

© 1978 The Tech

in
the
news

INSIDE

The MIT chapter of the Alpha Chi Sigma chemistry service fraternity was reactivated on March 18 after 30 years of inactivity.

p3

QUEST/78 is sponsoring a contest among space enthusiasts who have an idea for a worthwhile experiment to be placed aboard a Space Shuttle flight.

p7

EXCERPTS

GASP [Group Against Smoker's Pollution] has also won what is probably one of the first successful legal actions against a company.

During a charter flight with MIT students in the summer of 1976, [Professor of Mechanical Engineering David] Wilson encountered stiff resistance from flight attendants when he sought to have smokers stay in the smoking area. Dan-Air Services, LTD of England ignored his pleas for cooperation. On the return trip home, he was told he had to sit among smokers once again. The woman next to him, lit a cigarette, and began to smoke until he informed her that he intended to sue the company. As the attorney for the firm, she quickly crushed her butt.

The parties settled out of court for \$1,000. GASP used the funds to record a 45 RPM disk that will probably not be a hit among inhabitants of Marlboro country.

The songs (composed and sung by Steven Sedberry) are "How I Choke When I Smell Smoke" and "The Smokey Subways of Boston" — the latter about an anti-smoker who uses a shotgun to convince smokers to put their packs away.

Cambridge Chronicle

FACTS

Yesterday, at 8:00pm, 13 students were trapped in the elevator in Building 35. The students, being rather rowdy, piled into the elevator with the intent of stopping at the basement. However, due to the excessive weight of the elevator, the car stopped 1½ feet below the basement door. Alert students notified the Campus Patrol, who informed the victims that a man from the elevator company would arrive soon. In the interim, James Mandry '81 managed to open the outside door, allowing the students to escape.

THE TECH

The Tech will publish its annual UA Election Supplement in Friday's issue.

Class '80 officers accept free rings

By William Cimino
and Steve Kirsch

Three members of the Class of '80 Ring Committee have told *The Tech* that they intend to accept free rings offered by Rowan & Rowan, independent salesmen representing the L. G. Balfour Company which holds the \$80,000 ring contract for MIT this year. The other three members have not yet declined the offer nor given any indication that they will.

Tabetha Frey, Bob Matteo and Charles Lutz said they intend to accept the free rings. Ann Conway, Debbie Utko, and Russell Steinweg have not decided whether they will pay for the rings which are scheduled to be delivered in mid-April. They would not comment on whether or not they paid a deposit.

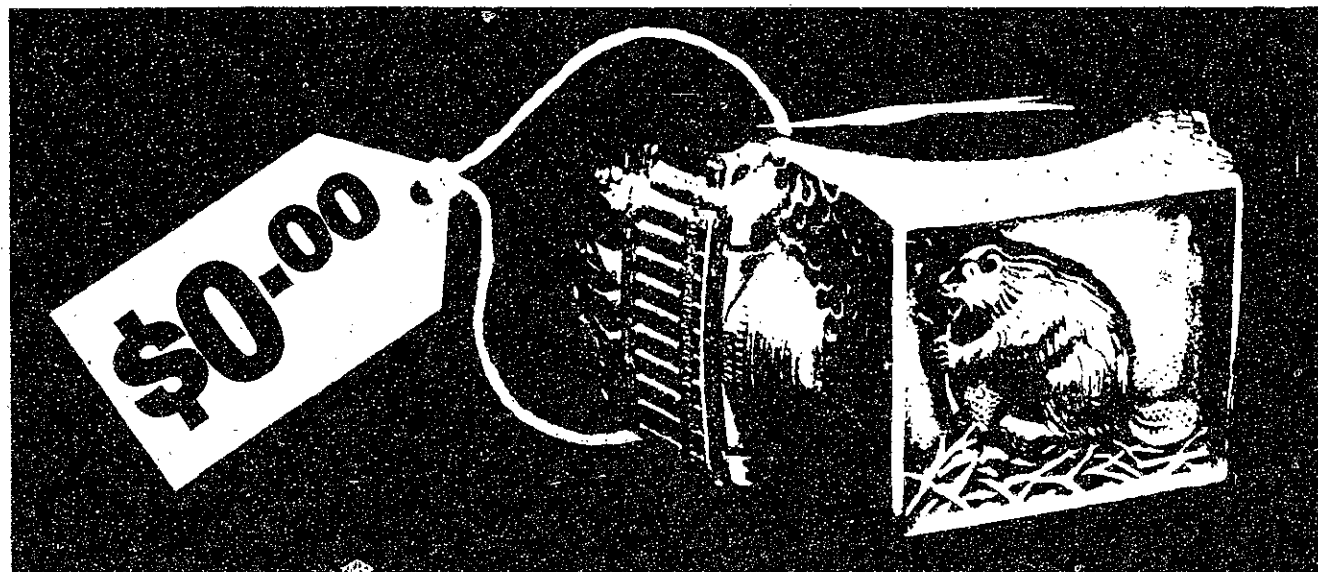
Bill Rowan, manager of Balfour for the Northeast, confirmed that free rings for ring committees in return for the time required to choose and design a ring is a common practice at the Institute, as well as at many colleges throughout the nation. However, not all ring committees have accepted the offer which, for the past 40 years, has been a standard contract provision.

The Ring Committee of the Class of 1977 was one of the few to have refused the offer. Dave Dobos '77, a member of this ring committee, told *The Tech* that, "We all agreed to refuse the rings because we felt that it would be fairer to the sophomore class." Dobos mentioned possible additional cost and ethical reasons for the committee's decision.

The next year, after many weeks of debate, all of the members of the class of 1978 Ring Committee decided to accept the free rings.

All members of the Class of 1979 Ring Committee except Bowei Lee also accepted free rings. Lee said he felt "it was not right" to accept the rings although the committee met "at

(Please turn to page 2)



Ring courtesy of Technique, graphic by Mike Mellone

Artwork proposed for Lobby 10

By Leigh J. Passman

The Committee for the Visual Arts has proposed the commission of an artwork by British artist Richard Smith to be displayed in Lobby 10.

The committee will sponsor a preview of the proposed work by displaying a half-scale model prepared by the artist Thursday, Friday, Monday, and Tuesday, April 6, 7, 10, and 11 from noon until 1pm each day in Lobby 7. Members of the committee will be on hand to answer questions, however, their main purpose is to solicit comments.

Marge Supovitz, Projects Coordinator for the committee, emphasized that the committee wants to hear both the positive and negative comments of the student body, faculty, and the rest of the MIT community. Comments can be communicated to the committee by talking to the committee members at the display or by writing the committee offices in Room 7-145.

Before constructing the model, Smith visited the Institute and considered the aesthetic and physical constraints of Lobby 10. As proposed, the work would be suspended from the ceiling of

Lobby 10, above the level of the first floor, yet in view from both the first and second floors. Smith proposes that the work be oriented toward Killian Court drawing observers to swing around the work as they pass through the Lobby on the first floor or through the corridor on the second.

An exhibition of Smith's works is currently at the Hayden Gallery, 10am-4pm, Sunday through Friday, through April 19. Using his current style of painted canvases stretched over aluminum poles with string, Smith has created a sequence of four blue and red panels, suspended in alternating perpendicular slants. Observed from an end-on view, the piece appears as a Roman numeral X representing Smith's concept of Lobby 10.

After last year's student dissatisfaction with *Transparent Horizons*, the committee decided it was important to evaluate student response before making any commitment.

Commissioning the piece will add to the MIT Permanent Collection, and thereby enhance the physical and aesthetic surroundings of the Institute.

However, some people may find the piece unattractive or its *avant-garde* style inappropriate for the memorial to the alumni of MIT who gave their lives in World War II. In that light, the committee can request that Smith create another piece, or perhaps relocate the work.

Good artwork is almost always expensive, and this purchase will probably be no exception. The price has not been made public. However, since 1968, MIT has had a policy whereby one percent of the money donated by the Alumni Fund for building construction or refurbishing would be earmarked for the Committee on the Visual Arts as the basic funding source of the MIT Permanent Collection. Because of this policy, an art allocation of \$10,000 was created by the construction of the new Alumni center and the refurbishing of Huntington Hall (10-250). Some of the \$10,000 would be used to cover the cost of the project.

Supovitz stressed that the committee will be acutely interested in what the members of the MIT community have to say about the work, and she encourages everyone to visit the model and comment.

Local anti-smoking law to be tested

By Steve Kirsch

Garry Schulze, a staff member in the Laboratory for Nuclear Science, has filed a criminal complaint in East Cambridge District Court against the Purity Supreme supermarket chain charging that its Cambridge store has openly flouted the city's anti-smoking ordinance.

Schulze said he has plenty of evidence that Purity Supreme has been guilty of violating the Cambridge ordinance which prohibits smoking in public buildings, restaurants, stores and hospitals except in clearly marked and well-ventilated areas. Schulze said he has observed employees, customers and even police officers smoking in the store since a month after the ordinance was passed in the fall of 1975.

"From the beginning, they have made it clear they have instructions from management not to enforce the ordinance," Schulze noted. Several times the management has put back no smoking signs previously taken down after Schulze brought it to their attention.



