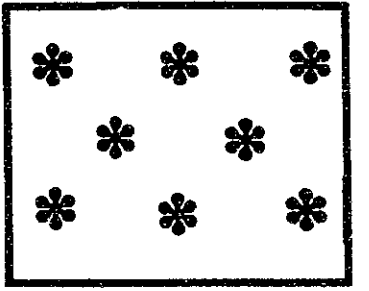


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Humanities



## Research to stop March 4

By Larry Klein

A combined student-faculty group has called on colleagues to participate in a voluntary stoppage of research activity on March 4 and to join it in an examination of the social responsibility of scientists.

This action is being taken by the Union of Concerned Scientists to protest governmental "misuses of science and technology." The main objective of the UCS is to devise means for turning research applications away from military technology towards the solution of urgent environmental and social problems.

A program of panels and speeches on March 4 will consider specific issues and try to suggest plans for further action.

### Expanding effects

The idea of a research stoppage originated with the Science Action Co-ordinating Committee, a group of MIT students concerned with issues involving the social responsibility of scientists. The Union of Concerned Scientists was then formed by a combined group of faculty members and students to expand upon the ideas of the SACC.

The growth of SACC's original plan has not stopped with the formation of MIT's UCS, however. Strike organizers

### Main building hit

## Darkness envelopes Institute as power transformer quits

By Harold Federow

About 11:20 last Wednesday, the 5th, the lights went out. For one and a half hours most of the Institute was without power of any kind, except for the emergency lighting system.

The power failure began in the basement of Building 37 when one of the transformers on the main line burned out. This tripped a circuit breaker in the Building 40 power sub-station. From there, the loss of power spread rapidly to the main building of the Institute as well as the Student Center and the new tower of McCormick Hall.

Physical plant immediately began to try to find the source of the problem. According to Phillip Stoddard, Vice-President Operations, physical plant proceeds by blocking off a section at a time, and checking it thoroughly. "When something has tripped a circuit breaker, you don't just go and turn it back on," he said.

### Computers down

Operations at the Computation Center were suspended because, according to one employee, "When the power went off, the machines didn't

here are predicting simultaneous one-day stoppages at Cornell and Yale Universities, with professors and students at other universities engaged in research for the federal government starting drives of their own to join the protest movement.

Indications of the growing magnitude of the strike movement were noted at the February 5 meeting of the American Physical Society at the New York Hilton Hotel. Some members were seen to be wearing buttons reading "March 4 - MIT."

Plans for the March 4 strike at MIT were disclosed by some of its organizers at a news conference February 5 in New York City. The news conference was called by the organizers of another protest movement known as "Scientists for Social and Political Action." This organization was formed the night before at a meeting held at the New York Hilton parallel with sessions of the American Physical Society. Of note at the meetings of the American Physical Society was the presentation of a petition signed by some 500 members of the Society, requesting the formation of a new division within the Society to discuss matters not of a purely scientific nature - like the technical merits of the ABM. The creation of such a body

would be a tradition-breaking development.

### MIT program

So far, planning for the MIT March 4 program appears to be coming along well. The UCS has already announced the appearance of a number of prominent speakers such as the two Nobel laureates: Professor Hans Bethe of Cornell University and Professor George Wald of Harvard. Professor Hans Bethe, Nobel prize-winner in physics, will speak on "the Anti-Ballistic Missile system and the strategic balance," while Professor Wald, prize-winner in Medicine, will speak on a yet unannounced "relevant" topic.

Others who will participate in the March 4 program are Senator George McGovern, speaking on "reconverting our economy from defense to domestic production;" Professor Matthew Meselson of Harvard, discussing chemical and biological warfare; and Professor Noam Chomsky, speaking on "the responsibility of the intellectual."

### Aims of strike

Following is a summary of the aims of the UCS as stated in a faculty statement signed by 47 MIT professors. These faculty members are asking their colleagues to add their signatures "in symbolic protest." The statement charged that:

"Misuse of scientific and technical knowledge presents a major threat to existence of mankind. Through its actions in Vietnam our government has shaken our confidence in its ability to make wise and humane decisions. There is also disquieting evidence of an intention to enlarge further our immense destructive capability.

"The response of the scientific community to these developments has been hopelessly fragmented. There is a small group that helps to conceive these policies, and a handful of eminent men who have tried but largely failed to stem the tide from within the government. The concerned majority has been on the sidelines and ineffective."

"We therefore call on scientists and engineers at MIT, and throughout the country, to unite for concerted action and leadership: Action against dangers already unleashed and leadership towards a more responsible exploitation of scientific knowledge.

## Commons remain compulsory

By Harold Federow

Compulsory commons will remain a reality in the foreseeable future.

While this term will see transfer privileges to 20 Chimneys and the possibility of an optional 10 meals a week plan, the central feature of being compulsory will remain.

Dean Kenneth Wadleigh, in a letter sent to those participating in the commons boycott, said that whether or not they checked the box on the Bursar's form, the financial obligation still exists unless they are excused for medical or religious reasons.

The system of compulsory commons results from two premises: (1) that the dining service should be operated on a break-even basis, and (2) that the Institute should plan to have a dining room in every house. It is financially unfeasible for commons to be voluntary under these circumstances.

These two premises come from a study made by the Committee on Student Environment in 1963. The study serves as a master plan on the development of the Institute housing system.

The study was made as a part of the

## Inscomm reviews Thursday referendum as petition wins

By Joseph Kashi

The referendum on the reorganization of student government originally scheduled for Thursday has apparently been postponed to February 20 due to a successful petition calling for a re-drafting of the proposals submitted for approval.

The petition, initiated by Steve Ehrmann, '71 president, was signed by 10% of the student body - the number required to bring it before Inscomm. As of Sunday night, the effects of the petition were unclear. UAP Maria Kivisild indicated that an unscheduled meeting of Inscomm would convene 4 pm Tuesday. Inscomm will then probably move the referendum back as there is little else that might be done if the petition is not legally deficient.

Inscomm is being asked to reconsider the wording of the proposals so that definite, detailed constitutions will be offered on the referendum rather than general concepts around which a committee would reorganize the government. As the referendum now stands, three proposals are up for consideration.

One plan, offered by TANG, calls for an undergraduate assembly that

would be open to all. A second proposal, formulated by an Inscomm committee, is basically a modification of the present Inscomm structure but would have its members elected from the living groups, the Activities Council, and the Athletic Association. In addition to these, one other proposal has been drafted: an assembly consisting of thirty members elected from the living groups with a student ombudsman elected from the student body at large.

A committee, as of yet unnamed, would then write a constitution around the winning proposal. If the detailed constitution failed ratification by the student body, the government would revert to the present Inscomm structure.

Both Maria Kivisild and Dick Evans, who collaborated with her on another proposal, consider all three proposals unworkable and defeating their primary purposes of opening channels of communication between all groups on campus and encouraging students to become more involved. To correct this, they have introduced a petition calling for a referendum to put a fourth proposal on the ballot.

