

The Tech

MASS. 1973
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VOLUME 93 NUMBER 33 MIT, CAMBRIDGE, MASSACHUSETTS TUESDAY, SEPTEMBER 25, 1973 FIVE CENTS

Smullin resigns post; Traffic study undertaken was EE head 8 yrs

By Paul Schindler
 Professor Louis D. Smullin, Jackson Professor of Electrical Engineering, and head of the Electrical Engineering Department since 1966, will leave that post at the end of June, 1974.
 The Tech learned Monday that the resignation was announced to department members "several months ago", according to one source.

Dean Keil that I wanted to resign effective next June, or stay eight more years until I retire." His greatest accomplishment? "I'm not sure I did it, but the department, during my time as head, has continued to demonstrate that it can carry on internationally recognized research and teach undergraduates at the same time."

By Mike McNamee
 MIT is initiating a study of traffic and transportation problems at the Institute, according to O. Robert Simha, Director of the MIT Planning Office.
 In a recent interview with The Tech, Simha stated that particular emphasis would be laid on pedestrian safety and access for handicapped persons.
 The study is an attempt to find out how traffic flows at the

Institute, and where problem areas occur. Simha noted that a similar study was done several years ago, but that changing conditions made an updated examination necessary.
 The Planning Office intends to use the results in its discussions with the Cambridge Traffic Department on the city's traffic problems, as well as in planning for on-campus use.
77 Mass Ave
 "The intersection at 77 Mass Ave has always been a concern to us," Simha stated. Plans were drawn up in 1967, studying the problems of the crossing and suggesting ways of eliminating them.
 The plans that caught the most interest among the community, according to Simha, were those which would involve the most obvious changes. These included plans to lower Massachusetts Avenue below grade, to build a walkway over the crossing, or to construct a tunnel under the crossing.
 Simha stated that the plans were studied, but that "all construction alternatives involved astronomical costs."
 He also noted "practically insurmountable" technical difficulties involved in each plan. "Anyway," Simha added, "even if we were to build a walkway, for example, what is to keep people from taking the path of least resistance and crossing half a block away?"
 The solution finally agreed on was, according to Simha, threefold: 1) A coordinated sequence

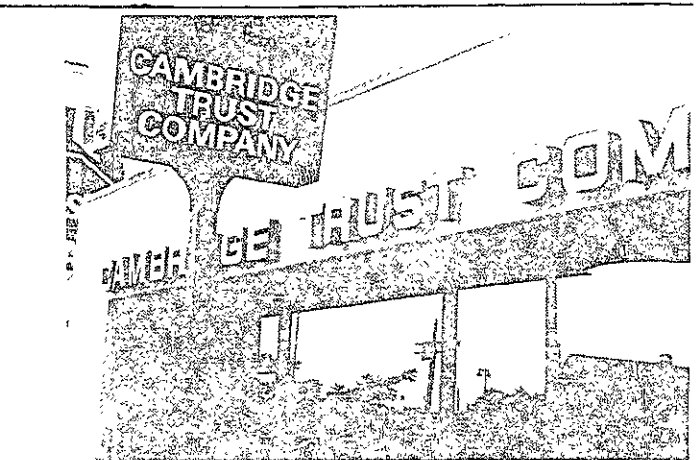
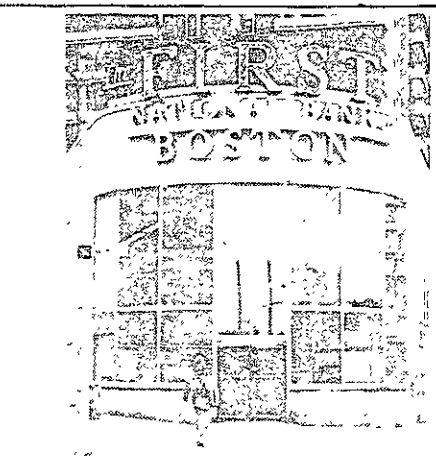
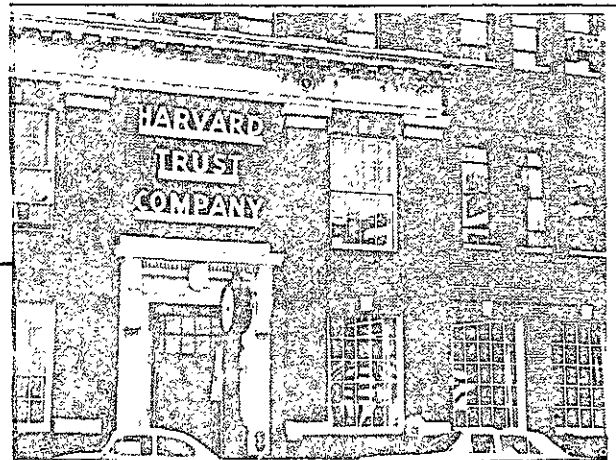
of lights with an MIT-designed timing sequence that would favor pedestrians; 2) Use of street graphics and the international system of designating a crossing area; 3) Elimination of parking spaces along Mass Ave and moving the curb in eight feet on each side of the street.
 "We got a lot of the marbles we were after," Simha said. MIT paid to have lights installed at 33 Mass. Avenue, Vassar Street, and Albany Street (before there had been only pedestrian-activated light at the Institute's main entrance), and to have the crossing painted.
 Funds for the project, which had come from a gift to MIT, ran out before the last part was completed. Also, Simha noted, "there was quite a howl from some people who thought that the loss of the parking would be harmful."
 Currently, MIT is negotiating with Cambridge to restore the original timing sequence of the traffic lights "Although MIT paid for the lights," Simha said, "they are owned and operated by the city. Many of Cambridge's traffic engineers feel the lights were too heavily weighted in favor of pedestrians, so they had the timing changed."
 The system has worked well, in Simha's view; he felt that accidents, such as the one last December in which a Simmons coed was killed and an MIT student injured, are infrequent and are caused by "a number of factors."

Student accounting starts new system

By Henry Frechter
 A new billing system instituted this fall by the Student Accounts Office has "proven its superior efficiency over the previous method," according to James F. Brady, Accounting Officer for Cash Receipts.
 By telling the student what he owes, rather than forcing him to make his own estimates, it has eliminated a lot of work for both him and the office.
 Pre-billing, says Brady, is the basis for the new concept. Prior to this fall term, all students were sent a form requiring them to list their expenses and scholarships, thereby determining their own bill. Any misunderstanding, whether on tuition, dorm bill, or financial aid, was not settled until after Registration Day.
 Brady noted that this often

led to as many as two thousand students crowding the Student Accounts Office during the first weeks of school.
 In the new system, a bill is sent to the student with appropriate forms for any problems or changes. The biggest improvement, stated Philip J. Keohan, Associate Comptroller, "is the clearing up of financial aid discrepancies." Should a student feel the amount is incorrect, he can settle it during the summer, rather than during the confusion of the first week of classes.
 Another important innovation, continued Brady, is the change in the mailing date. The previous August 1 date, with a late August deadline, left only two weeks for the Student Accounts Office to compile a large amount of paperwork.
 (Please turn to page 7)

A search committee to find a successor to Smullin has already been formed, under the chairmanship of Wilbur Davenport, Professor of Engineering and Director of the Center for Advanced Engineering Study (CAES), former associate head of Electrical Engineering.
 Other members of the committee are all in Electrical Engineering: Professors Fernando Corio and Hermann Haus, and associate Professors Stephen Burns, Joel Moses and Stephen Venturia.
 Dean of the School of Engineering Alfred Keil called the group "a mixture of tenured and non-tenured faculty," but sources in the department note that it is "2 computer science people and four others."
 Keil also commended Smullin for his 8 years as department head, and noted his professional stature as well.
 Smullin told The Tech that he will be staying at MIT, but is leaving his post because "Eight years is a long time for one person to do this job. I told