Shawn Wilson

"Their argument was that their competition won't (enforce) it. ... But I know people who will come to the store if they did enforce the law," he said.

Schulze suffers from migraine headaches and another medical condition which are aggravated by smoke. He has been shopping during slower hours to avoid smokers and save time.

A hearing before the clerk of the district court on April 20 will determine whether or not there is enough evidence to proceed to a trial.

An attorney for Purity Supreme, Edward Cheytun, said the store did not have any comment on the case.

The non-smoking ordinance, passed by the City Council, 9-0, provides fines of \$25 to \$50 for violators. Businesses found in violation of the ordinance can lose their license to operate for 15 days for the first offense and up to a year for repeated violations. If on three separate occasions customers smoke in a store or restaurant outside of the designated areas, the management can be held responsible for the violations.

Officers to accept recompense

(Continued from page 1)

least once every two weeks" and spent 30 to 40 hours on the project. Like the Class of 1977 committee, he refused his ring at the time it was first offered.

Frey told *The Tech* that this year's committee spent about 60 hours choosing a company and designing the ring. She noted that this year's committee put in more time than last year's because they interviewed "all four ring companies instead of just two."

Frey emphasized that accepting the free rings would cause no increase in the ring price to students. She said that the salesman assured the committee that he would take the cost out of his commission.

The ring committee is selected by the class officers. This year's committee sent letters to all candidates who ran for a class of '80

office inviting them to a class meeting. Since none of those invited showed up, the class officers appointed themselves to the ring committee. Conway, Frey, Steinweg and Utko are again running for class office.

Many schools have no ring committee. Rings at these schools are sold through the college bookstore. According to members of this year's committee, this leads to higher costs and poorer quality.

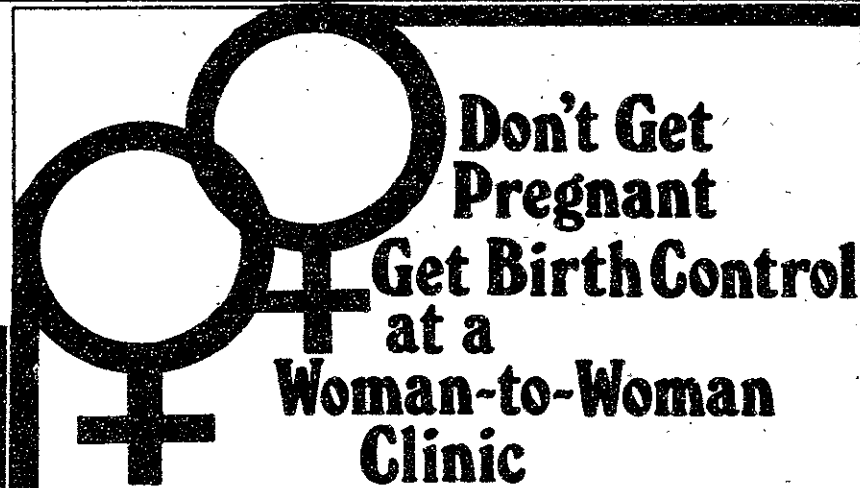
Mass. auto insurance, explained.

Mass. automobile insurance can get a little complicated. And if you're under 25, it can get expensive. We'll simplify things. And we'll help you keep your premiums as low as possible.

W. T. Phelan & Co.

Insurance Agency, Inc.

11 Dunster St., Harvard Square (next to the Holyoke Center).
876-0876. Representing Aetna, Travelers, Hartford.



**Don't Get Pregnant
Get Birth Control
at a
Woman-to-Woman
Clinic**

Complete Gynecological Care

- Pap Test • VD Screening • Contraception
- Individual Counseling • Free Pregnancy Testing

PRETERM



A Licensed Non-profit Health Care Facility
1842 Beacon Street
Brookline, Mass. 02146 (on the MBTA Greenline)
738-6210 for information and appointments



When you're the recognized leader in the creation and production of advanced data communication systems ... first in high-speed modems ... first in network processors ... furthest advanced in applications of LSI ... pioneer in computer communications ... your sales and service network covers the world ... a new facility and a vastly expanded research engineering-administrative complex is being built to accommodate your growth ...

Then you've chalked up some very impressive milestones and you're the envy of the industry. Milestones are commonplace at Codex, where we've built a company on ideas and innovation. If you want to be part of our incredible growth and you've got the skills that will help us to keep up with increased product demand, we want to talk with you.

ON CAMPUS INTERVIEWS Thursday, April 6

SYSTEMS ENGINEERS

Hardware Education with Software Capability

Our Systems Engineering Department is seeking Systems Programmers to work within a multiple microprocessor architecture developing customized data communications products.

Successful applicants will learn first hand both the elegance and the quirks of large scale — often times worldwide — data communications networks. You will be bidding, designing, testing and installing customized networks based on **Codex 6000 Intelligent Network Processor** and other Codex equipment.

R&D PRODUCT DESIGN ENGINEER

Hardware & Software

Our Research & Development Department is seeking innovative design engineers and programmers to work with advanced microprocessor technology for applications to data communication products.

Hardware development positions are available in analog circuit design, logic design and microprocessor systems design. Software positions are open in systems design, applications software, and diagnostic software.

Successful applicants should have a Bachelor's degree in Electrical Engineering or Computer Science and experience with microprocessor systems, programming, digital logic, and/or circuit design. A strong interest in Data Communications would be a desirable asset.

SYSTEMS PROGRAMMERS

Our R&D Department is also seeking innovative Systems Programmers to work with advanced microprocessor architecture for applications and data communications products.

Successful applicants will develop operating systems and application software in a multiprocessor real time environment.

BS/MS in Computer Science or equivalent with programming experience on minicomputer or microprocessor systems.

ELECTRICAL ENGINEERS

Manufacturing Test Engineering

Increased product development activity has created several openings for engineers to develop test processes and equipment for data communications products. These positions combine the technical challenge of working with complex processor-based products with the business challenge of providing cost effective manufacturing test processes. Experience in computer control testing, data communications, and microprocessor applications are all desirable.

SOFTWARE INTEGRATION, SPECIALIST

Our Research & Development Department also has an immediate need for a self motivated individual who will be responsible for the integration of individual programs into a complex microprocessor communications system. The individual will design test logic, procedures and code to perform individual module test, integration and system test. The successful applicant should have programming experience with a systems approach to design. BS/MS in Computer Science or equivalent.

Please see your placement office to arrange an appointment with one of our representatives.

If you are unable to interview at this time, or would like more information about Codex, please forward your resume to Mr. Charles T. Cambell.

codex
corporation

100 Hampshire Street, Mansfield, Mass. 02048
An Equal Opportunity Employer

news roundup

World

Nigeria Welcomes Carter — Jimmy Carter became the first American president to make a state visit to a nation in Black Africa on Friday, March 31. The Carter administration hopes that the visit will illustrate intensified American interest in the political and economic potential of the developing nations. In an address in Lagos, Nigeria, Carter said that his administration is committed to an Africa "that is free from colonialism, racism and military interference by outside nations."

Soviets Want Killer-Satellite Talks — The Soviet Union Army Chief of Staff Nikolai Ogarkov said the Kremlin was ready to talk with the United States on banning hunter-killer satellites. Ogarkov disclosed the Soviet willingness at a Moscow meeting with a group of US congressmen from the House Armed Services Committee, diplomatic sources revealed. The Soviet Union has reportedly perfected the hunter-killer satellite which seeks out and destroys spy satellites. The United States is still experimenting with the satellites according to *Aviation Week*.

Nation

New York Transit Workers to Get 6% Raise — The Transit Authority and Union negotiators have agreed on a two-year contract that will give New York City subway and bus workers a six percent raise in wages and increased benefits. This agreement saved the city from a massive transit walkout threatened earlier on Saturday by the workers.

Grocery Prices Continue to Rise — An Associated Press survey in New York showed another round of supermarket price increases in March, with grocery bills rising by almost 1.5 percent. As in other recent months, the biggest increases came at the meat counter. This increase follows a boost of 1.2 percent in January and 1.9 percent in February.

— Elias Towe

Chem frat revived after thirty years

By Tom Chung

Editor's note: Tom Chung is a member of Alpha Chi Sigma.

The Alpha Zeta chapter of the Alpha Chi Sigma professional chemistry fraternity was reactivated this year after 30 years of inactivity. The MIT chapter disbanded in 1948 when the national fraternity refused to grant membership to blacks.

The reactivated MIT chapter began March 18 with the initiation of its first pledge class followed by a dinner attended by the initiates, active members, members of other college chapters, representatives of the national fraternity, and guests. Officers were elected and the following projects have been discussed and outlined for the coming year: 1) establishment of a notes library for chemistry and chemical engineering courses; 2) a touring chemistry magic show for high schools; 3) service projects for the Institute, e.g. safety checks; 4) aiding in the establishment of new chapters on Boston's various campuses; 5) social and fund-raising events; 6) election of recipient for AXS scholarship award; and 7) pledging and rush coordination.