## Engineers dig Great Court

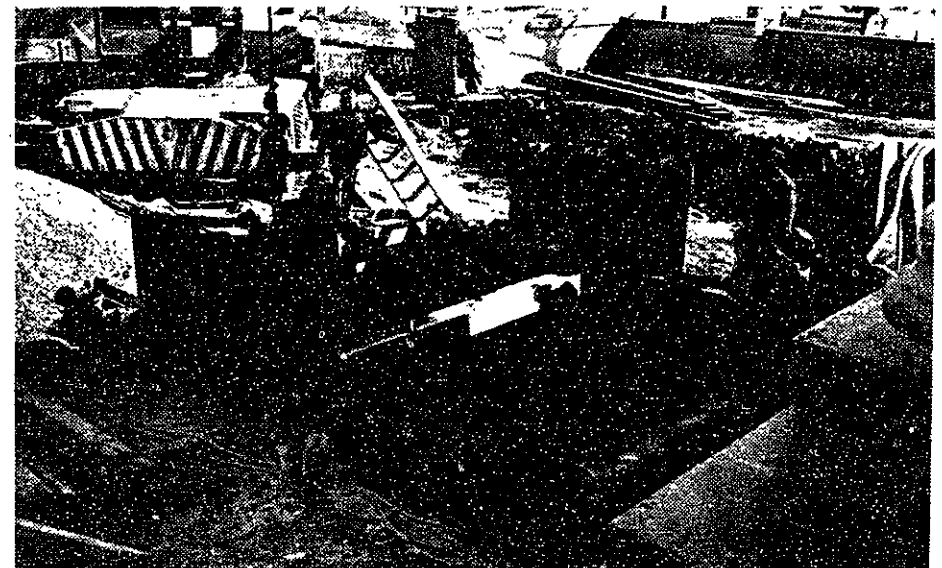


Photo by George Flynn

Buried treasure is apparently not the object of intensive digging by Building 1 in the Great Court. According to the Superintendent's Office, the workers are installing floating trash gates. A floating trash gate is supposed to collect floating trash, which, in this case, comes from the Charles through a buried pipe to Building 13.



Photo by George Flynn

A small amount of sunlight and the emergency lights in the Lobby Shop are all that are functioning during the power failure last week. The blackout lasted an hour and a half.

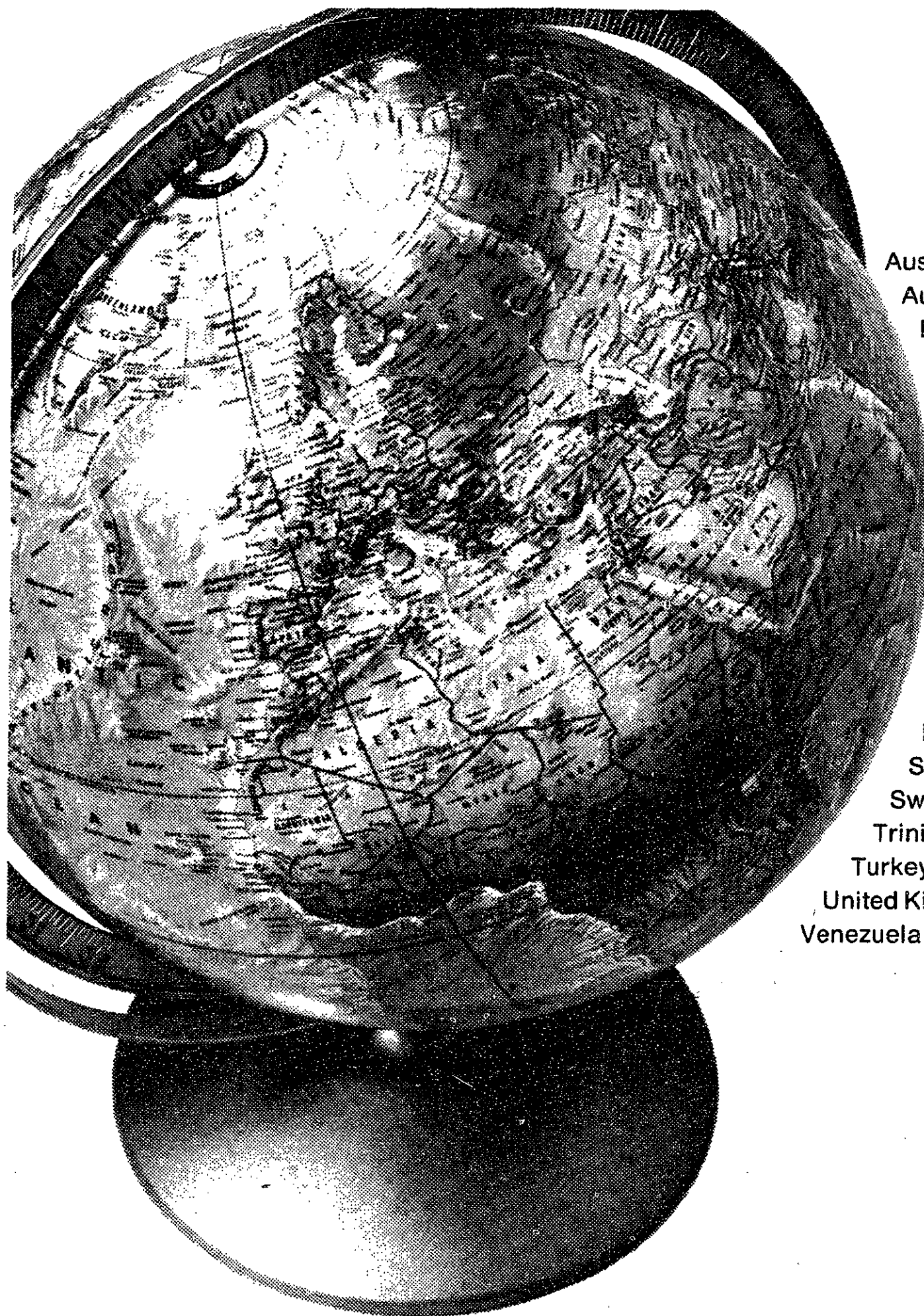
### Policy decided

The responsibility for policy decisions belongs to Dean Wadleigh. Wadleigh, in a recent interview, said that present policies are extrapolations of the conclusions of the CSE study.

There has been a special effort made to avoid impressing one solution upon all residences as at Harvard. This effort resulted in those dormitories not having their own dining halls being allowed optional commons.

Wadleigh said that the Institute tries to make commons as acceptable as possible to everyone. There are commons committees in every dorm. The

Bishoff was asked about the idea of having one or two large dining halls where commons could be voluntary



- Australia
- Austria
- Bahamas
- Belgium
- Denmark
- Finland
- France
- Germany
- Iran
- Italy
- Jamaica
- Japan
- Mexico
- Netherlands
- Portugal
- South Africa
- Switzerland
- Trinidad
- Turkey
- United Kingdom
- Venezuela

## If your home country is listed here and you're going back after graduation, IBM would like to talk with you February 24th, 25th.

IBM's World Trade Corporation has immediate openings for citizens of these countries in two career areas: Marketing and Computer Applications.

We're looking for bright, ambitious graduates to fill these positions. If you're getting a degree and want to return to your home country, we'd like to talk with you.

