

## 60-mile train trip

# Spring Weekend coming

by Mark Rockman

Seven entertainers and a 60-mile train trip to southern New Hampshire will be included in the program for MIT Spring Weekend 1964, to be held April 17-20.

The weekend will commence Friday night, April 17, at the Hotel Bradford. Maynard Ferguson and his orchestra will play at the semi-formal show, and a special appearance by the Platters (courtesy of Blinstrub) will highlight the evening.

Ferguson has been known in the field of big band jazz since his days as first trumpet with the Stan Kenton band; the Platters have been successful in the popular music field for the past decade.

On Saturday afternoon, the Brandywine Singers, of ABC-TV Hootenany, will star in a folk show to be held either in Kresge Auditorium, or, weather permitting, the Great Court.

The Dovells, the Crossfires, the Angels, and the Continentals will star in a four-hour show Saturday night at the Hampton Beach Casino, located just yards from the ocean beach in southern New

Hampshire. The Spring Weekend Train will depart from North Station late Saturday afternoon and will return in time for curfew Saturday night.

Free invitations will be distributed next week at the Spring Weekend booth in building 10.

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## Election date moved up to Tuesday, March 3

The date for class officer and UAP elections has been changed to Tuesday, March 3, according to a recent announcement by Jim Wolf, elections chairman.

Students who are temporarily not classified with their original class must obtain a form in Litchfield Lounge (50-110) and fill it out before March 3 in order to vote in the elections.

By Bill Byrn

Staff members of The Tech interviewed the three declared candidates for Undergraduate Association President in a two-hour press conference Sunday. After initial opening statements by the contenders, representatives of The Tech addressed questions to the candidates.

**Bushkin's views**

Arthur Bushkin '65, speaking first, emphasized the need for solution of the problems currently facing the student body. Specifically, he felt that:—

Students should have been informed of the findings of the Committee on Student Environment report "on the ground level."

The last four social weekends were complicated by unnecessary legal and financial problems.

The Student Center Committee will have completed its work by 6 months after the first student

use of the Center, and should then be dissolved.

Organization of student social work efforts should be encouraged by Inscomm.

The Freshman Council president would not be a productive member of Inscomm.

A strong intercollegiate Boston Council would be very useful; it would aid all schools in scheduling and in their bargaining position for entertainers.

Second term Freshman Council is not productive and should be abolished.

**Nolan's statements**

David F. Nolan emphasized in his opening statement and in his response to questions the purpose of student government: to "preserve the laissez faire system," to concentrate on college affairs, personal freedom, and autonomy. His proposals and opinions include:—

Changes in the cashier's desk hours to make them more convenient to all students.

Revision of Registration Day procedures to eliminate unnecessary delays and long lines.

Freshman participation in government should be encouraged; the freshman president should become a voting member of Inscomm.

Student activities should not be directly and officially subsidized by the Institute or Finboard un-

less they benefit a majority of the undergraduates.

A network of advisors to the UAP, including dorm and fraternity presidents, should be established to assess student opinion on issues.

Student government should not itself be involved in national issues or social work; these should be encouraged on an individual level.

**Samuel's ideas**

Bill Samuels spoke of what he considered the "real job" of the UAP—as coordinator of activities and as administrator. His proposals:—

Inscomm should generally not be an innovator of projects but a sounding board for discussion.

The real work of Inscomm is accomplished in subcommittees and Executive Committee.

Social weekends need not be run at a loss.

The Student Center Committee should be dissolved as soon as all activities are moved into the Center.

Second-term Freshman Council should be abolished. The Freshman president should not be on Inscomm.

Administration of student social service should be done by a permanent subcommittee of Inscomm, with financial support.

The Public Relations Committee should publish weekly a complete calendar of student activities.

## How the election ballots will look next Tuesday; Complete listing of all candidates in the races

The following are candidates for undergraduate elective offices as of press time. For the office of UAP there is Arthur Bushkin '65, David Nolan '65, and William Samuels '65.

**Class of '64**

For president: James Allen, Jr., Steven Glassman and Bill Pinkerson.

For Vice President: Jerry Luebers.

For Sec.-Treasurer: Ron Gilman.

For Executive Committee: Mark Barron, Richard Carpenter, Bruce Crocker, Stephen Miller, J. Michael Morrissey, William Nelson, Andrew Roskos, Jr., Robert Scott, Kim Sloat, and Bruce Strauss.

**Class of '65**

For President: Richard Tsien and James Wolf.

For Vice President: William Cohen, Wayne Haase, and Perry Seal.

For Sec.-Treasurer: Norman Eckstein, Jesse Lipcon, Cash Peacock, Richard Shoemaker, and Ian Young.

**Class of '66**

For President: Thomas Jones, Henry Perritt, Jr., and Terry Vander Werff.

For Vice President: Joseph Dickey, Richard Sayre, Dennis Sivers and James Sweeney.

For Sec.-Treasurer: Richard Clark and Kenneth Browning.

**Class of '67**

For President: Dick Chandler, David Gorenstein, David Howell, Kevin Kinsella, and Giorgio Piccagli.

For Vice President: Richard Bails, David Diamond, Stephen Douglass, William Flor, Robert Howard, Allen Landers, and Benjamin White.

For Sec. Treasurer: Donald Batchelor, Louis Offen, Keith Patterson, and Jim Swanson.

## Three now in running

# Bushkin, Nolan declared as candidates for UAP



Two students announced their candidacy for Undergraduate Association President last week.

They are: Arthur A. Bushkin '65, a member of Alpha Epsilon Pi; and David F. Nolan '65, of Phi Kappa Sigma.

Each candidate has issued a statement to The Tech, reprinted here:



## Bushkin's platform

"Conferences and debates," says a candidate for UAP. I say solution of present problems is the major goal of the next year.

While some may suggest a restructuring of the present class officer system, I suggest the establishment of a committee to develop greater sources of revenue for MIT students in view of the skyrocketing of dormitory rents and commons food prices. Such a committee would work towards the establishment of large numbers of part time job openings in technical fields so that

(Please turn to page 3)

## Nolan's platform

I originally entered this race because I felt that the students of MIT deserved a choice; at that time Bill Samuels was the only announced candidate.

Despite Art Bushkin's entrance into the race, my feelings have not changed. For, although the other two candidates differ on specifics, they hold the same basic philosophy concerning student government; I do not.

I believe that the only function of student government is to protect the rights and privileges of the students, and to acquire for

(Please turn to page 3)



Vol. 84, No. 3 Cambridge, Massachusetts, Wednesday, February 26, 1964 Five Cents

## Omega Minus found

# Gell-Mann's theory verified by discovery

By Esther Gltzhofer

A team of physicists at Brookhaven National Laboratory has observed a new sub-atomic particle called the Omega Minus. Its existence was predicted by Prof. Murray Gell-Mann of the California Institute of Technology and Dr. Yuval Ne'eman of Israel, by using group theory.

An announcement of this advance was made in the February issue of Physical Review Letters. It is possible that the particle was observed about ten years ago by Prof. Y. Eisenberg, then of Cornell University. The recent observation at Brookhaven, however, is the first confirmation of the particle's existence.

**A hyperon**

The Omega Minus, with negative electric charge, belongs to a family of "strange particles,"

called hyperons. These particles live about one ten-billionth of a second, a period long enough so that they are considered quasi-stable elementary particles rather than just resonant states of other known particles.

The Omega Minus decays with emission of a pi-meson into the "cascade" hyperon (or Xi), the heaviest previously known strange particle. This particle in turn decays into a Lambda particle and then into a proton, each step being accompanied by a pi-meson.

The Omega is said to have strangeness minus three. The strangeness changes by one in each step of decay the proton has strangeness zero.

**Particle table**

The observation of the Omega Minus is significant in that it may be the keystone to an orderly ar-

rangement of sub-atomic particles, similar to the Periodic Table of the elements or to the optical line spectrum.

Such an arrangement was produced by a group of theoretical physicists, led by Drs. Gell-Mann and Ne'eman. The observation of a particle with the predicted properties fills an important gap in the arrangement.

An intensive search for the particle was started a few months ago at several high energy physics laboratories. At Brookhaven protons of energies up to 33 billion electron volts produced by the Alternating Gradient Synchrotron, were allowed to hit a target from which negative K-mesons were extracted by a 400-foot array of magnets and electrostatic separators.

A beam of K-mesons was then allowed to enter the 80 - inch Liquid Hydrogen Bubble Chamber. Out of 100,000 resulting photographs, one revealed the possible signature of the Omega Minus. The signature was confirmed through analysis by very accurate measuring machines and an IBM-7094 computer.

The Omega Minus was produced in association with two K-mesons and has a mass about 3400 times that of the electron. As more observations of the particle are made, its more subtle properties will also become known.

The team at Brookhaven was headed by Dr. Ralph P. Shutt. Dr. Nicholas P. Samios was in direct charge of the experiment.

## Models valued at \$800 disappear; Campus Patrol looks for 5 ships

Five ship models, valued at approximately \$800, were stolen from the Nautical Museum in Building 1 between the hours of 9 and 11 am, Tuesday morning, February 18, according to the Campus Patrol.

Gene Sneider, caretaker of the museum, reported that the following models were missing: 24-inch sailing yacht "Placida," at \$450; Navy flagboat, \$150; Harriet Lane schooner, \$100; tugboat "Taurus" and pinky fisherman, at \$50 each.

Other models in the glass case evidently had been re-arranged by the thief to conceal the loss for as long as possible; yet discovery occurred before noon.

A patrol officer theorized that the five ships were placed in a box-like container and transported to the nearest exit opening on Massachusetts Avenue.

The Campus Patrol stated that it would appreciate a call from anyone who has relevant information.

**Devised at EPL**

**Braille-writer developed**

By Richard Spehn

The faculty and students of MIT's Engineering Projects Laboratory have been working on "sensory aids and prosthetics" for the blind. One of the more challenging projects is their work on the development of an automatic "Braille-writer" to convert Lino-type and Monotype tapes directly into Braille.

Currently, Braille books have been produced slowly and painstakingly by use of the standard Braille writer, a device requiring a sighted operator with considerable skill in Braille. The present total output of braille books is approximately 160,000 Braille page-plates per year, which corresponds to half that many ink-print pages. The EPL project is an attempt to increase the efficiency and output of the present system.

Several systems have been considered for the automatic production of Braille-encoded information for the blind reader. One system is a punched tape which would be placed in a "reader" by the blind person. The tape would raise or depress a series of pins, giving an tactile display to the reader.

**Typewriter Keyboard**

Another system is a machine with a standard typewriter keyboard which would emboss the conventional Braille cells on paper. Such a device is considerably more sophisticated than an ordinary typewriter because there are symbols in Braille that are not found on the typewriter, and the most often used Grade II Braille has many rules and conventions that would make a one-to-one correspondence between typewritten and Braille copy impossible.

The solution to this problem of incompatibility is twofold. It was decided to use as many of the simpler Grade I Braille rule as possible and inexpensive converters were designed to make the proper corrections.

**Collapsible Canes**

In addition to the work on the Braille-writer, EPL has done research of the design of collapsible canes which would be more convenient for the blind person to use.

EPL has also done research on the methods by which blind and deaf people receive information, particularly how the blind utilize information received of their environment to navigate around various obstacles while walking.

One of the people in the team working on the Braille-writer is Dr. Murray Burnstine, who came to MIT in early November last year. He spent seven years designing transmissions for General Motors after getting his ME degree. He spent three years at medical school and four more doing accident research at Harvard.

EPL reports that the ideas originate as graduate student thesis projects. If they look promising, they are developed.

**Cane design**

Prof. T. P. Sheridan has done a main portion of the work on cane design. One problem that he is currently working on is the design of a practical collapsible cane.