Many activities are being planned for the future, but more manpower is needed. There will be an informal get-together Friday, April 7, from 4 to 7pm in the

Norris Room, 18-290. Anyone with an interest in chemistry is invited to come and learn more about AXS. There will also be a pledge meeting Tuesday, April 11, at 5pm in 6-233.

The MIT chapter, founded in 1917, is one of over thirty AXS chapters at universities across the country. In addition to aiding its members as chemists, the fraternity serves to provide them with fraternal spirit and a forum of interaction with those who have a sincere interest in chemistry, both as a science and a profession. Membership is for life.

notes

* MITV presents a program on grading tonight at 7:30 on Cable Channel 8. Students can participate by phoning in questions and comments at x3-7212, coming to the studio Room 9-355 or overflow rooms to ask questions in person, or writing to MITV in Room W20-455.

* Dept. of Electrical Engineering and Computer Science Freshman Orientation will be held on Thursday, April 6 at 7:30pm in Room 9-150. Come meet faculty and students describe Course VI and its activities. Refreshments will be served.

* The physics department is sponsoring a UROP Symposium: Undergraduate Research in Physics on Wednesday, April 5 from 3:30 to 5pm in the Physics Common Room, Room 4-339.

"Foam rubber is our business!"
FOAM RUBBER AND POLYURETHANE FOAM & FABRICS FOR EVERY PURPOSE
 mattresses cushions bolsters cut to any size & shape at no extra charge
DISCOUNT PRICES
 IMPORTED DANISH DESIGN FURNITURE
 Cover replacements made to order in vinyls & upholstery fabrics Shredded foam Bean Bag chair refills (styrofoam)
Foam Rubber Discount Center
 254-4819
 165 Brighton Ave. Allston

Circle the Mediterranean the easy way



On Adriatica's passenger/car ferries, you can choose either of two regularly scheduled, time-saving routes: Italy/Greece/Egypt or Italy/Greece/Cyprus/Israel.

Rates start at \$120, with moderately priced restaurants, bars, shops and a swimming pool all on board.

Your car? Bring it aboard. With student discounts of up to 30%, you'll be ahead on money as well as gas!

Adriatica Passenger/Car Ferries
 The most relaxing route around the Eastern Mediterranean

See your travel agent, or contact **extra value travel**
 General Sales Agents in the U.S.
 5 World Trade Center, Suite 6383
 New York, N.Y. 10048
Toll Free: (800) 221-5252
 In NY State: (212) 466-1370, collect.

The last thing you need is Life Insurance, right? Wrong!

The fact is, just about everyone needs life insurance. And the older you get the more you need it... and the more it costs. So if you think you're too young to worry about life insurance, think again. If you buy life insurance now, while you're starting out, you can save throughout your life. And with SAVINGS BANK LIFE INSURANCE you save — because of your age and because SBLI is low-cost life insurance. For more information on how to pay less for life insurance, visit our bank or send us the coupon below.

\$10,000 TEN YEAR MODIFIED LIFE*

Age Nearest Birthday	Annual Premium 1st 10 Years	Average Annual Net Payment 1st 10 Years**
16	\$23.60	\$19.06
17	24.00	19.44
18	24.40	19.76
19	24.70	19.96
20	25.20	20.14
21	25.50	20.18
22	25.80	20.18
23	26.20	20.23
24	26.60	20.25
25	27.20	20.33
26	27.70	20.41
27	28.40	20.71
28	29.20	21.08

* Automatically convertible to straight life insurance at the end of 10 years with premiums based on the then attained age.
 ** Based on current Dividend Scale which cannot be guaranteed.

10% Discount on School & Office Supplies

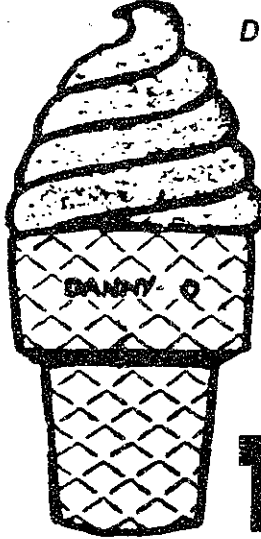
(College ID required; Minimum purchase \$5.00)

UNIVERSITY STATIONERY CO.

311 Mass. Ave. Cambridge
 3 Blocks from MIT

LEE NUTRITION The largest health food and vitamin supermarket in New England!

Discover the Ice Cream alternative!
Danny-O by Dannon
SOFT-FROZEN YOGURT
 in a cup or cone



Enjoy all the fun of Ice Cream plus the wholesome goodness of famous Dannon Yogurt. High in taste, low in fat! Natural fruit flavors.

10¢ special

This coupon and 10c entitles bearer to a regular cup or cone of SOFT FROZEN Danny-O YOGURT at...
LEE NUTRITION 290 MAIN ST., CAMBRIDGE
 Across from MBTA RED LINE station, KENDALL SQUARE
 Coupon good through Saturday, April 29, 1978

SAVINGS BANK SBLI LIFE INSURANCE
A Better Way of Life

Name _____
 Street _____
 City _____ State _____ Zip _____
 Date of Birth _____ School _____

Cambridgeport Savings Bank
 Cambridge Office: 689 Mass. Ave., Central Square (617) 864-5271
 Lexington Office: 1751 Mass. Ave., Lexington Center (617) 861-6550

AWARDS NOMINATIONS

Stewart Awards The William L. Stewart Awards are given to students in recognition of a single, outstanding contribution to a particular activity or event.
 Send nominations to the Awards Committee, Room W20-345

Compton Awards The Karl Taylor Compton Awards are the highest awards given to students by the Institute community and reflect the belief that real excellence and devotion to the welfare of the MIT community in any area, with emphasis on lasting or sustained contributions to the MIT community as a whole, should be recognized.

Murphy Award The James N. Murphy Award is given to an Institute employee whose spirit and loyalty exemplify inspired and dedicated service, especially with regard to students.
DEADLINE DATE: APRIL 11

opinion

New Harvard plan squashes students

By Bob Wasserman

Why did Henry Rosovsky, Dean of Arts and Sciences at Harvard, turn down the presidency of Yale University which was recently offered to him? Was it from loyalty to Harvard? Not likely. Rosovsky has stayed at Harvard to lobby for a major curriculum reform, a process which he began in 1974.

The Rosovsky reform has now taken the form of a long proposal which is currently being debated by the Harvard faculty. The report, which was prepared entirely by Harvard faculty members, would require Harvard students to complete a number of courses in five course areas. These areas include literature and fine arts, history, philosophy and social science, and foreign languages and cultures.

The proposed curriculum, which also includes a mathematical competency requirement, stems from a movement away from the electives and specialized courses which sprang from the 1960's permissiveness. "There was wide agreement", the reform proposal asserted, "that the proliferation of courses had eroded the purpose of the existing general-education program."

something else

What kind of reactionary statement is this, especially coming from a liberal bastion of higher education? What the Harvard Deans should be worried about is improving the contents of the electives and seminars, not burdening students with more stringent requirements. Why does the Harvard faculty feel that it must crack down on students rather than on the faculty members who teach the meaningless subjects?