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### What to do next

Sound interesting? Then sign up for an interview at your placement office even if you're headed for graduate school.

If you can't arrange a campus interview, send an outline of your interests and educational background to R. K. Empie, IBM World Trade Corporation, 821 United Nations Plaza, New York, New York 10017.

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# Announcements.

\* Students interested in going abroad for their junior year of study should promptly contact the Foreign Study advisor, Professor H. L. Hazen, Room 5-104, X6776, for information. It is important that the necessary plans be made now, particularly about registering for the appropriate foreign language this term. Professor Hazen will explore the possibilities of study abroad with any freshman or sophomore who might be interested.

\* Effective with the beginning of the second term, February 10, the following changes will be made in library hours: Rotch Library will be open on Saturdays from 10 am to 6 pm, and Lindgren Library will be open on Sundays, from 1 pm to 11 pm. The changes do not apply to between term hours or spring vacation hours.

\* Undergraduates interested in a course major in Social Inquiry to begin 1969-70 are requested to sign the information list on Allen Graubard's door, 14N-338, by the end of February. A meeting to be held late in March is being planned for those interested.

\* Course 21.096 will meet briefly on Thursday, February 13, at 7 pm, in 14E-303, to set time for class meetings for the spring term.

\* All undergraduates interested in participating in the March 4 protest against the misuse of scientific and technological knowledge are invited to meet in the 3rd floor mezzanine lounge, Student Center, Wed. February 12 at 4 pm. Contact Eric Newman, X2833, for further information.

\* A second section of 21.968, "Seminar in Urban Education," is being set up in conjunction with the La Opportunaid tutoring program. The seminar would require either two nights a week of tutoring or work in a South End school. For further information, contact Ellen Fleischnick, dl 0947.

\* Any freshman interested in working on the Committee to Evaluate Freshman Performance should submit a letter of application to Peter Buttner (7-133) explaining why he can contribute to the evaluation of the pass-fail experiment in the next three and a half years. For further details, contact: Peter Buttner, X6771, Peter Harris, X2696, or George Katsiaticas, X3616.

\* Newsreel films of Eldridge Cleaver at Berkeley, Black Panthers, police, and two others will be shown Wednesday, February 12, at 8pm, in Room 10-250. The affair is sponsored by MIT Resistance.

\* All students interested in either section of the course 21.102, the Writing of Fiction, should attend the first meeting on Wednesday, February 12, at 3pm in room 14E-303.



## a Particular Place For Particular Skiers...

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All you need is an EE, ME or Physics degree and talent.



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You may select specialized jobs, or broad systems-type jobs. Or you can choose not to change assignments if you'd rather develop in-depth skills in one area.

Either way, we think you'll like the Hughes approach.

It means you'll become more versatile in a shorter time.

(And your salary will show it.)

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## CAMPUS INTERVIEWS: February 12 & 13, 1969

Representatives of several activities of Hughes Aircraft Company (each with highly-specialized personnel requirements and separate interview schedules) will visit your campus. If your career interests lie in one or more of the following fields of aerospace/electronics, contact your Placement Office TODAY to make sure your name gets on the interviewing schedule for HUGHES AEROSPACE DIVISIONS:

- Microwave & Antenna Engineering
- Guidance & Controls Engineering
- Spacecraft Design Engineering
- Components & Materials Engineering
- Weapon Systems Engineering

- Electro-Optical Engineering
- Microcircuit Engineering
- Space Systems Engineering
- Missile Systems Engineering
- Circuit Design Engineering

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## Boycott broken; concessions made to dorm students

(continued from page 1)

unlimited seconds program was originated by Wadleigh and was initially paid for out of his budget.

Wadleigh did agree, however, that the quality of service and the response to student complaints have fallen off recently. He feels that complaints about quality and service are legitimate, but fears that these complaints are getting mixed up with the arguments about voluntary versus non-voluntary commons.

One of Wadleigh's main arguments against voluntary commons is that if a person does not want commons, he can change to a dorm in which commons is not compulsory. It was then pointed out that (except for freshmen) no choice is allowed in dorm choice—one receives an assignment about which there is little that can be done. Also, most dorms are quite overcrowded, and moving between dorms is practically impossible.

Wadleigh was also upset by the fact that the boycotters chose confrontation, as opposed to going through channels. He feels that this works against an atmosphere of mutual discussion to reach a common solution. He did not want to commit himself to any one course of action, preferring instead to "keep his options open." He did emphasize the fact that unless excused for medical or religious reasons, a financial burden exists for the resident on one of the affected houses, whether or not he checked the box on the Bursar's form.

The boycotters, who at one time numbered about 100, are in a state of uncertainty regarding future courses of action. Bob Schaeffer '69, an originator of the boycott, has indicated that many people are signing up for commons. He cited a fear of reaching the end of the term and having to pay the \$250 commons fees, as well as having paid for food during the term. He also felt that it was almost futile to continue. This is because "all the power positions are on his [Wadleigh's] side." There are no levers or pressure that can be seen to bring to bear on the problem.

Graduate students to work part time performing technical writing and typing for Service Technology Corp. in Central Square in Cambridge. Call Peter Price at 868-7961.

# Volume 89, Number 1



Vol. LXXXIX, No. 1

February 11, 1969

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This is Volume 89 of *The Tech*, Number One. We hope that the change in format you see on our front page reflects our intentions for the coming year. As the official undergraduate newspaper at MIT, we hope to bring you, our readers, all the news possible, on those events which affect our community. News presented, we sincerely hope, "without fear or favor."

We will try too, on this page, to comment responsibly, accurately, and constructively, on those events we report elsewhere. Aware what power the press has even here, we plan no violent exposes. But when we see something that needs comment, we will speak out. We hope we will be heard.

We know only too well that there are many ways in which we might serve our community better. If

## Probation

Most people registered normally yesterday. But some people did more than just meet with their advisors for a few minutes before they registered—they talked (most of them) long and hard with Deans and parents. They are on probation for the second term of this year. Some others didn't register at all. After a term or two of probation, they flunked out.

At the Institute, probation comes when a student's marks make it unlikely that he can successfully complete his course of study here. The action is accompanied by a letter to his parents, and a booklet. In it, each individual is urged to take advantage of all the facilities MIT has available—psychiatric, religious, and so forth—to help his academic problem. He is told what probation has meant in the past, and he is warned what it might mean for him.

Most often, a probation student has a "motivation problem"—a case of sophomoreitis which can hit in any year. A problem which can be helped with good counseling, but which often isn't.

We agree that it is impossible to help anyone who doesn't want to be helped. But merely making services available, and awaiting a response is not enough. Any student on probation is extremely sensitive about his failure. Probably, 90% of the members of his living group, dormitory or fraternity, don't know he has a problem, and so they can't help him.

We would like to suggest that the Dean's office and the Medical Dept. should be more active in their counseling efforts. If a student on probation has not come forward within the first five or six weeks of the term, he should be contacted *again*, and asked to come in. If he wants help, the invitation may give him the courage he needs to ask for it. If he doesn't want it, the fact will be apparent as the interview progresses. In any case the student on probation will be reminded of his problem during the term. He won't be able to put things off, unless he wants to. Maybe he can regain the motivation he needs during the term, instead of just drifting. Maybe he won't flunk out.

