

Faculty will meet again to debate WI

By Tony Zamparutti

The faculty will continue its discussion of issues concerning the Whitehead Institute for Biological Research (WI) in a special meeting that has been called by President Paul E. Gray '54 for Wednesday, September 30.

The Executive Board of the MIT Corporation will consider the proposed affiliation between MIT and WI at its meeting on October 2. "The Corporation will not act until it has full faculty input," commented Walter L. Milne, Assistant to the Chairman of the Corporation.

The proposal was tabled at the Wednesday, September 16 faculty meeting and conclusion of debate was postponed due to lack of time.

Sheldon Penman, Professor of Biology, who raised a number of questions at the faculty meeting, noted "The questions I put forward were answered as openly and honestly as possible... but nobody was able to answer them to my satisfaction."

"Did our administration conduct themselves as impartial arbiters [in the discussion]?" questioned Penman. "They were clearly advocates" of the Whitehead Institute, he contends.

The implications of WI are "enormous," said Penman. "In

all my time at MIT, nothing has had this large an implication for education." The issue concerns the "responsibility of faculty members to outside institutions." In the past, noted Penman, university professors had outside connections and support, such as to the church. Universities have since evolved from such arrangements, but WI could represent a return to such ties, said Penman.

The implications of the precedent set by WI, an issue Penman raised at the faculty meeting, "certainly wasn't answered."

Chales E. Holt '62, Professor of Biology, asked about the commitment of Whitehead faculty to undergraduate education at Wednesday's meeting. "My concern is still there," noted Holt. "Some efforts are being made to make changes in the arrangement to enhance the involvement of the Whitehead faculty in education," said Holt.

"I don't have any broad worries about the [Whitehead] Institute," declared Holt.

Maurice Fox, Professor of Biology, noted that "the Department of Biology has a spectrum of views," on the WI issue, but few professors "are overtly opposed."

Penman, however, said he perceived an "undercurrent of concern" among professors.



Coretta Scott King addressed last Saturday's Solidarity Day Rally in Washington, DC. See additional photos on page 6. (Photo by Jim Vleck)

Unions march on Washington

By Barry S. Surman

WASHINGTON — Over a quarter of a million people — members of labor unions, civil rights groups, political parties, and interested individuals — gathered for a Solidarity Day rally in Washington Saturday to protest the economic policies of Ronald Reagan and the New Right.

Following a march from the Washington Monument along Constitution Avenue toward the Capitol by representatives of about 200 labor organizations, leaders of the labor and civil rights movements spoke to the crowd on the Mall, which was estimated at 260,000 persons by the National Park Service.

Lane Kirkland, President of the American Federation of Labor-Congress of Industrial Organizations (AFL-CIO), which organized the Solidarity Day protest, opened the assault on the economic policies of the Reagan Administration. "Those who have risen to power... have set out to strip our government of any capacity to serve your needs and aspirations. They have set out to cancel and dismantle the safeguards of a humane society and to commit us to the economic jungle. They are sacrificing the homes, health, and hopes of millions on the altar of crank economic abstractions..." he said.

"We have come too far," Kirkland continued, "struggled too long, sacrificed too much, and have too much left to do, to allow all that we have achieved for the

good of all to be swept away without a fight. And we have not forgotten how to fight."

As Kirkland spoke, hundreds of Professional Air Traffic Controllers Organization (PATCO) members made their way along Constitution Avenue, chanting, "What do we want? A contract! When do we want it? Now!" PATCO President Robert Poli expressed his appreciation for the support of onlookers along the parade route and members of the assembled unions.

Coretta Scott King, widow of Martin Luther King, compared Solidarity Day to the civil rights protests of a decade ago. "Solidarity Day is a continuation of the great march on Washington, the latest step in our

(Please turn to page 3)

Sherwood comments on housing statistics

By John J. Ying

"This was the smoothest Residence/Orientation (R/O) week I've overseen, personally. The new dorm filled well, the fraternities had a good rush, and we didn't have any irate parents demanding that their daughters be housed in McCormick," commented Robert A. Sherwood, Associate Dean for Student Affairs.

Due to the numerous openings left in the dormitories, Sherwood

stressed that any MIT student, graduate or undergraduate, who wanted housing would be accommodated. Nine graduate students have already moved into the dormitory system, noted Sherwood. Also due to these openings, the Office for Dean of Student Affairs is "considering very seriously" guaranteeing transfer students housing for all their years at MIT, rather than for only one year. He commented, "I've

always been against treating transfer students as second-class citizens."

Sherwood speculated that the housing projections which led to the fifty dorm openings were inaccurate for three reasons. First, the ratio of freshmen who entered to those who accepted declined by 5 percentage points from last year's ratio, making it the lowest yield since 1976. Second, the number of transfers was overestimated because Electrical Engineering instituted a quota on transfer students to alleviate departmental overcrowding. Finally, the number of readmitted students opting for institute housing was substantially less than projected because the estimate was only a "shot in the dark" since this was the first year of guaranteed housing for them.

Sherwood said he was very pleased with the opening of 500 Memorial Drive. He said that there were 250 openings and that despite many apparent negative factors to the dorm — it was still unfinished, it was located far from campus, it had forced commons, and it charged one of the highest rents — students seemed to be satisfied as 215 freshmen and transfers picked the newly constructed dormitory as their first choice.

All the dormitories except for Random Hall lost people to 500 Memorial Drive since fewer students picked them as their first choice. The largest losers were Baker and MacGregor Houses, who lost 68 and 58 people respectively.

Change in number of first choice residence requests compared with 1980

Dormitory	Female	Male	Total
Baker	-25	-43	-68
Bexley	-1	-15	-16
Burton	+15	-29	-14
East Campus	-4	-43	-47
MacGregor	—	-58	-58
McCormick	-16	—	-16
New House	-1	-3	-4
Random Hall	+3	+15	+18
Senior House	-4	-20	-24

Nine seats open on city council

By Tom Loreda

A November 3 election will be held to fill nine seats on the Cambridge City Council and six seats on the Cambridge School Committee, according to Cambridge resident Clifford A. Truesdall, Assistant Director of UROP. A referendum calling for the halt of US aid to El Salvador will also appear on the ballot.

According to Truesdall, an important issue in the competition for council seats is whether or not Cambridge will maintain a system of rent control. Cambridge has had a rent control system for 11 years.

David Sullivan '74, a councilman running for reelection, explained that the current rent control system performs three functions. First, a Rent Control Board is maintained that sets maximum rent levels a landlord may impose on his tenants. The rent control system also performs the function of eviction control, ensuring that tenants are not evicted without good cause. The system also controls the removal of property from the rental market.

Sullivan noted that the rental control system is "under attack as it never has been before." Sullivan supports the maintenance of the system because he feels it "preserves a certain portion of the housing market for low and middle income people." He feels that

the system is being opposed by newer city residents who dislike the maintenance of housing for the poor and by developers and real estate firms who wish to remove land from the rental market for conversion into condominiums and other projects. No opponent of the policy was available for comment.

Sullivan indicated that the Cambridge tax policy was another divisive issue in the election. He supports tax reform at the local and state levels that would shift the tax burden to those better able to pay it.

Sullivan also supports the regulation of development of residential neighborhoods. For this reason he is in opposition to a recent MIT petition for a zoning permit that would allow commercial development of the Cambridgeport area to the west of the campus. He maintains that such development "is contrary to the best wishes of the neighborhood and to the proper financial growth of the city."

The referendum to be voted on calls on House Speaker Thomas P. O'Neil (D-MA) to oppose sending troops, advisors or military aid to El Salvador. Truesdall felt that the referendum would pass, but he said "it is extremely important that students turn out to vote" so that a significant affirmative vote will ensure O'Neil that the vote represents the community's position.



Nannerl O. Keohane was inaugurated as Wellesley College's eleventh president in a ceremony last Friday. (Photo by Jesse Castillo)

Keohane inaugurated at Wellesley

By Ivan Fong

In her inaugural address before an audience of 3,500, Wellesley College President Nannerl O. Keohane reaffirmed her commitment to the Wellesley-MIT Exchange Program, emphasizing "the importance of educating people in a liberal arts school with some sophistication in technology and science."

A 1961 alumna and now eleventh president of the local college, Keohane observed in a later conversation that she hopes to "expand on it [the exchange program] to make it more available to MIT students — women as well as men." To accomplish this end, Keohane says she "would like to see short-term course planning" between faculty members of the two schools to coordinate course offerings, as well as increased publicity to make more people aware of the program.

"Every seat was filled" at the inaugural ceremonies, as part of a week-long series of festivities with a budgeted outside limit of \$30,000, according to Alla O'Brien of the Wellesley Office of Media Relations. O'Brien indicated that "much of that [budget] was for activities that would have happened anyway," such as the concert and the speakers. "Our aim was not to spend any additional money," noted O'Brien.

Keohane says she decided to

accept the December 2 invitation to become president by the Wellesley College Board of Trustees because she "really cares about Wellesley... [and she is] very excited about preparing a liberal arts program [at Wellesley]."

A scholar, feminist, writer, and political science professor, Keohane emphasized the importance of women's colleges in today's world, saying "Women's colleges are not special shelters... there are many special opportunities" that can be found only in single-sex schools. "Women can

be free to discover opportunities without prejudices... Wellesley's co-ed faculty is, in addition, a great asset," noted Keohane.

Fourteen representatives from MIT attended the inaugural ceremonies, after which an afternoon reception, featuring inaugural punch and Keohane's birthday cake, was held. An Inaugural Gala for the entire Wellesley community was well attended later Friday evening, and was very successful, according to Ann O'Sullivan of Wellesley's Office of Media Relations.

Cancer gene found Weinberg leads research team

By Tom Lored

Genes that transform healthy cells into cancerous cells were recently isolated by three research groups, according to B. D. Colen of *The Boston Globe*. The research was performed independently at MIT, at the Cold Spring Laboratory in Long Island and at the Sidney Farber Cancer Institute in Boston.

The research at MIT was performed under the guidance of Associate Professor of Biology Robert Weinberg '64. Weinberg explained that three years ago it was discovered that the information responsible for the cancerous growth of a cell is carried in the cell's DNA. Weinberg said that this discovery prompted researchers to attempt to isolate the component of DNA that was responsible for the cancerous effect. This component appeared to be a single gene.