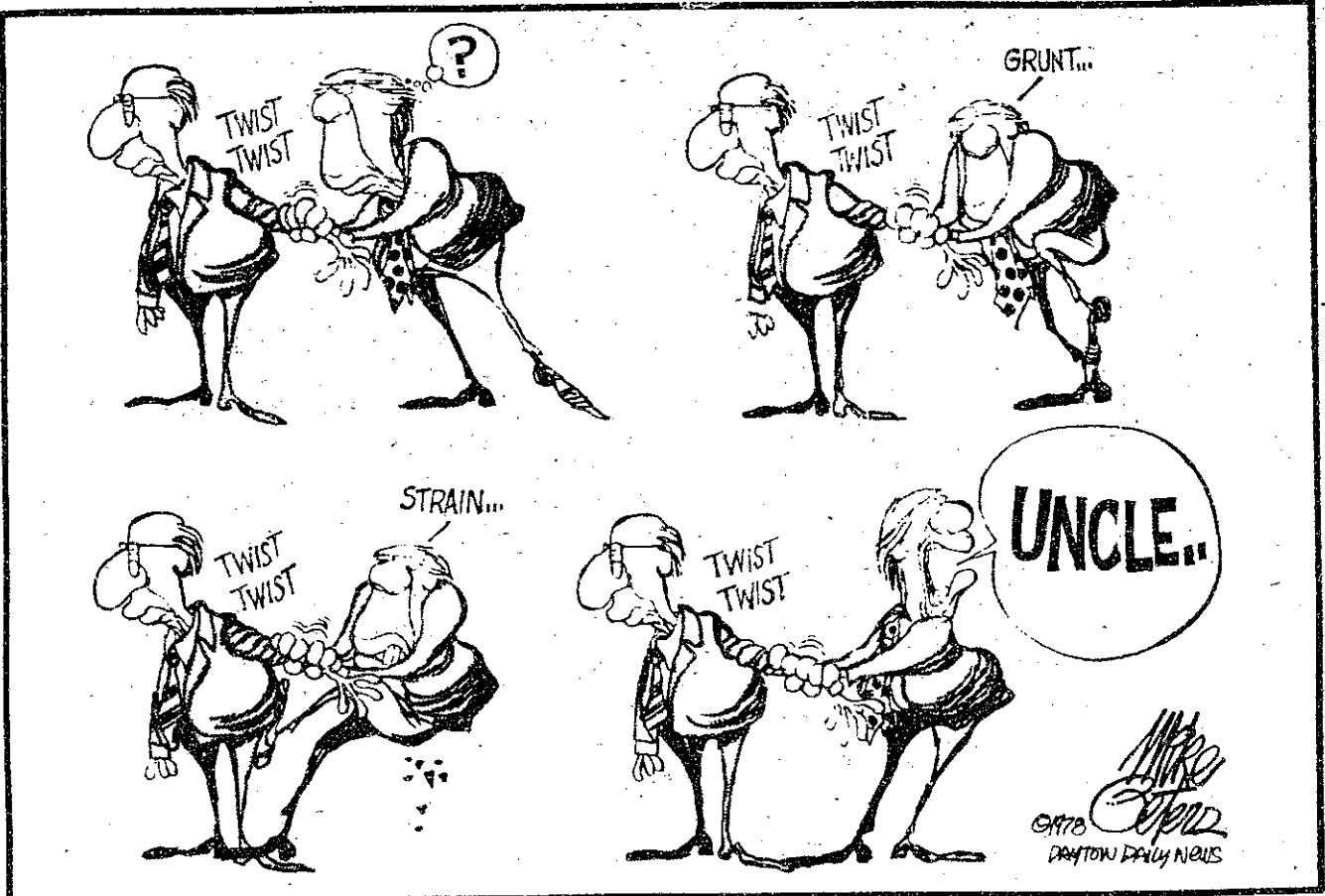
The report cites the Harvard custom of welcoming a student "to the company of educated men and women" upon graduation. Perhaps the reform has been initiated because of the memory of late Harvard President James B. Conant. But even his theory of education, written in 1945, called only for the mastery of three broad branches of knowledge: the natural sciences, the social sciences, and the humanities. How can Rosovsky or his colleagues be more certain of what constitutes an "educated" person than any of their earlier Harvard colleagues?

The Harvard *Crimson* has joined the voices of dissent against the curriculum reform, although it skirts the real issue of permissiveness and academic freedom. A *Crimson* editorial says "the core will not solve... the dearth of close association between students and faculty members". If anything, the new core curriculum will increase this "dearth" by creating a greater number of large lecture courses, primarily in the core areas.

One of the most interesting topics of debate has been the effect this new academic program would have on the scientifically oriented students who apply to Harvard. A faculty member argued that "the kind of science student who'd turn this place down because of the core is the kind who'd end up at MIT anyway". On the contrary, MIT's Humanities requirement, although not equal to Harvard's offerings, is much more lenient than the proposed Harvard reform. Let's hope that the trend at MIT toward tougher academic laws which has surfaced in the drop date proposal and in the grading report do not put an end to this leniency.

At any rate, the Harvard proposal for educational reform is considered to be of national importance, unlike the efforts of MIT's Tom Greytak and Zenon Zannetos. The core curriculum will be voted on later this month, and if passed will take effect in the fall of 1979. The effect that this program will have on national higher education is uncertain, and although there has been a national trend toward stricter college rules, some institutions are sticking by their liberal academic traditions.

The real reason why Dean Henry Rosovsky refused the presidency of Yale is that he feels he can make a significant contribution to American educational policy, besides changing that of Harvard U. This type of megalomania, even from a Harvard Dean, makes Rosovsky the symbol of educational conservatism. Rosovsky is to college academic policy what John Silber is to college administration. Both of these men have lost sight of the needs of college students as well as of their own importance.



feedback

Students and MIT policy

To the Editor:

A group of students met last Monday, March 20, and formed the UA Ad-Hoc Committee on Student Participation in Institute Affairs. Dismayed by the large number of important decisions made without significant student input, we believe students should have a larger voice in deciding issues which affect them. The committee will be meeting to discuss and implement formal ways in which students may participate in policy formation. Our immediate goals are an increase in student awareness of existing channels and the creation of new channels for communication with student and faculty committees.

To make students more aware of policy changes under consideration, we are working on the following two proposals. First, we feel that faculty committee meetings and their recorded

proceedings should be open to the public. Secondly, we would like to enable and encourage student members of the student-faculty committees to regularly report significant developments to the student body at large. This would allow for the widest range of student and faculty response while policies are still being formulated.

As a first step towards greater active student participation, we will be working to make student representatives more accessible and accountable to students. One possibility is to hold regular meetings between the student representatives and interested students. Another set of ideas relates to reform of the nomination and recall process for student members of faculty committees, and efforts to revitalize the UA and its GA. We are also contemplating other, entirely different modes of student participa-

tion, in which the student body could decide issues by direct means.

We feel that these measures will help towards the more long-term goal of direct student participation in policy decision-making.

Because they are consistent with our goals, the committee supports the four referenda on the upcoming UA ballot.

We are still actively discussing these goals and how to implement them. Participation by all interested students is actively encouraged: show up at a meeting and you will instantly become a committee member. The next meeting will be at 7pm on Thursday evening, April 6, in the UA office.

Peter Cariani
John Cochrane
Debbi Lerman
for the Committee

Rogers plant is Fern, not palm

To the Editor:

In reference to the article by Steven Solnick, "Rogers' Plaque Mystery Solved," in *The Tech*, March 17, 1978, I differ with the "first, last, and definite" opinion that the plaque is adorned with a palm leaf. In my opinion, it is a rendition of a part of a frond of a coal-forming fern that grew in the coal swamps of late Paleozoic time. It symbolizes President Rogers' profession. He was a geologist, noted especially for his contributions to knowledge of the structural geology of the Appalachian regions. He worked with carboniferous rocks containing fossil ferns of the kind rendered on the plaque. I hesitate to identify it further than to say it belongs to the *Pteridophyte* — vascular plants comprising the ferns and related forms. Such ferns were common about 220 million years ago in the Pennsylvanian period. I leave it to a paleobotanist to identify it more specifically. It may or may not be a true rendition of a fossil. It is unlikely that both ends of the frond should be so pointed — but possible. The palms, I believe, did not evolve until the Mesozoic Era.

William H. Pinson, Jr.
Associate Professor of Earth and Planetary Sciences

Grade proposal is no moral crusade

To the Editor:

I would like to express my concern about the righteous effort now being made by faculties and administrators throughout the country, and by prestigious foundation commissions, to stamp out the evils of "grade inflation." The recently-issued MIT "Report of the Ad-Hoc Faculty Committee on Grading" is a case in point. Like all moral crusades, this modern mission ought not to be taken merely at face value nor simply criticized in its own terms. The spate of reports, recommendations, and studies on this burning issue contains common themes and reflects common, though often unstated, objectives. It is to these overarching purposes, and less to the actual mechanical details of particular policy, that we must devote critical attention. As a person who has spent considerable time trying to understand the history of technical and university education in the United States, and as one who is troubled by the apparent confusion surrounding this issue — on the part of students and faculty alike — I would like to suggest the following, admittedly incomplete, explanations.

(1) The attempt to "make

grades more meaningful to external users" reflects a larger effort to revitalize the industrial processing function of higher education, a function fostered by industry and adopted by "progressive" schoolmen early in the century. Beginning within the engineering schools, which had the closest contact with industry in the early days, there was a quite deliberate effort to render the colleges more responsive to industrial "specifications" and thus to shift the burden of training, classifying, and selecting industrial manpower from the private to the public sector. This process, which spread rapidly into liberal arts colleges as industrial requirements extended from purely technical to administrative and managerial personnel, was interrupted somewhat during the past few decades. During this period universities had the luxury of turning to government agencies for funding and thus ignoring industry demands, a situation which is now rapidly reversing. During this recent period also strong student opposition was mounted against the processing function of higher education — beginning with Mario Savio and

(Please turn to page 5)

The Tech

David A. Schaller '78 — Chairman
Robert Wasserman '80 — Editor-in-Chief
Steven F. Frann '80 — Managing Editor
Leroy A. Lindquist '79 — Business Manager
Volume 98, Number 14
Tuesday, April 4, 1978

NEWS DEPARTMENT

News Editors: Larry Duffy '81, Jordana Hollander '81, Steven Kirsch G. Artists: David Copeland '81, Vince Dovydaitis '81; Staff: Patrick Barron '78, David Potter '78, Richard Renner '78, Henry Fiorentini '79, Michael Ries '79, Roger Silverstein '79, Margot Tsakonias '79, George Caan '80, William Cimino '80, Barbara Hill '80, Kent Pitman '80, Brian Aiello '81, Richmond Cohen '81, Kenneth Hamilton '81, Michael Heaney '81, Wendy Myers '81, Lynn Radlauer '81, Elias Towe '81.

