?

For that matter, would McCormick save us, even if we were all on the guest list? Your article notes that the fallout shelters are no longer stocked with food and water, although it is heartening to know that the Director of Nuclear Civil Protection expects that the budget for stocking shelters "may be boosted during the Reagan Administration." The commonly available literature devotes little attention to a crucial question that people who are relieved by the existence of fallout shelters on campus should consider, namely, what do we do after? This isn't to say that no thought has been given to the problem.

New Statesman, a British weekly, revealed several official British documents in October of last year. They pointed to, among other things, internment of government critics in the event of a nuclear emergency, and total military control of major transportation routes and of food and health services. One might

wonder if similar planning has gone on in the US. In fact, we know from documents received under the Freedom of Information act that the US government maintains a list of persons to be detained in case of "national emergency," who might be expected to criticize government action or fund such criticism.

Whether *The Tech* may be loath to include the above sort of commentary on civil defense policy in its pages, or whether it did not provide its writer with enough suggestions and guidance isn't really what bothers me. *The Tech* does have a responsibility, as a self-proclaimed "responsible" newspaper, to look behind the surface of issues such as this, and present true options for the MIT community to consider, and it now has a chance, under new leadership, to do so.

Bill Hoffman G

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February 26 & 27

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MacGregor to go coed?

By Michael Potter

MacGregor House, the only all-male dormitory on campus, is considering a proposal that would transform part of the house into an all-female living group.

Under the proposal, presented by House president Dave Medek '82, the fourth floor of the low-rise will be set aside as an exclusively female area. Stuart Atlow '83, a spokesman for fourth-floor low-rise residents, stated that "In principle, we're not opposed to going coed." His objections to the proposal were that it does not create a coed living arrangement and that the plan displaces "more people than necessary."

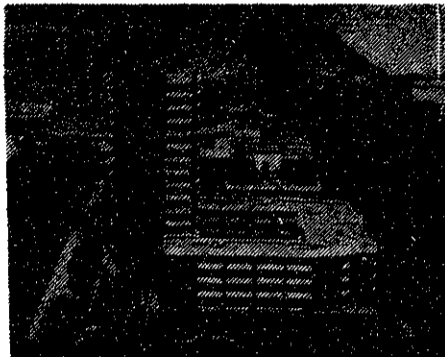
"The attitude seems to be that going coed is nice, as long as I'm not the one who gets displaced," Medek explained. Consistent with that view, there seems to be no well-defined opinion coming from tower residents, although reaction in the low-rise runs strong. "I don't want to be shuffled around like a joker in a deck of cards," one student complained.

The number of incoming women will determine the size of the section to be set aside. Current male residents will be moved until the fourth floor is entirely female. The women will be members of the living area, or entry, in which they are placed for house governmental and social functions. House room assignment policies will have to be modified to accommodate the changes and the displaced male students.

This plan was presented to the MacGregor House Committee on February 11. On February 12, an open forum on the coed issue was held in the MacGregor Dining Hall. Approximately sixty students, almost all from the low-rise entries F, G, H, and J, were pre-

sent to debate the proposal.

The students at the forum voiced almost unanimous opposition to the proposal, since most of those who would be affected were present. Some wanted only those entries that would be affected to vote on the issue. There was much concern about room assignment priorities for those who would be displaced. Relocating entire suites of six people together within the House would be almost impossible. Although the new dormitory at 500 Memorial Drive is due to open next Fall, displaced students cannot guarantee getting appropriate priority there.



The House Committee initially considered the proposal in closed session. Representatives of the nine entries as well as the House president and vice-president were present. According to Medek, "In general, the tower entries were not willing to make any concessions such as giving room priorities to transfers out of the low-rise," who would be affected by the change. Medek said he feels that the women would share the House and therefore the tower entries would benefit. He believes that the burden of room reassignments should not fall entirely on the low-rise.

The House Committee can be forced to hold a binding referendum on the issue if the appropriate petition from house residents is presented. Once ap-

proved by MacGregor House, any proposal would go to Dean Robert A. Sherwood, Associate Dean of Student Affairs, who would make the final decision. Medek said he felt that the Housing Office wanted more all-female living groups. McCormick Hall, the only dormitory on campus that is exclusively female, was highly oversubscribed last year. Any coed dorm arrangement amenable to the Dean's office would have to be at least 25 percent female and provide a "mutually supportive atmosphere" for the women, said Medek. The fourth floor of the low-rise could meet these requirements while displacing fewer people than any other plan yet considered.

"I'm not inclined to let MacGregor go coed for the sake of going coed," Sherwood commented in an interview on Thursday. He said that the current need for coed housing was "saturated" and there is still a shortage of all-female housing. The new dormitory at 500 Memorial Drive is "not conducive to single-sex living groups" Sherwood explained, since it has long hallways rather than individual suites. Apparently, it will not alleviate current housing problems for women. Last year about forty students who wanted to live in McCormick Hall were turned away for lack of space, according to Sherwood.

Medek also noted that the Dean's office was being reasonable in its requirements. He said that the 25 percent figure was based on past experience with other dormitories and was not just an arbitrary number.

The idea for the coed proposal came from a straw-poll held on December 4, in which 72 percent of MacGregorites who voted indicated a desire for the House to go coed. However, 69 percent were opposed to the change if they would have to be moved out of their entries. About 60 percent of the House residents voted. Now that the issue has been vigorously debated, another poll could show a considerable change in opinion.

MIT student granted Marshall Scholarship

By Tom Lored

Steve Solnick '81 was one of thirty American students awarded Marshall Scholarships, Awards entitling them to up to three years of study at a British university of their choice.

Solnick is a senior in the Physics department. He was editor-in-chief of Volume 100 of *The Tech* and has been active in Dramashop. Solnick will study Philosophy, Politics and Economics at Oxford University with his scholarship.

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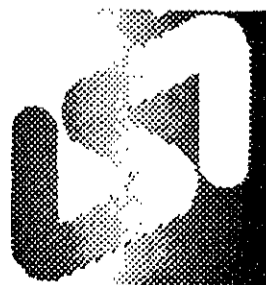
"distinction of intellect and character are evidenced both by their scholastic attainments and by their other activities and achievements," according to the Rules for Candidates.

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"I am excited and looking forward to it," remarked Solnick.

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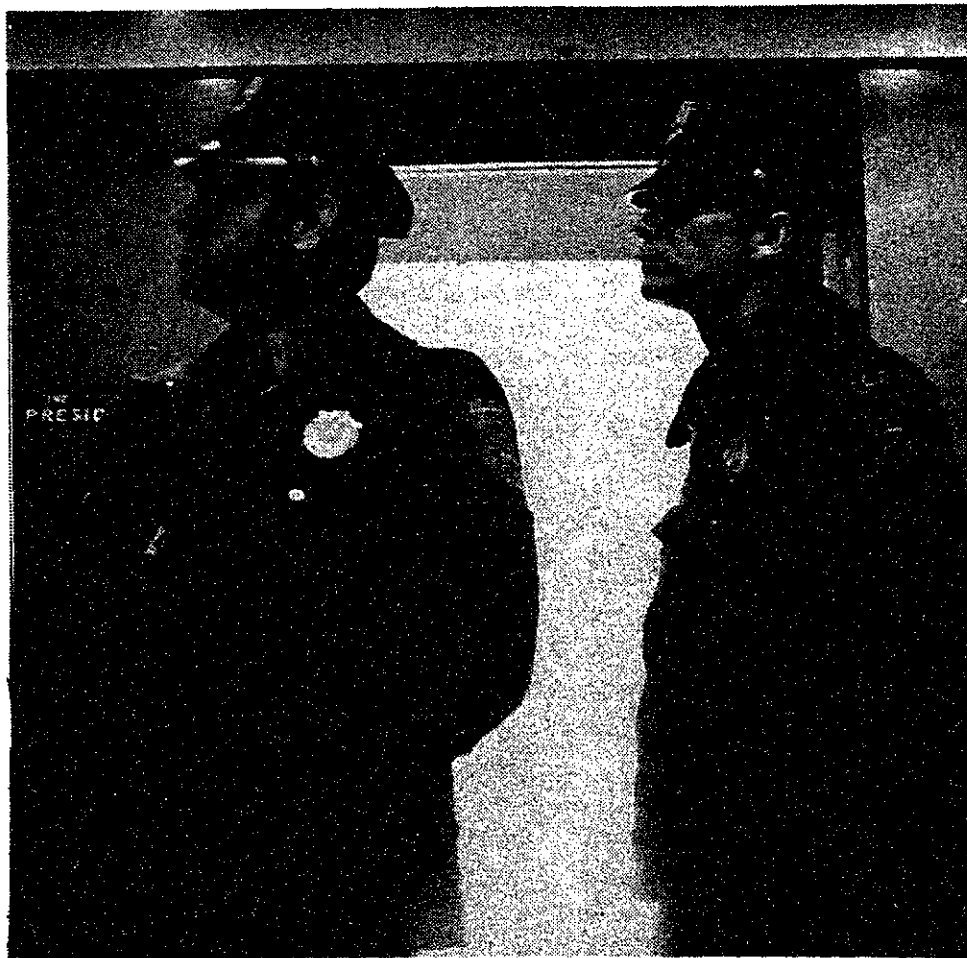
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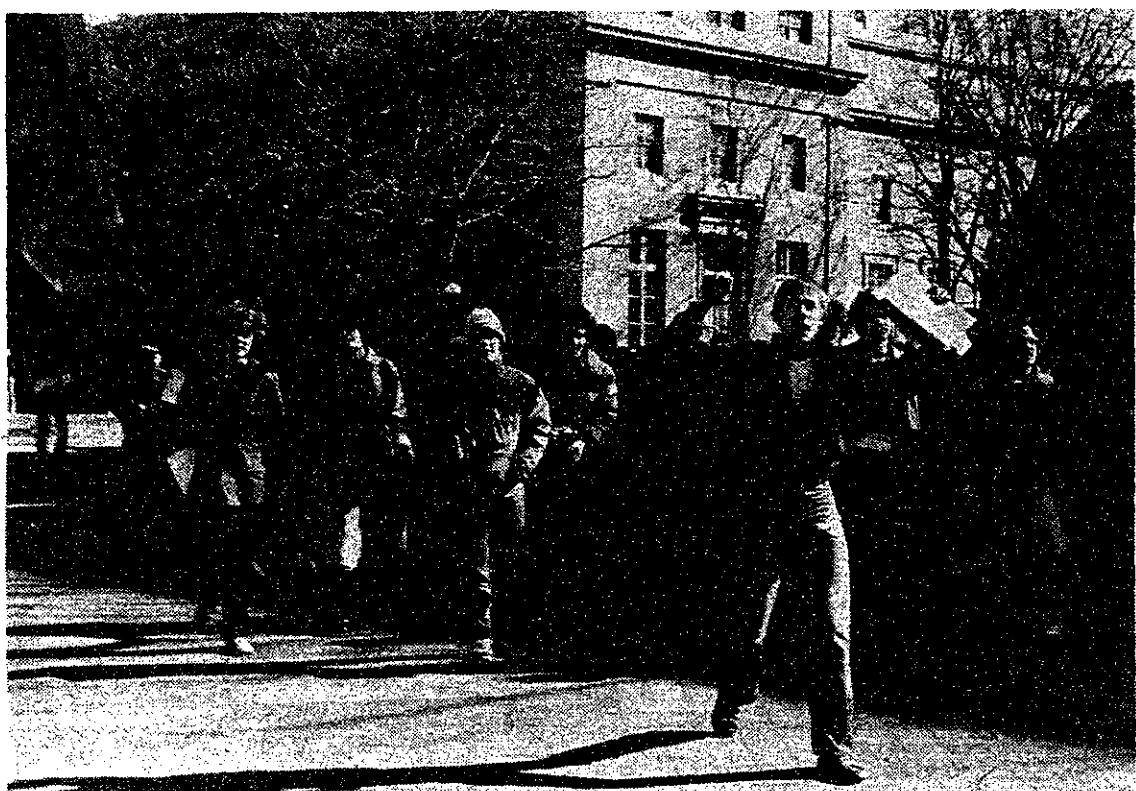
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Kevin Osborn