Photos by Sherry Grobstein

Bank	Location	Hours	Savings		Minimum Balance with Interest	Checking			
			Interest Rate	Com-pounded		Charge per check	Minimum Balance	Returned Check Charge	I.D. Picture Checks
Cambridge Savings	Kendall Square	8:00-5:30M-F 9:00-12:00Sat.	5 1/4%	daily	\$10.00	none	\$10.00	\$2.00	no
Cambridge Trust	Kendall Square	8:00-5:00M-F	5%	daily	\$2.00	none	\$100.00	\$3.00	3 cents per check
First National	Kenmore Square	8:00-6:00M-F	4%	daily	none	none	\$100.00	\$5.00	no
Bank of America	Central Square	8:30-5:00M-W-F 8:30-6:00Thur. 10:00-1:00Sat.	5%	quarterly	\$10.00	none	\$99.00 or \$350.00 in Savings	\$3.00	no
First National	532 Commonwealth Ave.	8:30-4:30M-F	5 1/4%	daily	\$10.00	15 cents per check	none	\$2.00	yes, no extra charge
Cambridge Trust	Kendall Square	8:30-5:00M-F	5%	quarterly	none	none	\$100.00	\$4.00	no
Bank of America	515 Mass Ave	8:00-5:00M-W 8:00-6:00Th-F	4 1/4%	quarterly	\$5.00	none	\$100.00 or \$500.00 in Savings	\$3.00	no
First National	Central & Kendall Squares	8:30-5:00M-F Cen-8:30-6:00Th Ken-8:30-6:00Fr Both-9:30-12:30Sat	5%	daily	\$25.00	none	\$100.00 in Checking or Savings	\$4.00	1 cent per check
First National	900 Beacon St.	9:00-3:30M-W 9:00-5:30Th&F	5%	quarterly	none	\$.12/check & \$.75/mo.	\$100.00	\$4.00	no
Bank of America	Kenmore Square	8:00-6:00M-F	5%	quarterly	\$5.00	none	\$100.00	\$3.00	no
First National	560 Comm Ave	9:00-4:30M-W 9:00-5:30Th-F	5%	quarterly	\$5.00	none	\$100.00 or \$500.00 in Savings	\$4.00	no

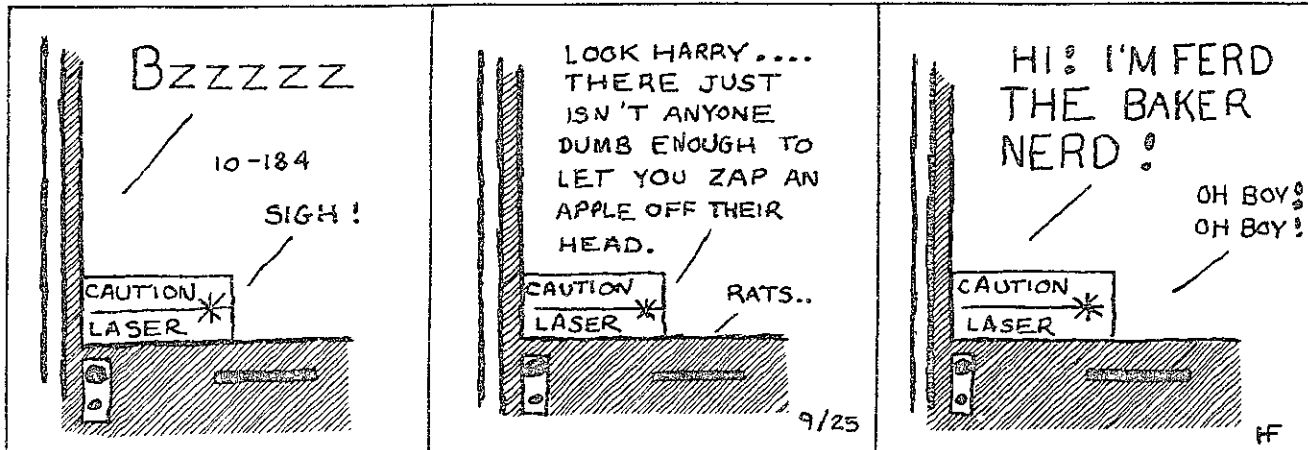
By Bill Conklin
 As a service to the MIT community, The Tech has taken a survey of banks in the vicinity. The results of the survey are a comparison presented as a convenience to those who plan to open accounts in banks near MIT.

The information given pertains to regular checking and savings accounts and the advantages offered at the various banks, such as no-charge checking and identification picture checks.
 The table includes only full service banks near the MIT campus or its living groups.

Handicapped Access
 Simha also noted that the Planning Office is conducting "quite a bit of study" on the problems of access for the handicapped.
 Two graduate students, working out of the Planning Office, prepared a map of MIT for the blind, and Simha's office is now working on a guide to accompany it.
 The Planning Office also participated with Alpha Phi Omega Service Fraternity in preparing a guide to architectural barriers in Cambridge. The guide, which was recently released, lists stores and other establishments throughout Cambridge, and details the obstacles that a handicapped person might find at each location.
 The guide was prepared over the summer, and based on a survey and study done on February 24, which was Architectural Barriers Elimination Day in Cambridge.
 A statement accompanying the guide notes: "Public awareness of the needs of the handicapped is necessary. Architectural barriers are not only flights of stairs or heavy doors. High curbs, uneven sidewalks, narrow passageways and out-of-reach telephones or drinking fountains also fall into this category."
Androgyny
 Mary Rowe, Special Assistant to the President and Chancellor for Women and Work, will speak on "Androgyny" at today's meeting of the Association for Women Students (AWS). The meeting will be held in 3-310 at 4:00pm. All are invited, including late-comers. Refreshments will be served.

Nuts & Screws

By Fred Hutchison



UA outlines new programs

By James Moody

The undergraduate Association, under the direction of co-UAP's Linda Tufts and Derrick Vlad, has announced plans for numerous projects this year.

The UA, in conjunction with LSC, will be sponsoring a four-part lecture series entitled "Unsolved Mysteries of the Past." The first lecture, scheduled for the middle of October will focus on peoples of the past, with topics such as Stonehenge, Atlantis, and Syboris. The second lecture, "In Search of Dracula," will explore the origins of legendary hemophilic Count.

Several ships and planes have been irrecoverably lost near Bermuda, and hundreds of people have thus been reported missing. "The Bermuda Triangle", the next lecture, will probe these mysterious disappearances. A movie will be released in November, allegedly telling the "true" story surrounding the November, 1963 Kennedy assassination. The final lecture will explore this version of the "truth." The talks will take place either in Kresge or 26-100, and admission will be free.

The UA will be running its 2nd annual voter registration drive during the second week in October. The deadline for registering is October 16. A table will be set up in the Student Center prior to this where people can register.

MIT's Open House will be one of the UA's Spring projects. This takes place every other year. It gives the entire Boston area community a chance to visit MIT, to see what is going on in the classrooms and laboratories, and to meet some of the friendly people here.

The UA is now trying to get a date and book a major rock or jazz group to do a concert in Kresge in late November. Kresge's limited seating capacity, 1200, makes top acts uneconomical, but they hope to get someone like Livingston Taylor or the James Montgomery Blues Band. If this is a success, other such concerts will be tried later in the year.

The Secretariat

Tufts and Vlad are currently reorganizing the Secretariat, the administrative arm of the UA, into four divisions.

The Publicity Division will be responsible for all UA bulletin boards, the booths in the lobby of Building 10, and for publicizing all UA-coordinated events. A newsletter will be

coming out soon once every couple of weeks. It will include a calendar of all campus extracurricular events; as well as detail the current activities of the UA committees: Nominations Committee, Finance Board, Student Committee on Educational Policy, Student Center Committee, and the Student Information Processing Board.

The Social Division will coordinate social events with other groups, such as the SCC and LSC. They will keep an updated list of all social events on campus, as well as maintain a list of reliable cheap bands and acts for living group parties. They will also run large social events such as the November concert.

The Administrative Division will handle such office-related functions as keeping minutes and mailing lists, working out a new filing system, etc.

Finally, the Elections and Constitutions Divisions will run the class and UA elections this Spring, and write the long-awaited new constitution for the UA. They will also assist other groups and activities in writing constitutions.