One and a half years ago it was discovered that "altered versions of normal cellular genes, and not foreign genes" were responsible for carcinogenesis, according to Weinberg. He noted that the transformation of any given cell into a cancer cell could be accomplished by the alteration of any one of many genes by a carcinogenic substance.

Recently, however, Weinberg's group discovered that all cancerous cells of a specific type always have the same single gene altered, despite the many possibilities for an alteration that could cause cancer. Each cell type in a given animal has its own specific gene which, when altered, causes cancer despite the fact that every cell within a given animal contains the same DNA. Weinberg reached these conclusions by studying sarcoma and neuroblastoma (brain tumor) cells in rats.

According to *The Boston Globe*, the Cold Spring group found the gene responsible for human bladder cancer, the Sidney Farber group found the gene for chicken leukemia, and the MIT group successfully isolated cancer causing genes for human leukemia, bladder, and colon cancer. Weinberg was "reluctant to comment on the isolation of genes in detail" until the results of his research are published. He expects to publish in three to four months.

Weinberg remarked that if the results of the research are confirmed they will have "no impact obviously on cancer cures or prevention of cancer," but they will be "a big leap forward on an insight on how cancer is caused."

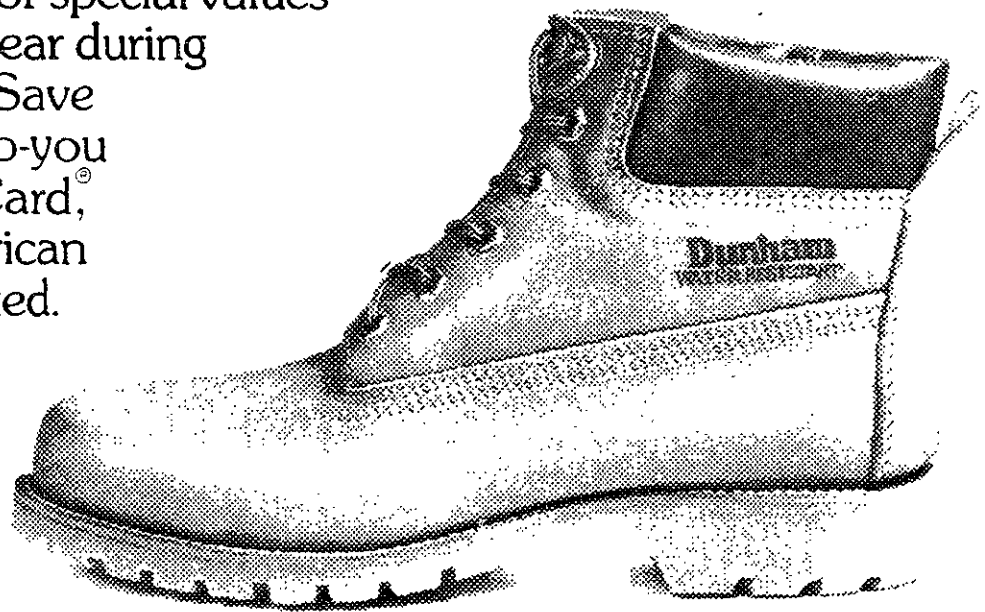
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news roundup

World

Poland to take urgent actions — After its second Cabinet meeting in four days, the Polish government announced Sunday that it was prepared to take drastic measures to improve the worsening political climate there. Although specifics of the actions were not released, there has been speculation that the Polish government may be forced to declare martial law in the country.

US accuses Soviet Union of intervention in Poland — In a statement released by the State Department Friday, the United States charged that a letter sent to Poland by the Soviet Union constituted Soviet interference in Polish internal affairs. The letter, sent by Moscow on Thursday, which called upon Warsaw to crack down on the Solidarity labor movement, prompting Washington to release the sharpest statement against Moscow since the crisis began in Poland.

Belize gains independence — The United Kingdom granted independence to its former colony of British Honduras this morning at 12:01, marking the end of British rule in the Americas. At the request of the government of the Central American country, which will be known as Belize, the British are leaving behind 1600 troops to guard the nation against a threatened invasion from neighboring Guatemala, which claims Belize as part of its territory.

New Beatles song to be released — The London Daily Mirror reported Saturday that a never-released single recorded by the Beatles in the early 1960's will be put on sale sometime next year. The recording, entitled "Please Leave My Kitten Alone," was produced for the album *Please Please Me*, but was not included when the album went on sale. Plans to release the song last year were dropped after the murder of former Beatle John Lennon.

Nation

Reagan defends economic policies — In a speech delivered Friday to the National Federation of Republican Women in Denver, President Reagan defended his economic recovery program in the wake of falling stock market prices. Vowing to "fight to the last blow" for the newest round of spending cuts, Reagan declared not to change his plan to cut governmental spending and Federal taxes.

Stock market takes plunge — The New York Stock Exchange plummeted last week to its lowest levels in 16 months, as measured by the Dow Jones Industrial Average. According to market analysts, the decline in the Dow of 175 points since June 15 is one of the sharpest continued drops in the last 12 years.

Rusting of steam pipes found in 17 reactors — The pipes in the steam generator sections of 17 nuclear reactors have been found to be rusting many years earlier than their projected lifetimes of 40 years. Four plants have already been closed for year-long repairs, while the remaining facilities may be shut down soon. The affected pipes carry hot radioactive water through clean water which is used to run the generators, and the rusting could cause the waters to intermix.

Local

Nuclear waste dumping in Mass. Bay probed — Three Federal agencies will begin an investigation next month into the ecological effects of the nuclear waste that was dumped into Massachusetts Bay after World War II. The study will attempt to determine whether lobsters and bottom feeding fish, which are sold mainly in the Boston area, are being contaminated.

Boston teachers reject strike call — In a vote of 1404 to 836 Sunday night, members of the Boston Teachers Union discarded the union leadership's call for a strike against the Boston public school system. The strike, which would have begun yesterday, was proposed in protest to lay-offs of Boston school teachers.

Sports

Baseball races close as second season winds down — The Detroit Tigers continued to lead the AL East after beating Baltimore last night 5-1. The Boston Red Sox remained ½ game out with a 9-2 win over Milwaukee, the Brewers are 1½ games behind. In the other divisions, Kansas City leads Oakland by 2 games, St. Louis leads Montreal by 2, and Houston is 2½ games ahead of Cincinnati.

No. 1 ranked college football loses for second week in a row — Michigan, last week's Number 1 team, who dropped to 11th after losing to Wisconsin, beat this week's top-ranked team, Notre Dame, 25-7. In other college action, No. 2 USC beat Indiana 21-0, No. 4 Georgia lost 13-3 to Clemson, while No. 6 Texas, No. 7 Pittsburgh, No. 8 Ohio St., No. 9 UCLA, and No. 10 North Carolina all won. No. 3 Oklahoma and No. 5 Penn State did not play.

Robert W. Leishman and Jon D. Morrow

Weather

Mostly cloudy and cool today with easterly winds and occasional periods of light rain. Highs near 61. Continued cloudy tonight with drizzle and lows near 51. Becoming sunny tomorrow and Thursday with highs near 65 and lows in the mid 40's.

James Franklin

Crowd estimated at 260K

(Continued from page 1)

long journey toward fulfilling the American dream of freedom, justice, and equality." She added, "We are black and white. We are Hispanic, Asian, and native American men, women, and children, senior citizens, handicapped, from all religions and social classes. We are people with jobs and people who are jobless, but today we speak with one voice."

Former Vice President Walter F. Mondale, speaking at a Solidarity Day rally in San Francisco, said, "I would remind some of our nation's highest elected officials: You cannot support free unions in Poland, and then work to weaken and cripple free unions here at home." He concluded his speech with a quote from Franklin D. Roosevelt, "Better the occasional fruits of a government that lives in a spirit of charity than the consistent omissions of a government frozen in the ice of its own indifference." It is that icy indifference to human need and justice which we must fight today with all our strength."

United Auto Workers President Douglas A. Fraser spoke at the Washington rally. He declared, "Today, with this great demonstration, the vitality and essential purpose of the American labor movement are reaffirmed."

Sam Church, Jr., President of the United Mine Workers, commented on Reagan's trip to Camp David, "He may be out of town today, but he is going to have to eventually face up to the damage he is doing to the men, women, and children of this country who

will bear the burdens of his economic programs while the rich reap its rewards."

Other Washington speakers included Benjamin Hooks, Executive Director of the National Association for the Advancement of Colored People; Jerry Wurf, President of the American Federation of State, County, and Municipal Employees; Vernon

Jordan, President of the National Urban League; Eleanor Smeal, President of the National Organization for Women, who reaffirmed the bond between the labor movement and the women's movement; and Steve Wallaert, the President of PATCO Local 291 who was jailed in connection with the air traffic controllers' illegal strike.

MIT living groups to hold GA elections

By Robaire Warren

General Assembly (GA) representatives for each of the various living groups should be chosen no later than Monday, October 5, according to officials of the Undergraduate Association.

According to GA Executive Board member Mike Lopez, '83, who is overseeing running the elections, the representatives must be chosen by the specified date because the first GA meeting is scheduled for the following Thursday.

"We're offering living groups the opportunity to have a representative come out and speak about the General Assembly," Lopez said. Lopez added that the living groups had to request such a meeting before it could be arranged.

Although Lopez is in charge of overseeing the elections, each living group may run the elections as it chooses. No date is specified, as

long as the elections are held before the October 5 deadline.

"We're starting a new system this year," Lopez said. "There will be five committees, all concerning school problems."

Lopez explained that the GA has a schedule such that the first meeting, GA representatives will be assigned to the various committees so that they can begin work immediately.

"The rule is that GA representatives are elected for a year," explained Lopez. Each representative represents approximately forty people.

The General Assembly is the legislative branch of the Undergraduate Association and has the power to pass resolutions, enact rules regarding UA organization, approve and disapprove UA Presidential appointments, and allocate the UA Budget with the advice of the Finance Board.

General Assembly meetings are held every two weeks.