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Steve Cohen

At least 250 students gathered around the Great Sail at noon last Friday to protest next year's \$1200 tuition hike. Passersby joined in chanting "7400 too damn much!" and "2-4-6-8, we can't afford to graduate!" (above)

The group then marched down the infinite corridor and up to President Gray's office, as the sound and smell of firecrackers filled Lobby 10.

At the President's door the group was met by three campus patrolmen, who estimated the crowd at greater than 150. At least nine security men were present, both uniformed and plainclothed. (top right)

After milling about uncertainly for ten minutes, the protesters spontaneously staged a sitdown outside Gray's office. (bottom) A man standing quietly on the edge of the crowd asking if he could answer any questions was greeted with the cry of "Who are you?" A quiet discussion then ensued between demonstrators and the man who identified himself as Dean Robert Alberty. Provost Francis E. Low and Vice President Constantine Simonides (above right) also responded to the students.

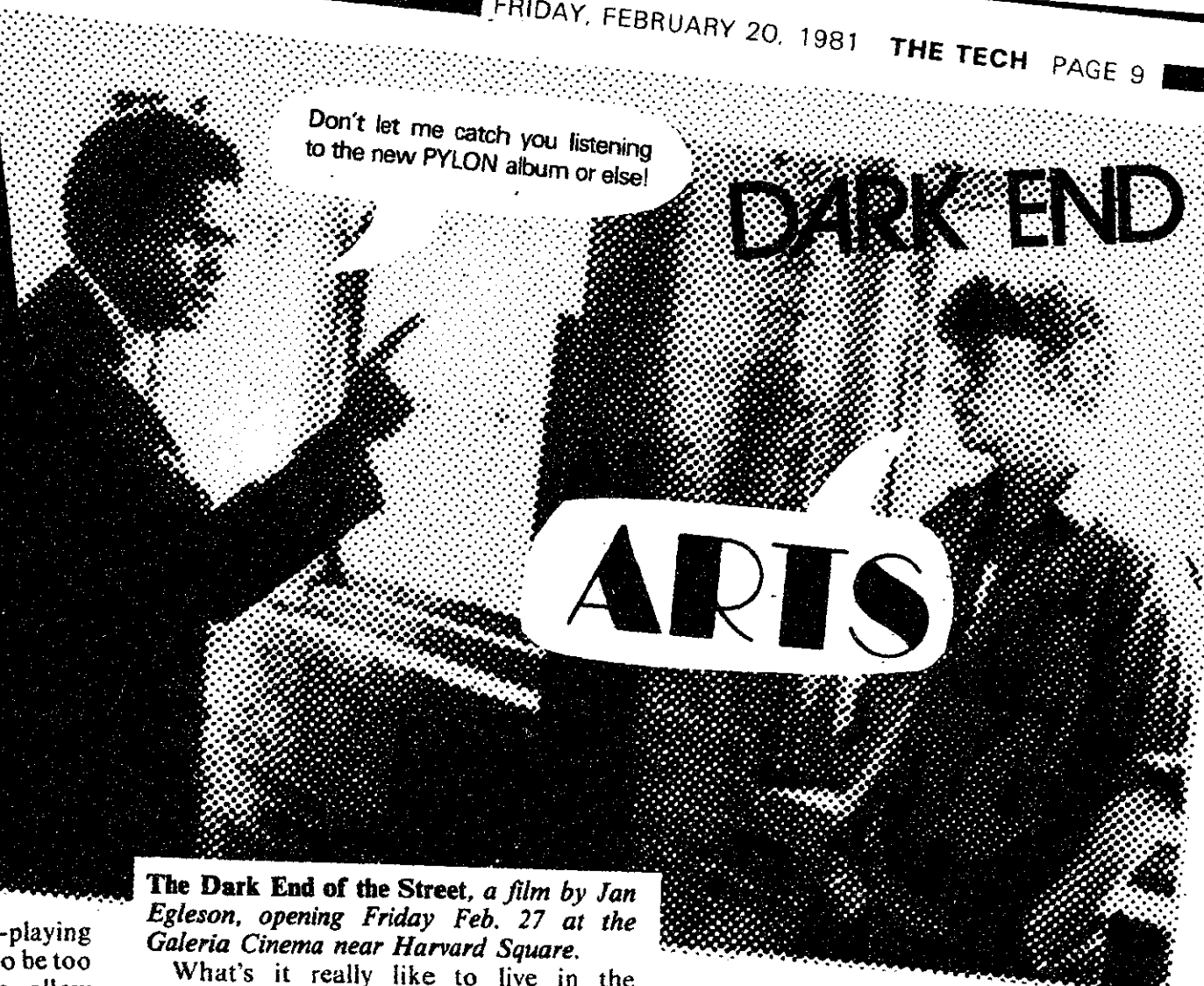
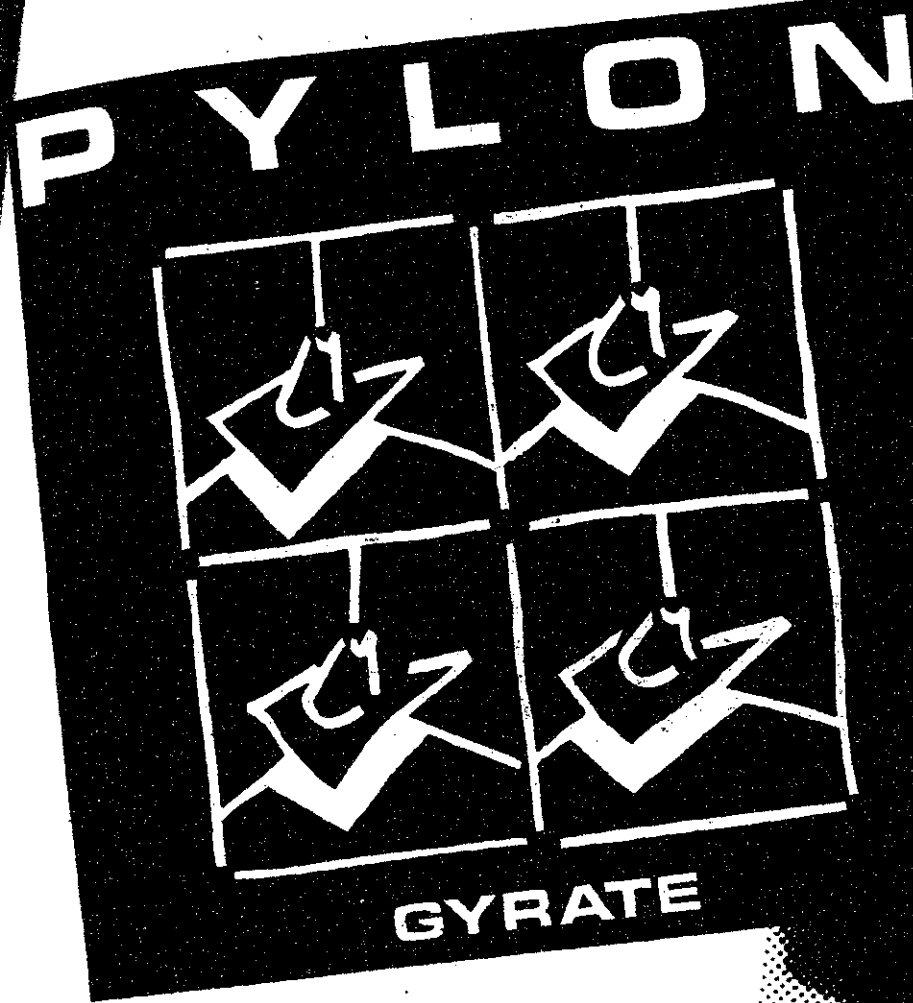
By 1:10 the smell of gun powder had dissipated and the group was dissolving as the scene outside the President's office returned to normal.