Faculty-student interaction

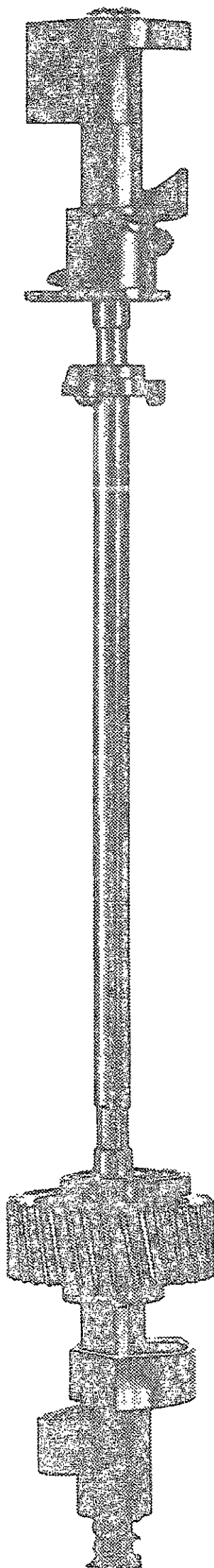
Vlad is continuing his project, started last Spring, of investigating the ways in which students in the different departments interact with the faculty to set curricula, requirements, tenure, policy, evaluation of teaching, etc. He is paying particular attention to departmental student-faculty committees, and hopes to help strengthen these in all departments.

This week, Tufts and Vlad will be finalizing plans for an advisory group. This will be an informal group of about 20, whose primary role will be to enhance communication between the groups and organizations represented.

They hope this communication will foster greater cooperation between campus groups which have been virtually isolated from each other for the

past few years. The group may also recommend and/or coordinate new activities. Tufts expressed pleasure that "new lines of communication are opening up everywhere between students."

She also pointed out that the UA is always looking for people with new ideas or suggestions, adding that, "we have the resources and manpower to help you carry them out."



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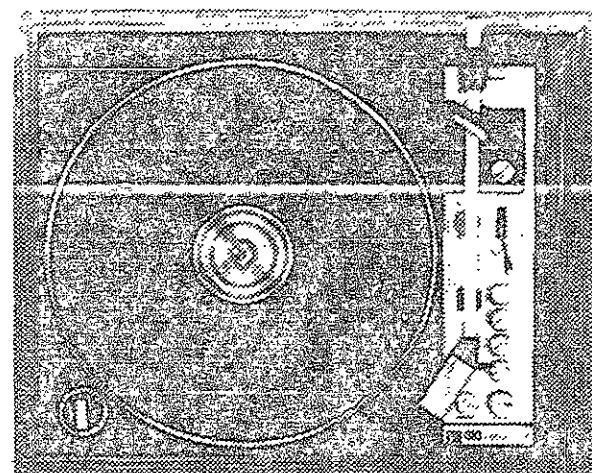
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Saturday, September 29
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6:30 & 10 - Kresge

Sunday, September 30
Our Man Flint
8 - 10-250

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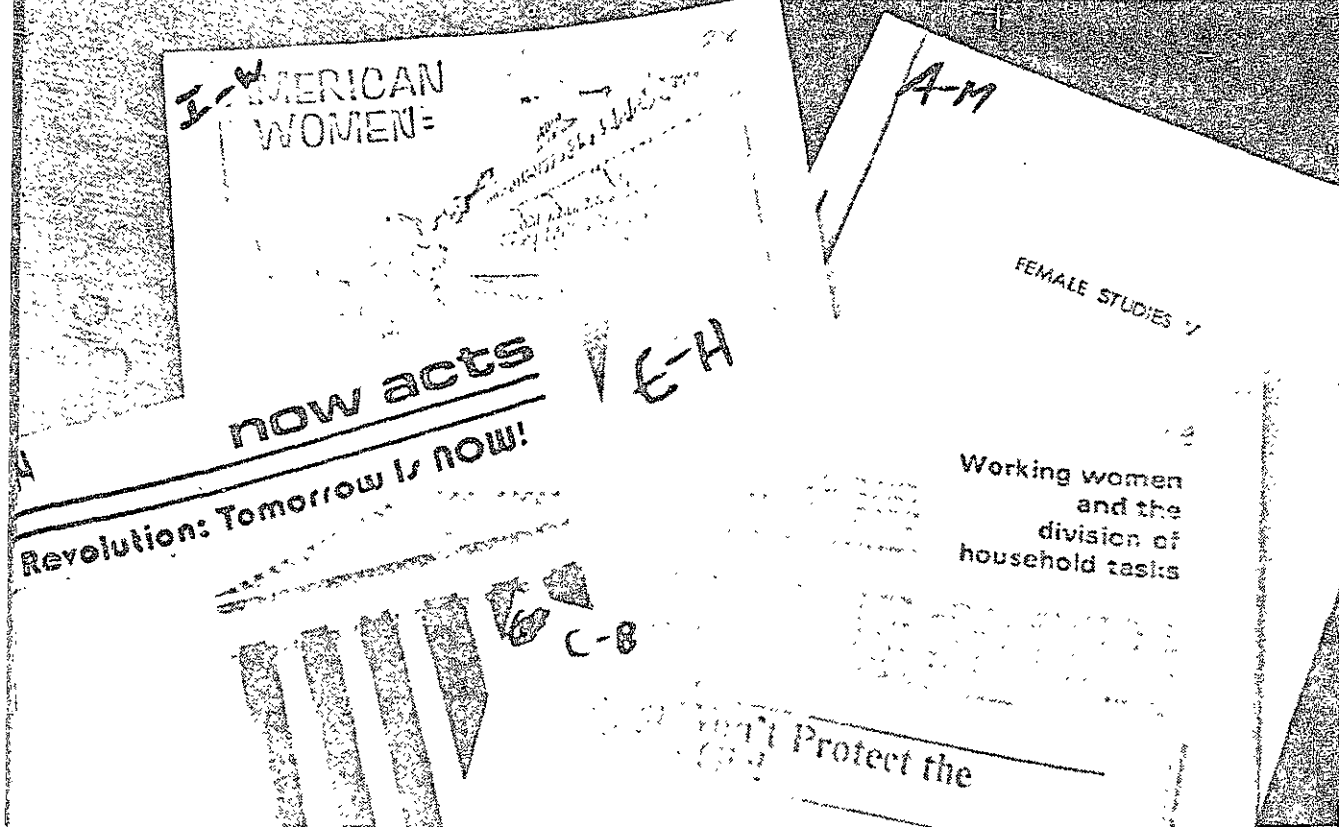
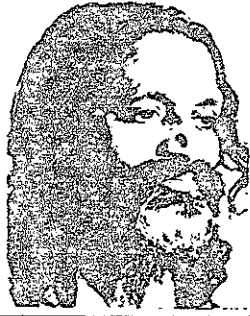


Photo by Sherry Grobstein

A human studies sections, composed of men's studies and women's studies, has been formed at Hayden Library. The papers were gathered by Mary Rowe, Special Assistant to the President and Chancellor, and Frances Sumner, Humanities Librarian. They are being catalogued and updated by David Feraro. There are hundreds of papers in the collection now, and it may yet grow more.

Students International Meditation Society presents a lecture on **TRANSCENDENTAL MEDITATION** as taught by Maharishi Mahesh Yogi



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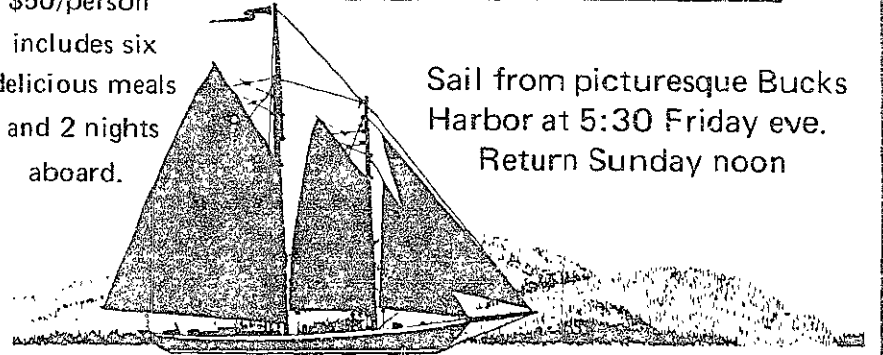
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WHICH NEWS IS FRESHER?