PRODUCTION DEPARTMENT

Night Editors: Pandora Berman '80, Benson Margulies '81, Eric Sklar '81; Production Manager: Rebecca L. Waring '79; Typists: Susan Frank '78, Chi-Dai C. Tsai; Staff: Michael Brzustowicz '79, Bill Starr '79, Marlon Weiss '80, Matt Dahl '81, Glenn Katz '81, Shawn Wilson '81, Michael Mellone.

SENIOR EDITORS

Kathy Hardis '78, Mark James '78, David B. Koretz '78, William Lasser '78, Mark Munkacsy '78, David H. Thompson '78.

Third class postage paid at Boston, MA, Non-Profit Org. Permit No. 59720. *The Tech* is published twice a week during the academic year (except during MIT vacations), daily during September Orientation, and once during the last week of July. Please send all correspondence to: P.O. Box 29, MIT Branch, Cambridge, MA 02139. Offices at Room W20-483, 84 Massachusetts Avenue, Cambridge, MA. Telephone: (617) 253-1541. ISSN 0148-9607. Advertising, subscription, and typesetting rates available on request.

opinion cont.

feedback

Right-wingers urge deflation

(Continued from page 4)

the Free Speech Movement at the Berkeley "multiversity" in 1964, opposition which has faded considerably in the wake of economic contraction.

(2) The attempt to make good grades harder to get is a lame endeavor to paper over the still-glorious lack of genuine educational substance in "higher education" which was exposed during the 1960's, to create the illusion of rigor, integrity, and intellectual discipline and thereby re-establish credibility for what remains an essentially unimaginative system of vocational training. In the 1960's professors tended to give in to the strident demands of students by softening on grades rather than by responding to serious challenges; in addition, of course, they wanted to relieve themselves of an odious, guilt-rendering task while at the same time endearing themselves, cheaply, to their students. Today, with the severe contraction of the academic job market and the erosion of government subsidy of higher education, professors no longer enjoy the luxury of avoiding their industrial processing responsibilities. Moreover, with student criticism on the wane, itself a reflection of the onset of hard times, professors are once again able to resort to the grade-granting function as a means of establishing authority in the classroom, and stature outside it. As far as the student is concerned, meanwhile, grades remain no less destructive than they were before, fostering an exaggerated preoccupation with performance, a devoted attention to external cues for precious glimpses of self-worth. Far from serving any positive pedagogical function — so long as they are given as evidence of accomplishment to a third party — grades continue to hinder the development of independent thought, presumably the goal of education. Perhaps Kafka best described this degraded form of education — a form well designed to produce diligent subordinates: it is but two things, Kafka wrote, "first parrying of the ignorant children's impetuous assault on the truth and, second, gentle, imperceptible, step-by-step initiation of the

humiliated children into the lie."

(3) Finally, the attempt to combat grade inflation has much in common with the attempt to combat monetary inflation; it too is linked fundamentally with unemployment. Grade inflation, if it does anything, raises expectations of potential employment, an outlook on life hardly suited to a contracting economy. The effort to deflate grades is tied to a much larger endeavor to lower expectations of every sort, from medical benefits to general social welfare. People are everywhere being encouraged to turn criticism inward rather than outward, to substitute self-scrutiny for social scrutiny, to translate social failings into personal failings. If you can't get a job or realize your own dreams it is not the fault of a crumbling, unresponsive, inequalitarian economic system but rather of your own lack of talent or effort: you can't make the grade. In short, the effort to deflate grades is an effort to accommodate people to things as they are and thus to minimize the potential threat to social order represented by those who expect, and demand, more than they are getting. The recent spate of college reports on grade deflation, then, like the one issued last week here at MIT, whatever the particulars of policy, constitutes a defensive assault launched by those who "have" against those who "have not", in a last-ditch attempt to preserve their own sense of entitlement. As such, the reports are reminiscent of the posture assumed by another ardent moralist, Henry S. Pritchett (as in the Pritchett lounge), MIT President, founder of the Carnegie Foundation for the Advancement of Teaching, and director of the National Society for the Promotion of Industrial Education, when he confided to his brethren at the elite Twentieth Century Club in 1901 — in a speech on the importance of educational tracking — that perhaps "the 'room at the top'

motto has been overworked."

David F. Noble

Research Associate and Lecturer

Anti-gay graffiti worse than Greytak lines

To the Editor:

I thought Dean Eisenberg's concern with the "Greytak Must Die" graffiti (*The Tech* March 21, 1978) was surprising. For years, I have seen bathroom graffiti such as "Kill Queers", "Gas Gays" and the like. In addition, the plexiglass bulletin board of the Gays at MIT has repeatedly been scratched, written on and otherwise abused. Not once has any member of the administration expressed any concern that these threats of violence be stopped or even investigated.

It disturbs me that the Dean for Student Affairs, who is trained as a psychiatrist, seriously pursues a misguided, yet superficially motivated hacker, while continuing to ignore the cries of help from distressed individuals with a deep-seated, irrational, and perhaps violent fear of homosexuality.

Stewart Landers G

NEW ENGLAND WOMENS SERVICE

A QUALITY, LICENSED MEDICAL FACILITY
 ABORTION, BIRTH CONTROL, GYNECOLOGY,
 FREE PREGNANCY TESTS & COUNSELING

HOURS: MON — FRI. 9-9; SAT. 9-5

738-1370

1031 BEACON STREET, BROOKLINE

Is it sick to love a pen?

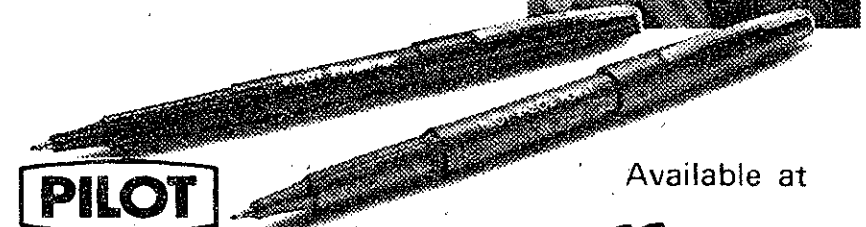
Is it crazy to love marker pens that give you the smoothest, thinnest line in town...and feel so right in your hand? Is it mad to worship pens with clever little metal "collars" to keep their plastic points from getting squishy?

Not if the pen is a Pilot marker pen.

Our Razor Point, at only 69¢, gives the kind of extra-fine delicate line you'll flip over. And for those times you want a little less line, have a fling with our fine point 59¢ Fineliner. It has the will and fortitude to actually write through carbons.

So, don't settle for a casual relationship. Get yourself a lasting one, or two, to have and to hold...at your college book store.

Pilot Corp. of America, 30 Midland Ave., Port Chester, New York 10573.



Available at
PILOT
 fineline marker pens
You'll never write so fine

the COOP

Garber Drivers Are Good Drivers

The Garber Driving Schools

1230 Mass. Ave., Cambridge
 Tel: 864-2324

SPECIAL INTRODUCTORY OFFER \$10

Door to Door Service
 Professional Instruction
 An Affiliate of Garber Travel

A real class act!

Buy a Quarter Pounder®* and get one free.



We're glad you're back on campus. And just to prove it, we're giving you this bonus. Next time you and a friend are feeling hungry, come to McDonald's® in Cambridge and fill up on two Quarter Pounder®* sandwiches for the price of one.

Buy one Quarter Pounder®,* get one free!

This coupon entitles bearer to a free Quarter Pounder®* sandwich with the purchase of a Quarter Pounder.

Good only at McDonald's®
 463 Massachusetts Ave.
 Central Square, Cambridge



Offer expires April 12, 1978. Mr. Operator: Please redeem and return to above address for reimbursement of costs. *Weight before cooking 1/4 lb.

WORLD EXPEDITION

18 months 65 foot schooner.
 Coed Crewmembers needed
 to share expenses. No experience
 necessary. \$9,200 each.
 Departing Nov. 2, 1978
 Join
 Heidi and Doris Smith
 P.O. Box 84
 Portsmouth, N.H. 03801
 207 644 8691



Limited Seating

Register Now!

ENERGY TECHNOLOGY: Meeting Tomorrow's Needs?

Attend the AIAA/FASST Symposium at M.I.T.

April 14, 1978

TOPICS AND PROGRAM INCLUDE:

- WHAT IS OUR PRESENT ENERGY SITUATION?
- WHAT ARE OUR PROJECTED FUTURE ENERGY NEEDS?
- FUTURE ENERGY ALTERNATIVES: WHAT ARE THE OPTIONS?
 - Fossil Fuels, Nuclear Power, Solar Energy, Geothermal, Ocean Thermal, Wind Energy, Space Based
 - Solar Power Systems—
- WHAT ARE THE ECONOMICS AND ENVIRONMENTAL IMPACTS OF THESE ENERGY SOURCES?
- SPECIAL SESSION: FUTURE ENERGY EMPLOYMENT OUTLOOK

The general public, students, and faculty of all disciplines are invited to attend. To receive additional information, contact:

AIAA STUDENT BRANCH/MIT
 (617) 253-2278/4926

Preregistration Fee is \$10.00; \$12.00 at the door.
 This includes symposium materials, lunch and banquet dinner.
 Enclose check or money order payable to MIT Energy Conference.