On Thursday, September 24, 1981
the Deans of Admission
from four Law schools
(University of Chicago, Cornell,
Harvard, and New York University)
will present a general panel discussion
on the law school admissions process.

Time: 7:30 - 9:00pm

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For further information contact:

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MIT

Editorials

Whitehead: what's in it for undergrads?

While the proposed Whitehead Institute (WI) offers a great opportunity for biological research at MIT and should help to keep the Institute as a whole at the forefront of this field, the benefits for MIT undergraduates are not quite as clear.

If MIT is indeed an undergraduate university, rather than a research institution with undergraduate students, the role of the Whitehead Institute in undergraduate education must be closely examined. The Whitehead faculty will be paid, tenured, and do research at an off-campus institution, although they will share appointments with MIT. What incentive will these professors have to take time from their research and devote it to undergraduates?

David Baltimore, director-designate of the Whitehead Institute and Institute Professor, assured the faculty that WI professors would fit into the spirit of teaching at MIT. The precise role of Whitehead faculty in teaching undergraduate courses and giving UROP opportunities, however, needs to be determined and eventually put in writing. This issue is one of many which must be resolved at the special September 30 faculty meeting if the Corporation is to make its final decision on October 2.

Specific guidelines for the Whitehead Institute have yet to be formulated, and must be developed in consultation with both faculty members and students. The administration should try to solicit student views through a student forum, open letters, or other measures which would permit meaningful student participation before the unofficial deadline of October 2 imposed by the next scheduled meeting of the Corporation.

The Whitehead Institute will benefit greatly from MIT's prestige, name, and atmosphere. In return, WI should contribute to MIT the teaching university, not MIT the research institute.

The right changes at Walker Memorial

MIT has hired yet another set of architects to prepare still another set of plans for renovating Walker Memorial. Even if this expenditure leads to real changes—many previous efforts have not—students living in East Campus and Senior House still have no guarantee that the Institute will live up to the promises made in the Report of the Committee on Campus Dining.

Students in the east campus dormitories are still subject to interim commons requirements, and even if renovations are accepted as a proxy for fulfillment of the Dining Report's promises, a permanent solution may not be available until the fall of 1983. The real problem, however, is that physical changes at Walker Memorial are not enough to fulfill the goals of improved food quality and socialization cited in the Dining Report.

Plans which would divide Walker into two sections would destroy the architectural appeal of the dining hall without appreciably increasing opportunities for socialization. Architectural changes cannot solve the problems with which students are most concerned—poor food quality and long waits in line, especially at lunch. MIT would do better to turn its attention to these matters rather than pour its money into another set of plans for eventual consignment to the Institute archives.

Purchases of new kitchen equipment could make a noticeable contribution to improved food quality. Changes at Walker will not, however, improve opportunities for socialization. Installation of kitchens in the east campus dormitories, on the other hand, would reduce lengthy waits at Walker Memorial and increase socialization within the dormitories.

MIT's goals for mandatory commons have already been spelled out; efforts now must be directed toward finding the means to achieve these goals quickly and in a manner consistent with the needs and desires of the affected students.



→ **feedback**

Commencement now set; help sought on speakers

To the Editor:

Two important questions concerning this year's commencement exercises have recently been answered. They are: when will it be and will there be a speaker. The date, finalized by a faculty vote, will be Tuesday, June 1st. Let me assure you that this date is final, please inform your parents of this change. I urge you to make lodging reservations for your families and friends now rather than waiting until the last minute. By January it will be very difficult to find available rooms due to the high number of graduations occurring in the Boston area that week.

Concerning the speaker question, the Commencement Committee has unanimously agreed that this year's commencement will include a speaker. This issue resolved, there remains only one question: who will speak?

The speaker subcommittee of the Commencement Committee invited recommendations for speakers and/or topic areas from all members of the MIT community. The deadline for nomina-

tions and suggestions is 7 October.

If you have a suggestion, please submit it. October 7 is not too far away. Written nominations and topic areas may be dropped off at the following locations: The Undergraduate Association Office, Room W20-401, The Graduate Student Council Office, Room 50-222, or at the Information Center, Room 7-121. In addition, suggestions may be filed with any member of the speaker subcommittee of the Commencement Committee. They are John G Karsakian, Chairman; Lanley C Keyes, Ex-officio and Chairman of the Commencement Committee; Charles Frankel, Senior Class President; William J Hecht, Executive Vice President of the MIT Alumni Association; Walter L Milne, Assistant to the Chairman of the Corporation and Assistant to the President; Mary L. Molrissey, Director of the Information Center; and Nancy E. Wright, President of the Graduate Student Council.

The Class of 1982 Executive Committee would like to form a group of seniors interested in

helping to solicit suggestions from the community. If you are interested please contact Bob Harris, 661-8387. Let me make it clear that this group would have no part of the decision-making process. Its sole function is to gather names to submit to the speaker subcommittee.

The speaker subcommittee will review all suggestions and make a short list for submission to President Gray. The list will not be made public nor will it be rank ordered. The responsibility and authority for selecting a commencement speaker and issuing an invitation will rest with President Gray.

The Class of 1982 Executive Committee is also interested in forming a Senior Week Planning Committee. This is a committee which, as a member of, you would be part of the planning and decision making. If you are interested, sign up in the UA office, Room W20-401. Let's all work together to make our Senior Week and Commencement a truly memorable experience.

Charlie Frankel '82



...BETTER GET THAT FUNDAMENTALIST CREATION GROUP ON THE PHONE.

The Tech

Brian J. Glass '82 — Chairman
Stephanie L. Pollack '82 — Editor-in-Chief
Jon von Zelowitz '82 — Managing Editor
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PRODUCTION STAFF FOR THIS ISSUE

Night Editor: V. Michael Bove '83. Staff: Ken Snow '82, Robert W. Leishman '83, Bill Spitzak '83, Stu Gitlow '84, Bill Guiffre '84, Mia Paget '84, Barry S. Surman '84, Paula Brown '85, David Krikorian '85.

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Opinion

Column/Joseph Romm

A guide to improved teaching

MIT is one of the world's foremost research institutes. At perhaps no other university does a student have the opportunity to do original work in so many fields, even as a freshman. It is not surprising that in such a university most of the professors are more concerned with doing research and publishing papers and less concerned with teaching.

The successful completion of an experiment or other theoretical venture, followed by the publication of a paper, is important to professors. Publications enable them to get funding for further research, which can increase their income, and bring them prestige and recognition, which gets them invitations to lecture all over the world. In short, it gets them everything they probably became a professor for.

Time spent on teaching, on the other hand, reduces time spent on research. Professors are often forced to teach courses in very basic areas of their research — areas in which they are not really interested. Students should therefore not be surprised to find that most professors — with several notable exceptions — do not spend a lot of time on preparing for their courses.

Professors must work to prepare the coherent and interesting lectures, good demonstrations, challenging and useful problem sets, and adequate tests necessary to create an excellent course. Many professors, however, do not even put in the

time necessary to stop their courses from being dull or confusing. Time spent on research produces many tangible results; time spent on teaching produces results which are much more intangible.

The lack of excellent lecturers at MIT is not surprising, then; it is not even surprising that there are so many mediocre lecturers here. What is surprising is that the students do not make much of an attempt to improve the situation.

The first and most important step in improving teaching quality would be the publication of a complete Course Evaluation Guide every year. This guide would, among other things, identify the poorer lecturers.

The professors who did not realize they were mediocre lecturers might then try to improve.

Those professors who have so little concern for the students that they do not care that they are poor lecturers might be shamed into improving. At the very least, students would be forewarned about bad courses. All teachers would have a good incentive to improve — pride — and the good teachers would get the recognition they deserve.

Without a Course Evaluation Guide, the prospects for a noticeable improvement in lecture quality are negligible. In fact, during the Reagan administration professors may have to spend even more time on research to assure themselves of a significant piece of the shrinking pie of research funding. It is time the students took into their own hands the matter of improving the quality of education here.

feedback

Hacking without offending people

To the Editor:

MIT has traditionally been a hack haven. I take great pride in recounting the famous barbershop pole hack and the Harvard-Yale football game hack (planting small explosives in the football field that could spell out "MIT" at half-time). I know that the Harvard Bridge is 364 Smoots long. I am proud to say that I was present when Charlie Bruno pushed a piano off Baker House. I enjoy recalling the cow that appeared one day on top of one of MIT's domes. I am embarrassed, however, at the quality of the recent hack to the Don't Walk sign at 77 Mass Ave.

I enjoy good hacks. However,

the good hacks have an important quality in common: they are not offensive. Defacing property in a commonly used public area in an obscene manner is on a level with last year's fraternity incident offensive to some of the gay community. Each was intended to be humorous, but each was insensitive to the rights and integrity of groups of people. I say that the only obscenities which we should be required to face are divs, grads, and curls; more than that is too much.

Now that we've all chuckled at the new Walk/Don't Walk signs, let's clean up our act and make our next hacks ones which we can relate with pride.

Richard L. Jamison, G

feedback

Antics at East Campus explained

To the Editor:

I feel compelled to complain about the antics of East Campus last Sunday morning. All residents of our hallway are well-mannered, law-abiding, and nerdy. Clearly, we are neither capable of nor condone such behavior.

At 2am, we were immersed in our traditional Saturday night study session. Our intellectual bliss was shattered by a deafening chorus of an obscure work. Jack

Florey described it best: "It was like something from a bad movie. All I wanted was for it to stop." It was not until twenty minutes later, however, that we were able to return to productive pursuits. When local noise abatement officers arrived on the scene, they conducted a misdirected witch hunt on our hallway which claimed one victim, Jack Florey.

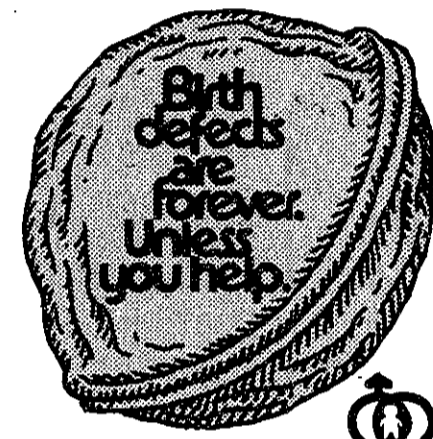
This incident indicates a resurgence of those same primal

elements which were displayed in the LSC showing of *Ordinary People*, which was described in a recent letter to the editor appearing in *The Tech*. We heartily concur with the author's opinions. Such behavior must cease. It is inconsiderate and out of place in an institute which claims as its goal the advancement of modern society.