The Tech

MIT, CAMBRIDGE, MASSACHUSETTS

FRIDAY, SEPTEMBER 14, 1973

The New York Times

NEW YORK, SUNDAY, SEPTEMBER 16, 1973

CIS Gets Ford Grant

The Ford Foundation is preparing to award MIT a \$500,000 grant for research and training in "arms control and national security studies," as part of a broad program aimed at training a "new generation" of arms control analysts.

The grant will be awarded to the MIT Center for International Studies (CIS), and CIS Director Eugene Skolnikoff said Thursday the four-year program will involve students and faculty from an number of academic areas.

Skolnikoff said those faculty

members involved included Professors George Rathjens and William Kaufmann from the political science department, Jack Ruina from electrical engineering, Norman Rasmussen of nuclear engineering and John Deutsch of chemistry, as well as CIS Assistant Director Amelia Leiss.

Ford officials confirmed a larger grant was being made to Harvard's Center for International Affairs, where an arms control center is to be established. The amount of that grant was not disclosed.

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Arms Control Studies Funded by Foundation

CAMBRIDGE, Mass. Sept. 15 (AP)—The Ford Foundation has awarded grants totaling \$1.6-million to Harvard University and the Massachusetts Institute of Technology for arms control research.

Robert Tolles, a spokesman for the foundation, said that Government funding for arms control was cut by one-third, and the foundation appropriated \$4.5-million for such work.

He said that Cornell university has been granted \$400,000 and that \$2.5-million remained unallocated. The foundation approved awards of \$1.1-million to Harvard and \$500,000 to M.I.T.

Activities need real commitment from MIT

By Paul Schindler

What is the proper role of extra-curricular activity at MIT? Support? Escape?

Maybe it is time that the closet controversy over space came out into the open. There are about 128 student groups at MIT, ranging from newspapers to horticulture clubs. At any one time, about a dozen of them are looking to get space, or to get more space.

There is currently a definite "upper bounds" on this process, dictated by available space in the Student Center and Walker Memorial, and by the even greater constraint imposed by the unpopularity of space in Walker.

Ever since the Student Center was opened in 1965, some activities that did not flow out in the first wave have been struggling to move across campus, leaving mostly groups that want a lot of space.

Within the Center, the politics of space are an ongoing sideshow, as groups jockey on the one front to keep what they have and on the other to expand.

The keys to the game are in concepts like number of students served, importance to the community, and efficient usage of space.

If activities were the only thing that went on at MIT, or if they only had to justify themselves to the Dean's Office, or if Walker and Stratton were sufficient, there would be no real, large-scale space problem.

Academics versus "Sixth School"

Unfortunately, student activities are in a life-and-death competition with academic activities which calls their very existence into question in some cases.

Just as student activities have grown, so too has the academic activity of MIT, and it has grown faster than the space available.

Thus, while Provost Walter Rosenblith clearly stated he has no advance notion as to whether or not activities are "under-utilizing" their space on campus, he has asked Dean for Student Affairs Carola Eisenberg to get together with some students and examine the situation (*The Tech*, Sept. 11, p. 3), and then report to him on it.

What about Building 20, where Tech Model Railroad Club sprawls in profusion? Persistent rumors have student activities being moved out of all mixed-use buildings, of which this is the most spectacular example. They also make the building a likely candidate for demolition.

Rosenblith didn't have a comment on mixed-use buildings, but made it clear that he sees Building 20 as being around for a long time.

What are the chances of student activities getting any of the Building 10 or Building 4 space opened up by the new EE building, or any of the space soon to be opened by the departure of Chemical Engineering into their own new building?

Pretty dim, judging from the impressive list of academic groups who have justifiable needs for more space. It is obvious that academic needs take priority over non-academic, isn't it?

Officially, that is not as clear as some would have it. Former Dean for Student Affairs, J. Daniel Nyhart used to speak of the "Sixth School" of MIT (there are five regular academic schools).

It was supposed to be the school of cognitive learning, all the learning about life that takes place outside the classroom. He believed that the Institute and his office had an important role to play in that school, of which he was effectively dean.

The concept is valuable, if for no other reason than the fact that it puts the majority of a person's education on the same level as the classroom, tooling minority. Even the most slide-rule bound engineering hack cannot help but age four years while attending the Institute.

Institutional dedication

A devotee of MIT presidential speeches will find ringing phrases and ideas that carry down through the years. One of them is the idea that MIT must educate the whole person.

Take President Jerome Wiesner's belief that MIT "more fully engage the outstanding young people it attracts..." when he also asked, "How can it [MIT] help them discover themselves;" both at the time of his inauguration.

He was simply re-affirming a policy that has been MIT's official policy for years.

The policy has led to a new Student Center, Finboard to fund operations, ABD to finance capital expenditures, and a whole range of co-operation between Dean's Office people and students.

It has not softened the attitude of a substantial number of faculty and students who believe that the sole purpose anyone could have for attending MIT is to go to classes and turn out problem sets.

This kind of narrow view is responsible for the sense of shame some people feel

as a result of their participation in student activities. They are made to feel that what they do is trivial and unimportant, and that the time they devote is wasted.

Shame may seem like a harsh word, but that's the way it is these days. And it is too bad that the shame is shared by people with majors considered "odd" by the majority of people in an engineering community: humanities and management.

This community, faculty and students alike, is intolerant of diversity, on the whole. If it is not strictly quantifiable, if there is no algorithm that can generate it, if it is not either professional or vocational preparation, it is not worthy.

If MIT means what it says about the whole person, the Administration collectively, and the faculty who already care, would begin serious work to persuade those that are not convinced of the value of the "sixth school" to change their minds.

They would become intolerant of intolerance, of the full Professor who sends out the subtle message of his disdain for non-academic work to every class he teaches.

they would put activities on an equal footing with academic areas in the Institute's "Space Race."

they might even participate in activities themselves.

I do not mean by this to cast any aspersions on the current or past administrators who have formulated the "complete education" policy, nor am I suggesting massive social engineering which would make activities required, the way PE is.

There is logic in such a position - the public reason for required PE is to get the student to sample healthy physical activity that might last a lifetime, which she/he might otherwise ignore.

Certainly a parallel case could be made for stretching the mind as an Institute requirement; that's just as important as stretching the body.

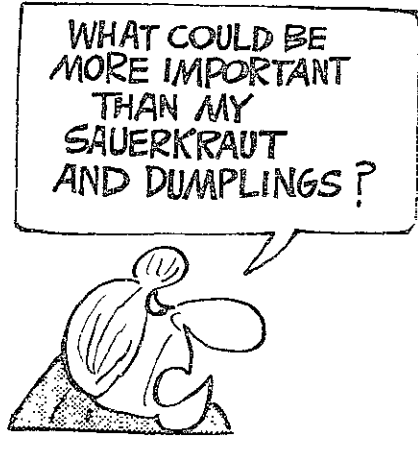
As a matter of fact, stretching the mind is purportedly the function of Science Distribution, Institute General Requirements, Lab Requirement and Upperclass Humanities Requirement. But it is a narrow stretch, and in spite of its creator's best intentions, can be twisted into nothing more than a continuation of the same kind of work a student is already doing as a major.

Now is as good a time as any to take the "complete education" concept off

the shelf, dust it off, and examine serious ways to implement it. Chances are that it would not be expensive, thus eliminating the major stumbling block that stands in the way of most new initiatives one asks for in these troubled times.

What would it take if not money? Time, dedication, some re-ordered priorities, and faculty co-operation are minimum requirements for any significant advances in the status of the "sixth school."

At the very least, let the faculty go on record as having a real commitment to making this university work outside of their classrooms and labs. They have a long way to go to make cognitive education a majority task.



Continuous News Service

The Tech

Since 1881

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Letters to The Tech

To the Editor:

I have read with considerable interest your defense of amateurism in the pages of *The Tech* (Editorial, Sept. 18, 1973). You have absolutely and completely ignored the major complaint that Curtis Reeves has with the article "UA: Imminent decline again?" and that is with the headline. You are making one of the gravest possible errors a newspaper can make in saying that "only editorials... are statements of the opinion of *The Tech* as agreed upon by the editorial board."