Most acceptable canes, based upon length, strength, durability and balance are not collapsible. It was found that in many situations a cane user would prefer to be able to collapse his cane so that it could be carried in his pocket. Presently available canes are not able to withstand prolonged loading. Both folding and spirally collapsible canes are under consideration.

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**Allen, Glassman join Class of '64 presidential race; Kevin Kinsella vies for head of Sophomore Class**

Three new candidates for class presidencies have declared themselves during the past week. Their platforms follow:

**Class of '64**



**James Allen Jr.**

With the tremendous rate of change occurring at MIT both in terms of expanded facilities and broader interests of the undergraduates it is paramount that the younger alumni take a large portion of the responsibility of updating the public's attitude toward MIT — particularly that of the pre-college student.

Opportunities do exist for our class to be of service. Example: Only 28 per cent of the educational councilorships are filled by alumni who graduated less than 10 years ago. It should be the goal of all the officers to provide

our class background and encouragement in all the areas where we can be of service to MIT — in addition to the simple process of writing a check.



**Steve Glassman**

Having served as Class President and Secretary-Treasurer, I would like to call on my experience in student government as well as associations with the administration, Alumni Association officers, and Commencement Planning Committee to help me carry out the office of Permanent President.

The permanent officers will help maintain contact after graduation, organize reunions, encourage participation in local Alumni Clubs, try to enhance MIT's "image," and obtain funds for such things as a "Class of 1964 Scholarship Fund." Upon termination of my present re-

**Class of '67**



**Kevin Kinsella**

The actions of our class this year have

been characterized by a lack of initiative in the administration. The proposal was made this year to abandon the Freshman Council second term. Why? Because Incomm felt that it wouldn't do anything. The usual functions of the Freshman Council are certainly worthwhile. But, where is the originality?

I know many of the students and their desires — through crew and freshman basketball. From what I see, the class of '67 needs a Class Forum — regular open discussion meetings between the executive officers and any interested students.

This year, the class of '67 fell short of its potential because of the lack of dynamic and imaginative leadership. I can provide this leadership. Give me your support.

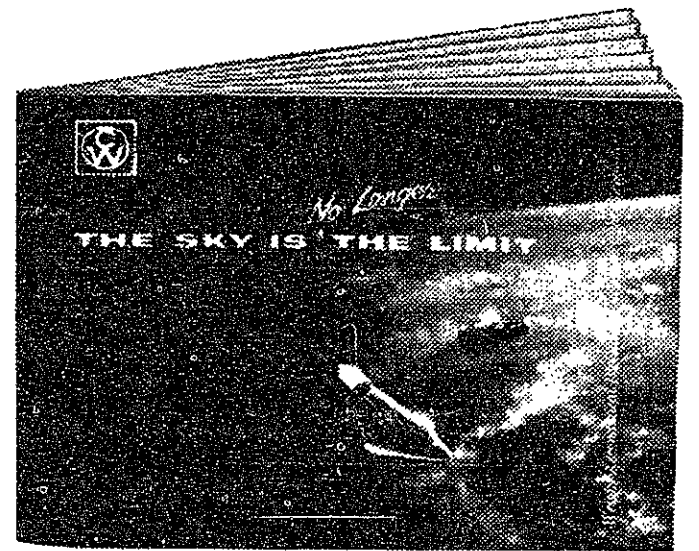
**263 degrees given**

The Registrar's Office has announced that the January graduates numbered 263.

268 degrees were awarded, including 53 S.B.'s, 107 S.M.'s, 17 engineering degrees, 32 Sc.D.'s and 54 Ph.D.'s.

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The book describes important programs headed by engineers out of school only a few years. (Ability, not age, counts at Wright Aeronautical.)

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I have a bone to pick with fate. Come here and tell me, girlie. Do you think my mind's maturing late, Or simply rotting early?

If you would like to be able to read this poem in its native tongue, perhaps it's time for you to get some German lessons at the **ACADEMIA ESPANOLA**, the Modern Language Center in Harvard Square. Telephone Eliot 4-2124 for a placement appointment and information about the boat show.

# Two college tax proposals defeated in state legislature

Two proposals to tax college dormitories have been defeated by the Massachusetts legislature.

The first, a wide-scope bill to tax dormitories and new land acquisitions, was introduced on January 15 with Boston Mayor John Collins' support. The committee studying the bill gave an unfavorable report the following day.

A similar proposal in Minnesota in the 1930's was declared illegal by the state supreme court, which maintained that property of educational institutions is untaxable. This precedent helped to cast doubt on the legality of such measures elsewhere.

A second bill, introduced on January 30, would have affected small colleges which maintain boarding houses at a profit. It would not have affected larger universities appreciably.

Boston is said to have more tax-free property than any other American city except Washington, D.C.

## Compass Seminar on upper atmosphere coming next Tuesday

The next Compass Seminar will deal with "Upper Atmosphere Variations Revealed By Satellite Drags." Dr. L. Jacchia of the Smithsonian Astrophysical Observatory in Cambridge will be the speaker.

The seminar will be Tuesday at 4 pm in 2-190.

# Nolan, Bushkin define issues in platforms

**Bushkin ...**

(Continued from Page 1)

students could meet rising expenses.

While some may suggest changes in the Freshman Council, I suggest the establishment of a committee to study and present to the administration the undergraduates' view on the proposed 12 million dollars of dormitory addition and improvements. I think it's of extreme importance that we, the undergraduates give our opinions and begin action in this area now.

### Weekends

While some may suggest a large number of political debates, I suggest an intensive examination of our school weekend programs. As a member of the Junior Prom Committee and as Social Chairman of the IFC, I have seen four consecutive weekends suffer from lack of a preorganized program of attack. Each of these weekends has suffered financially or in quality of entertainment, because weekend planners were un-

prepared to meet 'unforeseen' problems—problems which have become common to every weekend.

The last two all-school weekends and the coming Spring Weekend all have suffered from the loss of entertainers after they had signed contracts. In addition, entertainers at last Spring's IFC Weekend received only \$500 of the \$900 earmarked for them. The rest, we discovered after intensive examination, went to an 'in between' agent and to pay for entertainment at another school!

Do these facts suggest a smooth functioning of the social weekend programs? I think it is time for action.

While some may suggest a change in present election foundations, I suggest that the acclimation of the undergraduate student body to the new Student Center is a much more pressing problem. As chairman of the Student Center Committee, I have been intimately involved in these problems and am prepared to keep working diligently in this area.

While some may suggest that the purpose of the UAP is to introduce novel projects in limited areas for limited groups, I say the purpose is more deep-seated and serious.

### Present problems

Major problems affecting the entire undergraduate body are before us. Problems that need solution right now. Certainly we want conferences, social service projects, and a multitude of other programs, but these are secondary to our primary goals.

I have been deeply concerned with the problems of the undergraduates for the last two and a half years. As president of my class, as chairman of committees, as a member of the undergraduate body, I have met many of these problems face to face. I ask you now only to give me the opportunity to solve them.

**Nolan ...**

(Continued from Page 1)

them as many additional benefits as possible.

### Role of UAP

The Undergraduate Association President, coordinator of the student government, is the only directly elected representative of the whole student body.

If elected, I will advocate minimum interference in students' private affairs and maximum opportunity for participation in the activities they find personally enjoyable.

Student government should concentrate its efforts on college affairs. I do not feel that MIT should endorse any candidates for political office, however worthy the candidates may be. Bill Samuels and I both have strong, although opposing, views on national politics. I share his conviction that the personal opinions of the UAP must not influence his official actions.

However, unlike Samuels, I ap-

ply this principle to ALL issues. I believe that it is not MIT's role to undertake social work projects.

Instead, charitable endeavors, like political activism, should be carried on by individual students, through independent student organizations. Such efforts should NOT be organized or subsidized by student government. If a student feels that he should be out crusading for a cause—well and good. If he prefers to study, date, read the latest issue of Time (or even Playboy), or simply do nothing, this is his privilege.

### Improvements

Student government should bend its efforts to see that he is kept well informed, so that he may choose his activities intelligently. But beyond this, student government should not interfere in his life. Instead, it should concentrate on effecting improvements like these:—

(1) Institute facilities should be operated for the students' convenience; for example, the cashier's office should stay open later and maintain a full staff during lunch hours.

(2) Registration procedure should be streamlined.

(3) Class officers should be given greater autonomy, as should activity heads.

(4) There should be greater participation in student government, especially at the freshman and sophomore levels, and greater communication between student government and the student body; the Student Center Committee has been particularly noted for withholding information.

### Qualifications

As for qualifications, I have been an IFC representative, and know many members of the student government, although I am not a member of a political power bloc.

Having worked on The Tech, VooDoo, and WTBS, I am well-acquainted with the communications system at MIT. This work has also given me many opportunities to meet members of the faculty and administration, plus experience as a writer and public-relations agent.

As head of the MIT Students for Goldwater, I was responsible for the organization of a 100-member student activity within four months. At the state level, I have coordinated college groups scattered all over Massachusetts.

I feel, therefore, that I will bring to the office of UAP the creativity and organizational ability which it demands.

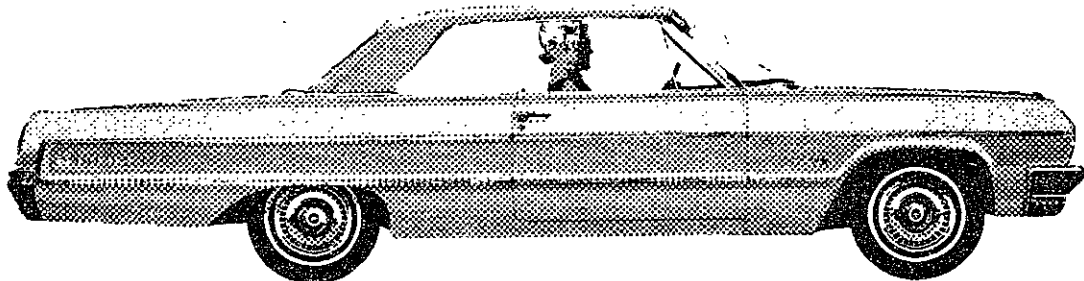
## Civil rights group sponsors an evening of racial-theme play

The Protestant Ministry at MIT and the Civil Rights Committee are sponsoring an evening of three plays on the theme of race. The plays by Malcolm Boyd are 'The Job,' 'A Study in Color,' and 'Boy.' They will be shown on Saturday, Feb. 29, 1964, at 8 p.m. in the MIT Chapel.

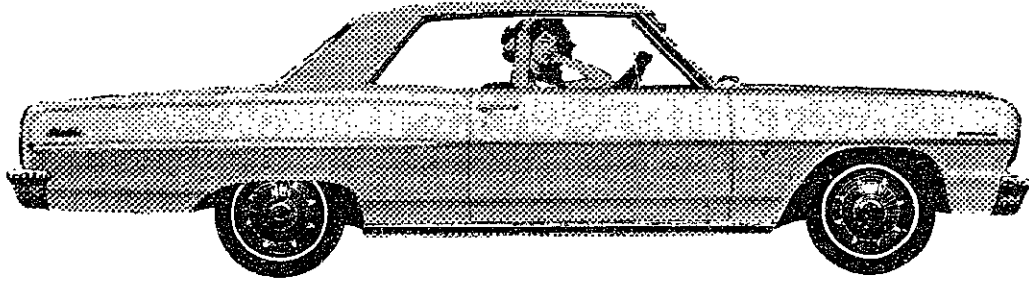
Tickets, on sale in building 10 and 317 Memorial Drive, will cost \$1 and proceeds exceeding expenses will be donated to the civil rights cause, according to the Rev. Myron B. Bloy, Jr.