Jack Florey

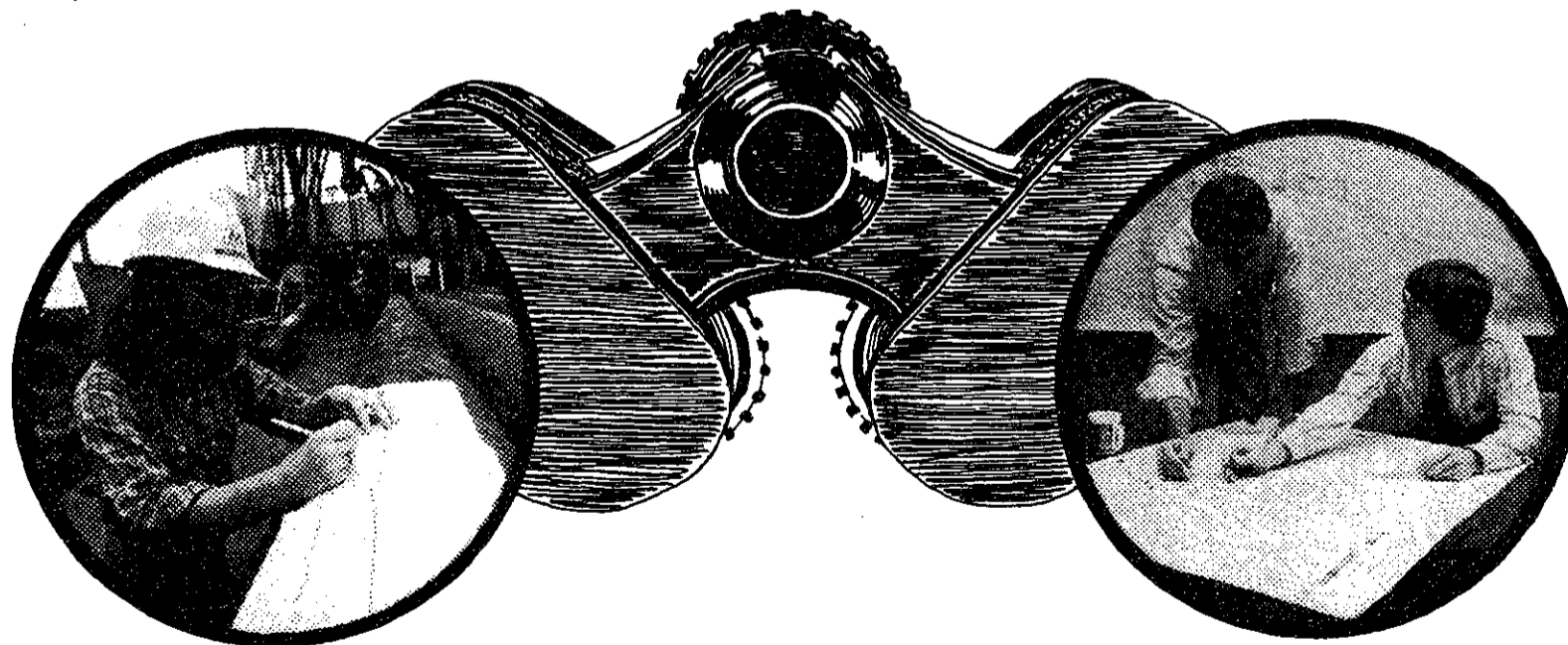
Fifth East, East Campus

In a nutshell!



March of Dimes
This space donated by The Tech.

Set Your Sights On High Career Visibility



If you're searching for high career visibility and have ambitious career goals in the fields of Exploration and Development, focus in on Marathon Oil Company. Marathon offers Geologists, Geophysicists, and Landmen opportunities for professional growth, recognition, and responsibility in an informal, yet highly professional environment. Office locations include: Anchorage,

Alaska; Houston and Midland, Texas; Bridgeport, Illinois; Shreveport and Lafayette, Louisiana; and Casper and Cody, Wyoming.

If you will be completing a BS or MS in Geophysics during this academic year, our recruiters would like to talk with you on October 1st or 2nd about the highly visible careers at Marathon. U.S. citizenship or permanent resident status is required.



**Marathon
Oil Company**

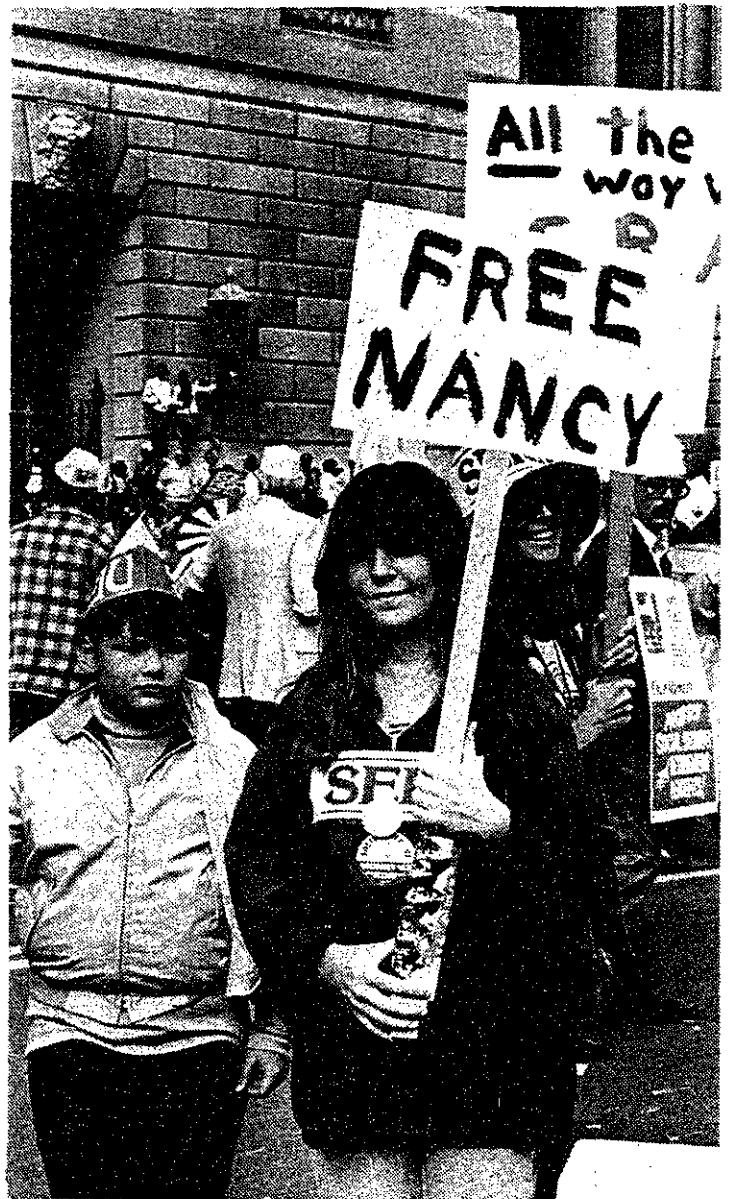
An Equal Opportunity Employer



Over 260,000 people gathered on the Mall between the Washington Monument and the Capitol to hear Solidarity Day speakers Saturday.

Solidarity Day

Photos by
Jim Vleck



Members of the Service Employees International Union demonstrate their support for the Equal Rights Amendment



Women's rights leader Gloria Steinem (foreground) and ex-Congresswoman Bella Abzug (D-New York) were among the guests at Solidarity Day activities in Washington.



Professional Air Traffic Controllers Organization President Robert Poli (right) praises Steven Wallaert, President of PATCO Local 291, who was arrested and jailed for his illegal strike activity.



New York PATCO Local 201 leads marching air traffic controllers and their families down Constitution Avenue



A Washington native shows his support for equal rights and equal access to health care

Committees with Undergraduate Support Fall 1981

This supplement contains descriptions of the Institute committees that need undergraduate members this fall. Please note that there are many additional committees (all the Institute Committees have short descriptions published yearly in *Tech Talk*), most of which also have undergraduate members. The student members are either specifically required in the *Rules and Regulations of the Faculty* or are requested by the committee chairman or person to whom the committee reports.

This insert is intended to make available to interested students a short description of all committees requesting undergraduate support. Included is the name of the committee chairman or contact person. Should more information be desired than is given below, these people should be able to answer any questions. In addition, all students serving on these committees have been requested to file report forms to the Nominations Committee. Copies of these are kept on file in the UA Office and should soon appear in the Student Center Library. These reports contain useful information on what the various committees have done in the past and what their current concerns are.

The majority of these committees receive their undergraduate members through the Nominations Committee of the

Undergraduate Association. However, some of the committees select their own members.

All undergraduates are eligible to hold seats on these committees: there is usually no prerequisite to serving on a committee. In most cases the students play an integral part in the committee and have full voting rights.

Faculty Committees are created by majority vote of the faculty. These committees deal with policy issues that affect every undergraduate student. These committees hold regular meetings, usually one a week. Many also divide into subcommittees when several issues are being considered.

Presidential Committees deal with the operations and activities of the Institute. They sometimes involve not only faculty, students, and administrators, but also other employees and the surrounding community. Students serving on these committees are almost always full voting members. Most committees meet weekly, but some meet only once each term.

In addition to those listed below, there are several committees of the Undergraduate Association. Membership is either open or by committee hearing. Each committee holds several meetings during the term which may involve up to several hours each week. Contact the UA Office for more information on any of these committees.

Presidential Committees

Ad-Hoc Committee on International Institutional Commitments

This Committee reviews the scale and nature of MIT's international contractual commitments for education and/or research or service (whether at MIT or abroad) and report to the faculty. The Committee also stands ready on request to consult with the administration or faculty initiators of projects that involve such international institutional commitments. The Committee shall make a final report at the end of its term. This report shall include a recommendation as to the Committee's continuation on a permanent basis.