# Letters to The Tech

## Freedom of the Press

To the Editor:

The free issues of *The Tech* are a good idea. Your next step is to see that it gets onto the desk of every faculty member and administrator, and to all the living groups.

At the same time, more space should be devoted to upcoming events, both on- and off-campus, as BAD misses quite a lot.

With these two changes, people will become interested enough in *The Tech* that it can become a real avenue of communication two ways.

Mike Cohen '72  
SAM

but a publication which is distributed free cannot mail at low second-class rates. If we had to pay the higher mailing rates, we could not survive.

As you probably do not know, any faculty member can obtain a subscription (through Institute mail) to *The Tech* at no charge to himself. The Institute pays us to provide this service to the faculty.

We would like very much to be able to distribute *The Tech* to the various living groups, but we have not been able to find an economically viable system for doing so. If you can design such a system, we would be very grateful if you would suggest it.

-Ed.

## The Hack of the Century

To the Editor:

Mr. Peter Büttner's plan for a closed circuit TV system reaching every student's room (*The Tech* Jan. 14) is typical of the thinking of 'Tute people both in and—shudder—outside of MIT. Implementing the idea would be expen-

sive and hackish. And it would fail. It would not solve MIT's communication problem.

The reason technological hacks have failed to win the war in Vietnam is that they are aimed at the surface rather than the substance of the problem. In this sense, Mr. Büttner is operating in a grand tradition. The "communications problem" at MIT is simply one aspect of the more general problem of finding enough time—enough time to do more than merely survive the insane pressures of MIT.

What MIT needs is not a CCTV system but an end to the anachronistic four-year plan which turns some into cog wheels for the industrial machine and starts others on a trek to the third degree. There is no reason why we cannot rid ourselves of this relic—no reason except the lethargy and poor judgement of Tech tools who prefer hacking with autoerotic technical projects rather than solving real problems.

William D. Spies  
Project MAC

you, our readers, have other suggestions, tell us. We have some innovations planned, and within the very real limits set on us by finances, space, and staff, we will experiment with others.

Look again at our front page. We think you will see a newspaper there. Throughout the coming year, that is what we intend to be. A newspaper.

## Pass-Fail

Freshmen are registering today, beginning the second term of the Pass-Fail experiment. The end of the first term of this experiment brings several questions to mind. In evaluating the results of the first term, will the Committee on the Evaluation of Freshman Performance consult *all* the groups who have a stake in the experiment? And, will they attempt to use what they learn to change the mechanics of the program?

On the first point, it is clear that the Freshmen themselves and their instructors are far from the only people who are or will be influenced by its results. Obviously, the whole academic structure of the Institute, i.e. all the courses where grades are given are affected, as well as the Administration, and all the facilities of MIT set up to deal with problems brought on by grades.

It is our feeling that the experiment is now, and will continue to affect other groups probably not included in current feedback plans. In living groups, for instance, will any attempt be made to see if this class learned the "study habits" of previous years. The whole issue of learning how to study, of learning how to learn, goes far beyond the classroom itself. Will the CEFP try to pin down these effects, if they can be pinned down?

And, can or will any changes be made in the program. Almost no one was satisfied with the Performance Evaluation sheets used this time—most thought they failed to give the student enough feedback on his progress, or to warn him that his performance in his work was inadequate. Will the second term see a change? Perhaps the frequency at which the sheets are handed out should be changed, or the nature of the form itself. Perhaps, as has been suggested, both student and teacher merely need "practice" in this form of communication. Will any attempt be made to find out whether this is so, and can we make that test by merely continuing on for another term with poor feedback? Any student here who goes for two terms in the dark may not be here by the time a third one ends.

We must admit, we are not members of the CEFP or the FAC. If we were, our suggestions here would be unnecessary. We wish it known, however, that all the efforts to obtain information on the effects of the Pass-fail experiment should stress breadth of contribution. And we hope that the results obtained from this information can be quickly applied to improving the program, rather than leaving it unchanged for the sake of objectivity or scientific accuracy. For the Pass-Fail experiment is not like a normal, laboratory set-up. With Pass-Fail, we are trying to help people, too.

## Footnotes\*

By Karen Wattel

Footnotes for Volume 88 reached an all-time low of 60. With a new term, a new Board, a newly established features department, and a new Mistress of Footnotes, a new view of our up-and-coming University will be presented in this column.

1. Peter Q. Harris, chairman of SCEP lost a bet to Assistant to the President, Mr. Simonides. At stake were an autographed picture of UAP Maria Kivisild against an autographed picture of President Howard Johnson. The bet itself remains a secret.

2. Students of Caltech and MIT are again invited to compete against each other, this time to build a "Kissolator". The "Pleezed to Meetcha Company" of California, sponsor of the contest, sees such an invention as "one of the pitifully few scientific devices that could be used to bring people together in a spirit of warmth and friendship" and intends to make some sort of social history by using it at its first "People Meet".

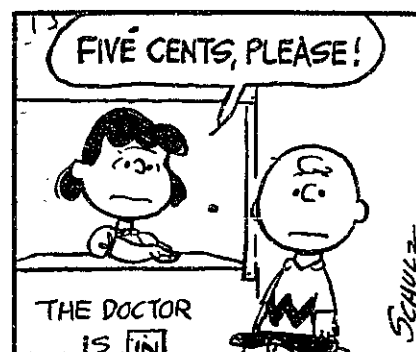
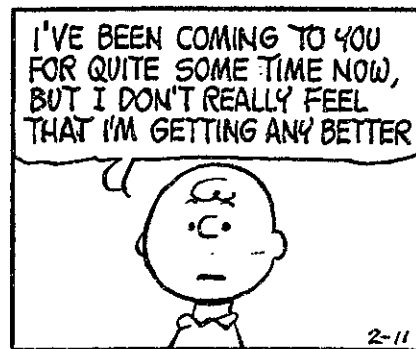
3. Rumor has it that already plans are being set up to follow McGregor with a superdorm to house 1000, also on the West Campus.

4. Called on the evening of the snow-storm before registration, President Howard Johnson concurred with lucky students who were at school or managed somehow to make it to school, in wishing that the Institute be closed under snow Monday. We always knew that the President understood us and was on our side.

5. More musical rooms occurred over intercession as the Outing Club moved into the APO office, APO moved into the small activities office, and the small activities were shunted (as small things tend to be) into the Outing Club office, losing several desks (to the offices of one of the campus publications) and several phones (to one of the campus hackers).

6. Finger prints on the glass revolving doors into Ashdown House will continue to add to their decor until "sooner or later" when doorhandles may be installed. They were forgotten in the original architect's plans.

7. One of the Physical Plant men who watches over the fourth floor of the Student Center reports a series of floods in the Student Art Center dark-rooms. (And then there's the Charles River. Wonder what our students could do with that?)



Dear Mr. Cohen:

We are pleased to learn from you and from other writers that the free issues of *The Tech* were appreciated. Unfortunately the free circulation cannot be continued.