Send to: AIAA/MIT
 Room 33-222,
 77 Massachusetts Avenue
 Cambridge, Massachusetts 02139.

NAME _____

ADDRESS _____

CITY/STATE/ZIP _____

arts

DePalma's Carrie magic fails in *The Fury*

********* *The Fury*, a Twentieth-Century Fox release; produced by Frank Yablans; directed by Brian DePalma; starring Kirk Douglas, John Cassavetes, Carrie Snodgrass, Charles Durning, Amy Irving, and Andrew Stevens; screenplay by John Farris, based on his novel; score by John Williams; playing at Sack Pi Alley and the Circle Cinema.

By David B. Koretz

The most important ingredient of a film of the horror genre should be its ability to grab and keep its audience. Unfortunately, *The Fury* can barely keep its audience in the theater.

The successful horror movie demands a terrifying, suspenseful screenplay, dynamic acting, innovative directing and a powerful score. One out of four, however, is pretty bad: John William's score is only a little short of brilliant, but John Farris's screenplay is amateurish at best, the acting is B-grade, and DePalma's direction employs the technological creativity of a *Last In Space* episode.

The most apparent flaw is the acting. An aging Kirk Douglas plays a government agent with a teenaged son. Douglas is terribly miscast; by trying to play a man 20 years younger than himself, he overacts even more severely than he usually does. John Cassavetes, at the other extreme, walks through his part as Douglas's Benedict Arnold buddy.

Douglas's son (a boring Andrew Stevens) has incredible psychic powers. He is abducted by the "Agency," which also tries to kill Douglas. Cassavetes, Douglas's longtime "friend", has engineered the abduction to allow further development of these incomprehensible and seemingly worthless powers. Douglas spends the rest of the movie searching the country for his

son, never quite making it clear what would happen should he find him.

Meanwhile, young Amy Irving is demonstrating similar powers and acting abilities at girls' school where she makes her classmates bleed by holding their hands. (Heaven help her dates.) Scared by these gratuitously bloody scenes, Amy (who has nice eyes — after Williams's score they're the best feature of the film) goes off to a special institution for the psychic rich. The place is run by the ever-bland Charles Durning for Cassevetes' "Agency," with the help of a frantic Carrie Snodgrass, who often sleeps with — you guessed it! — Kirk Douglas. The plot gets even *more* bogged

down as we find out that Douglas's son was once kept in the institution, and there's now a psychic link between Amy and the boy.

We then have some filler scenes where the loose ends are made more confusing, leading us to the climax in which both Douglas and his son are killed. That's it. No message, no point, no justification for Douglas's perseverance, for Amy's troubles or for Cassevetes' intransigent villainy. Oh, one more thing: Amy blows up Casavetes, and the movie ends with a rubber mask of his head rolling around.

DePalma's work is misdirected. The

opening scenes (complete with a terrorist attack on a beach) set a pace that the rest of the movie can't even come close to. He has to work with a confusing plot and a dialogue that meanders between corny and soporific. However, he adds little to it other than cookbook camerawork, not very special effects, and far too much fake blood.

DePalma thought that what worked well in his hit *Carrie* would work well here. Not only has he totally failed to capture any of the terror or suspense of that movie, he hasn't put anything at all into *The Fury* that is worth seeing.

happenings

AROUND MIT

Guys and Dolls, The Musical Theatre Guild's spring production will play Fri. and Sat., April 7 and 8 at 8pm, Sun., April 9 at 4pm and Thur.-Sun., April 13-15 at 8pm. Tickets \$3.75 and \$2.50 with MIT ID and for senior citizens. Sun. & Thur. prices are \$3 and \$2. Call x3-6294 for reservations.

Tryouts for the MIT Dramashop production of *You Can't Take It With You* will be held Tues. & Wed., April 4 & 5 at 7:30 in the Kresge Little Theatre. New members welcome; many positions available including Assistant to the Director and Stage Manager. For info., Call x3-2908. Performance dates May 5, 6, 11-13.

MIT Semi-Formal Ball, sponsored by the MIT-Wellesley Ballroom Dance Club. No partner necessary. Sat., April 8, at 8pm, Sala de Puerto Rico. Admission \$2.50; call x5-8347.

Seth Carlin, pianist, will perform Wed., Apr. 5 at 5:15pm in the Music Library. The program will include Debussy's complete *Prelude, Book 1* and four Ballades by Chopin; free.

Michael Steinberg, former music critic for *The Boston Globe* will give a lecture entitled *The Music Hater* on Mon., Apr. 10 at 3:15pm in Room 10-250; free.

Strat's Rat, Fri., April 7, cheap beer and

wine, good music 2nd floor, Student Center, Start's at 8:30; free.

AT THE MOVIES

The LSC lineup this weekend:

The Four Musketeers (Fri.) 7 & 9:30 in 26-100

Nasty Habits (Sat.) 7 & 9:30 in 26-100

Animal Crackers (Sun.) 6:30 & 9:30 in 26-100

The Mouse That Roared, the Midnite Movie, Sat., April 8, 2nd floor, Student Center.

Wuthering Heights, with Sir Laurence Olivier, sponsored by the Dept. of Humanities, Fri., April 7, 7:30pm, Rm 66-110; free.

Great Expectations, directed David Lean, sponsored by the Dept. of Humanities, Fri., April 7, 9:30pm in Rm. 66-110; free.

Unreal: A Collection from the world's finest short films has returned to the Off the Wall Theatre, 861 Main St., Cambridge. Playing Fri. & Sat. at midnight, admission \$1.50; call 547-5255.

IN TOWN

Pete Seeger, Fri., April 7, 8pm at Symphony Hall; tickets \$5-\$5.50.

The Tubes, 2 shows, April 8, 7 & 10pm at the Orpheum; tickets \$7.50-\$8.50.

Apple Hill Chamber Players, Cambridge

Concert Series, Sanders Theater, Harvard, Sun., April 9, at 8pm. Tickets \$2-\$5.

Fenway Studios tour, Boston's oldest art studio, Sun., April 9, 1-5pm, 30 Ipswich St., off Boylston at the Fenway. Tickets \$3; call 536-0833.

IN THEATRE

20 October, At Night, Yeshoshiva Sobol's award winning Israeli play, about seven young Palestine pioneers in 1920, directed by Arie Yass at the Boston Repertory Theatre, One Boylston Place, Boston. Tickets \$5.50-\$7.50; call 423-6580.

Ashes, at the Next Move Theatre, 955 Boylston St., Boston. About a married couple trying to conceive or adopt a child, light and sensitive. For info, call 536-0600.

The Importance of Being Earnest, presented by the Emerson College Theatre Company, 130 Beacon St., Boston, Thur.-Sun., March 30-Apr. 2, & Tues.-Sun., Apr. 4-9. Performance 8:30pm; tickets \$2.50; call 536-0862.

ANNOUNCEMENT

Form and Figure, lecture by Alan Colquhoun, sponsored by Harvard Grad. School of Design, Thurs., April 6 at 5:30pm in Piper Auditorium, Gund Hall, 48 Quincy St., Cambridge; free; call 495-4731.

The Tech's movie rating scale:

- ***** excellent
- **** very good
- *** good
- ** fair
- * poor
- the absolute pits

BRATTLE FILMS PRESENTS

Features for the week of April 5 - 11

Brattle Theatre

TR 6-4226 40 Brattle Street

Two Classic Thrillers:

Alfred Hitchcock's

NORTH BY NORTHWEST

with Cary Grant, Eva Marie Saint and James Mason

5:30 9:35

and

William Powell and Myrna Loy in

THE THIN MAN

7:55 Wknd Mat 3:55

CENTRAL SQUARE CINEMAS

425 Massachusetts Avenue 864-0426

CINEMA I

Ken Russell's Masterpiece

WOMEN IN LOVE

with Alan Bates and Glenda Jackson

5:10 9:35

and

Billy Wilder's

THE PRIVATE LIFE OF SHERLOCK HOLMES

7:25 Wknd Mat 3:00

CINEMA II

Max Ophuls'

LOLA MONTES

with Oskar Werner and Martine Carol

5:45 9:35

and

Satyajit Ray's

KANCHENJUNGA

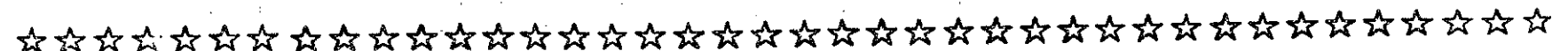
7:45 Wknd Mat 3:55

EVERY WEDNESDAY IS DOLLAR DAY AT THE BRATTLE AND CENTRAL SQUARE CINEMAS



Meet the Candidates

an open forum



Hear the UAP/UAVP nominees

Ask questions of the candidates.

In 10-250, Thursday April 6, 4-6 pm.

sponsored by the U.A.



Are You Into Freebies...?