Chairman:
Walter Rosenblith
4-256
x3-1990

**Undergraduate
Members: 1**

Advisory Committee on Shareholder Responsibility

This Committee reviews shareholder proposals under consideration by corporations in which MIT holds shares of stock, and makes such recommendations to the Corporation as it should cast its proxy.

Chairman:
D. Reid Weedon
3-221

**Undergraduate
Members: 1**

Committee on Commencement

This Committee, composed of members of the faculty, administration, and student body, has charge of the arrangement and conduct of commencement exercises.

Chairman:
Langley Keyes
7-338
x3-1540

**Undergraduate
Members: 2 (Junior preferred)**

Prelaw Advisory Council

The Council serves as a subcommittee of the Committee on Preprofessional Advising and Education. It is composed of a group of advisors specially selected on the basis of professional background and interest in legal education, and concerns itself primarily with the approach to involvement in legal education of MIT students.

Chairman:

Jeffery Meldman
E53-323
x3-4932

**Undergraduate
Members: 3**

Advisory Committee for Women Students Interests

This Committee advises the Coordinator for Women Student's Interests in her role as a special resource for graduate and undergraduate women on campus. The Coordinator plans programs, organizes women's groups, and provides support to existing women's organizations. The Committee is composed of graduate and undergraduate students, faculty, and staff.

Chairman:

Mildred Dresselhaus
13-2090
x3-6864

**Undergraduate
Members: 3**

Community Service Fund Board

The Community Service Fund provides financial assistance to MIT people who are engaged in volunteer community service and action projects. The Fund is managed by a Board of Trustees representing faculty, administration, students, Technology Matrons, Technology Wives, Lincoln Laboratory employees, trustees, and Institute alumni. The Board performs two key functions:

- Solicits contributions from all members of the Institute Community, and additional donations and grants from outside sources, and
- Reviews proposals by Institute groups for the use of funds on MIT-related community service projects.

Contact:

Carmen N. Besterman
5-208
x3-1988

Undergraduate

Members: 1 from TCA;
1 from APO;
1 from IFC;
1 nominated by NomComm

Dining Advisory Board

The charge to this Committee is to provide a forum for addressing dining related issues and to facilitate a greater degree of dialogue and mutual support between those who provide food services and those who use them. It will allow for the MIT community to play a more significant role in the development and evaluation of campus-wide dining programs and services for the residential students and the community at large, including implementation of the recommendations from the dining review. The Board will serve in an advisory capacity on operational and program decisions made by Housing and Food Service and the Office of the Dean for Student Affairs. The Board will also coordinate efforts to receive community feedback on menus, dining services, and facilities. The Board will report jointly to the Dean for Student Affairs and the Vice President for Operations.

Chairman:

Robert A. Sherwood
7-133
x3-4051

Undergraduate

Members: 1 from each dormitory;
2 nominated by NomComm

IAP Policy Committee

This Committee was established to deal with policy matters and the continued evaluations of the Independent Activities Period, and work closely with the Committee on Educational Policy in reviewing IAP within the context of the total academic environment. It reports fully to the faculty at intervals of not more than four years.

Chairman:

Daniel S. Kemp
18-027
x3-1819

Contact:

Mary Enterline
7-108
x3-1668

**Undergraduate
Members: 3**

Wellesley-MIT Joint Committee

This Committee monitors and coordinates the Wellesley-MIT Exchange Program to insure that it constitutes a meaningful diversification in the learning experiences of the undergraduates of both schools.

Contact:

Mary Enterline
7-108
x3-1668

**Undergraduate
Members: 3**

Equal Opportunity Committee

This Committee was established to give support, coordination, and direction to the Institute's programs for equal employment and educational opportunity. The Committee advises the President and senior academic and administrative officers on matters pertaining to equal opportunity, reviews existing programs, and recommends new ones

Chairman:

Michael Feld
6-014
x3-7700

**Undergraduate
Members: 2**

Advisory Committee to Educational Video Resources

This Committee advises the Provost and the Director of Educational Video Resources on policy matters concerning the use of television in educational programs and in other activities on campus.

Contact:

Gerry Fitzgerald
w20-401
x3-2696

**Undergraduate
Members: 1**

Faculty Committees

Committee on the Library System

This Committee formulates policies for the administration of the Library System consistent with the objectives of the Institute. It reviews budget allocations prepared by the Director of Libraries. It fosters the effective operation of the Library Advisory Committees, which shall be appointed for each of the libraries and reading rooms, and seeks the advice of the advisory committees on matters of policy where appropriate.

Chairman:

William Siebert
36-825
x3-3716

**Undergraduate
Members: 1**

Committee on Student Affairs

This Committee is concerned with student life and the quality of the learning and learning environment at MIT. The Committee is concerned with the range, availability, and effectiveness of Institute-wide support services to students and with the formal and informal relationship between the Institute and the student. The Committee serves as the standing faculty advisory board to the Office of the Dean for Student Affairs.

Chairman:

M. Nafi Toksoz
54-518

Undergraduate

Members: 4 (normally including at least one Sophomore, one Junior, and one Senior.)

Committee on Undergraduate Admissions and Financial Aid

This Committee is responsible for formulating and reviewing policies on admission of all undergraduate students (including college transfers but not students applying for readmission) and on financial aid to students, including undergraduate scholarships, loans, and student employment. The Committee also exercises prior review of MIT publications and formal releases directed toward the prospective undergraduate student.

Chairman:

Frederick McGarty
8-209
x3-7172

**Undergraduate
Members: 2**

How to Obtain a seat on a Committee

This fall the Nominations Committee will be asking all students interested in the committees below to attend the hearings as scheduled. Any interested undergraduate is eligible to fill a seat on one or more of these committees. In the past, there have been from no interested students per seat to as many as five or more. A few committees have had vacant seats for almost a year.

If interested in one of these committees, please visit the UA Office (W20-401) reserve time for an interview. There are also short information forms requested by NomComm that must be filled in

and returned to the UA Office no later than 4pm on September 25. The forms provide preliminary information on which the interviews will be based.

At the hearings, the Nominations Committee will first review the scheduled committee. Time commitments and length of the student term will be among the items discussed. After this, the NomComm will interview all interested students at the hearing. Once the students have been placed in preferential order, the person in charge of the committee will be notified to contact the student when his term begins.

Fall 1981 Hearing Schedule

All hearings are in Room 400 of the Student Center

Saturday,

September 26, 1981

10am	Committee on Student Affairs
11:30am	Committee on the Library System
12noon	Committee on Commencement
1:30pm	Wellesley-MIT Joint Committee
2:30pm	Equal Opportunity Committee
3:30pm	Community Service Fund Board
4:30pm	Advisory Committee on Shareholder Responsibility

Sunday,

September 27, 1981

10am	Committee on Undergraduate Admissions and Financial Aid
11:30am	Dining Advisory Board
1:30pm	Prelaw Advisory Board
2:30pm	Advisory Committee for Women Students Interests
3:30pm	IAP Policy Committee
4:00pm	Advisory Committee to Educational Video Resources
4:30pm	Committee on International Institutional Commitments

ARTS

5¢ THEATRE 5¢



5¢ FOR LADIES & CHILDREN CONTINUOUS PERFORMANCE 5¢

5¢ A REFINED ENTERTAINMENT FOR LADIES & CHILDREN 5¢

Boston's Recycled Cinema Circuit

In the first part of this series, I looked at the various first-run theatre chains in and around Boston. This installment focuses on what happens to a handful of the hundreds of prints already circulated through the Sacks and suburbans. Many films still have strong market appeal even after their initial distributions and crop up in various second-run or "revival" houses. The revival title, however, refers more to a program spiced with timeless cinema classics normally cut up and compressed on television's small screen and exotic rare treats seldom mentioned beyond the pages of the newspaper ads. Stop here, but if you're like me, and find viewing a familiar film like meeting an old friend for the first time, read on and find out where they've been all your life.

feature with four to six continuous showings daily. The pairing pull primarily from the best pictures of the past five years with a generous sampling of confirmed "classics." A typical billing might have *Cousin, Cousine & Bread & Chocolate*, *Blues Brothers & Animal House*, or *Casablanca & The Maltese Falcon*. The several odd starting times make fitting these flicks into a busy day a snap but they also make owning a schedule a necessity. These are conveniently distributed every two months at the Coop and other locales. Prices range from \$1.50 to \$3 depending on day, time, and age with a discount ticket book available also. Extra late night shows of popular cult films are added on weekends and even though these midnight movies have yet to include *The Rocky Horror Picture Show*, the Harvard Square Theatre was the proud host of the original London stage version on its first North American Tour this past October.

* * * *

The Brattle Theatre (876-4226) on 40 Brattle Street in Cambridge is the best example around the Boston area of the true "revival" house. A quick glance at their irregularly spaced repertory reveals subheadings like "Two Alfred Hitchcock Classics," "Two Alec Guinness Comedies," and "Ronald Reagan Festival." Occasionally Brattle will host an area premiere of a non-commercial feature or run an obscure foreign film fest. Be warned, however, as their calendar also reads "All features and times subject to change without notice" so call ahead to avoid surprises. The theatre itself leaves much to be desired in patron comfort or sophisticated projection, but the fact that someone would go out of their way to show these flicks makes a trip to the Brattle worth the \$3.50 admission (\$2.50 Wednesdays and before 6:00) or for the true revivalist, they offer a discount book with six admissions for \$14. For a real taste of the "silver screen" a visit to the Brattle is a must.