Kevin Osborn



Steve Cohen



Gyrate, on DB Records (Import).
 Pylon's debut album, *Gyrate*, is a solid piece of heavy new-wave, tight and energetic though not distinctively original or intriguing. Although Pylon displays substantial potential, *Gyrate* is weakened by the group's self-imposed limitations and apparent disinclination to take too many risks. This album will be quite satisfying for those who like the heavier side of the B-52's, but will exhaust any one whose preferences run more in the direction of the Police or the Jam.

Like John Foxx's Ultravox, Pylon works primarily around stark, interesting lyrical images. But instead of surrounding their simply and brutally phrased dissections of modern-world life with the hypnotizing solemnity of Ultravox, Pylon goes for a more pulsating, direct musical accompaniment. Instrumentally they display all the characteristics necessary of an excellent band. The drumming of Curtis Crowe provides an energetic and tight framework for the rest of the group. Randy Bewley's guitarwork is sparse, but excellently phrased. Unfortunately, he is frequently forced into a subordinate role by the bass and vocals of Michael Lachowski and Vanessa Ellison, when the music would be better served if he were to really to let

loose. Michael Lachowski's bass-playing is, if anything, too good; he seems to be too much in control, to hesitant to allow pauses to creep into the music. Vanessa Ellison sings in a tough style which is well suited to the overall tone of the group, but she allows herself to be excessively dominated by the heavy, pulsating beat.

If anything, the major failing of Pylon's music is that it is too stringently cohesive. The band works in similar directions on every phrase, without ever expressing themselves individually. Each cut on the album begins very promisingly, but then slips into a monotonous pulse which prevails through the closing bars. Although some of the lyrics are a bit too esoteric, like "Driving School" ("The driving school—a parking place/seatbelt-windshield-dashboard-floor mat . . ." right down to the spare tire), in general they are insightful and interesting. The lyrics unquestioningly demand a hard-nosed treatment, but they would be much better served if they were occasionally offset and contrasted by a more melodic or relaxed musical line. Because the listener is never softened up with a sweeter delivery, the harshness of the album loses its effectiveness after the third or fourth cut. Not surprisingly, my favorite cut on *Gyrate* is "Weather Radio," the album's only instrumental. Unassuming in its lack of direction and intensity, this track is a refreshing contrast to the ten other songs.

Even though I was not particularly satisfied with this album, quite a few people are and even more will be as it gets more exposure in the coming weeks. I only feel that Pylon is capable of doing better; their next album ought to be much more impressive, if they loosen up and take a few more risks.

The Dark End of the Street, a film by Jan Egleson, opening Friday Feb. 27 at the Galeria Cinema near Harvard Square.

What's it really like to live in the city? *The Dark End of the Street* explores this question with a drama, staged in and around a housing project of the inner city. Filmed entirely in the Boston area, the drama gives one a glimpse of city life rarely encountered in sheltered environments like MIT.

As soon as one gets over the shock of realizing that there is a *real world* outside of MIT, one can begin to explore it. For the naive, Egleson's film is a good place to begin that exploration. *The Dark End of the Street* deals with the conflicts that arise in an imperfect society such as our own. The plot is very simple, almost too simple to be enjoyable: Billy (Henry Tomaszewski) and his girl-friend Donna (Laura Harrington) are surprised when their friend Ethan

(Terence Grey) shows up late at night. Althree are up on the roof of the housing project, the local "hangout." It soon becomes apparent that Ethan is drunk, but before Billy can grab him, he falls and is seriously injured. Billy leaves the scene of the accident afraid to face the police. Subsequently, the police suspect Brian (Al Eaton), a young black man seen earlier at the scene of the accident. The movie goes on to detail the conflict between Billy, who would rather see Brian convicted than face the police and tell the truth, and Donna, who is torn between loyalty to Billy and injustice to Brian. Meanwhile, Ethan dies, raising the dramatic tension of the film. In the end, the movie follows the much-used path in which justice wins out. Brian is released, and Billy must face the police.

Egleson clearly defines the conflicts of each individual in the drama, be it the detective, the accused, the girlfriend or the frightened Billy. In defending individual roles, Egleson goes too far. One can easily predict the actions, and even the lines of the characters.

The Dark End of the Street gives us a portrait of city life complete with racial tensions, fear and dishonesty. It does not adequately analyze, explain or justify this portrait. Egleson provides a believable series of events, but he provides little material for reflection once the lights go up.

Jeff Friedman



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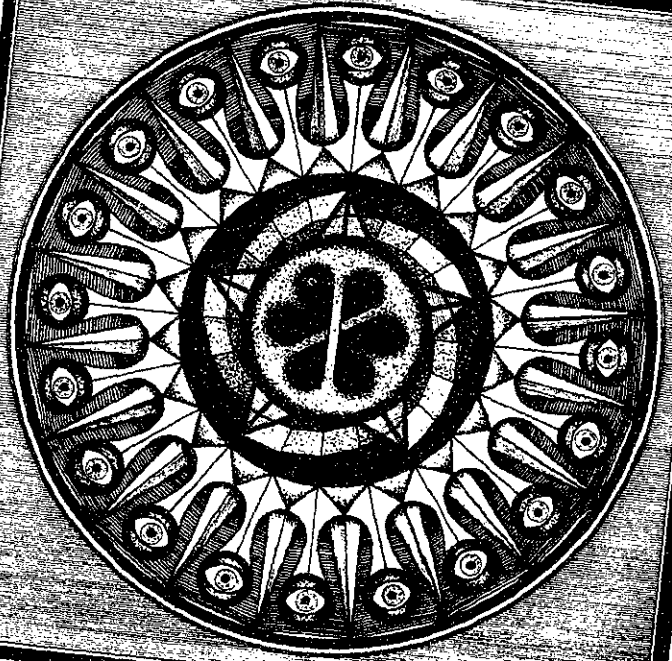
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**Bloody Valentine:
bloody 'orrible**

Oklahoma! by Richard Rogers and Oscar Hammerstein II. Directed by William Hammerstein with choreography by Agnes de Mille. At the Metropolitan Center through March 8.

When *Oklahoma!* first opened in 1943, no one expected it to do well. The composer and lyricist had never worked together before, and the choreographer had never staged a Broadway show. The play emphasized the characters, none of whom were played by major stars, instead of flashy theatrics. Not only was there no big opening number, but the chorus didn't even appear until the first act was half over. But when the curtain descended on opening night, the applause it earned left no doubts about *Oklahoma!*'s tremendous success.

The current Broadway revival version, now playing at the Metropolitan Center, has managed to recreate the spirited enthusiasm which won its predecessor the record for longest-running Broadway musical for five years. Rogers and Hammerstein's songs are as bright and melodious as ever, and Agnes de Mille's choreography (recreated for this production by David Evans) is still thrillingly entertaining.

The cast is remarkably talented. Laurence Guittard exhibits a fine voice as well as a tremendous amount of presence as Curly. He is very well complemented by Christine Andreas as his sweetheart, Laurey. Ms. Andreas' portrayal of a naive

seventeen-year-old girl is convincingly spunky, and her voice is well-suited to the score. Also worthy of commendation is Richard Leighton, whose portrayal of Jud Fry is evil enough to scare the teeth off a rabid rat. The comic leads, Ado Annie and Will Parker (Paige O'Hara and Lara Teeter) were also very good, but not up to par with the rest of the production. The direction of the two characters made them seem vacuous beyond belief, even in the context of a musical comedy. Ms. O'Hara, in particular, seemed like she was doing a bad imitation of a Barbie Doll. Still, their musical numbers were entertaining. The singing and dancing choruses who backed these leads were also excellent, even if they did look a bit too clean for turn-of-the-century Indian Territory.

Oklahoma! is a wonderfully diverting piece of musical theater. It has been pleasing audiences for almost forty years, and its universal appeal will no doubt keep it popular for a long time to come.

Linda Schaffir

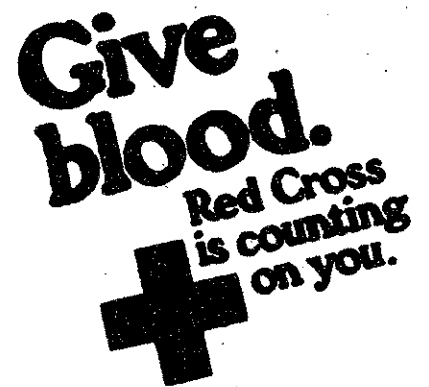
My Bloody Valentine, starring Don Francis, Paul Kelman, and Neil Affleck; produced by Stephen Miller, directed by George Mihalko. A Paramount Pictures release, now showing at the Sack 57.

My Bloody Valentine, as the English would say, is a bloody bad film. One of a seemingly innumerable genre, its main attraction is shock and horror. Unfortunately, that is its only attraction. The audience sits and waits for the "good" parts. They come with disheartening regularity, at least a dozen times, total.

I don't particularly care for this subject matter; in fact, I wonder about people who do. There have been films, like *Psycho*, that have used brutality effectively, but there we had a story and characters (what characters!) to interest us. The recent films,

I had thought before I saw this film that this genre was entirely composed of low-budget, small-studio productions. I was surprised to see that it was made by Paramount Pictures, the same people who bring you all those nice pictures (subsidiary now of Gulf and Western, for your info). The producers of the film had most recently made *Meatballs*. I guess they had some spaghetti sauce left over.

Howard Osten



like *My Bloody Valentine* or *Friday the 13th*, to name another, are really different.

The sole *raison d'être* of *My Bloody Valentine* is to disgust us. We are often asked in these films, through the subjective camera angles (letting us see the action through the eyes of the attacker), to identify with the killer. For ax-murderers and other anti-social elements, this is a vicarious thrill. For many people, this is a chance to close our eyes or do a crossword puzzle. Further, the victims often appear to court their fates, by acting provocatively or foolishly.

My Bloody Valentine isn't even successful as one of these films, if you do happen to like them. We never really get to see the action, such as it is, which is promised us. One could probably do better by watching the local news, where every night we see the aftermath of tragedy, with the added fillip of reality. Like *My Bloody Valentine*, the cast is unknown to us, and when we learn who the murderer is, it really doesn't make a difference.