The loss in revenue from the news stands would be financially bearable,

# thoughts on the new hayden gallery ...!

Ed. Note: The show described is presented under the supervision of Professor Stanford Anderson and was assembled in Hayden Gallery by students working under his supervision.

By Charles Mann

An exhibit, a show, a structure, an answer to the question of form in architecture? No, a question, a question mark of flashing slides and girders. The eye traces right angles that break into lines leading everywhere in an orderly and haphazard fashion. The broken rhythm of the girders is set against a background of the steady beat of rock music. The speed with which the images appear and vanish makes the mind concentrate and the eye grasp at a glance. At every turn the meaning of and the language of

structure cry out. geometry hidden in utility is revealed.

The cold cubic box of Hayden Gallery is transformed from floor and walls into a space and a place above and below all around the viewer. No, viewer is too loose a term. Participant would be better, the mind is challenged to respond to image and view. The sight of buildings, streets, a tank farm, sculpture, a painting is splashed against a dozen screens and scattered over time. A sylvan countryside clashes against the hard metal of a factory. Is the shape of trees to be preferred?

A student stands transfixed by slices of reality. The slices taken together form the loaf of architecture.

The tools of the builder are scattered beneath the flashing impression of finished building. All the places that live around us and that we live in are captured for an instant.

Mind floats

The view is held up by the solid structure of fiberglass and wood and suspended by the transfixion of his eyes by a screen, a tilted surface, in space. Getting away from the cold and solid floors frees the mind to float in the purity of line and angle. In the sparse clean setting the geometry of the architecture that is projected, pictured and modeled becomes apparent and a delight to the eye. Color becomes a fourth dimension that clarifies and adds meaning.



Photo by Owen Franken  
Ellen Cheng '71 and Grethe Holby '71, architecture students who helped construct the Hayden exhibit, watch as Stephen Tilly, a graduate student, works.

## OUR 12th ANNUAL made-to-measure suit sale

**SUITS** (coat and trousers) **\$125** reg. \$160-\$180

Here is a chance to save on suits and sportcoats tailored to make you look your best.

Your suit will be made to your precise measurements in the style and fabric you select. The choice is wide: quality imported worsteds, cheviots, flannels, lightweight Dacron® polyester and wool blends. Spring, summer and winter weight fabrics available.

**SPORTCOATS \$85** reg. \$95-\$115

Fill in your wardrobe with the right sportcoat in your true size. Handsomely tailored in tweed or shetland.

You can be sure of impeccable fit and a look that is yours alone because our master tailors see to it. Joseph Luongo and Pat Fiandaca will wield the tapes at Harvard Square and Frank Tamits will be at the M.I.T. Student Center. Sale begins February 1.

Select suitings..  
be measured at  
Tech Coop or  
Harvard Square



The Collegiate  
Department Store

## Credit dropped

### Harvard faculty denies ROTC academic position in university

By Larry Klein

The Harvard faculty voted Tuesday to withdraw academic credit from all ROTC courses at Harvard.

The action brought an end to the controversy between administration, faculty, and student activist groups that had demanded the end of ROTC.

By a vote of 207-125 the Faculty approved a proposal backed by the Student Faculty Advisory Committee (SFAC) calling for the end of ROTC's academic credit, Corporation appointments, and free use of Harvard buildings.

Earlier, the Faculty soundly defeated an SDS-backed motion to expel ROTC from campus. Another proposal, which would allow ROTC courses to reapply for credit individually through various Harvard departments, also lost.

The proposal accepted by the Harvard Faculty was passed by the University's SFAC last December. It called for four main steps to rid ROTC of its academic status: withholding academic credit from all ROTC courses, ending Harvard Corporation appointments for ROTC instructors, removing from the general Harvard catalogue ROTC course descriptions, and terminating ROTC's rent-free use of Harvard buildings, and replacing lost ROTC scholarships with Harvard scholarship funds.

Nine invited students attended the Faculty meeting at which academic credit was withdrawn from ROTC courses. This made the meeting the first "open" faculty meeting in

Harvard's long history. Only one of the students, however, actually spoke during the affair.

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### Men, machines fight snowy winds

By Vicki Haliburton

In spite of the general consensus on Physical Plant's efficiency, especially in taking care of the lighting in the Institute's buildings, our dedicated groundskeepers have the sidewalks well-cleared—from nine to five at least.

Also contrary to popular opinion, Physical Plant men are human. All those interviewed (although they implied that the interviewer was a little crazy) were very helpful and polite.

Snow clearance at the Institute is more of an emergency affair than an everyday routine. When a heavy snowfall begins, nearly the entire grounds-keeping staff mobilizes, using every sort of equipment from small bulldozers to hand shovels. Everyone pitches in—"even the boss," says one of the dedicated shovelers. The job isn't very difficult, apparently; another worker says that "the machines do most of the work," and men rotate jobs to avoid tiredness and boredom.



Photo by Vicki Haliburton  
Snowplow

Training doesn't seem to be much of a problem either; although learning to operate the snowplows may take some time, most of the men have been working with Physical Plant for several years, and consider snow removal "just part of the job."

However, working conditions may leave something to be desired. One man mentioned that he found it pleasant to be outdoors earlier in the morning, he was beginning to get uncomfortable.

In spite of the difficulties and discomforts involved, many of our Physical Plant men work late into the night clearing the Institute's walks of snow

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movie...

# Toronto students' film breaks ground

By Robert Fourer

Movies about college students are rare indeed; ones about colleges themselves as well are almost unheard of. Despite the rising concern on all sides with on-campus happenings, many of the best accounts of young people concern those who don't go to school at all (*Georgy Girl, Closely Watched Trains*). Even when the main characters are students, the story almost never takes place while they're in school (*The Graduate, La Chinoise*). Why has no recent movie even attempted to show how intense the artificial pressure to succeed can become, how great the frustration is of being helplessly pushed into unrewarding work, or how confining a physical and social arrangement one must endure? After all, most of the world's brightest youths have to undergo such ordeals for four years or more. College life is not an uninteresting topic—and there's an enthusiastic built-in audience.