Due dates approaching? Time is getting shorter. Thesis, Resumes, Manuscripts, etc. typed. Prices vary with length of paper and time allotted to do typing. Pick up and delivery can be arranged.

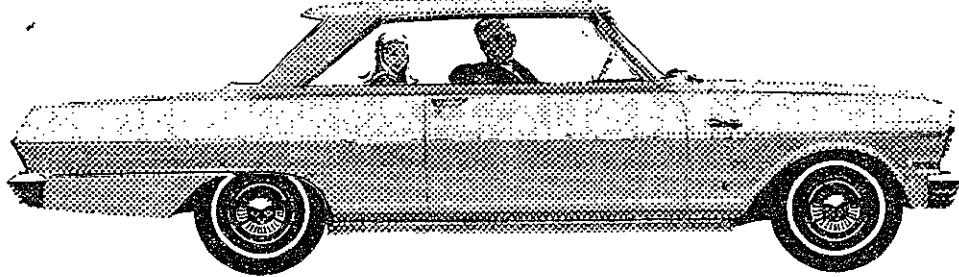
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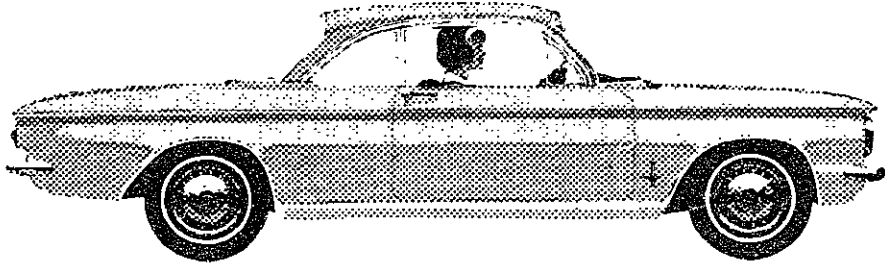
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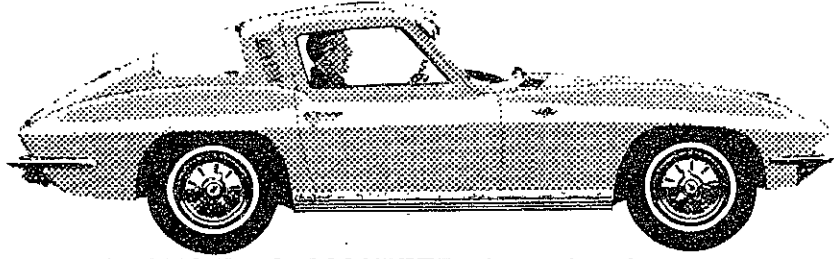
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# Proposed student center library

Proposals were recently made to add a fifth floor to the embryonic student center to serve as a library. This library would be in addition to existing facilities. It would house the reserve books for all courses, selected reference materials, and about 5,000 books for browsing.



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## FOOTNOTES

by Bill Judnick

Taxes have been making el for this is the BU-Boston news long enough to warrant agreement, where the student comment:—

First, both bills sponsored by Mayor Collins to tax dormitories fell flat in the Legislature. Why? Formidable opposition — and I DON'T mean Harvard or MIT.

Had the bill gone through, and students been asked to absorb all the extra cost, dorm rates would have doubled.

Two other tax items, as yet not finalized, are dealt with in two of this week's predictions:

### The Crystal Ball

(Remember, predictions are numbered consecutively from last week.)

6. Taxes on married student housing by the City of Cambridge will amount to about HALF normal rates. (The mod-

7. A sorority is on the way. It ought to take the gals, who like McCormick but dislike high rent, about a year to raise funds to buy real estate. Earlier realization should not be ruled out, however.

8. The Institute will recommend students for NDEA (National Defense Education Act) loans next fall, for the first time. (Unless, of course, something drastic happens to augment the now-short Technology Loan Fund.)

### Commons for all?

For those who had difficulty in figuring out the reasons underlying the CSE's recommendations for compulsory commons, the following interpretation is offered:

We urge Institute officers to act favorably on the plans for this library. Their implementation would do much to improve the usefulness of the new center. The Committee on Student Environment's plan for new dormitories in West Campus will greatly increase the demand for nearby library facilities in that area.

Another advantage of the proposed library is that it would bring each course's reserved books into one collection. Besides the obvious convenience of this move, it would serve to relieve the overcrowded conditions in the present reserve book room, which will be retained, by providing two reserve book collections.

The new library would be well-suited for study dates, since it is planned to have individual carrels and small study areas. Its advantages for study dates would be enhanced by the nearness of the center's entertainment facilities. To augment the recreational function of the center, a browsing collection is also planned for the library.

The proposed new library should not be viewed as an option, but as a necessity for the new center. Prof. William N. Locke, Director of Libraries, feels that "with this addition, the center will really be a center of students life."

A decision on the addition of another floor must be made by March 1. After that date, no change can be made in the present construction program. It is estimated that the addition of a fifth floor after the completion of the building will cost one third more than it will if construction is done now.

One administration official said in reference to the proposed library last week, "There is a question in my mind if it will ever be done, if we don't do it now." We should do it now.

## Out for blood

Representatives of APO and TCA will be contacting students next week seeking donations to the annual MIT Blood Drive. As long as MIT participates in the Red Cross program, any member of the MIT community can receive blood without cost for one year hence.

Last year's blood drive produced the second largest total in its history. We hope that this year more undergraduates will aid MIT and the Red Cross by responding to the student appeal.

Omitting the vagueness of "good health" and "indirect educational process," we have "financial problems associated with capital and operating costs of food services" left. Translating: The best profit picture for Stouffer's is ALL, not something.

### More of the future

9. You will probably have a harder time trying to DROP a course after the deadline this term. Be on the lookout for a strict policy announcement by the "powers that be" shortly.

10. The formulae used to compute the amounts of scholarships and loans will be slightly different next year. Positive increments in the awards have already been promised to offset the increases in the cost-of-living for next year. (E.g., rent and commons rises.)

Of course, a negative term will be added also, should the tax cut come through giving parents a bit more disposable income. Whether or not it will cancel out with the cost-of-living increases here is difficult to say.

11. The COOP will change managers this June.

## Letters to The Tech

### Poster-taking assailed

To the Editor:

During the last two weeks the Classes of '65 and '66 conducted a sales campaign for a jointly sponsored Brothers Four concert. The hoped-for success of this concert was largely dependent on its advance publicity — as any event is — and, recognizing this fact, a lot of work was put into a drop poster for Building 2, a banner for the sales booth in the lobby of Building 10, and bulletin board posters for blanket coverage of the Institute.

The drop poster lasted five days before it was torn down (urchins maybe?). The banner on the sales booth lasted a little longer — eleven days. Bulletin board posters disappeared amazingly fast.

Apparently, there is a cool school of thought which considers the collection of random posters the thing to do. Political posters and those with exceptional art work or caricatures fall prey first. (But why a whole drop poster?) For the people who produce the advertising and for those who are interested in the success of a particular campaign, the destruction — or, in politter terms, collection — of posted publicity before an event occurs is disheartening at the least, enraging at the extreme. The campaigns are hurt — and hurt badly. Perhaps the common sense of some MIT undergraduates has been over-estimated.

Ralph Schmitt '66

### Inside Incomm

## UAP recommends criteria for selection of candidates

By Jerry Luebbers, UAP

There are now three UAP candidates. Chances are you will meet one or more of them in your room, at butteries, via the poster politics of bulletin boards, or as you are innocently trying to make your way through Building 10 to your next class. In attempting to advise the Tech student as to the "neat" questions, I can only comment that the supply is endless, and at least half of the people with whom I spoke last year have several real goodies!

In the further attempt to outline criteria for a real evaluation of the candidates vying for your attention, I found myself referring regularly to Woody Bowman's column printed at this time last year. As I feel it was particularly well done, it has been reproduced below. It merits careful consideration.

In the next two weeks all of us will be faced with the decision of stating a preference for the next UAP. Before we can say who it should be, we should ask what he should do. When I vote, I will want a man to do the following job.

He must be persuasive and friendly. The grandest program is worthless if he cannot convince those who will be effecting the program of its merit. There will be differences of opinion among key people which must be resolved. This also means that he must be decisive; He must be able to impartially and imaginatively evaluate all ideas, including his own. He especially must be receptive to new ideas. He will have to show enthusiasm in sponsoring an idea. He will be continually deciding when he should not. He will have to place himself in the position of all committee chairmen and sketch an outline for any project so that he can evaluate the performance of any chairman and offer advice at appropriate times.

Finally, there is a misconception I would like to dispel. It is sometimes said that the UAP is the student representative of the student viewpoint to the administration. There will be perhaps one or two cases which this will describe adequately. Student opinion is seldom, if at all, monolithic. This is complicated by the fact that many students have access to points of decision-making within the administration and their opinion is often well respected.

There is some truth in the description, but only to the extent that the UAP should be able to state clearly several schools of student opinion and to cast his lot with one of them without neglecting the others.

How can a person be evaluated in terms of these abstract notions? By his platform and personal presentation.

His ideas should seem sound and well thought out. His comments on current student opinion should not be superficial. He should be able to explain his generalities (which are impossible to avoid in a brief statement), such as "encourage," "communicate," "strengthen," etc.

He should admit a sound position held by another candidate, but add an invention strictly his own. If he presents a point with which you basically disagree, does he present it in a manner such that you feel that by sitting down and talking an accord or compromise could be worked out? Or does he antagonize?

The basic element is subjective in the analysis of any candidate. On the other hand, his co-workers, upon whom he will be dependent, will make similar judgements.

The main point is you are electing a person first, a specific program second.



Peanuts appears daily and Sunday in the Boston Herald.

## MIT Students for Goldwater members top 100

The MIT Students for Goldwater increased their membership to 100 in a membership drive at the Activities Midway last week, thus becoming the only political activity on campus to reach the century-mark. They are closely followed by the Young Republicans, whose membership is now up to 86.

The drive was conducted by Mike Leavitt '66, who has temporarily taken over the club's operations in the absence of their Co-ordinator, Dave Nolan '65. Nolan is working on the Massachusetts Goldwater for President Committee as Executive Vice Chairman of the Youth division.

When asked for comments, Leavitt said that he was "very pleased" and hoped to double or triple the present membership before the November election.

## Second, third choices may decide elections

Second and third-place votes may be the deciding factor in the upcoming UAP elections, says the Secretariat. This is because MIT uses the preferential system of balloting in all except elections for the senior class executive committee.

Basically, the preferential system means that the candidates for office whose petitions have been validated are entered on the ballot. The voter indicates which of the candidates is his first choice for the office by writing a "1" next to the name of that candidate. His second preference is indicated by writing a "2", and so on until he reaches the point where he has no preference.

Tallying of the votes is by taking the number of first-place votes for each candidate on the first tally. If no candidate emerges with over 50 percent of the vote, the candidate with the least number of votes is eliminated, and the second choice of each of the people who voted for him is given the vote. This process continues until one of the candidates has over 50% of the total votes being counted. This must be at least 25% of the total votes cast.

This preferential system will be used for election of the UAP and all class officers except the executive committee of the senior class. The latter will have the same system of voting on the ballots, but counting will be done in a slightly different manner.

## Twelve inches fall

### Institute closes in snow

MIT was officially closed last Wednesday for the first time since March of 1960.

Students were not so fortunate this time however. Last time the cancellation postponed a freshman physics quiz.

The cancellation, coming after Boston was inundated with over a foot of snow, provided many students with an opportunity to exercise their artistic talents. Large numbers were equal to the challenge.