Graphics by Jon von Zeilowitz

MIT Community Players
Presents
**THE HOUSE OF
BLUE LEAVES**
by John Guare

Fri, Sat, Sun
Feb. 20, 21, 22
Thu, Fri, Sat
Feb. 26, 27, 28
8:00 pm

MIT Kresge Little Theatre
84 Mass. Ave., Cambridge
Reservations: 547-2454
Tickets are \$3 with MIT ID
\$1 for Grad Students

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AT MIT**

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SYMBOLS AND
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PROF. OF SOCIOLOGY
AND ECONOMICS
BOSTON UNIVERSITY

Monday, February 23 4:30 PM
Mezzanine Lounge MIT
Student Center
Informal Supper and Discussion
Following in West Lounge at
Student Center

GRADUATE STUDENTS

Hearings for seats on the Institute Committees will be held February 24th and 25th. Interviews will be held for positions on the following committees:

Equal Opportunities Committee

Medical Advisory Board

IAP Policy Committee

Committee on Safety

Prelaw Advisory Board

Advisory Committee on Shareholder Responsibility

Dining Advisory Board

The Tech COOP Board of Directors is also searching for student membership. If you are interested in becoming a member of any of these, please contact the Graduate Student Council by calling x3-2195, or stop by Room 50-222.

ARTS

ON THE TOWN

MOVIES THEATRE

The Cinema Society of Cambridge celebrates its first anniversary with *Twins of Evil*, the first film in their Peter Cushing Series (free popcorn!). Screenings will be on Monday, Feb. 23 at 7:30 & 9:30 at the Ding Ho Restaurant, 13 Springfield Street, Inman Square. For further information call 661-7701.

The MIT Community Players present *The House of Blue Leaves* by John Gaure. Performances will be Feb. 20, 21, & 22 at 8pm in the Kresge Little Theatre; admission \$4/\$3 with MIT ID and \$1 for grad students. For reservations call 547-2454.

Center Screen presents *New Personal Animation: Part I*, which will include the Boston premieres of many new artists. Screenings are Feb. 20, 21, & 22; 7:30 & 9:30pm at the Carpenter Center for the Visual Arts, 24 Quincy Street, Harvard University. For information, call 494-0200.

Peoples Theatre presents Rosanna Yamagiwa Alfaro's *Behind Enemy Lines*, a drama about Japanese Americans confined by Executive Order during World War II to one of California's segregation centers. Performances take place in the Peoples Theatre (1253 Cambridge Street, Inman Square), and run through March 8 on Thursday, Friday, and Saturday evenings at 8pm, and Sundays at 6pm. For information call 354-2915.

This weekend's LSC lineup:
Gone With the Wind, Fri., Feb. 20, 8pm (one show only), Kresge.
The Blues Brothers, Sat., Feb. 21, 7 & 10, 26-100.
My Brilliant Career, Sun., Feb. 22, 6:30 & 9, 26-100

Rodgers and Hammerstein's *Oklahoma!* is currently playing at the Metropolitan Center for an engagement ending March 8. The performance schedule will be: Tuesday — Sunday at 8pm, matinees Saturday at 2:30pm and Sunday at 3pm. For tickets and information call 542-3600.

MUSIC

The MIT Chamber Players, directed by Marcus Thompson, will give a concert of works by Brown, Hayden, Villa-Lobos, and Brahms at 8pm in 10-250, admission, free.

The MIT Concert Band, directed by John Corley, will conclude its winter tour with a concert of works by Hovhanness, Jacob, Gould, Wagner Jenkins, and Dorzin. The performance will be in Kresge at 8:30pm, Sat., Feb. 21; admission free.

The Future is Now, Part II at the Channel, featuring The Dark, People in Stores, Young Snakes, Mighty Ions, Artyard, and Basic Drives: 8pm Sun., Feb. 22.

Peter Dayton with *Terrorists* and *Future Dads* at the Rat, Sat., Feb. 21.

Suade Cowboys with Artyard at Cantones, Fri., Feb. 20.

Future Dads with *The Outlets* at the Underground, Fri., Feb. 20.

La Peste with *Shutup* at the Underground, Sat., Feb. 21.

The Count's Rock 'n' Roll Spectacular at the Paradise, featuring Wunderkind (!), Lines, Runes, Frantics, and others, Sun., Feb. 22.

OPPORTUNITIES IN SINGAPORE

The island republic of Singapore, at the Southern tip of the Malay peninsula, which has the second most prosperous economy in the Far East after Japan on a per capita basis, is recruiting trained nationals from other countries to staff its industries, educational institutions, and government offices. The Singapore embassy in Washington is acting as a recruiting center in the United States. The emphasis is on highly-qualified people who would like to establish themselves in Singapore. Candidates from any country are welcome but the government is directing its campaign especially to citizens of Hong Kong, India, Taiwan, Sri Lanka, and Malaysia — not to mention citizens of Singapore itself. Many fields are in demand but the most critical need is for graduates in engineering, economics, and management.

Organizations in Singapore participating in this recruiting effort include the following, among many others:

- Industry**
 General Electric, Hewlett Packard, Hitachi, Matsushita, Fairchild, Philips, Brown Boveri, Mobil, BP, Beecham Pharmaceuticals, Mitsubishi.
- Banking**
 Chase Manhattan, Barclays Bank, The Hong Kong and Shanghai Banking Corporation, Lloyds Bank.
- Government**
 The Singapore Administrative Civil Service, The Housing & Development Board, the Urban Renewal Authority, the Public Utilities Board, the Port of Singapore Authority, the Telecommunication Authority of Singapore, the Monetary Authority of Singapore.
- Education**
 The National University of Singapore.

Further information about Singapore and about employment there is available at the Career Planning and Placement Office, Room 12-170. Anyone interested in these opportunities is invited to send his or her resume and an application to Mr. Yeoh Chi Tao, Head, Professionals' Information & Placement Service, c/o Embassy of the Republic of Singapore, 1824 R Street N.W., Washington, D.C., 20009. Application forms are available at the Placement Office, Room 12-170.

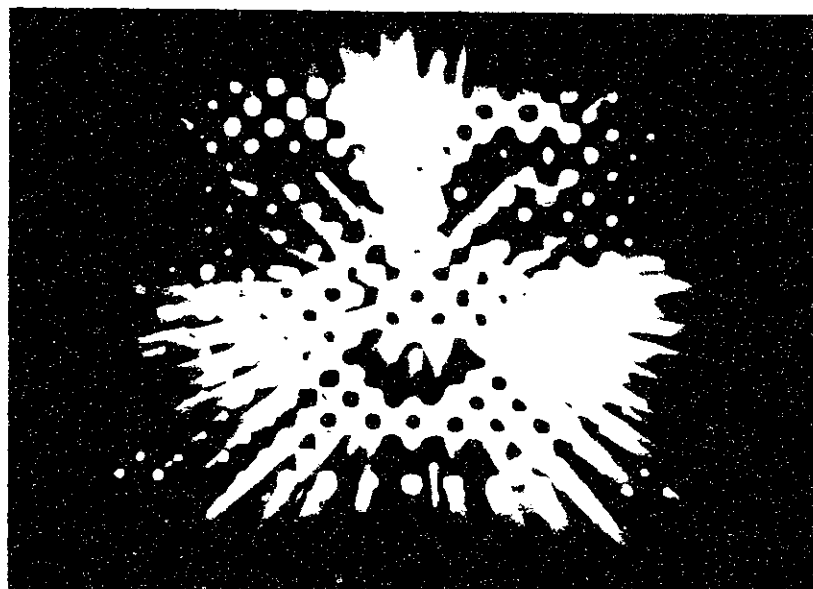
If enough MIT students are interested, a recruiting team from Singapore will visit MIT in April.

MIT Graduate Student Council & Student Center Committee PRESENT:

Pre-Spring Fling

- Semi-Formal
- Ken Reeves Orchestra
- Second Society Band
- Hors d'oeuvres
- Cash Bar

Sat. Feb. 21 \$5/couple
 9pm - 1am
 MIT Student Center



COSMIC COALESCENCE

Where does science fiction end and reality begin? It's all in the mind's eye. Be it the creative imagination used to produce *Star Wars*, *The Black Hole*, and *The Empire Strikes Back*, or the more scientific approach of hypothesis testing and experimentation, the distant galaxies of science fiction coalesce into reality with the advanced technology now being developed at a company called TRW.

It was the Defense and Space Systems Group of TRW who made possible the Viking Lander biological experiment which looked for life on Mars and the High Energy Astronomical Observatory which looks for quasars, pulsars and black holes in deep space. Professionals at TRW-DSSG are now involved in such impressive technologies as high

energy lasers, communications systems, plus other future projects still considered science fiction.

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FEBRUARY 26 & 27

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Course 6 subjects crowded

By Barry S. Surman

A substantial number of students enrolled or intending to enroll in classes in the Department of Electrical Engineering and Computer Science have been forced to drop certain subjects or have been denied the opportunity of adding them this term.

Students in classes ranging from an introductory digital lab to a graduate core requirement found overcrowded enrollments that forced many of them to be dropped by instructors. Popular subjects with limited resources were most affected; required laboratory subjects and courses in very large scale integration were most overcrowded.

According to Professor Richard B. Adler '43, Associate Head of the Department of Electrical Engineering and Computer Science, three departmental problems are responsible for the current crisis: a lack of facilities, a lack of faculty, and an inability to find qualified Teaching Assistants (TA's).

The lack of TA's is the most pressing of these problems. "We haven't had time to build a backlog of graduate students... who know the subjects, have the skills, and want to do it," said Adler. Both he and Assistant Professor of Computer Science and Engineering Arvind, the instructor for an advanced graduate-level computer architecture course, cited the greater desirability of research assistantships and the novelty of subjects offered needing TA's as reasons for the shortage.

Arvind faces a difficult decision; over 100 students attended his first class session of the term, but he can only accommodate a class of 40 students. Arvind has tried unsuccessfully to find another TA to handle the course, but has abandoned the effort. Arvind planned to take no action until he could assess his workload based on an evaluation of the problem sets turned in yesterday.