(Please turn to page 8)

* * * *

Harvard Square Theatre (864-4580) If you can ignore decor that looks like it's been through a thousand kidee matinees, you can almost certainly have an enjoyable afternoon or evening of film at Harvard Square. They program a different double

Bring Back the 60's, man

The Place: The Great Lawn of New York City's Central Park

The Time: Dusk

The Cast: Half a million people and Paul Simon and Art Garfunkel

The Beatles, The Mamas and the Papas, The Association, The Box Tops, The Lovin' Spoonful: groups of the sixties, an era which passed many of us by before we were old enough to realize it. Three days ago as I entered The Great Lawn, a voice gently commanded 500,000 people to be kind to their brothers and sisters and not crush them against the stage. Central Park suddenly had become the second largest city in New York in terms of population. For two days, people had been camping out on the grass, awaiting a revival of times past — the reunion of Simon and Garfunkel, one of the most popular and most famous folk rock groups of the sixties. And what a reunion it was! After eleven years, two men sang "Mrs. Robinson" and silenced a half a million voices. It was a different "Mrs. Robinson" then the one we know from "The Graduate," it made use of different instruments, it had a slightly different rhythm, but it was "Mrs. Robin-

son," and it was sung by Simon and Garfunkel. "Homeward Bound," "Bridge over Troubled Water," "Scarborough Fair," "April Come She Will," "The Sounds of Silence," and "Old Friends" filled the park and surrounding city from 6:30 until 8:30.

Most of the songs were sung true to the original version; a few were spiced up, most notably Paul Simon's hit of 1980, "Late in the Evening," as Art Garfunkel joined him in the show's final song. The two also sang "Fifty Ways," which was originally sung solely by Paul Simon a few years ago.

After an hour, I left the park to go 400 feet up to the roof of a building four blocks from the concert. As I walked out the rooftop door, I noticed the perfect clarity of the evening. I looked about to see Yankee Stadium in the North, La Guardia to the East, the skyscrapers to the South, and in front of me, people, a tremendous mass of people. Suddenly, an unbelievable roar rose up through the chilly night air; as it died down, I heard, "Slow down, you move too fast; you got to make the morning last; just kickin' down the cobblestones; lookin' for fun and feelin' groovy."

Stuart Gitlow



Revelers saw this happy face at the face-painting booth at this year's Charles Street Fair. The Fair, held annually as a benefit for the Beacon Hill Civic Association, featured local arts and crafts, lots of food and entertainment for kids of all ages. Attendance was estimated at between 30 and 35 thousand people. (Photo by Eric A. Sohn)

ARTS A Question of Temperature

Body Heat, written and directed by Lawrence Kasdan, starring William Hurt and Kathleen Turner, now showing at the Sack Cheri.

Will filmmakers never tire of the old romantic triangle involving a man, a woman and her husband's insurance policy? The story of illicit lovers turning to murder for profit has been told and retold through four versions of *The Postman Always Rings Twice* and of course the classic *Double Indemnity* which featured Fred MacMurray succumbing to the dark side of the Force.

This time the story is set in a Florida heat wave. As the title suggests there is a lot of thermal imagery so let's get on with it. William Hurt is a hot-shot attorney who sweats profusely and smokes while jogging. He melts in the hands of sultry temptress Kathleen Turner in a simmering boy-meets-girl sequence which culminates in a fusion of sorts. This spontaneous heat transfer consumes them both and her husband eventually gets burnt up. We have ignition!

Lawrence Kasdan wrote and directed this potboiler which has its roots in the moody *film noire* style of the Forties. Kasdan is one of the "Whiz kids who saved Hollywood" breed who are taking corny genres from the past and improving them with solid, current scripts and some tongue-in-cheek adherence to the old styles. The plot contains all of the expected pessimisms about humanity spiced with some juxtaposition of right and wrong and whatever is in between. The ending however is far different from what Forties morality would have allowed. (Somebody gets away with it.)

Actor William Hurt can do no wrong. In his third release in less than twelve months he continues to dominate the screen with the same bemused appearance that won him acclaim in *Altered States*. His facial nuances are louder than his mumbled lines and his body language has an accent that directors are still trying to decipher.

Kathleen Turner however is not so expressive. The former star of *The Doctors* proves that you can give a sterile performance on TV and still sell soap but on the big screen it just doesn't wash. Given the type of meaty role that actresses crave, she goes wooden and relies on her Deborah Harry I'm-so-beautiful-it-hurts imitation.

The husband is played by solid veteran Richard Crenna while a few eccentric minor characters round out the cast. These include a dancing DA, a dogged detective and of course a pyromaniac. There are no firemen.

Overall this film exudes a certain mediocrity but it is worthwhile in terms of the updated genre and the return to simplistic theme imagery.

Peter Thompson

Classics and Cliches

(Continued from page 7)

Coolidge Corner (734-2500) located on Harvard and Beacon Streets in Brookline is a double theatre with a program somewhere between both Harvard Square and Brattle. Classic double features of Hitchcock thrillers, Astaire & Rogers musicals, and Brando and Dean dramas make up a good part of the schedule with more recent second-runs and obscure Japanese Samurai filling the bill. Among the second-runs are such cult classic pairs at *Dr. Strangelove* and *A Clockwork Orange* and *Jimi Hendrix* and *The Harder They Come*. Coolidge Corner is best known for its outstanding speciality series (Film Noir, Boston Independents, and New Brazilian Cinema to name a few) and speciality revivals such as *Dial M for Murder* in its original 3-D format. Viewing is comfortable though an adult ticket is \$3.75. However, the price goes down as the number of tickets purchased goes up. Keep an eye on Coolidge Corner as they are by no means predictable in their programming and it would be a shame to let another 3-D *Dial M* slip by.

* * * *

Now that you know where to see the films you thought were no longer playing, my next installment will point you to films you never knew existed. In Part III: Off Beat, Animation, and Art.

Erratum: Resident Theatre expert Nick Nussbaum has informed me that the Exeter Theatre is *not* a vaudeville stage but in fact a reconstituted tabernacle. Oh, well ...

Mark DeCew

Join The Tech Arts Staff!
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UA News

HELLO!!

The UA News appears regularly in the campus media. The Undergraduate Association uses it as a way of communicating important issues to the student body. Many opportunities for involvement and formal meeting notices will be posted in the UA News. Deliver all items to the UA Office, Room 401 of the Student Center.

Space is available to campus organizations for announcements. All submissions should be sent to the UA News Editor on the Friday prior to the issue in which the announcement is to appear. Deliver all items to the UA Office, Room 401 of the Student Center.

Homecoming Date Changed

After much discussion at the first full Social Council meeting, homecoming was changed to October 23. Workers are needed in all areas of planning, so voice your ideas for homecoming by coming to the fall Social Council meeting every Monday at 7pm in Room 4-270. Executive Board meetings are also open to all students; they are held on Tuesdays at 7pm in the UA office (W20-401). For information, contact either Skip Butler, 267-6091, or Angie Liao, x5-8381.

Get Involved

During September, we are involved in organizing and planning for the coming year. We have lots of projects available. Now is the time for elections and committee appointments. We

need qualified volunteers to help. You'll find it easy to get involved, and you'll make new friends and develop valuable managerial skills and talents. It's rewarding to make a difference at MIT.

Nominations Committee Hearings

The UA Nominations Committee will be holding hearings for undergraduate seats on Faculty and Institute committees on September 26-27. Some of these committees include:

- Committee on Student Affairs
- Committee on Library System
- Commencement Committee
- Community Service
- Fund Board
- Equal Opportunity Committee
- Committee on Admissions and Financial Aid

For more information and to Register for an interview, please fill out a form at the UA Office, W20-401.

Student Committee On Educational Policy

The first meeting of the Student Committee on Educational Policy (SCEP) for this academic year will be held from 7:00pm - 9:00pm on Thursday, September 24 in Room 400 of the Student Center. One executive committee position together with many project head positions are available. Everyone interested is encouraged to attend.

GA Reps to FinBoard

The General Assembly of the Undergraduate Association will be electing representatives to the Finance Board. Any representatives interested in this challenging position are encouraged to contact Dave Peereboom or Jason Weller in W20-405 (x3-3680). The election will be held at the October 8 GA meeting.

'84 Council Petitions

Petitions for the Class of 1984 Council are now available in the UA Office. Forty signatures are necessary, and everyone but elected officers must file a new petition to remain a member after the petition deadline, Friday, October 2.

New Members are encouraged to help with class t-shirts, the class ring, newsletter and class social events. Bring your petitions and fresh ideas to the UA Office, W20-401. Still not sure you want to join? Come by one of our meetings; the meetings are open and posted on the UA Bulletin Board in Lobby 7. Anyone can attend — hope to see you soon.

General Assembly

General Assembly elections will be held in living groups throughout September. Each independent living group has one representative, and each representative has approximately one dormitory for every forty residents. Off-campus reps are elected by getting a petition-form signed by forty other off-campus residents. Talk to your house president for details. The GA will have its first regular

meeting on October 8. Meetings are every two weeks on Thursday evenings. There are five regular meetings and one Saturday symposium at Endicott House scheduled for the fall term. Each meeting will feature a particular person or group and discuss issues of importance to undergraduates at MIT.

This year should be progressive and exciting — join the GA!

Attention Class of 1985

Petitions are now available for membership on this year's Freshman Council. All you need do is get 40 signatures and you're on! The Council will do whatever the members want it to do. Pick up petitions in the UA Office and start the Class of '85 off right!

UROP Office Opening

Office help is needed starting September 28 in the Undergraduate Research Opportunities Program (UROP) Office. The pay is \$4.40/hour for about ten hours per week. Duties include typing, filing, xeroxing, etc. Contact Susan Mitchell-Hardt, 20B-141, x3-5049; MIT students only.

STOP BY

The UA has many projects in the works. Please call or stop by if you have any ideas or would like to help. If you have any comments or suggestions, please contact John DeRubuis (UAP), Ken Dumas (UAVP), Joyce Pollock (Secretary General) or Bob Wallace (Special Projects Director). The UA office is located on the 4th floor of the Student Center, Room W20-401. Telephone x3-2696.

notes

Announcements

All changes in addresses and telephone numbers must be turned into the Registrar's Office, E19-335, by September 22, 1981, for inclusion in the student directory.

* * * *

Students who have been awarded a National Direct Student Loan are urged to go to the Bursar's Office-Student Loans, E19-225, to sign their loan notes before October 1, 1981 or face an interest rate increase from four percent to five percent. All loan notes signed by September 30, 1981 will have a four percent interest rate.

* * * *

Copies of the 1981 edition of the brochure "Environmental Studies at MIT" are available in the Office of the Special Assistant to the Provost, Louis Menand III, Room 3-234, x3-7753, and also in the Information Office, Room 7-111.