There is probably no major newspaper in the United States in which the person who writes an article is the same person who chooses the headline. The choosing of a headline is done by a staff of editors, based partially upon the content of the column, partially upon the amount of space available, and partially upon the editorial position of the newspaper. If you want proof of this fact, compare any

story in the *Herald American* with any story in the *Globe* that came from the same wire service, and, except for the headline, is otherwise identical. Or compare the *National Enquirer* [published by an MIT graduate - Ed.] with the *New York Times*,

By choosing headlines such as you did for the UA article, you are editorializing just as much as you are when you print the word "Editorial" on the top of your editorial page and print a rebuttal to a letter in type twice as large as that of the letter, and double spaced, defending something entirely irrelevant to your choice of headlines.

Gentlemen, if you expect to retain your integrity, I should hope that you soon realize the editorial nature of headlines, and, if you should choose to defend yourself by means of an editorial a second time, that you will address yourselves to the principle issue.

Allan Cassel '74 (VI-1)

ATTENTION

UROP points out that persons wishing to apply for Class of '70 money have until October 2.

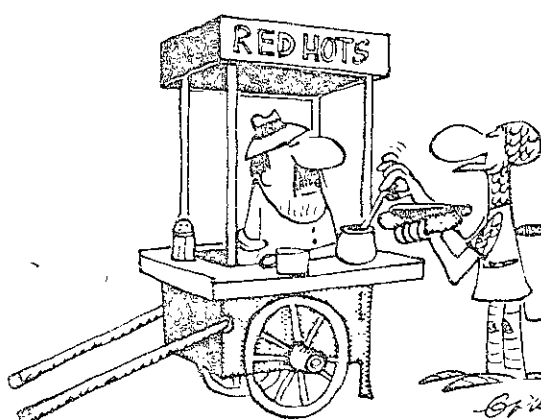
LSC wishes to point out, after 40 people were turned away from the second show of "Fritz" after seats went begging at the first performance, that you should in general go to the first show if possible.

THE COOP probably does not wish to point out that it had a Cambridge Police officer in the store for the first few days of the term as shoplifting prevention. The manager says he is not a permanent addition. The Coop pays his salary while he's there.

The Tech wishes to point out that it is not going to do this too often.

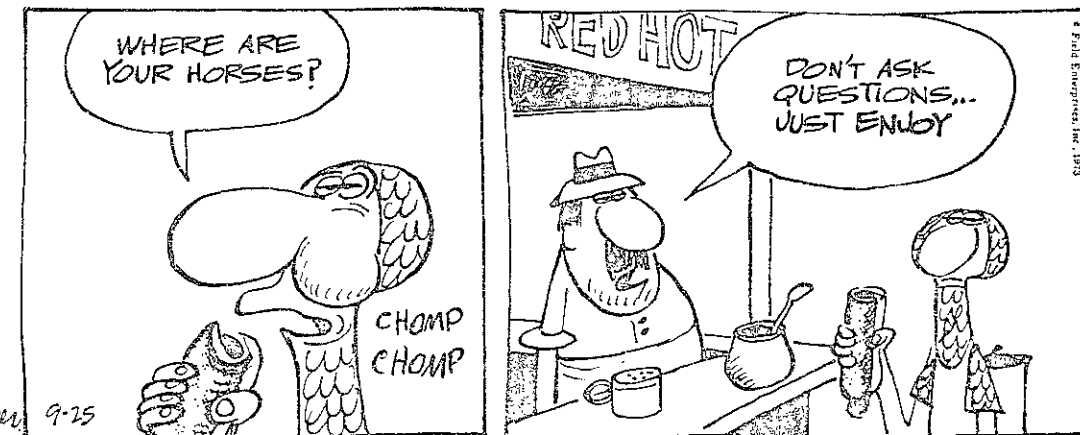
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THE WIZARD OF ID



The Wizard of Id appears daily and Sunday in *The Boston Globe*

by Brant Parker and Jehanny Hart



Roth: The President addresses the nation

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By Philip Roth

My fellow Americans:

I have an announcement to make to you tonight of the greatest national importance. As you know, the Senate has voted this afternoon to remove me from the Office of the Presidency. That, of course, is their right under the Constitution of the United States of America, and as you know, I have not interfered in any way with their deliberations on this matter, as I did not interfere some weeks ago when the House of Representatives arrived at their decision after their own deliberations. They have a right to express their opinion, as does any American, without Presidential interference or pressure of any kind from the Executive branch. That is what is known as the separation of powers. You probably know by now that there were even members of my own political party among those in the Legislative branch who voted to remove me from the Presidency. I consider that to be a vigorous and reassuring sign of their independence of mind, and of their personal integrity. I applaud them for their actions, which can only strengthen the democratic processes here at home, and enhance the image of American democracy abroad.

However, according to the doctrine of separation of powers, the Executive branch has an equal voice in the management of government, along with the Legislative and the Judicial branches. That, after all, is only fair. It is what is meant by "The American Way." Moreover, the President, which I am, has the sole responsibility for safeguarding the security of the nation. That responsibility is spelled out in the oath of office, which, as you all know, every President takes on Inauguration Day. President Washington, whose picture you see here, took that oath. So did President Lincoln, pictured here. And so did our great President Dwight Eisenhower, whose grandson has just completed serving his country in the United States Navy and is married to my daughter Julie, whom you see pictured here, in her wedding dress. And of course standing beside Tricia is my wife Pat. My fellow Americans, I owe it not only to these great American Presidents who preceded me in this high office, but to my family, and to you and your families, to respect and honor that oath to which I swore on the Holy Bible on my Inauguration Day. To speak personally, I just couldn't live with myself if I went ahead and shirked my duty to safeguard the security of the nation.

And that is why I have decided tonight to remain in this Office. My fellow Americans, though I respect the sincerity and integrity of those Senators who voted earlier in the day for my removal, I find, after careful study and grave reflection, that to accept their decision would be to betray the trust placed in me by the American people, and to endanger the security and the well-being of this nation.

As you all know, there has never been an American President yet who has stepped down in the middle of his term of office because of Congressional pres-

sure of any kind. That is something for which there is just no precedent in American history — and, let me tell you, straight from the shoulder, I don't intend to break the record my predecessors have established of standing up under fire.

You know, no one, I don't care which party he belongs to, expects this Office to be a bed of roses. If he does, he shouldn't run for the Presidency to begin with. As the late President Truman put it — and you remember, Harry Truman didn't always see eye to eye on everything with us Republicans — "If you can't take the heat, you shouldn't be in the kitchen." Well, I happen to pride myself on the amount of heat I've taken over the years — some of it, as you older folks may remember, in a kitchen in the Soviet Union with Premier Khrushchev. But in the name of the American people, I stood in that kitchen; and in the name of the American people, I am standing up to the Congress tonight.

Richard Nixon is not going to be the first President in American history to be removed from office by the Legislative branch. I am sure that is not the kind of President that the American people elected me to be. Frankly, if I were to give in to this Congressional pressure to remove me from Office, if I were to come on television tonight to tell you, yes, President Nixon is quitting because he can't take the heat, well, that to my mind would constitute a direct violation of my oath of office, and I would in fact *voluntarily* step down from the Presidency, out of a sense of having profoundly failed you, the American people, whose decision it was to place me in office in the first place.

My fellow Americans, during my years as President, I have as you know devoted myself to one goal above and beyond all others: the goal of world peace. As I talk to you here tonight negotiations and discussions are being conducted around the globe by Dr. Kissinger, Secretary Rogers, and key members of the Department of State to bring peace with honor to America and to all mankind. These negotiations are taking place at the highest diplomatic level and necessarily in secret — but I am pleased to report to you tonight that we are pursuing them with every hope of success.

Now I am sure that no one in Congress would willingly or knowingly want to endanger the chances of world peace, for us, for our children, and for generations to come. And yet, by calling upon the President to pack up and quit just because the going is a little rough, that is precisely what they are doing. And that is precisely why I will *not* quit, I happen to care more about world peace now and for generations to come than about making myself popular with a few of my critics in the Congress. Oh, I am sure that the easier choice would be to retire to San Clemente and bask there in the honors and tributes that we Americans lavish upon our former Presidents. But I prefer to take the hard road, the high road, if that is the road that leads to the end of warfare and to world peace for our children and our children's children. My fellow Americans, I was raised to be a Quaker, not a quitter.