When asked how he would curtail class size, Arvin responded, "I don't have a plan... it's a departmental problem, not my problem." He had been told by the department to expect 30 students to enroll in the class.

Steve Weiss '81, a Course VI-A Co-op student was one of those dropped from an EECS class. "I'm quite disenchanted," he said, "and so are many other people. It's not a good way to run a graduate school, or an undergraduate school."

Assistant Professor of Electrical Engineering Donald Troxel '60, promised that those students dropped from his lab course would be guaranteed places in the class in either term next year. His resolution to the overcrowding problem included a lottery to eliminate sophomores and juniors, guaranteed places for graduate students and seniors, and special consideration for dropped students who presented written proposals for reinstatement. Troxel said the number of students in his class had to be restricted to 190 because there were simply "not enough lab kits."

Adler blamed the problems in part on the tremendous growth of the department in the last ten years. The undergraduate student to faculty ratio has soared from 5 1/2 to 1 in 1970 to almost 10 to 1 last year. Enrollment has increased by 50 percent in the same period, but the "increase in budget has not been proportional." He also noted that in the last few years there has been "more money for TA's than bodies."

Adler suggested controls on transfer admissions and an effort to improve the attractiveness of TA positions as a means to alleviate the problem.

Professor Arthur Smith, Head of the Graduate School, described the overcrowding as "an impossible situation in which we cannot meet all our responsibilities." Smith blamed "inadequate resources" for the situation.

Weiss said that a group of dropped students has been discussing their grievances with faculty and administrators. Smith sympathizes with the students. "I can't blame them," he said, "they should be unhappy; I'm unhappy."

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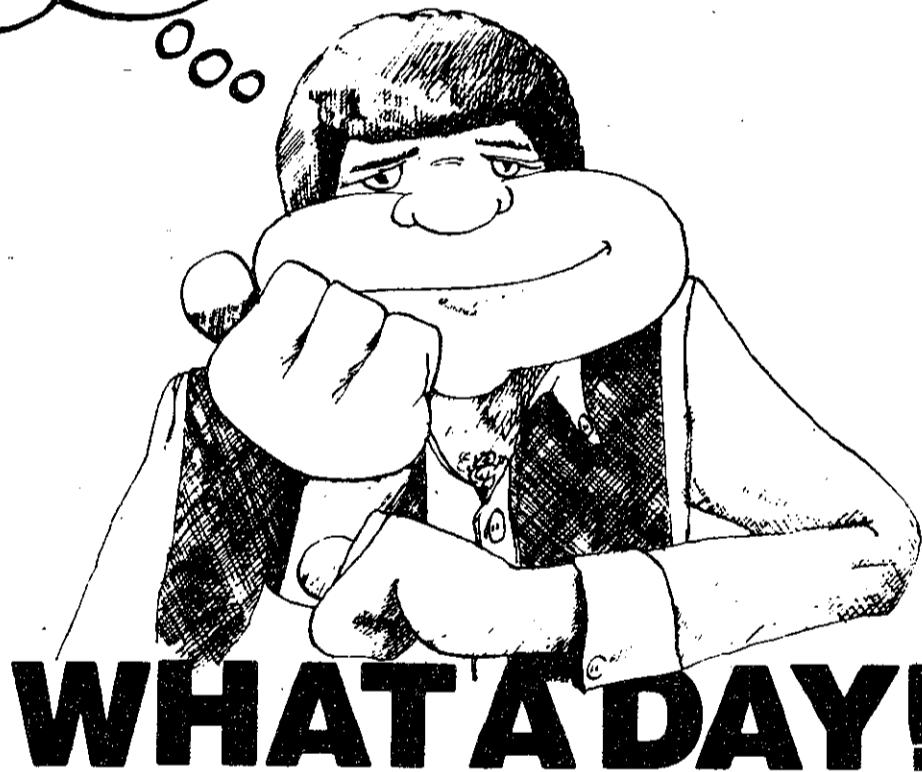
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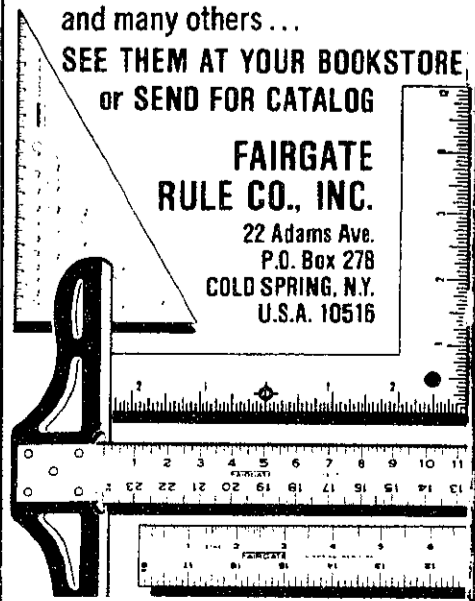
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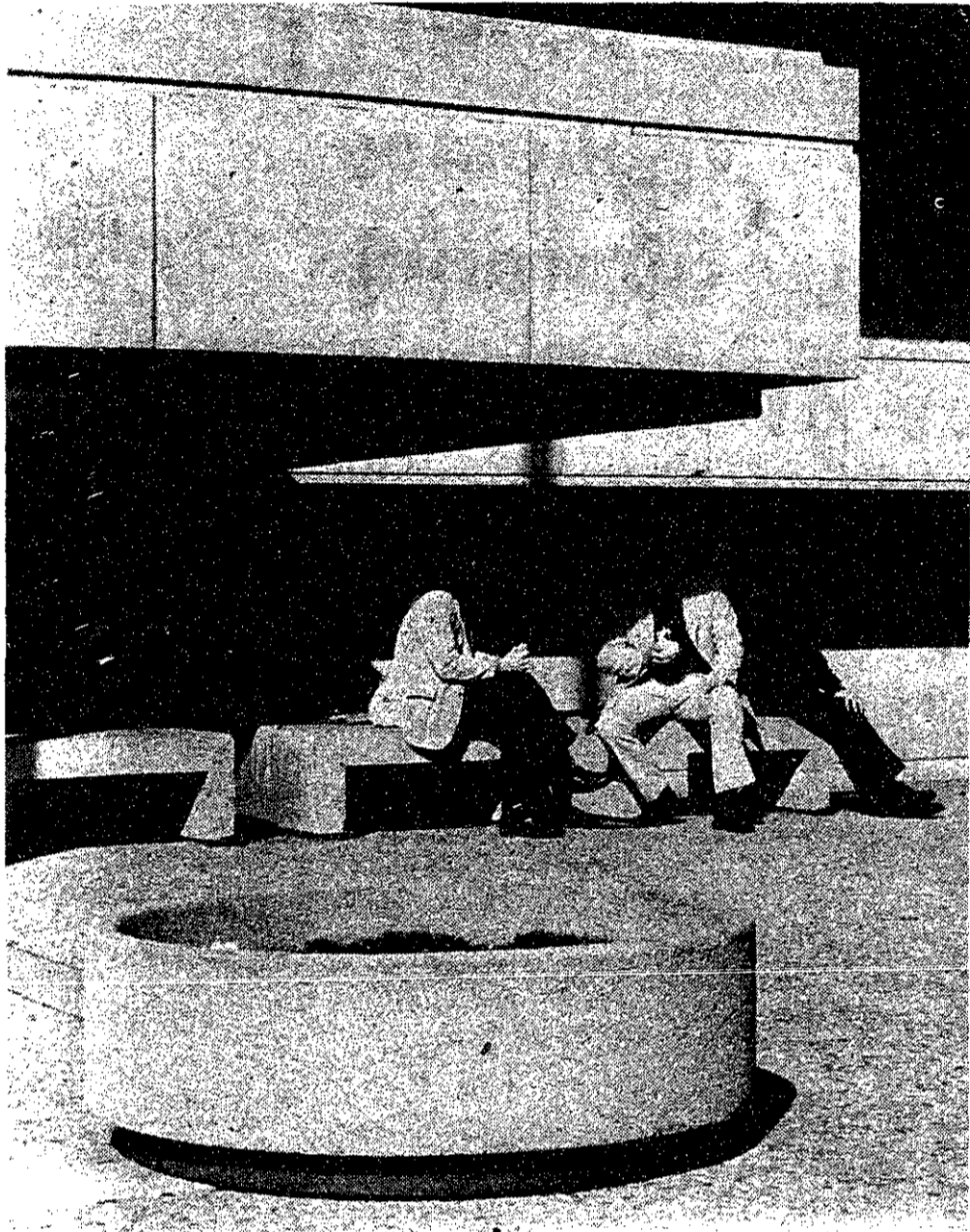
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Spring came a little early this year

The Student Center (below and below right) and Building 7 steps (right) provided a comfortable setting Wednesday and Thursday for MIT students enjoying the warm, springlike weather.



(Photo by Jonathan Cohen)



(Photo by Todd Bayer)



(Photo by Todd Bayer)

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Projects can be related to any field, i.e.

**CULTURAL, GEOLOGICAL,
SOCIAL, TECHNICAL, ETC.**

Interested students are invited to attend an information meeting on February 23, 1981, from 6-8 pm in Room 4-145. Interviews will be held on Tuesday and Wednesday, February 24 and 25 and coordinated by the Placement Office.

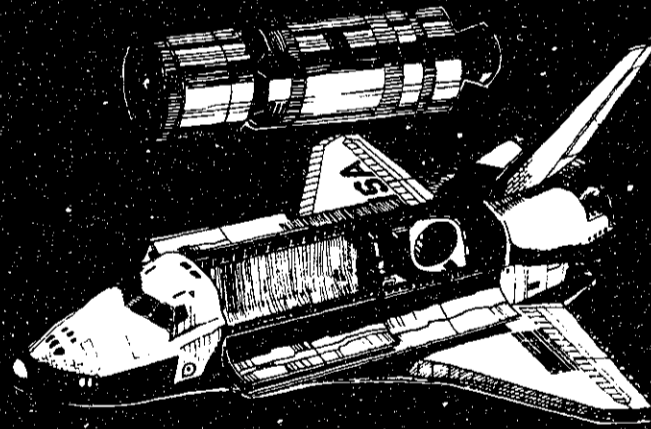
For further information, contact:

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To learn more about career opportunities with us, send a letter of interest to Ford Aerospace & Communications Corporation, Dept. CNT/M.I.T., P.O. Box 58487, Houston, Texas 77058.