If so, we've got them at **The Tech** Our Arts Staff is looking for more theater, movie, and music critics, and a Happenings column editor. So, if you are into freebies, call x3-1541 or visit **The Tech** at Room 483 in the Student Center.

Foot group gives advice to marathoners

Editor's note: The Tech received the following news release which should interest anyone who wishes to avoid the high cost of automobile insurance in Boston.

Running is excellent total exercise. It's good for the heart, the lungs, the circulation.

Runners agree that a good pair of shoes is their most important investment. The Footwear Council says you should expect to

spend around \$25 for a pair that is well made.

Running shoes fall into two basic categories — training and racing. For daily runs you should get a sturdy pair of training shoes with a half to one inch of cushioning. The bottom of the shoe should conform naturally to your foot shape. There should be about one half inch of room in the toes. And be sure to try on any shoes

with the socks you'll be wearing when you run.

Running shoes should have a heel that is slightly higher than the toe to reduce strain on the achilles tendon. Look for as much padding as possible — a shoe that combines sponge rubber and high density rubber is best for shock absorption and stability.

The back of a running shoe must have a "counter" to cup your heel in a firm embrace and prevent it from wobbling around. The Footwear Council also advises checking to make sure the tops of your shoes mold snugly over your toes and instep — but not so tight as to cramp your running motion.

Wear whatever you're comfortable in. Then go out and run. Dr. Rob Roy McGregor, medical consultant to The Footwear Council, advises aiming for 10 to 15 minutes or one mile daily for the first week. Jog as far as you can, then walk. Then jog again. Repeat until the time or the mile is up.

Dr. McGregor stresses the im-

portance of warming up before you start to run. Stretch your neck, shoulders, legs and feet. Run with the center of gravity over your front foot. Lean slightly forward. Relax your shoulders. Keep your strides short. Bend your arms at a 45° angle and swing them back and forth above the hips.

Wanted: space experiment

Editor's note: The Tech received the following news release from QUEST 78.

QUEST 78 has reserved room for an experiment aboard an early flight of the U.S. Space Shuttle. Purpose: to help make the program accessible to deserving experimenters who lack resources to develop and finance such projects on their own. QUEST 78 invites groups or individuals to submit ideas for the best use of the Shuttle reservation and will donate it to the winner, in addition to sharing the experimenter's NASA fees and developmental costs, according to financial need.

The winning project can be in almost any field, ranging from astrophysics to medicine, economics to molecular biology. But it must be an experiment that can be done only aboard the Space Shuttle, fit into a container measuring five cubic feet, and weigh less than 200 pounds. Most important, QUEST 78 will give special consideration to proposals that promise some tangible, significant benefit to humankind (e.g., the eradication of disease, more efficient energy use, etc.). Sheer commercial or military projects will not be considered.

Deadline for the Quest 78 Space Shuttle Experiment Competition is September 1, 1978. If you have sufficient

background to design and construct an appropriate project, write a succinct description of your idea in 500 words, enclosing any necessary diagrams together with a resume of any other information that would indicate your ability to carry out such a project. Send your proposal and credentials, with a stamped, self-addressed envelope to: QUEST 78, Space Shuttle Experiment Competition, 1133 Avenue of the Americas, New York, NY 10036. For additional information see the March-April issue of QUEST 78.

Automatic Speech Recognition

Career opportunities for new & recent Computer Science Engineering graduates in software for speech recognition system product development, research, data base, language and simulation facilities.
Excellent location, close to Boston.



For immediate consideration, please send resume to:
Vaughn J. Dixon, Dialog Systems Inc., 32 Locust St.,
Boston, MA 02118
An Equal Opportunity Employer M/F

DIALOG SYSTEMS, INC.
An Affiliate of **EXON Enterprises Inc.**

TRANSLATORS

NATIVE SPEAKERS of Arabic, Bulgarian, Chinese, Dutch, Farsi, French, German, Greek, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Swedish, and other languages needed for translations into foreign languages in various fields of engineering and science. Well-paid with convenient arrangements to suit your time schedule.
Experienced into-English translators and foreign language typists also needed for free-lance assignments in all languages.
Call Dr. Jauregui at 661-3900.

116 Bishop Allen Dr.
(Formerly Austin St.)
Cambridge, MA 02139

Male, shy mathematical genius in his twenties, would like to meet female, likewise, 19 to 29. Charlie, P.O. Box 124, Westboro, Mass. 01581.
Please:

HEARING and EYE GLASS

Where prices are down to earth... 

We Have
The Eyeglass Frame You Want
at a
Price You Can Afford

- Prescriptions filled
- Prescription sunglasses
(Large selection of Ray-Ban Sunglasses available)
- Tinting to your liking
- Contact Lenses
60 Days Free Trial
Starting at \$ 89.00*



Central Square
495 Massachusetts Avenue
Cambridge, Mass. 02139
661-2520

* Does not include Professional Services or Eye Examination

PART TIME JOB

Gnomon Copy is seeking Xerox machine operators. Starting pay \$ 3.00/hr., hours available to suit your schedule. Near MIT, owned by MIT grads, you will be working with students like yourself. This is a much better job than handling food, and we are good people to work for. Dial "C-O-U-R-I-E-R" and ask for Tom Scarnati.


Experienced Computer Programmers and Engineers

Positions from \$15,000 to \$35,000

Winter, Wyman and Company is a full service employment consulting firm, specializing in the placement of experienced computer professionals. Our business and reputation is built upon trust, capability and high standards of professional practice. This reputation allows us to maintain excellent working relationships with a very broad range of clients in the computer industry, including computer vendors, users, peripheral manufacturers, system houses, software houses, engineering and research firms.

Our clients have urgent needs for:
Minicomputer Systems Programmers, Compiler Designers, Real Time Assembly Language Programmers, Microprogrammers, Diagnostic Programmers, Data Base Specialists, Software Consultants, Programmer/Analysts, Systems/Analysts, Business Programmers, Microprocessor Designers, CPU Architects, Logic and Circuit Designers and System Engineers.
Client companies assume our fees. Evening interviews can be arranged. Call or send resume in complete confidence.

Contact: Mr. James P. Masciarelli
Manager, Data Processing Placement



60 William Street • Wellesley Office Park • Wellesley, Mass. 02181 • 617-235-8505
Member: Massachusetts Professional Placement Consultants, Inc.

UROP SYMPOSIUM

(Undergraduate Research Opportunities Program)

UROP — The exciting research program open to all undergraduates is an MIT offering.

Date: Thursday, April 6, 1978
Place: Room 264, Science Center, Wellesley
Time: 4-6 p.m.

Come and hear 4 Wellesley students describe their research experiences in UROP

— And hear more about UROP

Refreshments

sports

Net teams weather problems

By Helen Miyasaki

Now that the snow has finally disappeared, the spring sports must face the aftermath of this past winter. The hardest hit will be the three tennis teams. The loss

of the tennis bubble has delayed the start of practice for the women and the men have shifted to other practice sites.

"The men are playing in DuPont Armory on the wood and

the courts at Charles River Park from 10 to 12 at night trying to get in shape," said head coach Ed Crocker.

Much hinges on the clay courts which are usually put into playing condition during spring. The large amount of water from the melting snow can saturate the clay and make the surface too soft. Physical Plant, however, anticipates no problem as long as another snowstorm does not come this way.

Modifications are presently being made to the courts under the torn bubble. After the removal of the lights and other obstacles, these four courts will be used by the teams. The two courts by Tang Hall will also be used for practice.

Playing fields for lacrosse, soccer, softball, and baseball are slowly drying out for the competition season.

Foul Shots

Yankees will defend title

By Tom Curtis

Major league baseball opens its season tomorrow night as the Minnesota Twins meet the Seattle Mariners in the Kingdome. All of last year's division winners have good chances of finishing first again.

The American League East will be a battle between the Red Sox and the Yankees. Buoyed by their booming bats, the Red Sox will probably lead the division until September. Then a typical Red Sox fold combined with a Yankee surge should give the Yankees just the margin they need to make the playoffs. Cleveland, Detroit, Baltimore, and Milwaukee should finish in a bunch. Toronto has a stranglehold on last place.

California, Texas, and Chicago will all be serious challengers to dethrone Kansas City in the American League West. California has the potential to become the Yankees West. Texas has its momentum from the last half of last season, and Chicago has the brilliant Bill Veeck as the owner. However, Kansas City shows few signs of crumbling. Moreover, the Royals have some of the best rookies this year. This should assure them of another trip to the playoffs. Seattle may edge Minnesota for fifth. The Oakland A's (or will they be the Denver Duds?) will finish dead last.

The National League East is virtually a toss-up between Philadelphia and Pittsburgh. The division winner will be the team with the fewest injuries. Philadelphia is a slight favorite. If both teams falter, St. Louis, Chicago, or even Montreal could be a dark horse winner. The Mets are back to the days of old — 1962, not 1969.

The National League West may have its first tight race in many years. Age may catch up with

defend title

Cincinnati this season which means Los Angeles should be better able to survive the pennant race and make the playoffs. San Diego has the right ingredients to finish third ahead of San Francisco, and Houston. Atlanta is bad enough that Ted Turner might decide he needs to play for the team as well as coach the team.