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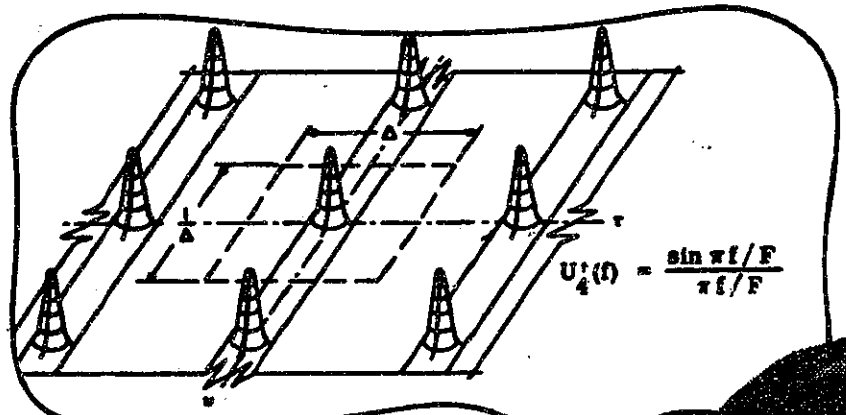
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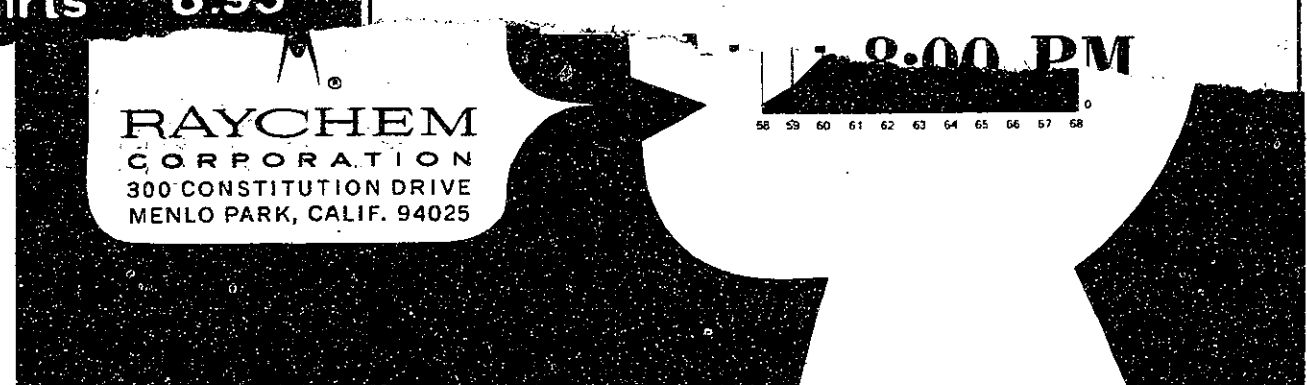
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## Credit dropped

# Harvard faculty denies ROTC academic position in university

By Larry Klein

The Harvard faculty voted Tuesday to withdraw academic credit from all ROTC courses at Harvard.

The action brought an end to the controversy between administration, faculty, and student activist groups that had demanded the end of ROTC.

By a vote of 207-125 the Faculty approved a proposal backed by the Student Faculty Advisory Committee (SFAC) calling for the end of ROTC's academic credit, Corporation appointments, and free use of Harvard buildings.

Earlier, the Faculty soundly defeated an SDS-backed motion to expel ROTC from campus. Another proposal, which would allow ROTC courses to reapply for credit individually through various Harvard departments, also lost.

The proposal accepted by the Harvard Faculty was passed by the University's SFAC last December. It called for four main steps to rid ROTC of its academic status: withholding academic credit from all ROTC courses, ending Harvard Corporation appointments for ROTC instructors, removing from the general Harvard catalogue ROTC course descriptions, and terminating ROTC's rent-free use of Harvard buildings, and replacing lost ROTC scholarships with Harvard scholarship funds.

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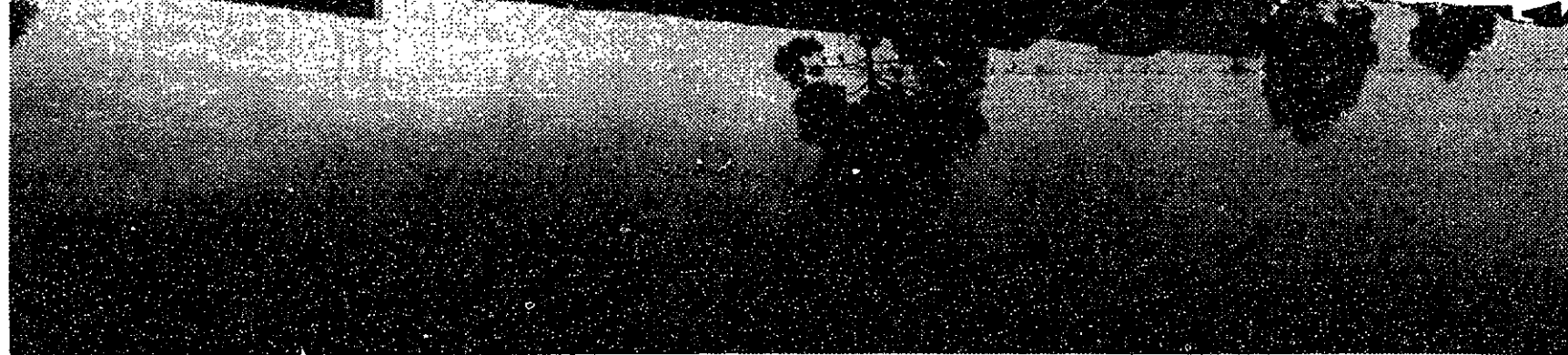
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In spite of the general consensus on Physical Plant...



## From your campus to ours...

Last year more than 100 graduates came to our campus at TRW Space Park in Redondo Beach, or to our Houston or Washington, D.C. operations. Of the more than 16,000 men and women in TRW Systems Group, over 7000 are college graduates. Their major fields of interest are as varied as your own: Engineering, Behavioral Sciences, Physical Sciences, Computer Sciences, Life Sciences, Management Sciences, and the Humanities.

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movie...

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The heart of almost any movie is the plot, however, and in this respect *Winter Kept Us Warm* is not so special. A somewhat bewildered freshman is befriended by a generous BMOC, and the two become good friends. Eventually the freshman begins to gain his maturity, and the BMOC to re-examine his; they drift apart. Nothing of the particular effects of the university on the growth of young people figures in these events. With unimportant modifications the events could have been shifted into many other situations; the insight into the particular surroundings is minimal. The plot itself is handled intelligently,

although the writing could be better. The last few scenes are particularly effective.

What the film does point out is this: to make a film about living at college is easier if the writer or director (or both) has done so himself. Better still, he should make his movie after he has left. To see his subject in better perspective. Until recently there was no way to study film-making and still stay in college. A young director went out and learned the trade by working, and artists who stayed in school learned something else. Only in the last few years have formal courses in film production sprung up in such profusion (there's even one here at MIT this term) and with them projects like

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Campus Interviews February 12



Where ideas unlock the future

**Lose to Springfield**

# Swimmers down Trinity, 55-39

By Ron Cline

The varsity swimmers bounced back from a pre-intersession loss to Springfield with a resounding 55-39 victory over the Trinity Bantams Saturday. The outcome was never in doubt, and Coach Charles Batterman shifted event rosters freely.

The engineers started the home meet off with a victory in the 400 medley relay, with Co-captain Luis Clare '69, Dave Lawrence '71, Jim Bronfenbrenner '70 and Tim Gilmore '70 bringing in the honors.

**One, two in 200**

Tech doubled up on the next event, the 200 free, as Larry Markel '71 touched out teammate Dave James '71 to win in two minutes flat. Bill Stage '69 and Don Riley '70 followed with second and third places respectively in the 50 free. Art Rozales '69 chipped in for third place in the IM.

The engineers' powerful diving duo, Bob Rorschach '70 and Dan Gentry '68, took a rest from this meet, letting Jesse Heines '70 demonstrate his own skill for another Tech victory.