Now I have to say some things to you that you may not care to hear, especially those of you who try to think the best of our country, as I do myself. But tonight I must speak the truth, unpleasant as it may be; you deserve no less. My fellow Americans, I understand there are going to be those in Congress who will not respect the decision I have announced here tonight, as I respected theirs, arrived at earlier in the day. We have reason to believe that there are those who are going to try to make political capital out of what I have said to you tonight from the bottom of my heart. There are even going to be some who will use my words to attempt to create a national crisis in order to reap political gain for themselves or their party. And, most dangerous of all, there are some elements in the country, given to violence and lawlessness as a way of life, who may attempt to use force to remove me from Office.

Let me quickly reassure you that this administration will not tolerate lawlessness of any kind. This administration will not permit the time-honored constitutional principle of the separation of powers to be subverted by a disgruntled, ambitious or radical minority. This administration intends to maintain and defend that great American tradition that has come down to us unbroken from the days of the Founding Fathers — the great tradition of a President of the United States, duly elected by the people of the United States, serving out his term in office without violent interference, by those who disagree with his policies. Disagreement and dissent are, of course, in the great tradition of a democracy like our own; but the violent overthrow of the elected government is something that is repugnant to me, as it is to every American, and so long as I am President, I

promise you that I will deal promptly and efficiently with those who advocate or engage in violence as a means of bringing about political change.

In order to discourage those who would resort to violence of any kind, in order to maintain law and order in this nation and to safeguard the welfare and well-being of law-abiding American citizens, I have tonight, in my traditional role as Commander-in-Chief, ordered the Joint Chiefs of Staff to place the Armed Forces on a stand-by alert around the nation. The Department of Justice and the Federal Bureau of Investigation have also been advised to take all necessary steps to ensure domestic tranquility. The National Guard has already been notified and throughout the fifty states units are being mobilized for duty. Furthermore, state and local police have been encouraged to request whatever assistance they may require, in the way of personnel or equipment, in order to maintain law and order in your communities.

My fellow Americans, I swore upon taking this office to safeguard this nation and its citizens, and I intend to stand on my word. No one — and that includes Congressmen and Senators, just as it does the armed revolutionary — is going to tell the American people that they cannot have sitting in the White House the President they have chosen in a free and open election. And I don't care whether that President happens to be myself, President Washington, President Lincoln, or President Eisenhower. I give you every assurance tonight that the President you, the American people, elected for a second four year term will not permit the votes you cast so overwhelmingly in his favor to have been cast in vain.

God bless each and every one of you.
Good night.

Letters to The Tech

To the Editor:

Having been a resident of Baker House for four years, I was happy to see that some people, other than Baker residents, have finally realized what many Bakerites have been saying for years, Baker House has indeed been neglected by the Institute, particularly the Housing Office and the Dean's Office, for much too long a time. It is clear that Baker House has been the victim of inadequate funding from its very beginnings more than 25 years ago, as Stanley Abercrombie pointed out in his article in the July issue of *Architecture Plus*. He stated that the original plans for a roof garden and for real bricks inside and outside instead of ceramic tiles, had to be abandoned because of the Institute's ever present need, even in the 1940's, to economize. Since then the Institute has appropriated more rooms, it has replaced the original wooden windows with aluminum ones, and it has replaced much of the original furnishings with cheap substitutes.

Baker residents have long appreciated Alvar Aalto's unique architectural style and while I was there at least, we tried our best to convince the Housing Office to preserve it. Instead they made helterskelter additions and supposed "improvements" that we did not need or want. An excellent example are the new windows on the South side of the building. When we heard in the spring of 1972 that the Institute planned to spend something like \$100,000 to replace the windows, we approached the Deans and told them that first, the windows on the North side needed more attention than on the South, and that second, the money could better be spent on other renovations and restorations, such as room furniture in Aalto's style, carpeting, and more furniture for our unique lounge spaces. We were told that the money had to be spent on the windows and that there was nothing we could do about it. We came back in the fall to find new windows on the South side made of aluminum, instead of wood as Aalto's plan called for, and no repairs made to the North side windows.

Despite the Institute's attempts to

bastardize Aalto's design, Bakerites have done their best to preserve it. When a group of us had a party on the dirty gravel roof last spring, we were not even aware of Aalto's plan for a roof garden. Such a garden would have added a fantastic common area to the dorm and we would not have been covered with grit after our party! When in 1971 and 1972 Burton and MacGregor surpassed Baker as the first choice dorms, we pleaded desperately with the Housing Office to give us needed renovation money to turn what was rapidly becoming a slum back into the architectural wonderspot it once was. In return we received arguments that the "housing system as a whole" was most important and that Baker could wait. But Baker House is the most unique building on campus, if not in the whole world, and its continuing decay is both aesthetically and architecturally disgusting.

Ken Browning stated in your September 14th article that deterioration was inevitable and that "the maintenance has [not] been that bad." Abercrombie was much more accurate when he stated, "the examples of defacement that most sicken a visitor today seem to be the results not of abuse by the students but of abuse by MIT's own Physical Plant department," or more accurately, as Browning himself points out, by the Housing Office, of which by the way, Browning was once an employee.

Every student who has lived in Baker House has been affected by its architecture. Instead of leaving his room to find a straight corridor lined with doors and devoid of people, the Baker resident opens his door on spacious windowed lounges, undulating hallways, and the friendly faces of his neighbors using those hallways. The "spirit" of Baker House is, to a great extent, due to its architecture, and the Institute should realize it. As someone who has known and loved Baker House, I call on the Housing and Dean's Offices to end their maintenance neglect and to spend money where and how it needs to be spent, in order to restore and improve Baker House in a way that Alvar Aalto would have liked.

William Blum '73

The nationwide hero-worship of Senator Sam Ervin does have its marginal aspects, as chronicled on this page by Norman Sandler (September 11, "Watergate Heroes").

At the same time, some of the commercial exploitation of the Ervin image has reached national importance that cannot be ignored. Which is another way of saying that many people have asked me where I got my Sam Ervin tee-shirt (left) and where they can get one.

You can get the shirt, a poster, and a button, all with the same drawing of Ervin for \$5 (\$3.50 for the shirt, \$1.50 for the poster, \$.50 for the button) by writing to The National Sam Ervin Fan Club, PO Box 2346, Stanford, California 94305. Enclose \$.50 extra for them to handle while filling your order.

Club profits reportedly go to political improvement organizations like Common Cause.



Sea-mining grant received

A \$61,000 grant has been given to an MIT-Boston University study group, to develop a "legal and regulatory framework" for marine mining and resource extraction.

According to a statement released last week, the National Science Foundation's Research Applied to National Needs Program has given the grant to a project team headed by Associate Professor of Civil Engineering Michael S. Baram. Professor David A. Rice of the Boston University School of Law will be co-principal investigator of the group.

Also assisting in the study is William W. Lee G, a Civil Engin-

eer major. A law student will be selected shortly to assist the researchers.

The statement quoted Baram as stating that "Conflicts between public and private interests, and between federal, state, and local authorities, are expected to be significant features of the study."


The project team will focus on mineral resources lying within the United States coastal area. The group will try to set up methods of regulation and legal frameworks to ensure social management over mineral extraction.

The study group will review the legal codes of the coastal states, with emphasis on laws covering the extraction of minerals from the ocean. Federal and local regulations will also be studied, in an attempt to set up a coherent code.

Baram, who has long been active in environmental law developments, was quoted in the statement: "In most states there is no coherent regulatory program for resource management in the coastal zone. Furthermore, the principle of harmonization of differing state approaches must be developed to

ensure regional and national interests."

Coastal resources have come under much scrutiny recently; projects such as MIT's Sea Grant program are involved in studies aimed at maximum utilization of the marine resources with minimal environmental impact. The new study group will, in a subsequent phase of the program, try to devise means for involving citizens in decision-making and monitoring and enforcement of environmental controls.



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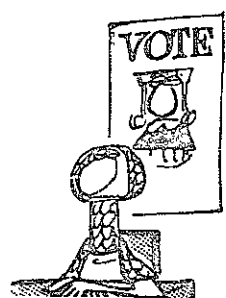
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NOTES

* A reminder to all students who have elected the Deferred Payment Plan that the next payment is due on Monday, October 1. The amount due is generally one quarter of your total fees and may be paid at the Cashier's Office, Room 10-180.