A statue of a seal was erected along Memorial Drive by Senior House residents. Snoopy, of the Peanuts column, suddenly appeared, droopy black ears and all, near ZBT in Brighton. The Great Court acquired a 12-foot screw, erected through the efforts of course 5 students.

Most Institute faculty did not come in for the day, and neither the scheduled faculty meeting and the meeting of Inscomm were held.

Burton House residents, spurning statue-building devoted their efforts to the walling in of residents of Delta Kappa Epsilon, a neighboring fraternity. Water was poured on the mass of snow piled in front of the doors, but pledges removed the snow before freezing was complete.

The snow ended late that day, and Cambridge snow removal brought the Institute swiftly back into operation.



Photo by Stephen Teicher  
An unidentified Burton House resident celebrates by removing snow from the sidewalk and donating it to DKE.

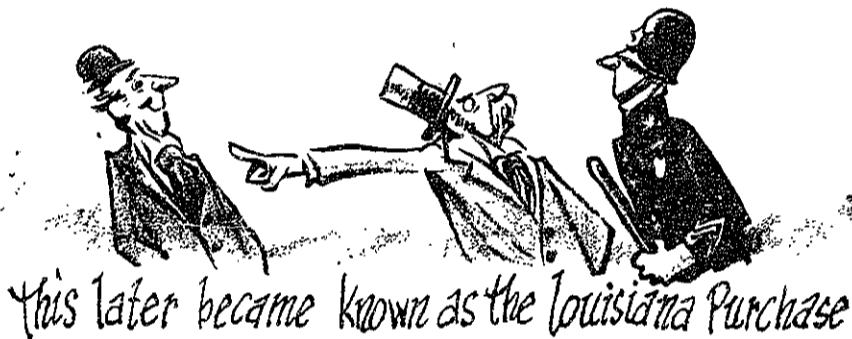


## ECONOMICS CAN BE CHUCKLES

Many of you have been avoiding economics because it is so widely known as "the dismal science." Oh, good friends, stop cheating yourselves of many a laugh and cheer, because economics is a positive riot! True, it is called the dismal science, but that is only because it was invented in 1681 by Walter C. Dismal.

It is easy to understand why Mr. Dismal's discovery of economics is today almost forgotten, for the fact is that he himself only stayed with the subject for two or three days. After that he took up embonpoint, which means fatness. It is said that at his apogee, Mr. Dismal reached 1200 pounds. This later became known as Guy Fawkes Day.

It was not until 1776 when Adam Smith published his *Wealth of Nations* (or *Ozymandias*, as it is usually known as) that the world came to realize what a rosy, twinkly, fun subject economics is. As Mr. Smith showed in his jocular little treatise, there is nothing complicated about economics.



When there is a great demand for a product, a great supply is placed on the market. When there is a small demand, there is a small supply. Take, for example, castanets. You walk into any average American town today and I'll wager you won't see more than eighty or ninety castanet shops. That is because the demand is small.

For Marlboro Cigarettes, on the other hand, the demand is great. Thus, you will find Marlboros—with all their yummy rich tobacco flavor and pure white Selectrate filter and pliable soft pack and unpliable Flip-Top box—at any counter where cigarettes are sold in every one of our fifty great States and Duluth.

To Adam Smith, I say, belongs the distinction of popularizing economics. Mr. Smith was followed by David Ricardo. In fact, everywhere he went he was followed by David Ricardo. Mr. Smith finally got so annoyed that he summoned a bobby, as British policemen are called, and had Mr. Ricardo arrested. This later became known as the Louisiana Purchase.

Upon his release from gaol, as a British jail is called, Mr. Ricardo reported to his parole officer, Thomas Robert Malthus. They soon became fast friends, and one night over a game of whist they invented the stock exchange, or chutney, as it is called in England.

Well sir, with the British having, you might say, a corner on economics, the French decided that they wanted some economics too. Being, however, a proud nation, they refused simply to borrow British economics, but insisted on inventing their own. At first they tried using the truffle hound as a medium of exchange. When this proved less than satisfactory, they switched to pomade. Discouraged by this second disappointment, they finally shrugged and said, "Oh, who cares about economics anyhow?" and returned to the guillotine and Maurice Chevalier.

America, I am pleased to report, had much better success with economics. Our early merchants quickly broke down economics into its two major categories—coins and folding money—and today, as a result of their wisdom, we can all enjoy the automatic toll station.

Well sir, I could go on and on about this fascinating subject, but I know you're all in a tearing hurry to rush out and sign up for Econ I. So I will leave you now with two kindly words of farewell: Gresham's Law.

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\* \* \*

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## Galbraith, Slezac, and Pearson among LSC lecturers this term

Seven lectures and a concert will be presented by LSC this term. Robert Frommer '66, chairman of their Lecture Subcommittee, recently announced the schedule for these free events.

### 26-100 lectures

The first three lectures will be presented in Room 26-100 at 8:00 pm.

Next Tuesday B. F. Skinner, research psychologist at Harvard and author of 'Walden Two,' will speak. The title of his lecture is 'Utopia Now?,' coinciding with the theme of his recent book.

The economist John Kenneth Galbraith will speak a week later on March 10. Former United States Ambassador to India, Mr. Galbraith has written several books, including 'The Affluent Society' and 'The Great Crash.'

Sir Gordon Sutherland will appear the following Tuesday, March 17. He is the director of the National Physical Laboratory of England, and was one of a delegation of British scientists recently invited by the mainland Chinese to visit scientific and technological establishments there. He has brought back some colored slides and a movie film with which he will illustrate his lecture.

### Kresge events

The remaining events will be held in Kresge also at 8:00 pm. On Wednesday, March 18, Sabicas will be presented in a flamenco guitar concert. Free tickets will be distributed the day before the performance.

LSC will then present Frederick C. Barghoorn, the Yale professor who was arrested on spy charges while in Russia last November. He will speak March 25 on "The Strategy of Soviet Intercultural Communication Policy."

On April 23, Walter Slezac, star of stage, screen, radio, and television will explain why 'Show Business is No Business.' Free tickets for this lecture will be distributed a day in advance.

Drew Pearson will deliver a lecture on April 26 titled 'Behind the Scenes with the New Adminis-

tration." Mr. Pearson, author of the syndicated column, 'The Washington Merry-Go-Round,' is a noted Washington reporter.

The remaining lecture will be given by Carl de Suze, a foreign correspondent who has a morning show on WBZ radio. Mr. de Suze will present his illustrated lecture, 'Empires Revisited, the New Look of Europe.'

## Interfraternity Conference officers elected last week; Shulman is new chairman

Donald Shulman '65 AEPI, was elected chairman of the Interfraternity Conference in elections held last Thursday. Other officers are: vice-president, John D. Roach '65, DU; treasurer, Dick Schmalensee '65, PhiGD; purchasing manager, Larry King '66, BTPi.

Elections for IFC representatives to Institute Committee will be held within the next few weeks, according to Shulman.

## Study tours to Japan, Hong Kong sponsored

The World University Service is offering a study tour of Japan, Hong Kong, and India this year; in addition, it is sponsoring a six-week workcamp in the Andes Mountains in Ayacucho, Peru.

For further information, call Ron Randall at TR 6-4350 or WUS at KI 7-9173.

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Shoveling snow can be fun — just as long as you don't overdo it. But when your snow shoveling days are over, supervise the job. Let the youngsters prove they'd much rather keep you around than to have you join them in winter wonderland once too often. Remember: there are many healthful ways thoughtful people of all ages can exercise. Stroll down to the bank, for instance. Applying for Savings Bank Life Insurance exercises good sense, and economy too.

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- develop active and passive devices based on quantum magnetics research; or to
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## Brothers Four entertain



Photo by John Torode

Dick Foley grimaces in ecstasy, John Paine strums unconcernedly, and Bob Flick muses over his giant guitar as Mike Kirkland informs the audience that they've been had. This rock-and-roll parody was part of the informal concert by the Brothers Four held Saturday in the Armory. Blankets were used by the audience both as seats and as slings to launch some of them into the air during intermission.

## APO Blood Drive solicitation to begin week of March 2

Solicitations for this year's APO Blood Drive will take place during the week of March 2-6. All persons between the ages of 18-59 are eligible to donate blood.

Students between the ages of 18-21, however, need parental consent before they are allowed to donate blood. According to Steve Bless '65, APO will send permission forms to the parents of students well in advance this year. Last year's blood drive produced the second-largest number of pints that MIT has given in a single drive. 9.1% of the MIT undergraduate body, 6.1% of the graduate students, and about 4.3% of the faculty and academic staff donated blood in the last drive. This year, for the first time, Westgate and Graduate House will be included in the student solicitation effort.

Seventeen departments last year increased their donor turnout over the previous year. Among these were the Mathematics Department, Cooperative Computer Lab, Instrumentation Lab, Operations Research Center and the Radioactivity Center.

## Key club satire and spies to enliven Tech Show

Tech Show will present 'How to Succeed in Espionage Without Really Spying' February 27 through 29 and March 6 through 7 at 8:30 in Kresge Auditorium.

A Boston key club is the cover for a Russian-Chinese spy ring which has been established to obtain scientific secrets from the MIT professors across the Charles. Chew-in Foo, a Chinese secret agent from the People's Science Study Committee, is played by David Fan. His technical advisor

is a female spy, Chris Calloway from Boston University.

Hostesses at the key club are not Bunnies but Beavers. Their job is to lure classified reports from the briefcases of frolicking scientists.

Romantic complications arise around the disapproved "two-cultured" match of a scientist's daughter and a humanities major.

Tickets are available in the lobby of Building 10 or at Kresge Box Office for \$1.80, \$2.10, \$2.50.



Photo by John Bryson Eulenberg

Pete Anderson, Chris Calloway, and David Fan rehearse proper spying gestures for their roles in the 1964 Tech Show.



## Tom Thomsen wanted challenging work



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and process control techniques to reduce manufacturing costs of telephone switching equipment. Tom is sure that Western Electric is the right place for him. What about you?

If you set the highest standards for yourself, enjoy a challenge, and have the qualifications we're looking for—we want to talk to you! Opportunities for fast-moving careers exist now for electrical, mechanical and industrial engineers, and also for physical science, liberal arts and business majors. For more detailed information, get your copy of the Western Electric Career Opportunities booklet from your Placement Officer. Or write: Western Electric Company, Room 6405, 222 Broadway, New York 38, N. Y. And be sure to arrange for a personal interview when the Bell System recruiting team visits your campus.

## Center for International Studies publishes report on 'Communism in North Vietnam'

The MIT Center for International Studies has published a new report, "Communism in North Vietnam." The author, P. J. Honey, an authority on Vietnamese history, gives the first full account of Ho Chi Minh's political maneuvering to maintain both the country's autonomy and its desperately needed aid from the two increasingly hostile major Communist powers.

Honey describes how Communism was thrust upon the country. Ho Chi Minh, exploited the nationalistic yearnings of his people. By forcing the nationalist resistance movement to rely on China and other Communist powers for military aid, a tiny minority of Communists in 1945 were the unchallenged leaders of North Vietnam in 1954.