Al Graham '71 claimed first place in the butterfly with a 2:19.5 clocking, while Markel added a third. Co-captain Lee Dille '69 then sprinted to a 60.4 first place finish in the 100 free, supported in third place by James. Clare and Gilmore teamed up for first and second in the backstroke with a winning time of 2:15 putting victory for Trinity almost out of reach.

The outstanding engineer performance of the meet was senior Jim Lynch's 5:40.3 first place clocking in the 500, 20 seconds better than his previous best time. Riley added one more point to the MIT total with a third.

Lawrence and Bronfenbrenner

added a second and third respectively in the breaststroke, and a modified 400 relay team lost to the Bantams to close the meet.

**Springfield**

Tech's ubiquitous nemesis, Springfield, again played havoc in the closing moments of last term. Rorschach provided the only win for MIT in capturing both the one and three meter boards. There were still noteworthy individual performances, though, including Nesbitt's 2:26.3 effort in the breaststroke, his best time and 0.3 seconds off the MIT record. Many close touch-outs were lost by Tech, and Springfield ended up sweeping the meet 67-37.

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Richard P. Kapp  
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Election of MITAA President and Secretary will be held a week from today, February 18, at 7:30 pm, in the Varsity Club Lounge. Nominations will be accepted in the AA Office prior to the meeting and at the meeting itself.

**Harvard triumphs in GBCAA meet; Tech places fifth**

The powerful Harvard thinclads ran their winning streak in the Greater Boston Track meet to six straight last weekend. The totals were Harvard 84½, Northeastern 39, BC 32½, Tufts 23, MIT 10, and Brandeis 2. Last year MIT had taken fourth.

Harvard's new inflatable bubble contributed to the excellent conditions for the meet. This was born out by the establishment of 10 new records in the 11 events. The high jump was the only event without a new record.

The most exciting race of the meet was the two mile run. Harvard's Dick Hardin tripped on the steep bank during the first lap and rolled onto the infield. By the time he got back onto the track Tech's Ben Wilson '70 had a 25 yard lead. Hardin gained slowly throughout the race until he put on a tremendous kick for the last lap and a half passing Wilson and winning in a record time of 8:56. Wilson captured second with a time of 9:01.

MIT picked up the rest of its points with two fourths and two fifths. Dick Brooks '70 had one of the fourths when he cleared 12' 6" in the pole vault. The event was won with a record vault of 14' 6". Bill McLeod '69 had the other fourth on the strength of a 21' 11¼" leap.

The last couple of points came on fifth place finishes by Larry Kelly '70 in the 440 yard run and by the mile relay team. The relay team's time was 3:31.1.

Harvard dominated the meet as they won six of the eleven events with new records in five. Harvard sophomore Ed Nosal won the "most outstanding" award for his record breaking performance on the 35 pound weight, the only event held in Rockwell Cage. His winning distance was 62' 2".

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# Skaters capture MIT tourney

By Pete Peckarsky  
MIT's varsity hockey team emerged victorious from the seventh annual MIT hockey round-robin tournament held Thursday, Friday, and Saturday at the MIT outdoor hockey rink. The teams participating in the tourney, in addition to the engineers, were Nichols, Worcester Polytechnical Institute, and Wesleyan. The final standings were:

MIT (3-0), Nichols (2-1), WPI (1-2), Wesleyan (0-3).  
The festivities began at 7 pm Thursday night with MIT facing off against Nichols. Bill Barber '71 opened the scoring with two quick unassisted markers for MIT. Nichols countered with two of their own and the period ended with the score knotted. The phenomenal second line continued

with Barber claiming his hat trick after taking a pass from Mike Talalay '69 and propelling the puck past the Nichols goaltender. Talalay, who was slowed down by a painful pulled leg muscle, kept the pressure on with assists going to Barber and Maris Sulcs '69. Sulcs held up his share of the bargain by scoring unassisted, going into the wind, what proved to be the winning goal. Maris was visibly slowed down by the effects of the exam week layoff and a pulled arm muscle which took most of the steam out of his forehand shot.

The second period ended with the scoreboard reading 5-2. Nichols opened the third period with two quick markers. Scott Rhodes '69, team captain, scored an unassisted goal immediately thereafter. Tom Stewart '69 carried on the tradition by powering in a wrist shot from the blue line after receiving a pass from Rich Pinnock '69. Mike



Photo by Gary DeBardi

Mike Neschleba '69 dumps the puck towards the goal in Friday's game as Bill Cadogan '69 (18) prepares to back him up and Maris Sulcs '69 (11) heads toward the bench.

Neschleba '69 finished off the scoring on a shot from quite close in to end the game with the score MIT 8, Nichols 4.

On Friday night, the MIT skaters had a field day in winning 10-3 over WPI. Bill Cadogan '69 scored his own hat trick after opening the scoring with

two goals and chalking up a third later. The score was 6-0 before WPI managed to pierce the stalwart MIT defense manned by Rich Pinnock, Mike Bruce-Lockhart, Tom Stewart, and Gary Gibian. Bill Barber netted two and Mike Neschleba lit the lamp twice. Sulcs and Marc Weinberg '71, on an assist from Andy Jarrell '71, each tallied once, as did Talalay. The third line of Weinberg, Jarrell, and Bill Stensrud '71, and the fourth line of John Drobak '69, Fred Campling '70, and Gerry Bunce '71 played most of the third period on Friday night.

On Saturday evening, Cadogan again opened the scoring with help from Stewart and Rhodes. Wesleyan countered with their only marker of the evening. Talalay tallied with assists going to his line-mates Sulcs and Barber. Barber scalped the goalie for the third goal of the evening with assists going to Sulcs and Talalay. Bruce-Lockhart, who has been doing a fine job on defense, scored on a power play after taking a pass from Rhodes. Neschleba wrapped it up with the fifth goal for the engineers.

## Brooklyn College breaks 12-12 tie to top fencers, 15-12

By Don Arkin

In the most exciting fencing meet of the year, MIT pulled into a 12-12 tie, only to see Brooklyn College win the last three matches dropping the engineers to a 15-12 defeat.

The foilists put up the best fight for MIT, winning their division 8-1. Captain Bob Gentala '69 won all three of his matches to lead the team. Bob Markey was excellent in support as he also won all three of his matches. Pat Tam '71 suffered the only defeat in the foil for the engineers, but he made up for it with two wins.

The sabre team also did well although they came out on the short end of the score, 5-4. Dave Rapoport '70 was one of Tech's big winners in the sabre as he was victorious twice while losing one. Walter Miller '71 was the other successful sabreur as he also won two and lost one. Jon Sachs '71 lost his only two matches and then was substituted for by Peter Hwang '71. But Peter was unable to do any better as he also lost his match.

Epee loses 9-0

The usually strong epee squad was given a rude jolt by the extremely well prepared squad of Brooklyn. In fact four Tech epeeists were unable to win one match as Brooklyn swept the division 9-0. Pat Boyd '71 lost all three of his matches. Al Mecklenburg '71 lost two matches and then was substituted for by George Goddard '70 who lost his one match.

The results of this meet continued a string of close decisions between the two teams. Last year MIT won, but by an even closer score of 14-13. MIT has won three and lost two to Brooklyn College since they first met in 1961.