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Space Information Systems Operation

notes

Announcements

Applications for advanced graduate degrees to be awarded in June 1981 must be returned to the Registrar's Office, E19-335, no later than Friday, February 20, 1981. A \$20 late fee will be charged for applications returned after this date.

* * * *

The Undergraduate Academic Support Office (UASO) is currently revising Chapter 10 of the *Freshman Handbook* on "Extracurricular Activities." Any group that has not received a memo from the UASO and wishes to be included in this chapter should contact the UASO in 7-105 before Friday, February 20.

* * * *

A Pro-Life Community is being formed at MIT to foster respect and to defend the right to life for all human beings, both born and unborn, through various educational and social activities. For additional information, contact C. Marino, 39-627, x3-2691.

* * * *

The Democratic Party of Massachusetts will hold Ward Caucuses to select delegates to the state issues convention to be held this April in Springfield. Caucuses will meet Saturday, February 21, at 2 pm. All Democrats registered in Massachusetts are eligible to vote or to campaign for a delegate slot within their ward. Ward II in Cambridge (which includes all of the MIT campus, except Tang and Westgate) will choose four delegates. The caucus for this ward will be held at the Central Square Public Library at Pearl and Green Streets at 2 pm. For

more information, contact Rich Heller at d17522.

Lectures

Ruth Hubbard, Professor of Biology at Harvard University, will speak Thursday, February 26, in the Cheney Room, 3-310, from 4 until 6pm. She will discuss the social construction of women's biology, focusing on ways the social context conditions descriptions and explanations of women's biology and ways the internalization of such descriptions and explanations helps to shape women's biology.

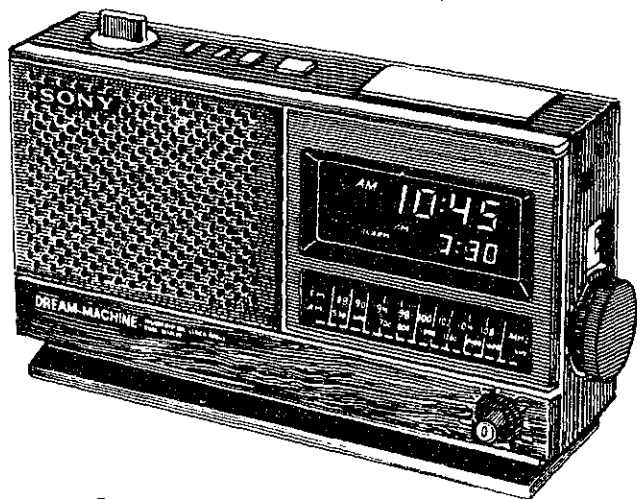
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A Community Energy Planning Forum will be held on Thursday, February 26, from 7:30 until 9pm at the Lincoln Park Community School, 290 Washington St., Somerville. The subject of the forum is "Residential Sector: Single Family and Multi-Unit." Speakers include: Doug McKenzie, General Manager, Energy Works; Hal Mahon, Physics Department, University of Massachusetts; and Bruce Astrein, Director, Tenant-Landlord Weatherization Project, Policy Training Center.



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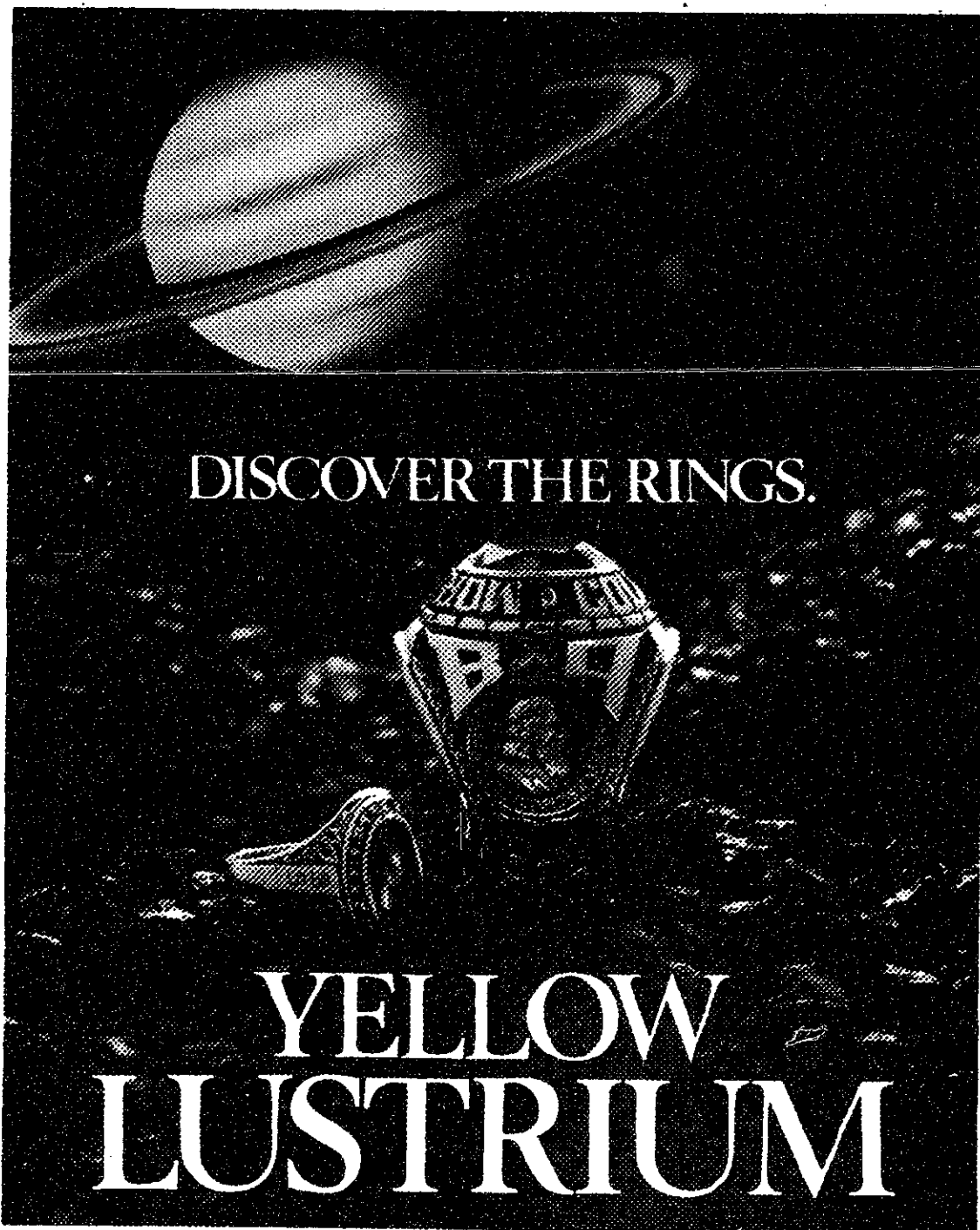
A listing of social events at . . .

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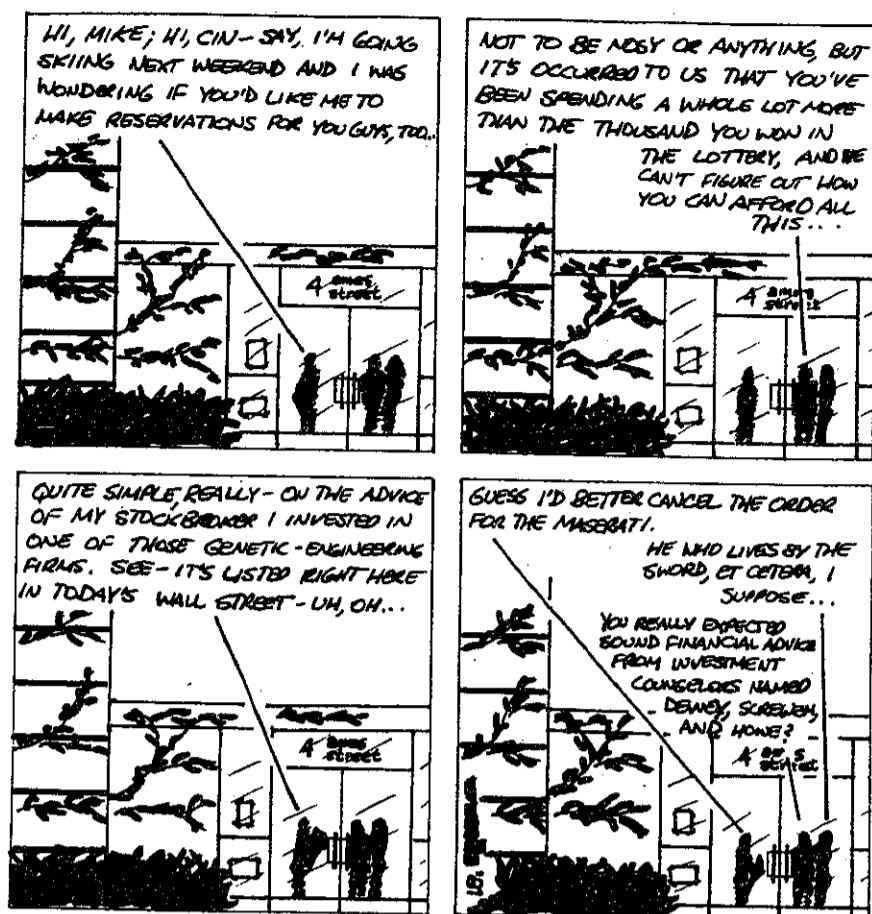