* The Student Homophile League of MIT will be holding a discussion on the subject of "Gay Life in Boston" on Thursday night, September 27, at 8 pm in 14E-307. On the following Sunday, September 30, there will be a party hosted by SHL, at 4 pm, also in 14E-307. All MIT students are welcome to both these events.

* "Relief for flood-hit Pakistan" A fund raising drive has been started at MIT by the Pakistani Students and C.A.R.E. to aid the victims of floods which have devastated Pakistan. 15,000,000 people have been directly affected, 2,000,000 homes damaged or destroyed, \$800,000,000 worth of crops destroyed. A booth has been set up in Bldg. 10. Money and clothing will be accepted. Checks can also be mailed to Pakistan Flood Relief Fund c/o Foreign Student Office, MIT.

* The Council for the Arts at MIT has moved to 20D-220. Its new extension is 3-4003.

* The Stratton Collection Student Lottery will be held again this year in the West Lounge of the Student Center from Monday, October 1 to Thursday, October 4, 10 am-4 pm. Full-time, officially registered MIT students may come and make their choices from among the 60 original prints on display. These graphics, representing some of the most prominent artists in the century, are loaned to students for use in their living quarters during the academic year. When the exhibition closes Thursday afternoon, names will be chosen at random and matched as closely as possible with the choices indicated. "Winners" will be notified immediately and the prints will be held in the West Lounge for pick-up from 10 am-2:30 pm on Friday, October 5. All prints must be returned to the Committee on the Visual Arts during the week of May 13, 1974.

New system devised for student accounts

(Continued from page 1)

As of last year, both dates were moved a month earlier, allowing more time to do a more thorough job.

Also under the new system, students whose roll cards are to be withheld are given appointments to visit the Student Accounts Office, spreading them out and giving the Student Accounts Representatives more time to devote attention to individual problems.

Says Keohan, "The new

system is the result of meetings and discussions of all the departments involved." Billing the student body is a complicated job, encompassing input from the offices of the Registrar, Financial Aid, Graduate Students, Housing, and Research and Teaching Assistants.

In conclusion, Brady says the new system is a big improvement for the students, too. "We're not out to get anybody, despite our old image. We hope this helps to change it."

There will be an open meeting for all undergraduates interested in the COMMITTEES on



EDUCATIONAL POLICY
ACADEMIC PERFORMANCE
CURRICULUM and
GRADES



on Tuesday, Sept. 25 at 5pm in the Mezzanine Lounge of the Student Center. Refreshments will be served.

Hearings for the Ad Hoc Committee on Grades will then be on Thursday, Sept. 27. All persons interested in this committee must make an appointment for a hearing no later than 2pm on Wednesday, Sept. 26. For more information call x3-2696 or drop by Room 403 of the Student Center.

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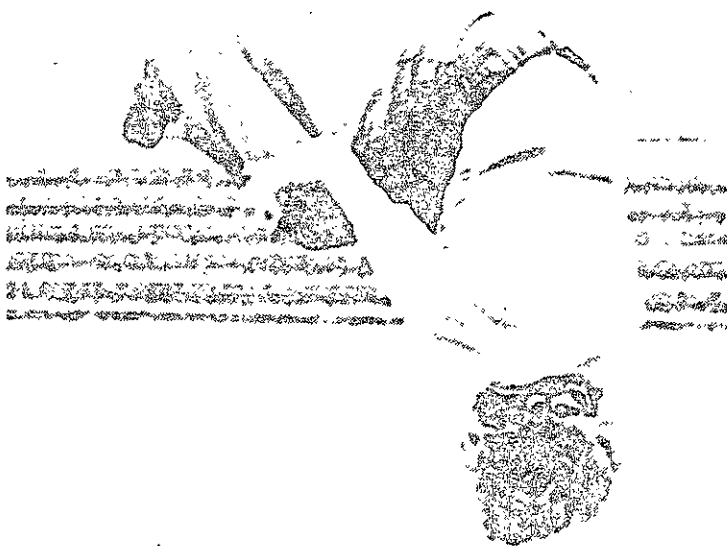
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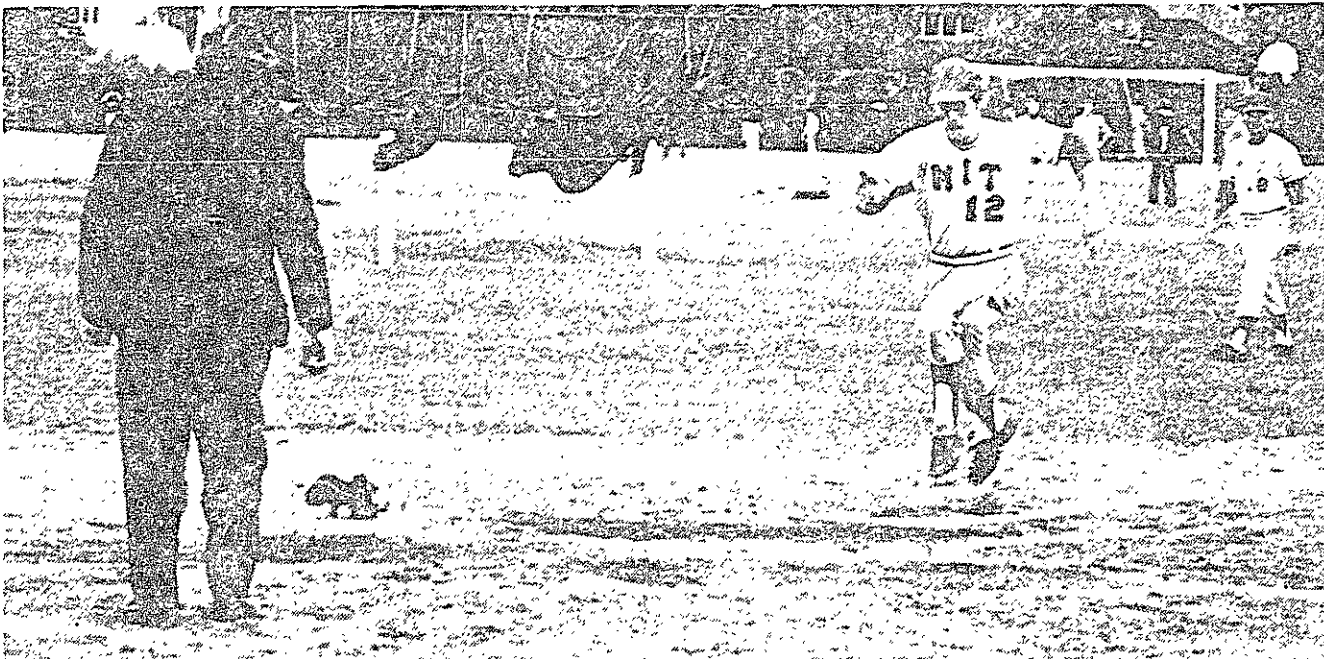


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Sports

Baseball: 14-3 loss to MBCC



The MIT baseball squad beat Assumption 9-6, but then lost to Mass. Bay Community College 14-3.

By Dan Gantt

A devastating 14-3 loss to Mass. Bay community College on the heels of last Thursday's 9-6 win over Assumption provided MIT with its first baseball defeat of the fall.

The Beavers yielded six runs in the top of the first to Mass. Bay, and the contest was essentially over. Although countering with one score in the home half of the first, Mass. Bay ran the score to 14-1 before MIT plated its final two unearned runs in the bottom of the seventh and final inning.

The game was not a total waste of time, however, as a number of inexperienced MIT pitchers got an opportunity to play. Of these, Ken Smith '77 and Vince Maconi '76 were particularly impressive.

Against Assumption the previous day the story was pleasantly different. Spotting Assumption a 1-0 lead after an inning and a half, the Beavers rallied to take leads of 2-1 and 6-1. Assumption fought back, though, to knot the score in the fourth aided by four walks, an error, and a fluke hit.

However, with two gone and two on in the MIT half of the fourth, Maconi unloaded a towering homer off of the tennis bubble to end the scoring at 9-6.

Dave Yauch '75 and Arthur Rosiello '75 combined to hurl excellent relief ball over the final three innings to nail down the win.