* * * *

The Youthgrants Program of the National Endowment for the Humanities will offer a limited number of awards to young people in their teens and twenties to pursue non-credit, out-of-the-classroom research projects in the humanities. The deadline for receipt of completed application forms is November 16, and funded projects begin the following May. Up to 75 grants will be awarded, offering as much as

\$2,500 for individuals, and a few group grants up to \$10,000 (\$15,000 for exceptional media projects). Youthgrants are intended primarily for those between 18 and 25 who have not yet completed academic or professional training but can demonstrate the ability to design and perform outstanding humanities research and translate that into an end product to share with others. A copy of the guidelines is available for review at the Placement Office.

Lectures

The MIT Socialist Group will hold a discussion on "The Politics of Health Care: Will there be Health under Reagan?" with Dr. Wayne Lencer on Wednesday, Sept. 23, at 7:30pm in Room 4-159.

Activities

The MIT Women's League is having their annual plant sale on Thursday, October 1 at 9am on the steps of the Student Center.

Off Campus

The current threats to America's rich heritage of public lands and resources will be the topic of a meeting sponsored by the Sierra Club on Sunday, Sept. 27 at 4pm at Faneuil Hall in Boston. Titled, "Washington Takes a New Look at Public Lands," the meeting will

feature Senator Edward M. Kennedy as keynote speaker. The public is invited and there is no charge for admission.

* * * *

Harvard Professor Stephen Gould will discuss "Creationism vs. Evolution" at the Cambridge Forum, 3 Church Street, Harvard Square, Wednesday, Sept. 23, at 8pm. Free and open to the public.

* * * *

Are you informed about sickle cell anemia? September is National Sickle Cell Anemia Month. During this month community activities designed to educate the general public are planned throughout the city. Sickle cell counselors and testing groups will intensify their efforts this month to test populations "at risk" (those of Mediterranean, Middle Eastern and African descent), at various locations. Call the Boston Sickle Cell Center for more information at 424-5727.

* * * *

The Massachusetts Public Health Association is sponsoring a conference, "Genetic Engineering and Public Health" on Friday, September 25, 8:15am - 4:30pm at the Department of Transportation Building in Kendall Square, Cambridge. The purpose of the conference is to raise important public health issues that communities in Massachusetts might face as genetic engineering becomes a larger industry. A draft of a model ordinance for adoption by local cities and towns will be circulated and discussed.

* * * *

On Saturday, September 26 there will be a Rummage Sale to benefit the Mobilization for Survival. The rummage sale will run from 10am to 4pm in the parking lot of the Old Cambridge Baptist Church - 1151 Massachusetts Avenue, Cambridge. For more information call 354-0008.

ELIAS HAIR CARE

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319 Mass. Ave.

2 blocks from MIT

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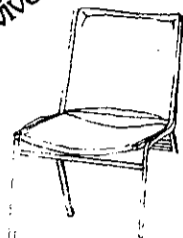
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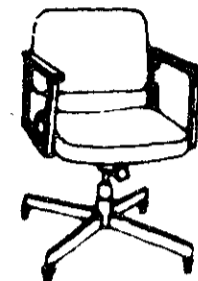
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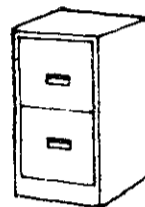
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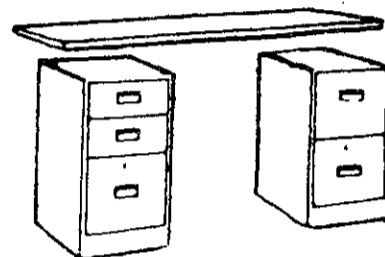
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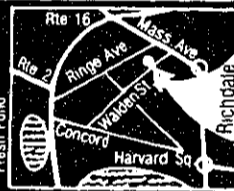


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Analysis

NSF plan will cut red tape at MIT

By Charles Theuer

Cutting red tape is an infrequent and difficult task in modern society. The National Science Foundation (NSF) has initiated a program intended to perform just this task. The program, jointly sponsored by the NSF and the Association of American Universities, allows various administrators, within specific departments, to set budgets for specific projects without submitting the many forms required previously to gain government approval.

Originally, the scope of grants that were affected by this new policy was limited to those associated with the chemistry departments of nine universities, including MIT. Recently, phase two of the project was initiated and prescribed that each specific department could make budget decisions. In addition, the number of participating universities has risen to twelve.

According to sources within MIT, the project has been a tremendous success. Professor J. L. Kinsey commented that this new system has "cut non-productive red tape." Because projects can be approved in one day by department heads, much of the paperwork previously associated with NSF grants is

avoided. Researchers are now able to place orders for equipment in advance and thereby save time and money. Inflationary problems are now avoided because expensive apparatus can now be bought at the time of the research proposal. Thomas Duff, who is in charge of Program Administration within the Office of Sponsored Programs, emphasized many of the positive effects of the program, saying that both the government and the university were saving time and effort.

The government mainly benefits from the program because less paperwork means saving of money. The federal program directors are better able to track research projects because of the simplifications presented by fewer forms.

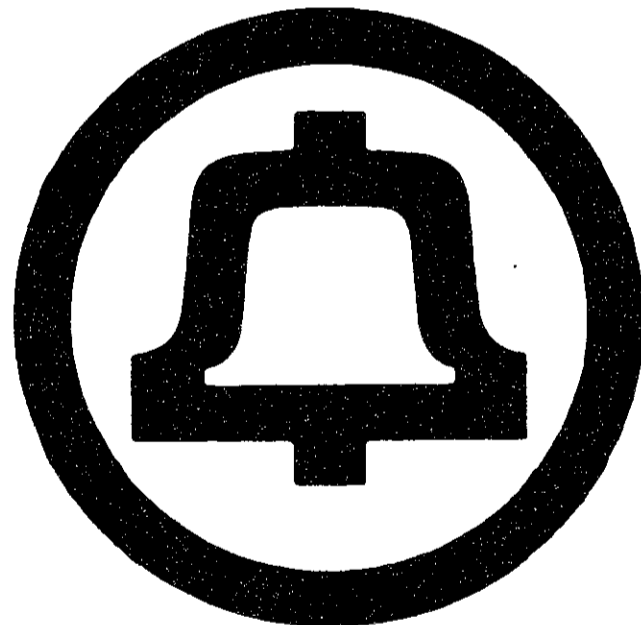
Both Duff and Kinsey noted that the program should grow. Duff envisions a larger number of participating universities in the future and Kinsey hoped, that other federal agencies, such as the Defense Department, would adopt a similar program. Presently, those university disciplines which obtain the most NSF grants and therefore benefit most from the program, are in earth and planetary sciences, chemistry, and mathematics.

Annual election of Representatives to the General Assembly of the Undergraduate Association are taking place throughout the month of September.

Election Notice

All undergraduates are eligible to run. For more information, contact the president of your living group or the UA office.

VOTE!



The Engineering and Research Development Companies of the Bell System invite Bachelor's, Masters and PhD candidates to an informal reception on September 28, 1981 from 4-6 in the Penthouse of the MIT Faculty Club. Join representatives from the Bell Laboratories, Sandia National Laboratories and Western Electric for an informal discussion of career opportunities with the Bell System. Refreshments will be served.

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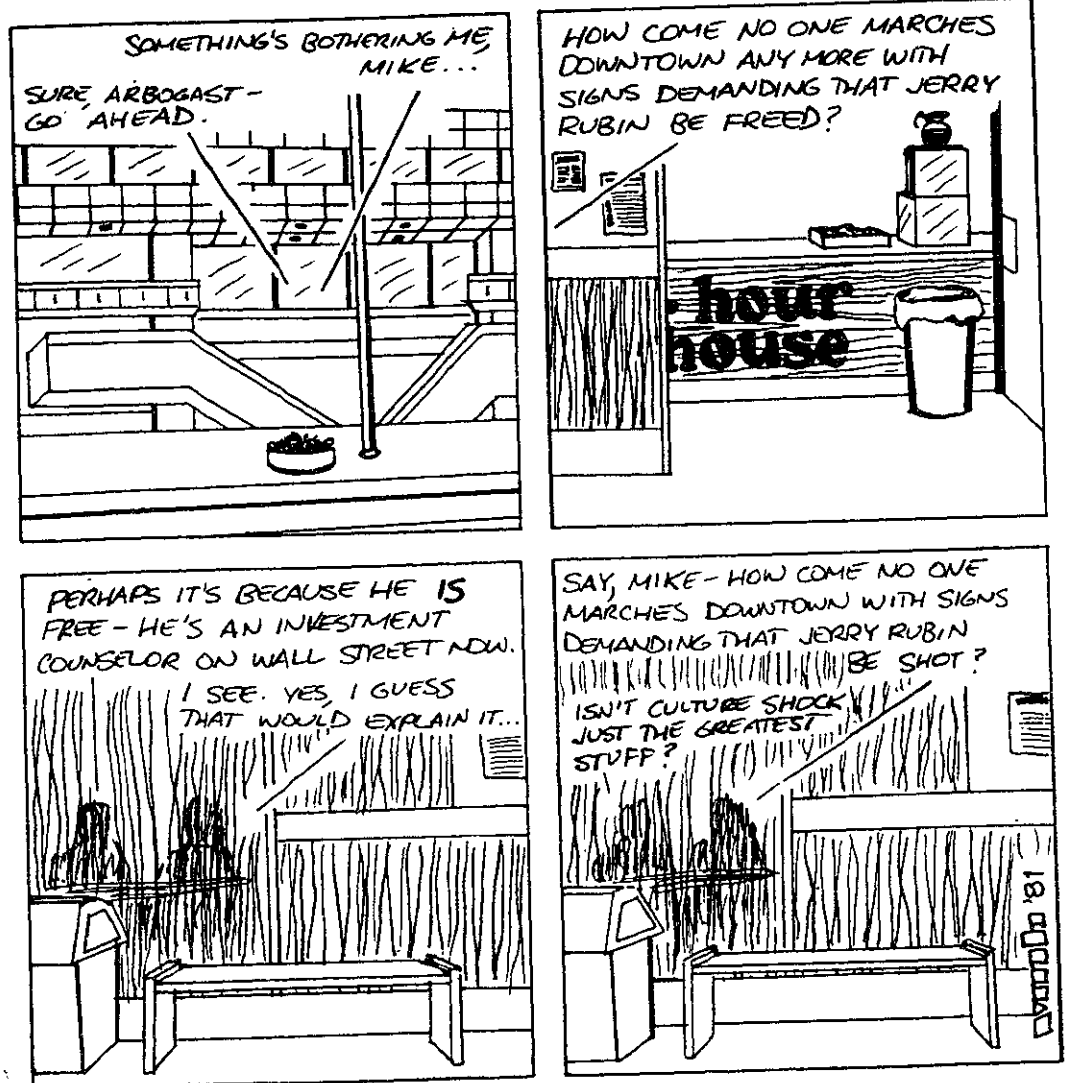
Information for Summer Employment Opportunities will not be available at this meeting.