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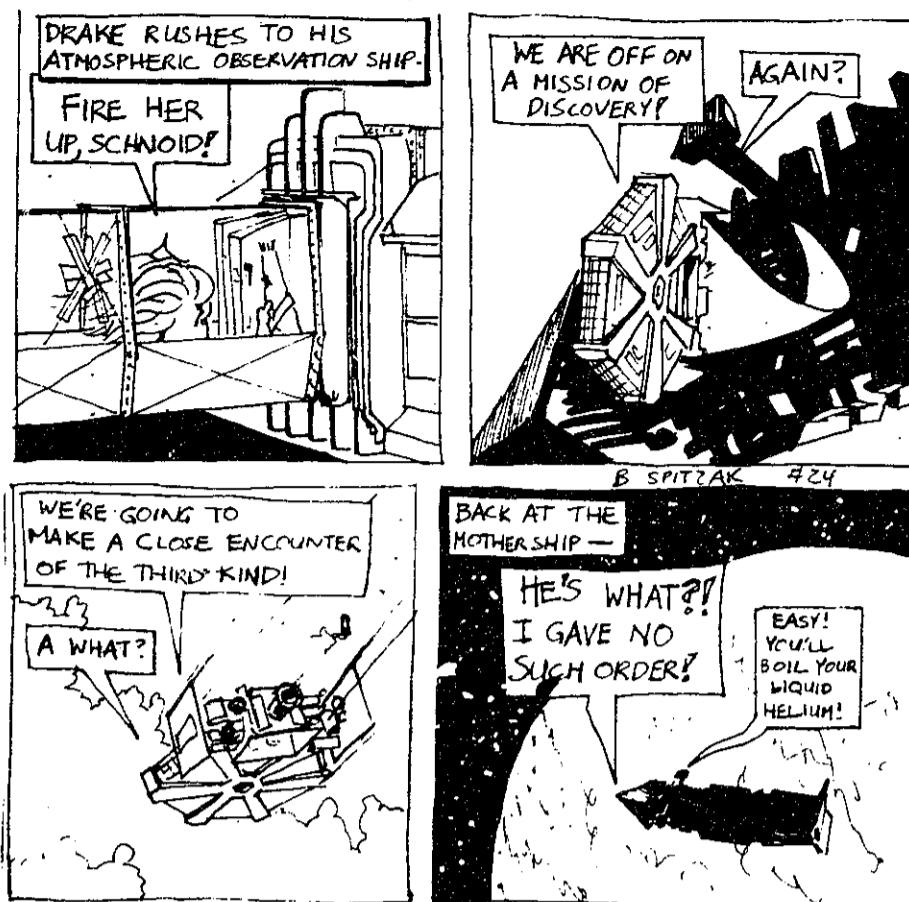
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comics

Outside Looking In By V. Michael Bove



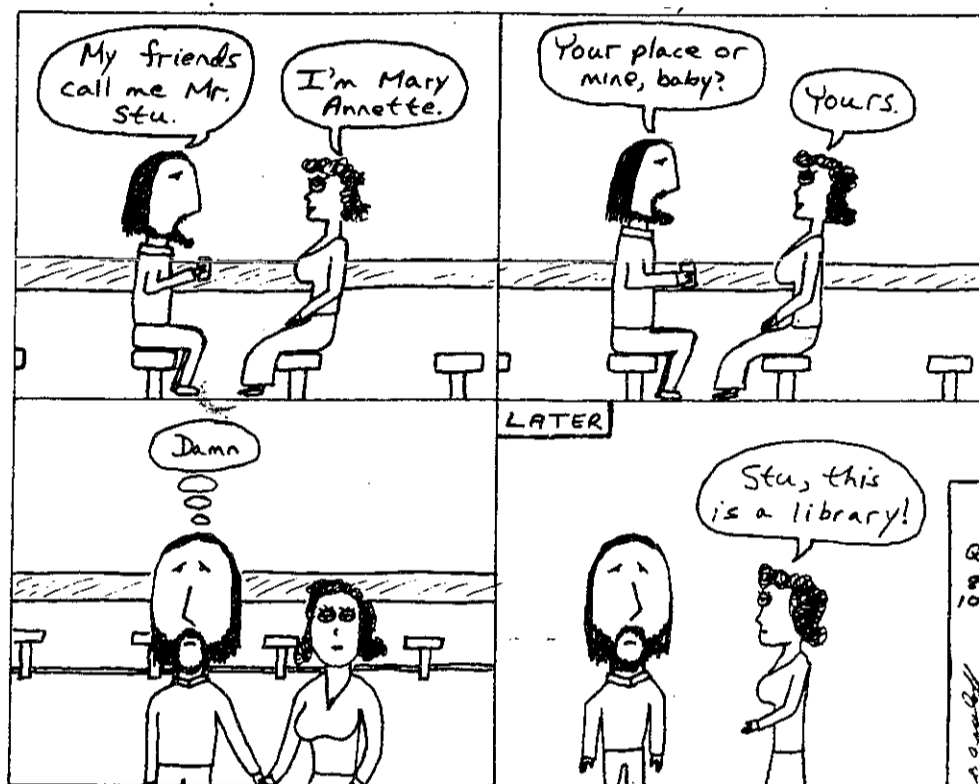
Space Epic By Bill Spitzak



Stickles By Geoff Baskir



Mr. Stu By Glen Apseloff



UA NEWS

PETITIONS DUE TODAY

Nominating petitions for UA offices are due at NOON TODAY in W20-401. The Election Commission will review petitions this weekend and validated candidates' names will be released Sunday. A mandatory meeting for all candidates will be held Saturday, February 21.

ANYONE GOING TO TERRE HAUTE . . .

or Ord, Nebraska, or Kissimmee, Florida, or Pacific Palisades, California, or just about anywhere else? Check the APO ride board north of Lobby Seven if you're looking for a ride, or someone to share one. Spring vacation is only four weeks away!

HOUSING & DINING REPORT

The UA is preparing a report of students' ideas to the management of Housing & Food Services. If you have any specific suggestions, please contact Nick Adams, in W20-401.

CONGRATULATIONS

to NomComm's new members, Art Vasen and Charlene Yie, and its new Chairman, Gerry Fitzgerald. Spring hearings for Institute Committees will be held Sunday, April 5 and Saturday, April 11.

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.

SENIOR WEEK PLANS

Seniors interested in helping plan end-of-year activities should attend a meeting Tuesday, February 24 at 5 pm in W20-400. All members of the Class of '81 are welcome, and a representative of each living group is encouraged to attend. For more information call Lynn Radlauer at 225-8613 or 494-9141, or Mitchell Brook at 225-6226.

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.

FINANCE BOARD HEARINGS

Annual Budget hearings are continuing through February 23. Late budget requests are due immediately in the FinBoard office, W20-405. New members chosen for the board, subject to GA approval, are Chris MacKenzie and Barry Landau.

STUDENT CENTER PUB

A proposal to open a pub in the East Lounge of the Student Center is being considered by the Student Center Committee and the Class of '81. Mitchell Brook and Nick Adams would love to hear your suggestions.

LOBDELL REMODELLING?

The Student Center Committee and the Student Committee on the Environment are looking for ideas for improving the ambience of Lobdell. Art, plants, new drapes, music, or whatever -- Let us know what you think.

\$7,400 IS TDM . . .

but space in the UA News is free. Important announcements should be sent to Barry Surman at the UA Office, W20-401. Unimportant ones should be . . .

sports

Cougars too tough for Tech

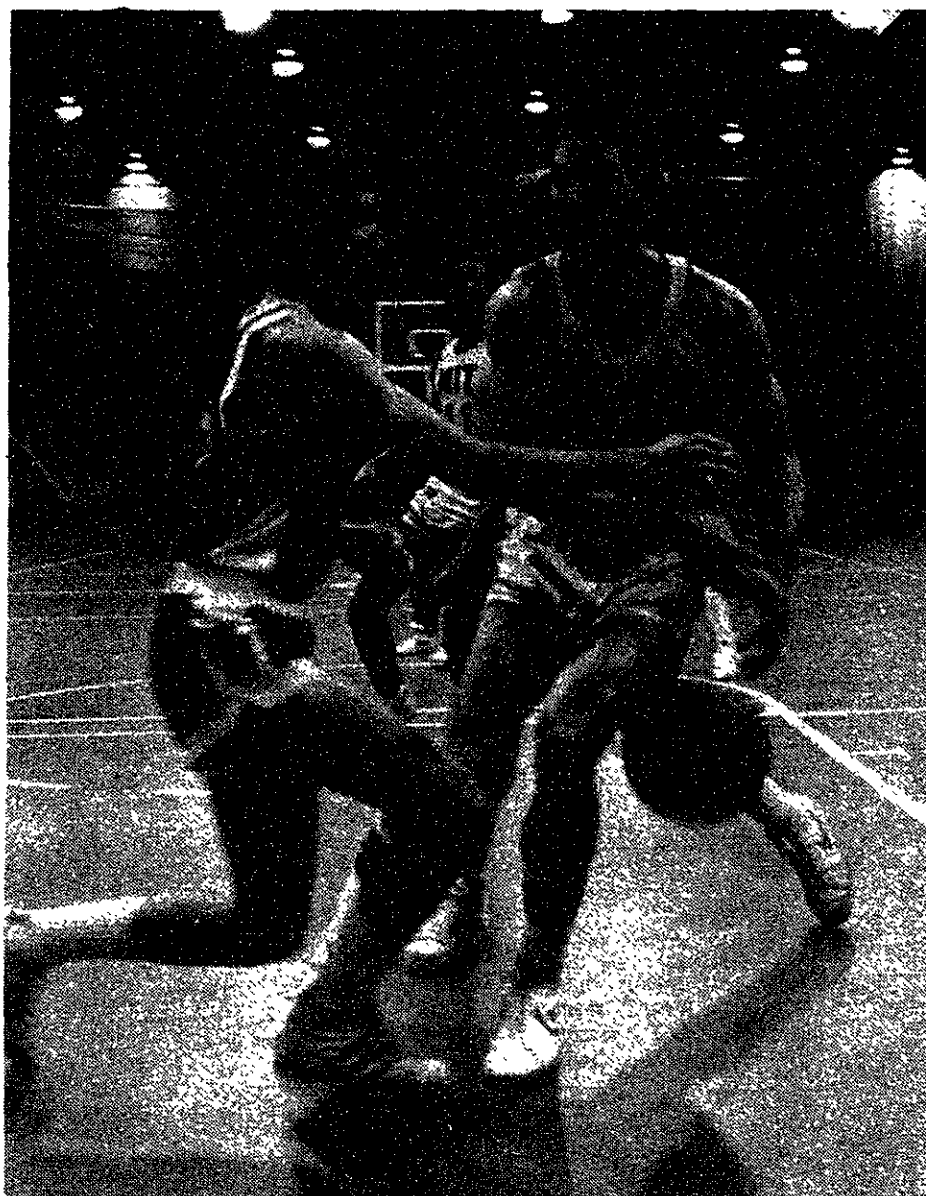
By Eric R. Fleming

Clark University, ranked sixth nationally in Division III and tops in New England, showed why it merits that standing as the Cougars defeated MIT, 82-64, before an unusually packed crowd at Rockwell Cage Saturday.