The Geneva agreement of 1954 gave the Communists control of

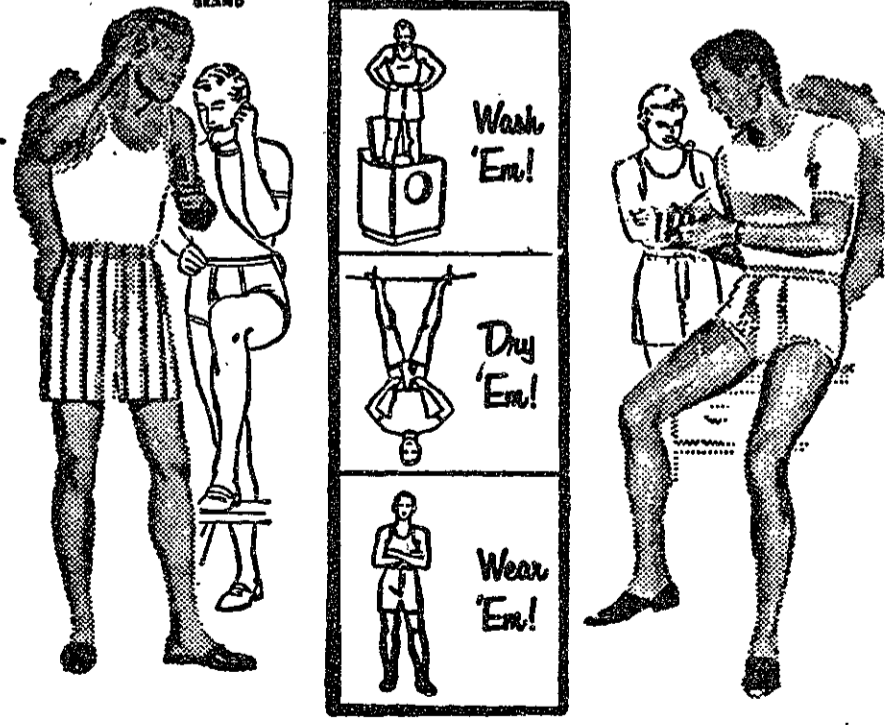
the northern half of the country. The south produces nearly all the country's rice. Thus, the sparsely and heterogeneously populated north suffers from food shortages and fear of famine without the northward flow of rice.

Recent conflict between the Soviet Union and Communist China, culminating in the confrontation over the test ban treaty, has forced North Vietnam to abandon her carefully tended ties with Russia for a liaison with the Chinese camp alone. Ho Chi Minh now has to fear a possible withdrawal of Soviet technical assistance, which would leave the country at an industrial standstill. Also, a bad rice harvest in 1963 leaves the northern government in a desperate position.

A power struggle lies ahead for Vietnam when the aging autocrat, Ho Chi Minh, finally steps down.

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REVIEW DAY TODAY:  
"Mr. Roberts"  
1:45, 5:30, 9:10  
"Paths of Glory"  
3:55 and 7:40

STARTING THURSDAY:  
"The Prize"  
1:30, 5:20, 9:10  
"A Pair of Briefs"  
3:45 and 7:40

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STARTING SUNDAY:  
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Matinees Sat. & Sun. at 3:30

## Selective Service Board physical examinations to be given at 18 soon after questionnaire

In a recent memo to Selective Service boards, President Johnson announced a revision in the policy concerning classification. New registrants will receive a classification questionnaire soon after their 18th birthday. This will be in preparation for the physical that assigns a classification. MIT students should be classified 2S, the student deferment. When classification questionnaires are received they should be taken to Mrs. Lutz in Room 20E-226. Mrs. Lutz will assure that the proper forms are filled out to obtain a 2S deferment. This 2S deferment is renewable each year through five years, providing the registrant is in school for this period. To be eligible for the 2S deferment, the registrant must be carrying at least 36 units. Local Selective Service boards are still allowed considerable freedom in their individual actions, and considerable variation is to be expected over the country.

## Critic's Choice

### New Howard Hawks film not up to previous work

By Gilberto Perez-Guillermo

if 'Man's Favorite Sport?' (at the Keith Memorial) were not directed by Howard Hawks, I would have given it a mild praise as the better of all the comedies I have seen lately (including 'Tom Jones'), except for 'Charade.' As it is, the film is a great disappointment to me, for I have a high opinion of Mr. Hawks' talents. Alongside his previous comedies, which include 'Twentieth Century,' 'Bringing Up Baby,' 'His Girl Friday,' 'I Was a Male War Bride,' the present film, for all its funny moments, appears feeble indeed. It seems a rather tired effort, without the bounce, the vitality, the marvellous fluidity I always expect in a Hawks film.

Howard Hawks, perhaps the most American of all film-makers, is generally underrated in his own country (he is overrated in France). His first great success, 'Scarface' (1932) is the classic gangster film. In 'Twentieth Century' (1934) and 'Bringing Up Baby' (1938), he achieved the highest expressions of the 'thirties comedy' (I can also see a case made for 'It Happened One Night'). With 'To Have and Have Not' (1944), he created the perfect Bogart film, beautifully imposing its unreal world upon the audience. His second Bogart film, 'The Big Sleep' (1946), is a marvellous melodrama which never takes itself seriously. 'Red River' (1948) and 'Rio Bravo' (1959) are, I think, the two best Westerns ever made. In all these films Hawks has expressed the spirit of America through his own personality, and the critics who have snobbishly dismissed his art should think again.

After this impressive career, 'Man's Favorite Sport?' is rather disappointing. There are some funny sequences which exhibit the master's hand (as when Rock Hudson runs away from a bear, or when his employer looks for him in the lake at night), but,

by and large, this film resembles Hawks' previous comedies only superficially. The story line is roughly similar to that in 'Bringing Up Baby,' in which a smart girl brings trouble to a maturing man and they end up together. A scene from the old film is repeated almost straight: when the back of a girl's dress is torn and Rock Hudson walks close to her to hide the fact from everybody. But this time the girl's naked back is exposed, rather than her legs, allowing someone in back of me to cry: "Look, she's wearing no bra." As Lauren Bacall in both Bogart films, as Elsa Martinelli in 'Hatari!' Paul Prentiss wonders what it would be like if Rock Hudson kissed her. But Hawks hasn't had the same success with Miss Prentiss that he usually has with his actresses.

'Man's Favorite Sport?' is recommended to those who will be satisfied with a few pleasant sequences, or to those who relish seeing the worst work of a first-rate artist. To those, like myself who admire Hawks and expect to find in this film the spark of some of his previous work, 'Man's Favorite Sport?' should be very depressing.

Ingmar Bergman's new film, 'The Silence' (at the Park Sq. and the Kenmore Sq.) deals, I think, with sexual instincts (I have heard some widely different interpretations of the film), being the third of a trilogy where Bergman has attempted to treat the subject of love. "It's all a matter of secretions and erections," states one of the characters towards the end, and the film shows people which have been trapped in a world of despair by their animal desires. The film has treated its subject with frankness that is seldom seen on the screen (the version shown here is practically uncut).

The plot concerns two sisters and a small boy travelling through an unknown country whose language they don't understand (I'm sure some symbolism was intended concerning the language, but all I caught was a lack of communication). The film, as its title, is rather Antonion-esque, with very little happening and silences, views of objects and the rhythm of life presumably expressing the state of mind of the characters. The scenes which take the boy's viewpoint were splendid, I thought (some people see in the character of the boy an indication of the basic optimism of the film), but the adult characters are not so successfully treated, and the film suffers in consequence. The extensive use of symbols, most of which I too to be sexual, I thought pretentious and unrevealing of the nature of the characters, and Bergman has not avoided lines like "It's so good that we don't understand each other," or something. Yet, the film is at times unusually beautiful, and the acting, as usual with Bergman, is very good. 'The Silence,' for all its flaws, is an interesting film.

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# Behan play presented by new repertory group

By John Montanns

Repertory theatre is a reviving art in the country at present, and Boston is no exception. The Theatre Company of Boston, now in its second season at the Hotel Bostonian Playhouse, demonstrates both the rewards and the difficulty of beginning such an enterprise.

Located in a small, barely adequate theatre, the group suffers from primitive lighting and stage equipment; this is partially overcome by using plays with simple sets and by a certain talent for making the best of what facilities are available. There is no curtain, no upper or lower stage, no elaborate system for stage entrance and exit. But in spite of this sim-

The plot, basically turning on the temporal progression of the last day of life of the 'quare fellow,' is colored by the characterization which is the meat of the play. Behan, a man not given to understating or whitewashing a situation, uses his considerable knowledge of the gutter elements of Liverpool, Glasgow, and Dublin to portray the prisoners: the Hard Case (Peter Douglas MacLean), a giant with endless ill temper and very little hope; Dunlavin (Dustin Hoffman) and Neighbor (Dan Morgan), two decrepit old petty thieves who bet their Sunday bacon on the chance of the 'quare fellow' getting a reprieve; and a host of even less likeable inmates.

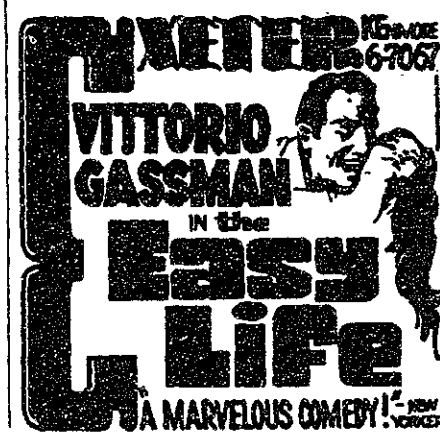
The major theme, however, revolves around the warders, who, as society's servants, are hired to do its dirty work. Behan explores the souls of the men whose duty it is to commit murder in the name of justice, for whom the hanging is not an abstract concept but an all-too-real, ugly fact. One warder reacts by becoming impersonal, and nearly inhuman in his businesslike detachment. Power for him carries no responsibility to his subjects.

But the central characters are those whose humanity is touched deeply by the immorality of the justice they must mete out, for whom the personal immediacy of the hanging becomes a counterbalance to the abstract justice it represents, yet whose duty to that justice compels the execution of its orders. John Lasell, as Warden Regan displays convincingly

Behan's belief that capital punishment is not justice, but injustice both to the criminal and to the men whose duty it is to repress their humanity and kill a man.

Behan's style is grimly humorous; as the condemned man finally meets his fate, his fellow inmates are fighting for his last let-

ters to sell to the sensational press. But beneath the grossness and the jocularity is a serious evaluation of human nature. Much discussion could arise about this judgment but, set aside from its philosophic validity, it is dramatically presented with subtle but disquieting impact.



**THE QUARE FELLOW**—by Brendan Behan, produced by the Theatre Company of Boston at the Hotel Bostonian Playhouse. Directed by David Wheeler. Designed by Bonny Woolridge, lighting by Ray Barron. Principal members of cast: John Lasell as Warden Regan, Dan Morgan as Neighbor and the Hangman, Dustin Hoffman as Dunlavin and Jenkinson, Peter Douglas MacLean as the Hard Case and the Prison Governor, Frank Cassidy as the Chief Warden, Donald Berry as Mickser.

licity, or perhaps because of it, the productions achieve an intimacy and reality which is never experienced in movies and which constitutes one of the major attractions of repertory theatre.

Perfection in a role is more difficult to attain in a live, continuous performance than in a movie, which has the advantage of showing the best of many takes of the same scene. The Theatre Company shows some lack of polish, with occasional tripping over lines and weak performances by bit players, but on the whole the performance is encouragingly good. With increased patronage and resources the group is sure to reach a high level of entertainment, which it is now obviously trying to approach but of which as yet it falls somewhat short.

The present production is Brendan Behan's 'The Quare Fellow,' a morbidly tinged tale of an off-stage criminal about to be hanged and of the effects of his fate on the onstage characters, the convicts and warders of an Irish prison.