Offensively, Dan Sunberg '77 contributed a couple as did Maconi whose five RBI's provided the margin of victory.

Soccer ends pre-season at 1-2-1

MIT booters lose 4-2 to Bowdoin, 3rd at Keene Tourney

By Glenn Brownstein

MIT's booters completed their 1973 pre-season schedule Sunday with a 4-2 loss to Bowdoin at Briggs Field. Along with MIT's third-place finish last weekend in the Keene State Invitational Tournament, the loss put their final pre-season mark at 1-2-1.

Bowdoin scored twice in the first half, once at 11:14 on a low shot inside the penalty area, and again at 38:31 on a corner kick that deflected off the leg of goalie Rich Straff '74.

The first half was marked by a good, short-passing, positionally sound attack by Bowdoin, and generally sloppy play by MIT. Tech's attack was limited to a number of two or

three-pass drives downfield, as their short-passing attack was unable to move due to poor positioning.

The team's one serious first half opportunity came five minutes into the game when Eref Unsal '75 was tripped inside the penalty area, giving MIT a penalty kick that Shin Yoshida '76 pulled wide to the left.

In the second half, Bowdoin scored first at 57:21 on a deflected corner kick, followed by MIT's first tally by Yoshida at 73:28 on a breakaway down the right side.

This goal sparked the team's play, as their aggressiveness and passing improved somewhat over the first half. MIT missed two very close opportunities, once

on a breakaway by Yoshida down the right sideline that failed due to the sharp angle of the resulting shot, and again on a break down the left side by Unsal, when the cross on the play was too shallow to score.

Bowdoin then scored at 82:33 when their right wing attempted a high crossing pass to the left side that was deflected in by the rushing left inner.

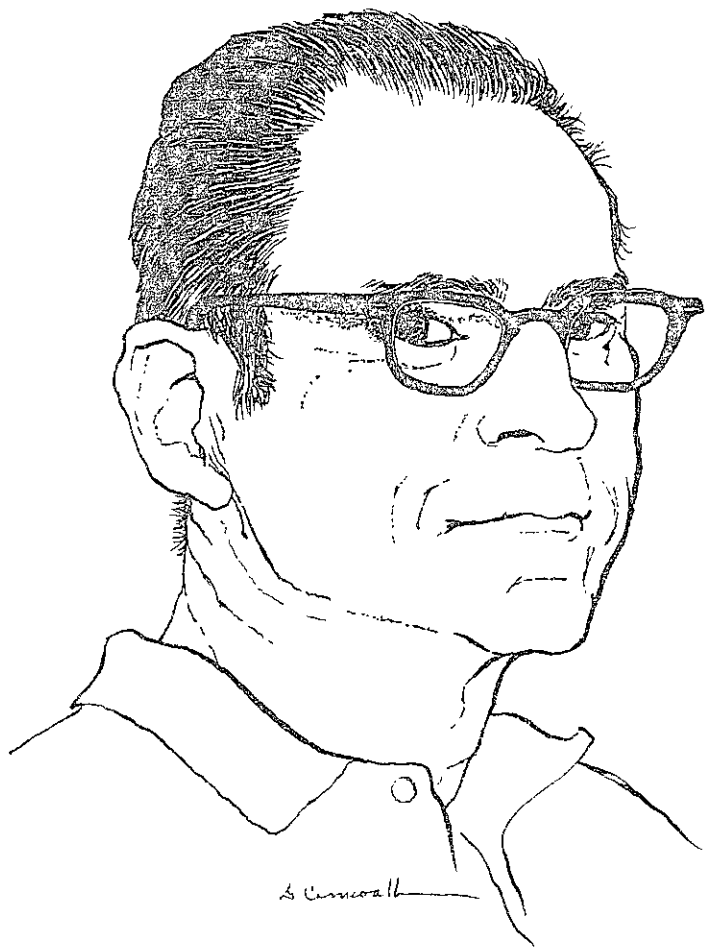
MIT concluded the scoring at 85:19 on a corner kick by Unsal.

MIT's problems Sunday were the ones that have plagued them during their entire pre-season schedule: poor positional play, sloppy passing, and only sporadic aggressiveness. While the talent this year appears in theory to form one of the better teams in recent history, the cohesion necessary to implement this seems to be missing most of the time. Hopefully, this may be attributable to the earliness of the season. At any rate, MIT will need a very strong effort against their opening regular-season opponent, last year's NCAA New England Semi-Finalist Harvard, to be played at Harvard Wednesday at 3 pm.

Last weekend MIT played in a pre-season tournament at Keene State College in Keene, N.H.

The team lost their first round game to Keene State 3-1, as Eref Unsal scored MIT's only goal in the first half.

In the consolation round MIT trounced Norwich 7-1 with five goals in the second half.



Coach's profile:

Jack Barry

Jack Barry ... varsity golf coach ... Assistant Director of Athletics ... graduate University of Michigan 1941 ... Varsity baseball coach at MIT 1959-1968 ... varsity basketball coach 1959-1972 ... Barry's basketball teams won 162, lost 122 over thirteen seasons ... named the New England College Division Basketball Coach of the Year after 1961-62 season (17-4) ... named the Eastern Collegiate Athletic Conference Division III Basketball team of the Year for the 1966-67 season (19-4) ... Assistant Athletic Director since 1968

MIT wins at Lime Rock

Bradley defeats 13 showroom stock sedans

By Mitchell Green

Lime Rock is a short 1.5 mile race track with several sweeping high speed bends which require precise smooth driving. The diving turn leading onto the main straightaway is considered one of the most challenging corners on any road course in the country.

This weekend Lime Rock was the site of a S.C.C.A. (Sports Car Club of America) regional race in which the MIT road Racing Team was entered. In a field of 14 Showroom Stock Sedans, Joel Bradley G drove his Arlington Ford Pinto to the MIT team's second consecutive win.

Saturday was cold and wet with intermittent drizzle making the track slippery. The morning was spent adjusting tire pressures to suit the changing track conditions. Bradley's qualifying time put him on the front row beside Paul Hacker's pole positioned Dodge Colt. Dave Ziegelheim '75 gridded the other MIT team Pinto

in the sixth row.

At the start of the SS Sedan race, Hacker's Colt took the lead, followed closely by Bradley's Pinto and the Opels of Marvin Grey and Paul McDonald. As the cars came into the fast downhill turn, Hacker's Colt spun to the outside, leaving Bradley's Pinto and the two Opels to fight for the lead. On the next lap, with Bradley's Pinto in the lead, and Grey's Opel running second, Grey went off course coming out of the downhill turn and brushed the guard-rail. On lap 8, McDonald, trying to catch the leading MIT Pinto, came off the main straight too-fast and went off course in the Big Bend, leaving Bradley to drive to a comfortable first place finish.

Bradley's victory pushed him into second place in the North Atlantic Road Racing Championship (NARRC), ahead of Don Sherman of Car & Driver Magazine.

By Ken Davis

The MIT tennis team enters the 1973-74 season with high hopes of improving on last year's record. The squad finished last season with an encouraging fourth place in the New England tournament, with William Young taking first in Class A singles and combining with Lee Simpson to win the Class A doubles.

This year's squad, coached by Ed Crocker, is an experienced group, with five seniors included on the roster. They are Young, who will be captain again this year, Ted Zouros, Kevin Struhl, Gerard Lum, and Wally Shjeflo. Lee Simpson '75 is also return-

ing. Paul Menig '76, up from last season's freshman team, and Jim Datesh '77 round out the squad.

MIT's first tennis match is on Monday, September 24 against Boston College. The team will enter two tournaments: the Brandeis Invitational, which Young has won three years in a row, and the ECAC Northeastern tournament. The ECAC will be held at Princeton University, and will include all of MIT's major spring opponents, including all the Ivy League schools.

"We have an improved team this year," said captain Young, "and we're looking forward to a good season."



Lambda Chi Alpha defeated Delta Tau Delta 20-0 in the opening weekend of IM football play. The Delt offense (from left to right above: Paul Robershotte '76, Dave 'Augie' Gromala '74, Tom

Rogers '77, and Rick Casler '74) was able to move the ball on the ground, but couldn't put together a sustained attack.