Clark, who raised its record to 18-2, led the game from start to finish. The visitors used a 15-2 run early in the first half to take a 19-6 advantage with 13½ minutes remaining. The big lead was gained by the employment of a full-court press that the Engineers could not handle. Senior forward Kevin Clark's aggressiveness on the offensive boards also was a factor in putting the Cougars out in front. However, Clark picked up his third foul with nine minutes left in the half, and MIT chipped the lead to seven at the 5:11 point, before going into the locker room down 37-26. Tech was led by Bob Clarke '81 and Mark Branch '83 with ten points each.

The second half was played at a very fast pace, especially at each end of the stanza. MIT could never get closer than nine, as bad breaks (a missed layup, a fast break turnover, a disputable call) kept Tech out of striking distance. The last two minutes (which saw some of the most furiously paced play of the year) saw MIT get down to as few as ten (from twenty at 6:51), but again the little things shut the door on the home team.

The Cougars shot a sizzling 63½ percent from the floor, including 20-for-26 in the second half. Clark led the visitors with 21 points in addition to pulling down eight boards, while Bruce Bolcer '81 chipped in with 20. Guard Dan Trant '83 went five-for-six from downtown to score ten. Branch hit 22 for MIT, four of which were scored on a pair of spinning, twisting drives in the lane. Clarke, playing his last home game in an MIT uniform, added 14 with 13 boards. Clark had 11 assists to MIT's two, and therein lay the difference. Clark's



MIT captain Bobby Clarke '81 is faked in last Saturday's loss to Clark. (Photo by Al O'Conner)

ability to move the ball and get the inside shot was the difference in the game. In short, the Cougars were quicker and stronger than MIT.

The Engineers close their season tomorrow at Connecticut College, and though Saturday's loss was a tough one, MIT has had a very good season.

sporting notices

The Club Hockey team will have its Alumni game on Saturday, March 7 in the Athletic Center. Game time is 4pm, with a party in the Boat House (409 Memorial Drive) scheduled for 8pm. Interested alumni should contact Tom Stagliano, club hockey manager, at 272-1990 between 9am and 4pm.

The IM indoor track meet will be held Saturday, March 7. Teams as well as individuals can compete. Team rosters are due Wednesday, March 4 by 4pm in the Intramural Office (W32-121). Individual entries can be accepted until 11am the day of the meet, with no new entries or event changes taken after 11. All men and women MIT students, subject to IM eligibility rules, can participate. Questions should be referred to Arno Bommer at dl7324.

sports update

Wrestling — Ken Shull '83 and Robert Crosier '81 led Tech to a third place finish in the Northern New England meet at Plymouth State last Saturday. Shull, from Cogan Station, Pa., won in the 134-pound class to keep his season perfect, while Crosier triumphed in the 150-pound division. Teammates Al Russell and Steve Leibiger took second in the 142 and 167-pound classes, respectively. This Friday and Saturday, MIT competes in the New England at Plymouth State.

Swimming — The season has been a tough one in swimming, with the men standing at 3-4 and the women having dropped all seven of their contests. However, several Tech swimmers have qualified for the upcoming NCAA Division III championships. The qualifiers include John Schmitz '83 in the 200-yard individual medley, Bob Schoenlein '84 (200 breaststroke), and the team of Schoenlein, John Belzer, Mark LaRow, and Mark Huntzinger in the 200 medley. On the women's side, Karen Klinecicz '82 will represent MIT in the 200 individual medley and butterfly. Both groups swim at Bowdoin tomorrow.

Rifle — The 12-2 Engineers host a pair of meets this weekend, the Air Rifle sectionals Saturday and the Smallbore sectional Sunday.

score board

- Indoor Track 62½, Bowdoin 73½
- Hockey 9, Clark 7
- Men's Swimming 67, Amherst 73
- Men's Fencing 16, Stevens Tech 11
- Men's Gymnastics 160.15, Lowell 162.25
- Women's Basketball 36, Trinity 62
- Women's Basketball 54, Brandeis 33
- Squash 2, Fordham 7
- Squash 4, Wesleyan 5
- Women's Gymnastics 77.80, Salem State 107.20
- Maine-Farmington 74.95
- Women's Fencing 10, Wellesley 6
- Women's Fencing 7, Stevens Tech 9

on deck

Home events for the upcoming week include:

Saturday, Feb. 21
Rifle, League Finals, Air Rifle Sectionals, duPont Center, 8 am
Men's Fencing vs. Trinity, duPont Fencing Room, 1 pm
Women's Fencing vs. Brandeis, duPont Fencing Room, noon
Hockey vs. Conn. College, Athletic Center, 2 pm

Sunday, Feb. 22
Rifle, Smallbore Sectionals, duPont Center, 8 am

Tuesday, February 24
Women's Basketball vs. Babson, Rockwell Cage, 7 pm

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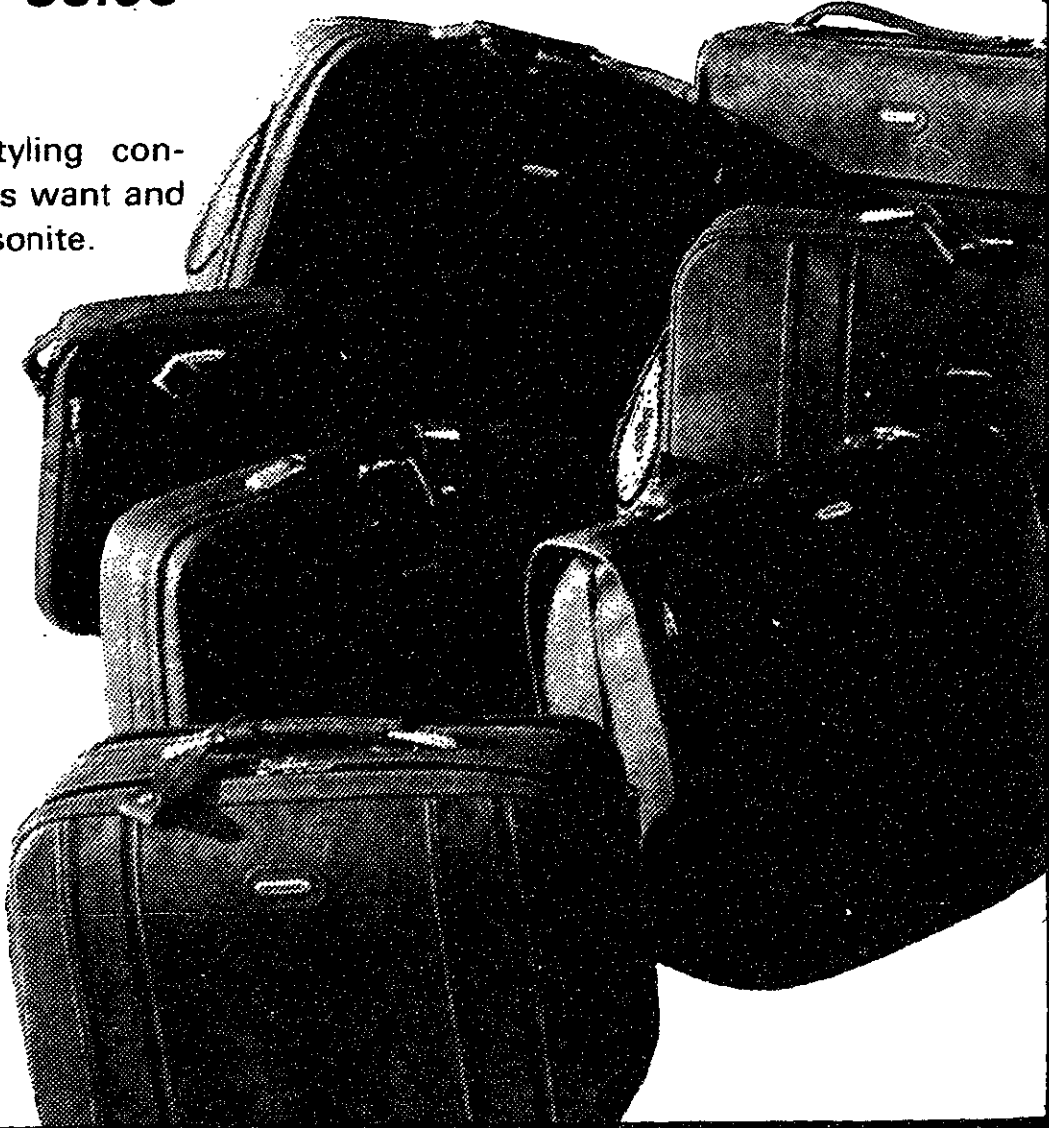
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Group	Callers	POINTS
New House	4	19
BTP	3	79
DU	17	356
ZBT	19	406
Burton	18	474
Baker	51	655

Top caller: Lynn Schnapp with 68 points

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