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## LECTURE SERIES COMMITTEE CALENDAR

**Contemporary Series**  
**'The Four Days of Naples'**  
Friday February 28

10-250 6:30 & 9:00 60c

**Entertainment Series**  
**'The Innocents'**  
Based on Henry James' "The Turn of the Screw"  
Saturday February 29

10-250 5:15, 7:30 & 9:45 35c

**Classic Series**  
**'Underworld'**  
Sunday March 1

8:00 10-250  
Admission by membership only

**A Lecture**  
**B. F. SKINNER**  
Tuesday March 3 8:00 P.M. Admission Free

This change in the Contemporary Series schedule  
May 15 Divorce Italian Style Kresge  
May 22 West Side Story Kresge

## Making the Scene

**THIS WEEK MUSIC**  
New England Conservatory — Program of music by J.S. Bach—Feb. 28, 8:30 p.m. in Jordan Hall, free. Music by Heitor Villa-Lobos, contemporary Brazilian composer, Feb. 27, 8:30 p.m. in Jordan Hall, free.  
Gardner Museum—Music by Purcell and Haydn—Feb. 27 3:00 p.m. Music by Bach and Poulenc, Feb. 29, 3:00 p.m. Music by Beethoven and Bartok, March 1, 3:30 p.m.  
Symphony Hall Organ Concert — John Weaver, guest recitalist, March 1, at 6 p.m., Cambridge Center for Adult Education — Cambridge Composers Forum, Feb. 28, 8:30 p.m.  
John Hancock Hall — American Festival Ballet, Feb. 28, 8:00 p.m.  
Symphony Hall—CVO Sound of Music Feb. 29 8:00 p.m. Gina Bachauer, pianist, March 1, 3:00 p.m.  
MIT Symphony—With the Bryn Mawr-Haverford College Orchestra, directed by William Reese and John Corley; playing Mozart's Overture to 'The Magic Flute,' Schumann's Symphony No. 4, Shostakovich's Symphony No. 5; tickets \$1.00 at the door, free to members of the MIT community in the lobby of Building 10  
Wellesley Student Concert — Chamber Music Society and the Madrigal Group present Spanish Renaissance music for voice and instruments and Mozart's String Quartet in G major, Jewett Auditorium, March 1, 4:00 p.m., admission free  
Concert of Unusual Vocal Music—New England Conservatory members present selections from Poulenc, Humperdinck, Strauss, and others, in Jordan Hall, March 3, 8:30 p.m., admission free  
Edith Stearns — piano recital, including Bach's Chaconne in D minor, and Brahms' Variations and Fugue on a Theme of Handel, BU Concert Hall, 855 Commonwealth Ave., March 3, 8:30 p.m., free

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8:30 p.m., tickets \$1.50 to \$2.50 in the lobby of Building 10  
Experimental Theatre Production—Wellesley College players, 'Phoenix Too Frequent' and 'A Merry Play,' Jewett Auditorium, Feb. 28, 8:00 p.m., free

'The Christus'—New England Passion Play, at the New England Life Hall, Feb. 27-March 1, 8:30 p.m. through Sat., 2:30 Sun., tickets on sale at New England Life Hall and Filene's  
Wellesley Hills Community Playhouse—'Lawrence of Arabia,' through March 3, eves. at 7:45, mats. at 2:00  
Loeb Drama Center—readings of Marlowe's plays, 'Tamburlaine,' Feb. 26 and 28, 'The Jew of Malta,' Feb. 27 and 29

**MISCELLANEOUS**  
Dr. Bela Bozormenyi-Nagy—lecture on etudes and scale and finger exercises in music teaching, BU Recital Hall, 855 Commonwealth Ave., March 2, 8:30 p.m., free  
B. F. Skinner — famed psychologist, LSC lecture, 'Utopia Now?' in 26-100, March 3, 8:00 p.m., free  
Boston Public Library—new exhibits include copperwork, Pushkin and Nicholas II mementos, and 'The Genius of Ireland,' a collection of books and music from the Irish past

**NEXT WEEK MUSIC**  
Glenn Gould—at the Gardner Museum, March 8, 3:00 p.m., piano recital  
BU Symphonic Band—works of Bach.

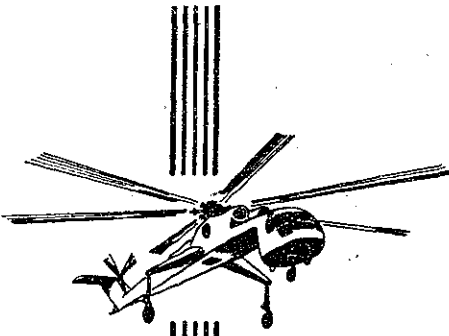
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Brahms, and Faure, under the direction of Dr. Lee Chrisman, in the Concert Hall, 855 Commonwealth Ave., March 5, 8:30 p.m., free

**THEATRE**  
Tech Show—"How to Succeed in Espionage Without Really Spying," March 6-7, 8:30 p.m., Kresge

**MISCELLANEOUS**  
All-College Convocation — 'Collecting Paintings: an Exciting Treasure Hunt,' Robert Vose, Vose Galleries, lecture March 10, 10:30 a.m., Newton High School Auditorium.



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Tuesday, March 3

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### German lyric poetry on Friday in Kresge

Emmi Akeret, a former Swiss actress, will present readings of German lyric poetry in a program sponsored by the Eulenspiegel Verein, 8:00 p.m. Friday in the Little Theater. Co-sponsors are the Harvard and Radcliffe German clubs. Poets to be represented include Heine, Eichendorff, Hoelderlin, Nietzsche, Rilke, Morgenstern, and Kaestner. There will be chamber music interludes. Texts will be provided. Admission at the door is \$1.00 for non-members, \$5.00 for members.

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## movie schedule

Wednesday, February 26, through Friday, March 3 (unless otherwise noted, the Sunday schedule is the same as the weekday schedule except that movies are shown before 1:00 p.m.)  
**ALHAMBRA** — 'Seven Days in May,' 10:15, 12:45, 2:50, 5:10, 7:30, 9:50, Sun., 3:05, 5:10, 7:30, 9:20.  
**AMERICAN HILL** — 'Tom Jones,' 10:15, 12:45, 2:50, 5:10, 7:30, 9:50, Sun., 3:10, 5:20, 7:30, 9:40.  
**AMERICAN CINERAMA** — 'It's a Mad, Mad, Mad World,' evenings 7:00, Sun. evenings 7:30, matinees 2:00 Sat. & Sun. at 2:00.  
**ATLANTIC** — Through Saturday: 'My Life' Starting Sunday: 'Sartre, No Exit,' Shows daily 5:30, 9:30, matinees Sat. and Sun. 2:30.  
**AVENUE** — 'The Doll,' Mon-Sat. 10, 12, 4, 6, 8, 10, Sun. 1:30, 3:30, 7:30, 9:30.  
**BOULEVARD** — 'Charade,' weekdays ex-Thurs., 2:05, 7:05, 9:30, Thurs. 3:10, 5:15, 7:20, 9:30, Sat. and Sun. 2:25, 4:45, 7:00, 9:30.  
**BROADWAY** — 'The Easy Life,' 2:00, 5:40, 7:30, 9:20.  
**CLAYTON** — 'The Victors,' Sun. evenings 7:30; other evenings at 8:00, Tues. Wed. Sat. & Sun. at 2:00.  
**COURT SQUARE** — Review Day Sat. 'Mr. Roberts,' 1:45, 5:30, 9:15; 'Paths of Glory,' 3:55 and Starting Thursday: 'The Prize,' 5:20, 9:10; 'A Pair of Briefs,' and 7:40.  
**EXETER MEMORIAL** — 'Man's Favorite Sport,' 11:00, 2:35, 6:05, 9:35.  
**EXETER OPHEUM** — 'Global Affair,' 2, 12:32, 2:22, 4:12, 6:02, 7:55, Sun. 1:57, 3:47, 5:37, 7:30.  
**EXETER LOWER** — 'Children of the Damned,' 11:30, 2:55, 6:10, 9:25, 2:45, 6:00, 9:15; 'Gladiators

Seven,' 10:00, 1:20, 4:35, 7:55, Sun. 1:10, 4:30, 7:45.  
**MUSIC HALL** — 'Merlin Jones,' 9:30, 11:30, 1:30, 3:30, 5:30, 7:30, 9:30, Sun. 1:00, 3:00, 5:00, 7:00, 9:00.  
**PARAMOUNT** — 'Love with the Proper Stranger,' 10:00, 12:25, 2:45, 5:00, 7:15, 9:30, Sun. 1:00, 3:05, 5:15, 7:25, 9:30.  
**SAXON** — 'The Cardinal,' evenings 8:30, matinees Mon-Fri., 2:00, Sat.-Sun., 2:00, 5:00.  
**UPTOWN** — 'Children of the Damned,' 12:35, 3:40, 6:45, 9:55, Sun. 2:55, 6:15, 9:35; 'Gladiators Seven,' 11:00, 2:05, 5:10, 8:15, Sun. 1:15, 4:35, 7:55.  
**CHARLES PLAYHOUSE** — 'Man and Superman,' Tues.-Fri. 8:30, Sat. 5:30 and 9, Sun. 3:30 and 7:30, tickets \$2.40 to \$3.95.  
**COLONIAL** — 'High Spirits,' new musical comedy by Noel Coward, Tues. evs. at 8:00, other evs. except Sun. 8:30, mat's., Thurs. 2:15, Sat. 2:30, Through Sat. Opening Mon. at 8:00 p.m., 'Carnelct.' to show subsequent evs. at 8:30.  
**HOTEL BOSTONIAN PLAYHOUSE** — 'The Quare Fellow,' by Brendan Behan, Wed. 7:30, Sat. 7:00 and 9:30, other evs. except Mon. 8:30, mat., Thurs. 3:00, Through March 1.  
**IMAGE** — 'The Underpants' evenings except Mon. and Tues., 8:30; Sat. 7:00, 9:30.  
**SHUBERT** — 'A Funny Thing Happened on the Way to the Forum' evs., except Sun. 8:30, mats. Thurs. 2:15 and Sat. 2:30.

## Theatre Schedule

## theatre . . .

# Dramashop gives one-act plays

by Guy H. Frindell and Alan R. Hirsch

Last Friday Dramashop presented two one-act plays, its first offerings for the second term.

John Mortimer's 'What Shall We Tell Caroline' is the story of a triangular love affair between the headmaster of an English school, his wife, and an instructor, and the controversy that arises over their mute daughter Caroline.

Director Joseph Morlan skillfully contrasted the crotchety character of Arthur, the husband (played by Leonard Lynch), with that of Tony, the happy-go-lucky lover (played by Michael Jacobs). Merri Pinson as Caroline capably maintained the necessary detachment of the eighteen-year-old mute who is treated as a child by those around her. Susan Bluttman portrayed Lily, the wife



Photo by Bill Parks  
Carole White as Winnie peers happily out from her mound while Ralph Williams as Willie ignores the world in the Dramashop's production of Samuel Beckett's 'Happy Days'.

who alternately takes abuse from her husband and accepts the advances of her lover.

'Happy Days,' by Samuel Beckett, was a typical Beckett play, incomprehensible to most of the audience. The principal character, Winnie, is half buried in a mound of earth, a fact never satisfactorily explained by the play. Willy (Ralph Wiggins), a seemingly unimportant character, is Winnie's link to reality, even though he leads an animal's existence in a hole in the mound.

Carole White performed superbly in what was virtually a forty-five minute monologue.

The technical aspects of the play, under the guidance of stage manager David Liroff '65, were well done, except for a few lapses, which did nothing to detract from the plays.

Dramashop's evening of one-act plays was certainly a worthwhile evening's entertainment, and we look forward to the next set of one-acts, to be presented on Mar. 13, to provide entertainment of similar caliber.

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## Prof. Wiesner to talk on disarmament

Prof. Jerome B. Wiesner, former Special Assistant for Science and Technology to President Kennedy, will talk on halting the arms race on the fourth "Great

Decisions 1964" program tomorrow at 8 pm on WGBH-TV.