Looking towards the World Series, the Yankees and the Phillies should be the participants. New York will win since the Yankees play best where money is involved.

☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆

The MIT Musical Theatre Guild Proudly Presents

Guys and Dolls

April 7, 8 14, 15 \$2.50

April 9, 13 \$2.00

at 8:00, Sunday at 4:00

Kresge Auditorium **253-6294**

☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆

MITV Presents

a live, campuswide discussion

On Grading

with: Robert Hulsizer, Chairman, CEP
William Siebert, Grading Committee
Zenon Zannetos, Chairman, Student Rep., Grading Committee
Drew Friery, Grading Committee

You can participate by phoning in your questions and comments (x3-7212), coming to the studio or overflow rooms (9-355) to ask your questions in person, or writing us your comments at MITV-W20-455. (We will forward them to CAP, CEP, and the Grading Committee.)

Tonite 7:30pm Cable Ch. **8**

IS IT SKIING? WATER SPORTS? OPPORTUNITY?

Why does a sophisticated aerospace company attract managers from the "big boys"? See the Lewis & Saunders, Inc. recruiting representative on Wednesday, April 5th for more info.

Independent Study Credit?

Many Harvard undergraduates have been receiving I. S. credit for the *Auto Repair Courses* at **Mechania**, the self service auto repair facility. Beginner and advanced classes for laypersons are starting April 4th, this week. Learn to repair and maintain your own car. Courses last 6 weeks. Register now! For more info. call 354-9339. 33 Tudor St. Cambridge.

Attention Seniors in Computer Sciences Business Management Math

BayBanks Data Services

in Waltham (off 128) will be interviewing for full time positions in its systems support area on April 6. All openings offer excellent opportunities for advancement in management and technical areas. Please sign up for interviews in room 12-170.

classified advertising

Production Services Corporation, a consulting firm in Waltham, seeks individuals with digital hardware experience who would be interested in working with both hardware and software in the automatic testing field. We have fulltime openings for graduating engineers as well as part-time and summer jobs for students.

MESSIANIC JEWS

Offer free Bible literature concerning their beliefs. Write: Scriptures, Dept. X-11, P.O. Box 1257, Merritt Island, Florida 32952

I need to locate a **competent lawyer** from Richmond, Virginia to help me reopen an industrial accident claim. Access to a computerized legal data base helpful. Please write: Mr. Hymann Louis Brenner, P.O. Box 206, West Lynn, Mass. 01905.

College Reps Wanted

\$75 week. International Marketing Co. is seeking students P.T. while in school to develop business in local area. Tuition aid for leaders. Call: 396-8773.

Needed Performers for outdoor Summer Concert Series at Westgate, MIT on Wednesday evenings. Call Jan Ostrowski after 5, 494-8284, or write Westgate 1609, Cambridge, MA 02139.

Tennis Pros and Assistant Pros — Seasonal and year-round clubs, good playing and teaching background. Call (301) 654-3770, or send 2 complete resumes and 2 pictures to: Col. R. Reade, W.T.S., 8401 Connecticut Avenue, Suite 1011, Chevy Chase, MD 20015

Coin-operated Bottle dispensing soda machine wanted. Len x3-1541.

PASSOVER MEALS

The MIT Kosher Kitchen announces its Passover meals. To order meals return the form below with payment to the Hillel Office (312 Memorial Drive) or Valerie Kaufman (McCormick 429) before Wed. April 12.

Fri., April 21	(1st Seder)	@\$6.25
Sat., April 22	lunch	@\$2.50
April 22	(2nd Seder)	@\$6.25
April 23	lunch	@\$2.50
	dinner	@\$3.25
April 24	lunch	@\$2.50
	dinner	@\$3.25
April 25	lunch	@\$2.50
	dinner	@\$3.25
April 26	lunch	@\$2.50
	dinner	@\$3.25
April 27	lunch	@\$2.50
	dinner	@\$3.75
April 28	lunch	@\$2.50
	dinner	@\$3.75
April 29	lunch	@\$2.50

Name _____ Phone _____
 Address _____ Amount enclosed _____
 What meals can you help serve/clean up? _____
 (expected of all eaters)

All meals are served in the Kosher Kitchen (50-005). Weekday dinners at 5 and 6pm. Lunches 11-1. For more info and schedule of holiday dinners call Mike 494-8159, d17532.

"Watson, I find it Quite Amazing that more university students haven't found their way to CopyQuik to pick up their **STUDENT DISCOUNT CARDS.**"

"Yes Holmes, unusual that students wouldn't take advantage of their **LOW LOW** prices and especially now, with a discount card, they receive up to a 15% discount."

"I find it fascinating that a company which has serviced this area for the past 20 years is so difficult to locate. We've got to find out why!"



**COPY
QUIK**

1230 Massachusetts Ave.
Cambridge, MA 02138
864-1856

**BETWIXT
OR
BETWEEN
!**

"Look Watson, there it is on the corner of Bow Street in Harvard Square. Put down these landmarks . . . Baskin-Robbins and the Hong Kong. It's located right betwixt them."

"Betwixt Holmes, really, I say!"

Find your way to CopyQuik. The savings you'll receive with your Student Discount Card will well afford you an ice cream at Baskin-Robbins or an oriental dish at the Hong Kong Restaurant.

"Really"!!!!



APRIL 3, 1978

A VERY IMPORTANT DATE FOR EVERY STUDENT TO REMEMBER . . .

On this date COPYQUIK, INCORPORATED, will start issuing . . .

STUDENT DISCOUNT CARDS

CopyQuik, Inc., being one of the first commercial copy centers in the country and located in the Harvard Square area for the past 20 years, well understands the plight of the student. Skyrocketing living expenses, increased food prices and the general cost of education today, makes it financially tough on the average student.

By continually updating their equipment and personnel, CopyQuik has managed to increase their services, speed, quality and at the same time **REDUCE THEIR PRICES . . .** This has been of some aid to the struggling student, as copying is part of their everyday life.

CopyQuik, Inc., would like to feel as though they were part of helping you accomplish your ultimate goal — **YOUR DEGREE.**

What more can we do . . . In addition to having the best copy center services available in this area and the lowest prices. **WE CAN FURTHER LOWER OUR PRICES BY OFFERING EVERY STUDENT A DISCOUNT.**

WHAT DOES THIS MEAN TO YOU?

—**THE LOWEST PRICED COPIES AVAILABLE**
(CopyQuik, Inc., already heralded for its low prices, now offers the student a lower than low priced copy with a STUDENT DISCOUNT CARD.) Refer to the Student Discount Rates on the reverse side of this sheet.

—**THE BEST COPY CENTER SERVICES AVAILABLE**
(CopyQuik, Inc., is known throughout the Greater Boston Area for its diversified services. They are the only Copy Center which on premises, offers their customers: Xerox® Copying, Color Xerox® Copying, Three processes in Offset Printing: CopyOffset, Itek, and Negative & Plate. These reproduction services are complemented with the MOST COMPLETE BINDERY FACILITY in the area. All this with same day service in most cases.

—**PERSONAL CONSULTATION WITH OUR EXPERTS IN THE COPY CENTER FIELD.**
(For those who are already familiar with CopyQuik, you will note that the Sales personnel at our counter and in our office remains the same. We hire the best, train them to service your needs. We do not change our personnel, such as others centers in the area. We demand professionalism; you can't accomplish this by hiring gypsies in the trade. Our people are well versed at their primary function, serving our customer, large or small and doing it professionally, quickly and with a great deal of empathy.

In addition to these advantages, CopyQuik, Inc., will be offering **SPECIALS** to Student Discount Card Holders during the course of the year.

How do you qualify for the CQ Student Discount Card?

1. You must be a college student enrolled in any college or university in the country.
2. On submitting your application for your card, a student I.D. card must be presented.
3. All information must be completed on application.

STUDENT DISCOUNT CARD APPLICATION

Student Name _____

Address _____
(Where Living while attending school)

City _____ State _____ Zip Code _____

Telephone Number _____ School Attending _____

Date of Graduation: _____ Card Number applied _____

XEROXING

.50—\$ 5.00 — 2%
5.01— 50.00 — 5%
50.01—100.00 — 7%

Add 1% for every \$100.00
after first \$100.00.

COPY OFFSET

Minimum \$2.00

\$2.00 — 25.00 — 5%
25.01 — 100.00 — 7%
101.00 — 500.00 — 10%

Add 1% for every \$250.00
after the first \$500.00.

BINDERY

Minimum \$2.50

\$2.51 — 50.00 — 5%
50.01 — 100.00 — 7%
101.00 — 500.00 — 10%
501.00 — 1000.00 — 15%

Perfect Binding excluded
from discount.

ITEK/NEG.-PLATE

\$6.00 — 50.00 — 2%
50.01 — 100.00 — 3%
101.00 — 300.00 — 5%
301.00 — 500.00 — 7%

Add ½ of 1% for every
\$250.00 after first \$500.00.

TYPESETTING

NO DISCOUNT

ON

ALL

TYPESETTING