Results should improve

The next fencing meet will be this Saturday against Holy Cross. The engineers are expected to win this match. Their season's record is now 2-6, but the last part of their schedule is much easier than the first and final record of the team should approximate last year's record of 5-6. Furthermore, the team could do fairly well in the New England's if the epee team can bounce back from the pounding they absorbed from Brooklyn.

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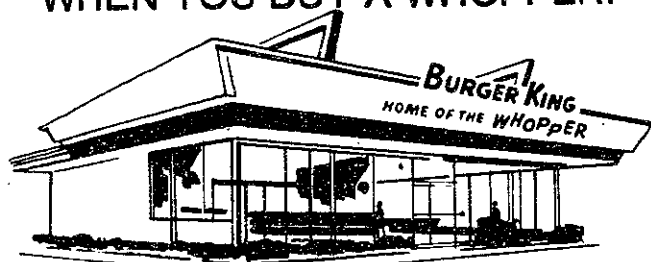
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# Wrestlers slaughter four more

The varsity wrestlers put four more victories under their belt over term break and upped their season dual meet record to 10-1. The engineers clobbered Boston College 42-5 in a match last Wednesday, and hosted Central Connecticut College, Merchant Marine Academy and Wesleyan Friday and Saturday in the annual MIT Quadrangular, soundly defeating the three

teams 32-11, 34-5, and 44-2 respectively. As usual, Fred Andree '70 led the Tech attack in the Quadrangular with three second period pins. Andree now has 35 straight wins in dual meets in his college career. Joe Baron '70 (123) got a forfeit from CC and added two pins of his own—one in the first period, one in the second. Dean Whalen '70 (167)

got two pins and decided his CC opponent 6-1. Gregg Erickson '69 (130) varied his undefeated ways with a CC forfeit, a Kings Point decision, and a second period pin over his Wesleyan opponent.

Norm Hawkins '69 (152), undefeated in dual matches this season, decided all three of his opponents; and Bruce Davies '71 (191) added the final perfect performance, also with three decisions. One of Davies' opponents, Wesleyan's Carter, placed second in the New England last year in the unlimited class (behind Andree) and dropped down to 191 this year to try and better his chances—a credit to Davies' 4-0 performance.

Rick Willoughby '70 (160) wrestled his way to two decisions and a tough 0-0 tie. One of the wins was a 5-1 count over CC's Dietrich, freshman NE champion last year.

Ted Mita '71 (115) took a forfeit from Wesleyan, decided his Kings Point opponent, and got caught in a first period cradle by his CC opponent. Mike Sherrard '71 (137) won two decisions and lost one.

Jack Maxham '69 (145) decided his Wesleyan and Kings Point opponents, but lost to CC's Marchetty, who last year was New England's Most Valuable Wrestler, in a 9-2 decision. Maxham was the only one Marchetty didn't pin.

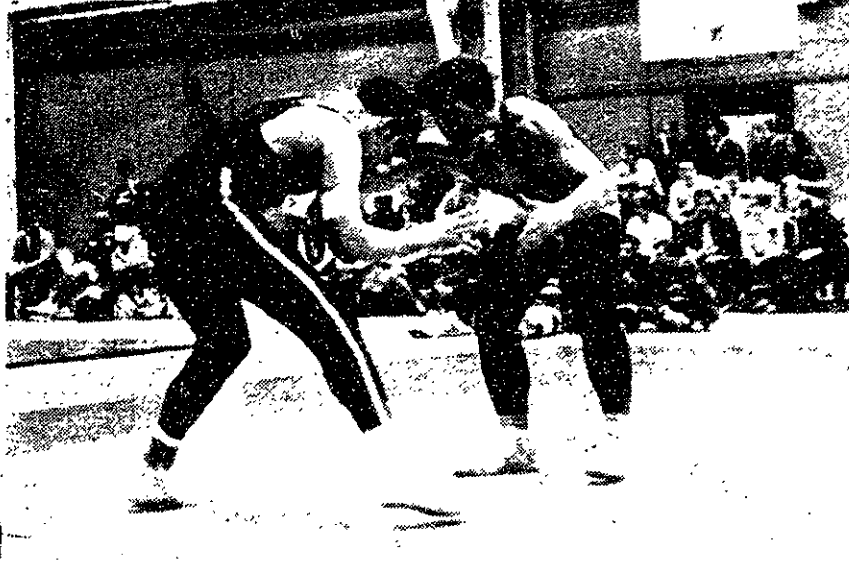


Photo by Bob Mayer

Bruce Davies '71 at 191 pounds, searches for a hold on his Kings Point opponent. Davies decided all three of his matches in the MIT Quadrangular Friday and Saturday

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## Loss streak broken

# Cager road trip successful as Tech wins two, loses one

By Jay Zager

MIT's varsity basketball team took to the road last week in an effort to halt its seven game losing streak. Traveling to New York City the team came away with two victories over Yeshiva College and Brooklyn Polytechnic Institute. While on the way back to Cambridge, the team stopped off at the Coast Guard Academy, where they were turned back in a thrilling game by the margin of two points.

The visiting Tech squad found a congenial host in Yeshiva College, which boasts one of the top small college players in the country in Stew Poloner, a six-four center who paced the home team with thirty-two points. Although outrebounded, the engineers were successful in their full court zone defense, and came away with a 58-51 victory. The next night, the Tech five visited the campus of Brooklyn Polytechnic Institute and completely outclassed the opposition. Hitting on fifty percent of their shots, while playing tenacious defense, the MIT team walked off the court with a convincing 79-49 triumph, a triumph which was sweetened by the fact that Coach Barry was able to employ the full squad.

Last Saturday, the engineers' two game win skein came to an abrupt end, as they were narrowly defeated by the Coast Guard Academy. Although lead-

ing at the half by a 34-28 margin, Tech repeatedly got into foul trouble, and in the second half the host team was able to overtake the weary engineers and gain a 75-73 victory. Thus the team returned home with a successful, though frustrating road trip.

### MIT vs. Yeshiva

Cleveland	7	8	22
Chamberlain	3	3	9
Mumford	3	2	8
Vegele	0	4	4
Lefebvre	5	3	13
Bell	1	0	2
Flaherty	0	0	0
Taylor	0	0	0
Listfield	0	0	0
MIT	19	20	58
Yeshiva	21	9	51

### MIT vs BPI

Cleveland	7	1	15
Chamberlain	3	0	6
Lefebvre	3	1	7
Mumford	3	2	8
Vegele	4	4	12
Flaherty	2	0	4
Bolon	2	0	4
Shields	1	0	2
Bell	4	0	8
Loe	2	4	8
Listfield	2	1	5
Taylor	0	0	0
Walleigh	0	0	0
Nuffer	0	0	0
MIT	33	13	79
BPI	21	7	49

### MIT vs. Coast Guard

Cleveland	12	0	24
Chamberlain	2	2	6
Lefebvre	7	2	16
Vegele	4	2	10
Bell	3	2	8
Flaherty	1	1	3
Listfield	3	0	6
Mumford	0	0	0
Shields	0	0	0
MIT	32	9	73
Coast Guard	29	17	75

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