Prof. Wiesner, Dean of the School of Science at MIT, feels that some form of controlled disarmament is necessary. He claims that world tensions have eased and he is convinced that the Soviet Union "sincerely wants some form of disarmament and that Americans take a more realistic approach to the problem (today) than they did a few years ago."

After the thirty-minute discussion with Wiesner, Saville Davis, host, will moderate while a panel of experts answer questions telephoned from the audience.

## Engineering texts due for release

Various new publications will soon be forthcoming from the School of Engineering, according to the school's recently-released annual report.

In the gas and fluid dynamics area, Professors Ashley and Landahl are preparing a textbook on the aerodynamics of wings and bodies, based on their own experiences in teaching the graduate-level course of the same name.

Professors Mar and Pian have completed a text for the first course in solid mechanics, and are currently writing a book for use in the second course.

Also, Professors Hill and Peterson have nearly finished their text *Mechanics and Thermodynamics of Propulsion*, and Professors Kerrebrock, Hoffman, and Oates have prepared class material on related topics.

In the Department of Chemical Engineering, the various design problems used in the undergraduate courses are being assembled in book form by Professor Sherwood and will be published by the MIT Press this summer. In addition, Professors Hottel and Sarofim are assembling the Department's research on radiative transport for publication.

In the Department of Mechanical Engineering, Professors Keenan and Hatsopoulos are completing a text on thermodynamics intended for both graduates and undergraduates.

## Student Center library tentatively proposed

An undergraduate library on a tentative fifth floor of the Student Center was proposed at a Student Center Committee meeting on January 23, according to Arthur Bushkin, chairman of the committee. It is intended to relieve the "critical" situation of overcrowded library facilities.

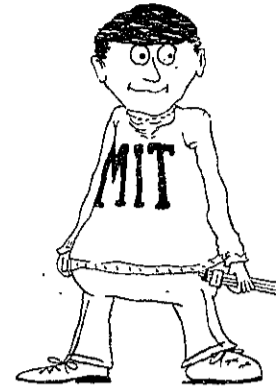
Bushkin observes that, at present, almost half the students using the Science Library use it as a study hall without making use of library materials at all.

The purpose of the new reading library, according to Bushkin, would be to "provide a convenient, quiet place for all students to use their own or reserve books for class preparations."

In the event that money is not available to add a fifth floor to the Student Center, there is a possibility that financial support could be found to fill the need for a centrally located reserve book room.

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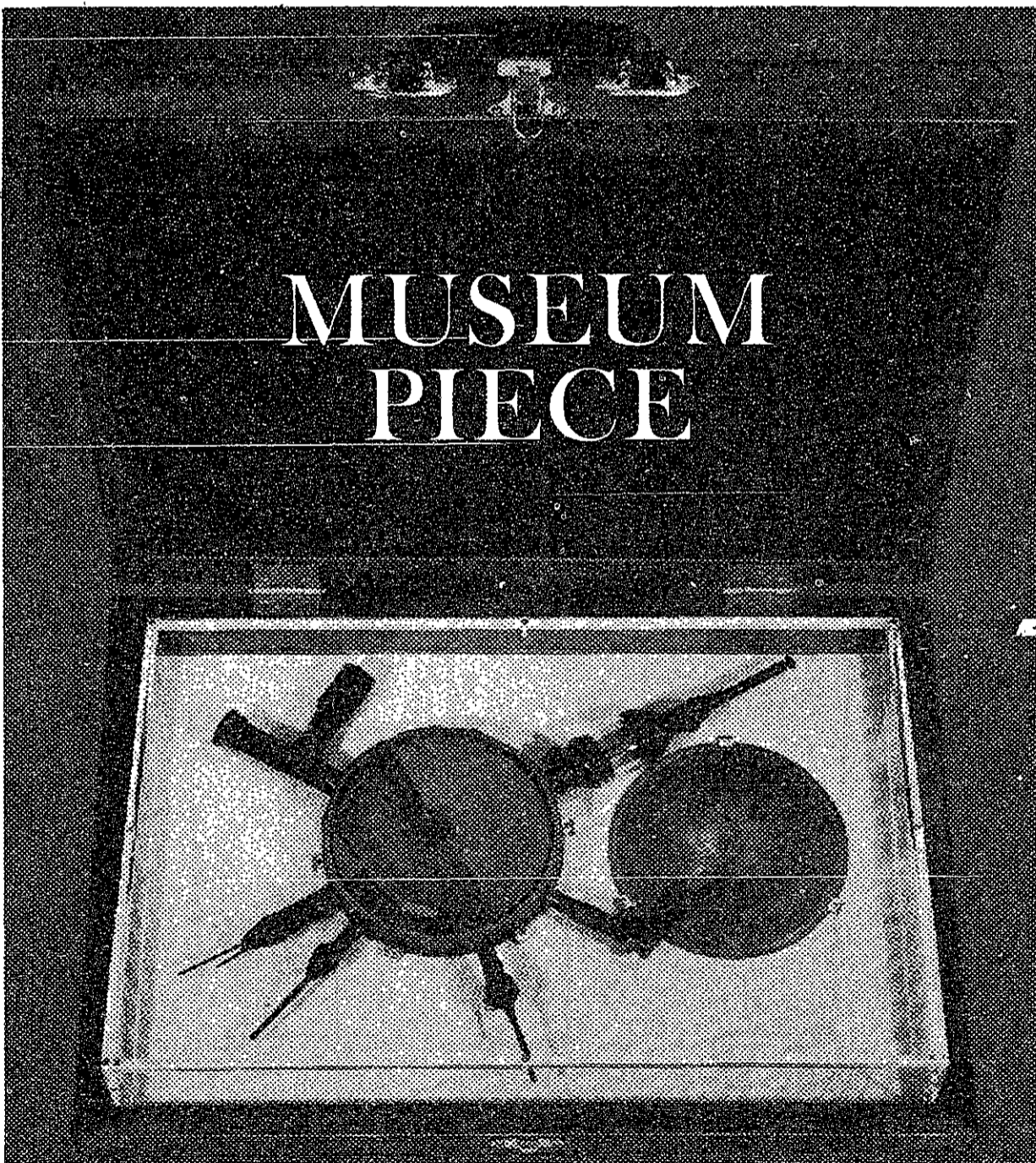
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- ✝ The Red Cross will be accepting donations at MIT, March 23 through 26.
- ✝ You can make your donation appointment at the booth in Building 10 during the week of March 2.

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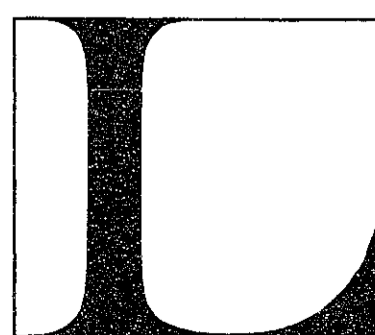
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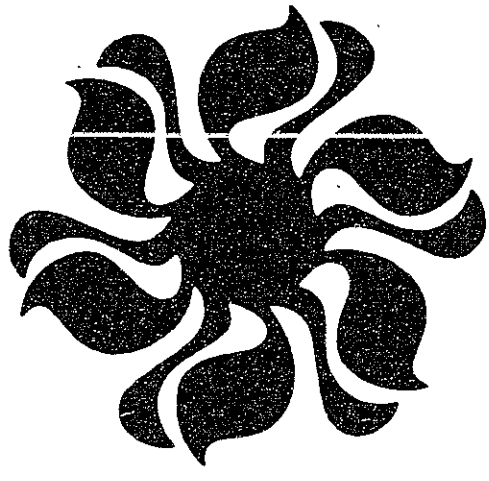
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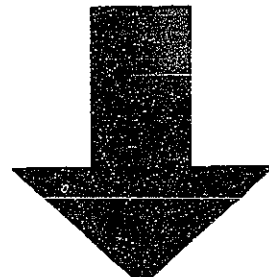
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## Fencers split Jersey meets

By Herb Trachtenberg  
The MIT varsity fencers met Newark College of Engineering at Newark last Friday night and won a very close meet 14-13. The team travelled to Hoboken the next day where they were defeated by the Stevens Institute of Technology team 15-12.

In the Newark meet, sabre men Art Best '64, Tom Seddon '66, and Ralph Zimmerman '64 took seven of nine bouts, with Best and Zimmerman taking three each. The Engineers' one foil victory was won by Herb Norton '65 in the second round. Karl Kunz '66 took three epee bouts to lead the epee

squad to a 6-3 record for the day.

The only winning squad against Stevens was the foil squad, which took five of its nine bouts, including three victories by Craig Wheeler '65. The sabre team took four of its bouts, with three defeats by Stevens' very excellent sabre fencer Cardillo. Many members of both teams felt that the sabre bout between Cardillo and MIT's Zimmerman, which Cardillo won 5-3, was one of the best intercollegiate bouts they had ever seen. Karl Kunz took two bouts, and Bill Debonte '65 took one to give the epee squad a 3-6 record.

## Parking during snow emergency can bring up to \$15 fine, towing

People who park on marked streets during a snow emergency face fines of up to \$15 and possible towing, according to the Cambridge Traffic Department.

The emergency, which will be announced on radio stations WE-EI, WTAO, WHDH, WNAC, and WCOP, will be declared if an approaching snowstorm seems likely to require heavy plowing. Following the announcement, motorists will have a minimum of two to three hours to remove their cars from the streets.

The time, according to the Cambridge Police Department, varies according to how fast the storm is approaching. The time allowed for moving cars may be somewhat longer if the storm is moving slowly, according to police.

Types of snow emergency signs vary. There are two basic ones. The first, which specifies a \$5 fine, means that parking is allowed on the odd-numbered side of the street during the emergency. The second, for \$15, means that no parking is allowed on either side for the duration.

Not all streets are yet posted, according to the Traffic Department, but eventually they will be. On streets which are not yet posted,

parking is allowed during emergencies. After streets have been plowed, parking is permitted, say police.

It is also illegal to park anywhere in Cambridge for longer than 24 hours, or for shorter times as posted. No parking is allowed up to 20 feet from an intersection, or 10 feet from a fire plug. Parking is allowed on one-way streets, on the right in the correct direction, unless otherwise posted.

Parking is also illegal in areas posted as restricted and in bus stops. Tags for these violations bring a \$5 fine.

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## Space Research Center obtains temporary quarters

The complex of buildings formerly occupied by Epsco, Inc. at 275 Massachusetts Avenue have been rented by MIT.

The first two floors of the engineering building will be occupied by the Instrumentation Laboratory. The third floor will serve as temporary quarters for the Center for Space Research until its building on Vassar Street is completed.



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## Brandeis to hear Computer selects best debaters at tournament talk by Wiesner

Prof. Jerome B. Wiesner will speak at a forum at Brandeis University on "Science and Government: Some Individual Views."

The talk will be in the Shapiro Forum of the Olin-Sang American Civilization Building at 8 pm on March 11, 1964.

Prof. Wiesner was recently appointed Dean of Science at MIT after leaving his post as science advisor to the President of the United States.

The MIT Invitational Debate Tournament, marked by the first use of a computer to rank individual speakers, was held last weekend. Bates College took first place, defeating over 38 teams from 26 schools, from as far as Walla Walla, Washington.

A computer was used to collate the judges' scorings of each speaker during the six rounds of the tournament. Although judges have always given two different scores to each speaker, only one of these has been used in the

past. The computer took both scores into account in ranking the individual debaters.

The computer chose Eileen Karol of Brooklyn College first speaker, followed by Janet Roede of Mount Holyoke.