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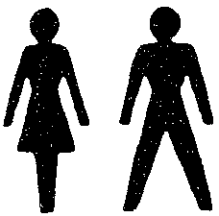
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sports

Cross country opens season Men recapture Engineer's Cup

By Rich Auchus

In their first race of the season, the MIT men's cross country team recaptured the Engineer's Cup from Rensselaer Polytechnic Institute in a tri-meet with RPI and Worcester Polytechnic Institute in Worcester. Tech downed RPI, 26-34 and topped WPI, 26-73. This marks the third time in the past four years that MIT has won this annual competition between the three

engineering schools.

Colin Kerwin '82 and Paul Neves '83 were the first two runners to cross the finish line, posting times of 25:35 and 25:37, respectively. Co-captains Jeff Lukas '82 and Bob Collins '82 traversed the five mile route in 26:21 and 26:25, respectively, earning fifth and sixth place finishes. Ed Hurley '84 rounded out the scoring for MIT, placing

twelfth.

The JV squad also defeated RPI, 30-48, and WPI, 30-65. Gontran Kenwood '83 paced the group of five MIT harriers who captured fourth through eighth places in under 17:30 apiece. Kenwood covered the three mile course in 17:15.

Looking forward to a successful season, the Engineers (2-0) face Coast Guard in their first home competition next Saturday.



The Volunteers for Youth Big Brother-Little Brother track and field meet, held at MIT last Sunday, attracted the participation of 206 youngsters, aged 7-15, from Cambridge and Boston. Forty-five brothers of Sigma Phi Epsilon helped run the meet. MIT is one of 40 institutions which sponsor a VFY program. (Photo by Kevin Smith)

Women's team in first meet ever

By Rich Auchus

MIT's newest varsity sport, the women's cross country team, fielded seven varsity and six JV runners in their debut performance this Saturday in the Stonehill Invitational. The Engineers placed tenth in a field of eleven teams with 220 points, two points behind Simmons and four points behind Emmanuel. Holy Cross dominated the meet, placing first with only 25 points.

Ulrika Oster '83 turned in MIT's best performance. Oster

completed the three mile course in 19:24 and finished in twentieth place overall. Terry Sutton '83 finished 41st in 20:36, and Noelle Merritt '85 placed 47th with a time of 20:50.

The JV team placed third in a somewhat smaller field. Sarah DeLeon '85 paced Tech with a time of 23:34, placing twentieth overall. Helen Frey '82 finished thirtieth in 25:13, and Kim Adams '85 led a host of several MIT runners who finished soon after Frey.

Coach Christopher Lane was "very happy to see so many women representing the Institute," despite the inclement weather. He was also happy for the women on the team who worked hard to achieve varsity status for last year's club team. Lane believes that more women at MIT might like to compete on the team, and he encourages them to try out for the team.

The squad's next competition takes place next Saturday at Franklin Park.

sports update

By Brian Schultz

Baseball — Wild pitching by the opposition and timely hitting by the Engineers combined for a 20-2 victory over Lowell University last Friday. MIT coach Fran O'Brien said that "they were a much better team than the score would indicate." Lowell was experimenting with new pitchers who loaded the bases with walks several times in the game. Rain forced the cancellation of the doubleheader against Brandeis last Saturday. The game was rescheduled as a single game on October 4. Thus far, MIT's performance seems to indicate that next spring's team will be ready for the competition.

Soccer — What could be worse than losing to Harvard 3-0 at home in a steady rain? Having to come back three days later and face the defending national champion in Division III. That's what the MIT soccer team faced when they met Babson last Saturday at Babson. Without adequate preparation time, the Engineers were unable to keep up with the opposition and lost 8-0. The team is ready to put their losses behind them and look forward to the rest of the season.

Tennis — The men's team competed last weekend in the ECAC Division II Tournament at Rider College in New Jersey. The doubles team of Tom Ransohoff '84 and Will Sauer '85 won in their first round match, only to lose in the subsequent round. Other competitors for MIT included doubles team Ron Rubenstein '84 and Chiwon Hahn

and singles players John Chen '83 and George Hoehn '83.

Meanwhile, the women's team earned their first victory for new coach Candy Royer by crushing Emmanuel College 8-1. The men's and women's teams combined on Sunday to compete at the Greater Boston Mixed Doubles Tournament at Harvard University. The team finished fifth out of seven teams.

Sailing — This past weekend was a busy one for the men's and women's sailing teams. The men competed in two major regattas, the Nevins Trophy at King's Point, and the Lane Trophy at Tufts. MIT finished eighth out of fourteen teams, scoring 325. Host team King's Point took the trophy with a score of 138. The squad then finished ninth out of fifteen in the Lane Trophy, which was won by Boston University. The women sailors finished ninth out of eleven as hosts of the Man-labs trophy on the Charles River last Sunday.

Water Polo — Last Friday and Saturday, the water polo squad

competed in the Fall Classic at Washington and Lee University. The Engineers dropped four out of five matches, defeating Johns Hopkins 13-12 for its lone victory. However, the tournament marked the first time that any sport team from MIT faced a team from Cal Tech. The Engineers lost this historic meeting by the score of 16-9.

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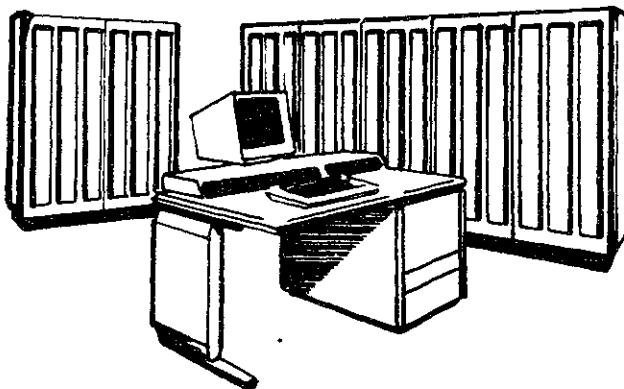
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sports

Defense leads club football to 7-0 victory

By Martin Dickau

A strong defensive effort on the part of the MIT Football Club paved the way to a 7-0 victory over Roger Williams Saturday afternoon. It was the Engineers' first victory of the season, bringing their record to 1-1. Roger Williams drops to 0-2.

Doug Gouchoe '83 led the defense with two interceptions for the Engineers, the first of which led to the lone touchdown of the game.

With Roger Williams on its own thirty-eight, Seahawks' quarterback Dan Parris put the ball in the air. A cold drizzle had been falling throughout the entire game, and the chill in the air had a noticeable effect on the passing. Parris' pass went right into the arms of waiting Gouchoe, who fumbled the ball as he was hit from behind.

Rich Kosowsky '82 alertly picked up the ball, however, and ran it back twenty-eight yards to the Seahawks' nineteen. The Engineers advanced to within the five yard line, but were unable to get the ball over the goal line until quarterback Barry Jordan '83 toted the ball around the left side for the touchdown with only fifty seconds to go in the first quarter. Willy Schwartz '82 kicked the extra point, making the score 7-0.

Although Roger Williams managed to move the ball almost twice as far as MIT (168-93 yds.), the MIT defense was able to force seven turnovers. Besides the two interceptions by Gouchoe, Rich Kosowsky '82 and Mike Ambrogi '85 had one interception each on the afternoon. Eric Brandt '84 and John Einhorn '84 also came up with fumble recoveries for MIT.

The closest the MIT defense al-



Barry Jordan '83 scores the winning touchdown in Saturday's 7-0 victory over Roger Williams. (Photo by Kevin Smith)

lowed the Seahawks to come was early in the second period when Roger Williams drove all the way to the MIT eight only to be forced out to the thirteen. The Seahawks were unable to get past the MIT line and finally had to try for a thirty yard field goal. The attempt failed, preserving MIT's slim seven point lead.

MIT had one other good chance to score late in the fourth quarter. Having driven fifty-nine yards in six plays, including a thirty yard pass by Barry Jordan to John DeReubis '84, the Engineers found themselves facing first down and four yards to go for a touchdown. Three plays

later it was fourth and one. Barry Jordan then threw what would have been an incomplete pass, but a penalty was called, giving the Seahawks the ball on their own twenty.

Engineers' head coach Dwight Smith was pleased with the results of the game. "The defense played very well," he noted and then added, "It's extremely difficult to play well when it's wet."

Coach Smith is looking forward to next Sunday's game against Fitchburg State. "We've started out just like last season," he explained, "We lost our first game, the second was a 7-6 win, and then we never lost again."

sporting notices

For several years, half-formed plans for a women's club soccer team have existed, and this year, the club team has become a reality. Practices are being held every Wednesday and Friday from 7:15 to 8:15am on Briggs Field. The players range from skilled competitors with over four years' experience to equally enthusiastic individuals with no previous playing experience. Any undergraduate women interested in playing on the team are encouraged to come to practice this

week. Anyone wanting more information should call Mary at 225-8597.

* * * * *
An organizational meeting and brief practice will be held Thursday, September 24, in the McCormick Hall gym for anyone interested in cheering at the men's varsity basketball games during the 1981-82 season. Freshwomen are welcome. PE credit is offered. Questions? Call Anita (dl-8666), Laverne (dl-8502), or Paula (dl-8532).

The MIT women's sailing team hosted the Man-labs trophy on the Charles River last Sunday. (Photo by Gerard Weatherby)

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