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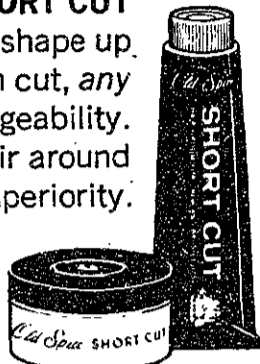
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## IM hockey defender, Phi Gamma Delta drops playoff to Lambda Chi Alpha

by Don Bosaik

The first week of the playoff tournament in I.M. Hockey saw the defending champion Fiji's and runner-up from last year, Senior House fall to Lambda Chi Alpha and Theta Chi respectively.

In the Phi Gamma Delta-Lambda Chi Alpha game, the Fiji's fell 4-3 to a Lambda Chi team led by Steve Fletcher '65, Dennis Buss '63 and Jack Lynch '63. The Theta Chi-Senior House game was closer yet, with two overtime periods played, and Theta Chi eventually winning on Bill Jessiman's goal.

In other action this past week, Sigma Chi crushed Sigma Nu 11-0, with Mark Hanson '65 getting the hat trick along with five as-

sists. Graduate House remained undefeated by pushing past NRSA 6-0. Theta Delta Chi advanced on a forfeit over Zeta Beta Tau, and Beacon Street Athletic Club pushed past Delta Upsilon in the same manner.

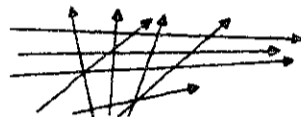
Games which highlighted action this past Sunday included Theta Delta Chi vs. Theta Chi and Graduate House vs. Lambda Chi in the quarter-finals of the tournament. During the regular season Graduate House and Lambda Chi Alpha tied 4-4 and Theta Chi and Theta Delta Chi also tied 4-4.

Results last week  
Lambda Chi 4—Phi Gamma Delta 3  
Theta Chi 2—Sr. House 1  
Grad. House 6—NRSA 0  
TDC 1—ZBT 0 (forfeit)  
Beacon St. Ath. C. 1—DU 0 (forfeit)  
Sigma Chi 11—Sigma Nu 0

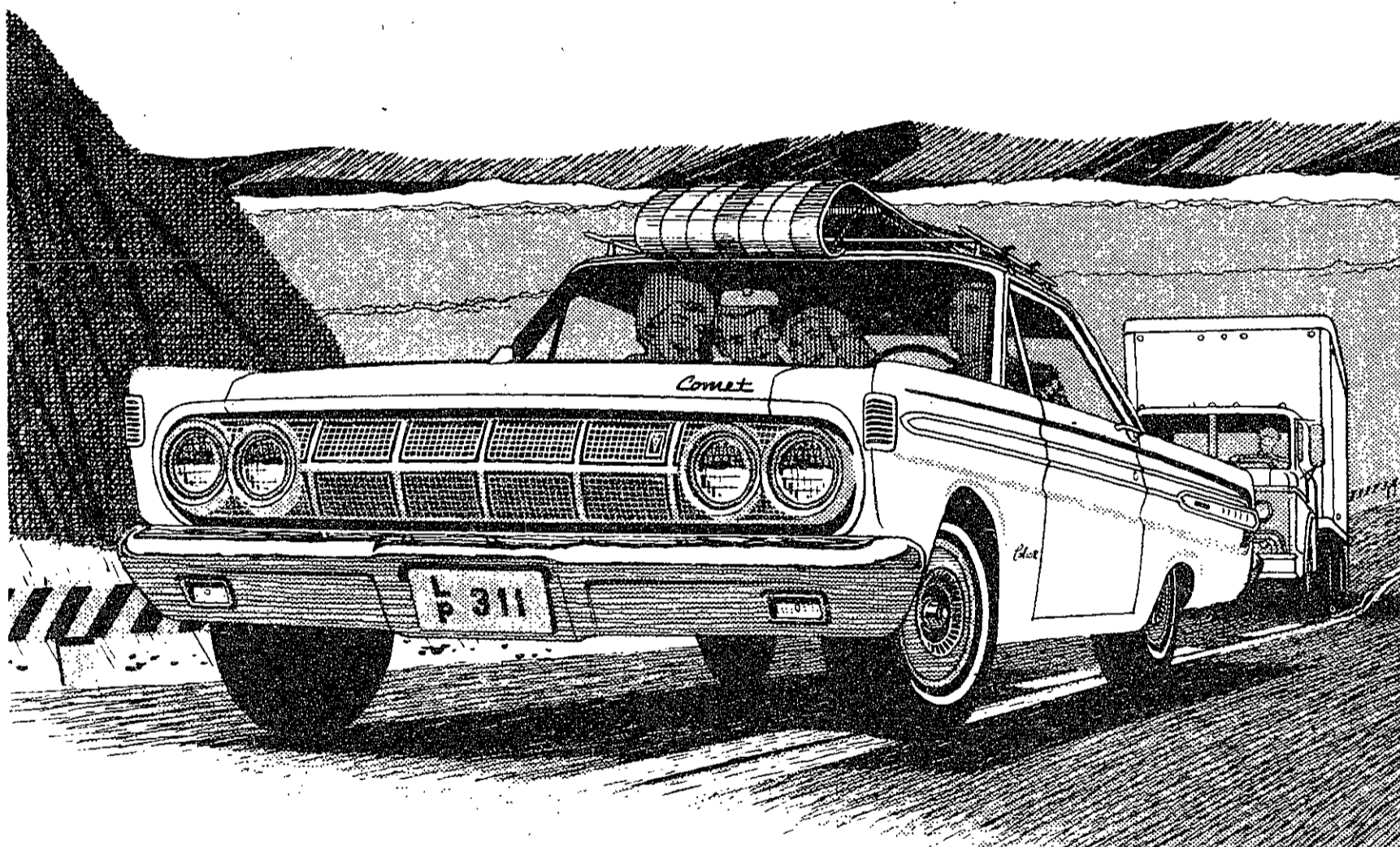
### How They Did!

**Basketball**  
MIT 81—UNH 71  
Harvard 84—MIT (JV) 78  
MIT (F) 73—UNH 58  
**Fencing**  
MIT 14—Newark 13  
Stevens 15—MIT 12  
**Hockey**  
Rutgers 5—MIT 1  
Noble & Greenough 3—MIT (F) 1  
**Rifle**  
MIT 1314—BU 1282

Norwich 1435—MIT 1412  
**Pistol**  
MIT 1363—Coast Guard 1215  
**Skiing**  
MIT wins carnival at Syracuse  
**Squash**  
MIT 9—Seton Hall 0  
Penn 9—MIT 0  
Trinity 5—MIT 4  
Trinity 6—MIT (F) 3  
**Track**  
MIT 75—UNH 38  
UNH 58—MIT (F) 52  
**Wrestling**  
Dartmouth 20—MIT 6  
MIT (F) 5—Dartmouth 4



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## Riflemen set MIT record on international targets in 1314-1282 win over BU

The Tech riflemen shot a new school record on international targets while beating Boston University 1314-1282 at the MIT range Thursday night. In an away match at Norwich University Saturday morning, MIT suffered its first New England League (which uses regular targets) loss, 1435-1412.

Thursday's action was highlighted by the shooting of George Olah '64, 266; Joe Boling '64, 266; and Dave Hamada '65, 265; followed up by Jim Downward '65, 261; and Jim Bridgeman '65, 256. The five high Techmen in Saturday's match were Olah, 287; Boling, 286; Hamada, 282; Karl Frederick '65, 282; and Bridgeman, 275.



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P-CN

# Skiers cop trophy for first place in Syracuse meet

By Ed Roberts

The Tech skiers travelled to Syracuse last weekend and took the trophy for first place at a Carnival attended by fifteen schools, including Syracuse, Cornell, Army, and Colgate. It was a well-deserved team victory, with captain Henrik Wessel '64 and Karl Kehler '65 taking special honors.

### Tech 2nd in slalom

The team was a little shaken when star Wessel fell in the slalom, but rallied well to come in second in the event behind host Syracuse. Kehler placed best for MIT at seventh; Ed Roberts '65 and Giovanni Emo '65 had slightly slower times.

### Wessel edged in X-country

Wessel was edged into third position in the cross-country by the close margin of thirty seconds in a half-hour race. George Carey '64 and Stan Brown '65 were seventh and twelfth respectively, giving MIT third place in the event.

### Kehler third in jumping

The skiers lost a few points to Syracuse in the giant slalom, where Wessel, Carey and Emo put MIT in fourth place, close behind Syracuse, Paul Smith and Cornell. However, Kehler's brilliant third in the jump, backed by Brown and Emo in seventh and twelfth places, put MIT second in the event and won sufficient points for the skiers to emerge in first place in a very closely contested Carnival.

The unofficial final standings were MIT 670.97; Syracuse 669.8, Paul Smith 655; Cornell 650; Army 644.

Coach Bill Morrison was most encouraged by the team's showing in this, the last meet before the Eastern Championships at Williams next weekend.

# Cagers avenge defeat by New Hamp.

By Dick Perron

The Tech five advanced their season record to 16-6 with a victory over the University of New Hampshire February 18 on the Wildcat's home court. This was the second meeting of the season for the two clubs. The first clash was in the Bluenose Classic where UNH was the winner, 74-73. This time the Beavers picked up the victory 81-71.

### UNH ahead at half

The first half was slow starting for both teams with the Engineers getting into the scoring column first. UNH then went ahead on the sharp shooting of forward Tom Horne, who picked up 14 points in the first half. The Tech scoring was well distributed over the starters with Bob Grady '65, scoring 10 points in the half. The half-time score put UNH out in front by six, 34-28.

### Tech comes back

The Beavers started the second half determined to win. After five minutes of play the lead switched hands, putting Tech out in front to stay. UNH ran into a cold streak when the cagers' zone defense held the Wildcat offense scoreless. The defense forced the Wildcats to make 5 straight errors which cost them nine points. UNH ran into further trouble when their leading scorer Tom Horne fouled out and two other players were having foul problems.

### Co-captains get key points

Leading the scoring barrage were senior co-captains Jack Moter and Bill Eagleson with 21 and 11 points respectively in the second half. It was Moter who tied the score by sinking the first of two foul shots. He missed the second but Eagleson grabbed the rebound and put the Engineers out in front to stay.

Leading scorer for the game was Moter with 27 points followed by UNH's Horne with 26. Eagleson and Grady were next with 17 points each.

### JV loses to Crimson

The JV played Harvard, Feb-

ruary 20, losing by the score of 84-78. High for MIT were George McQuilken '65, and John Flick '66, with 20 and 19 points each. The JV's closed out their season with a 3-3 record.

### Last home game tonight

The last home game of the sea-

son is tonight, February 26, against Tufts. This will be the last chance to see senior co-captains Eagleson and Moter in action, so come on out and cheer the team on to victory! Game time is 8:15 pm in Rockwell Cage.

## Win 11 of 13 events

# Brown, Flink lead trackmen to 75-38 romp

Tech's indoor track squad, led by Sumner Brown '66 and Jim Flink '64 with two first place finishes each, swept their meet with the University of New Hampshire trackmen at Rockwell cage Saturday, February 22 by a lopsided 75-38 score. The MIT trackmen took firsts in a total of eleven of the thirteen events in the meet and swept all three places in the 600-yard run.

Distance runner Brown won the mile in a time of 4:31.6 and took the 1000-yard run in 2:22.3 while

Flink dashed to firsts in both the 45-yard low hurdles and the 50-yard dash with 5.6 second finishes in each.

### RESULTS

- Mile:**  
1. Brown (MIT) 4:31.6, 2. Estabrook (UNH), 3. Dean (UNH).
- 1000 yards:**  
1. Brown (MIT) 2:22.3, 2. Dean (UNH).
- 600 yards:**  
1. Schwoeri (MIT) 1:17.2, 2. Rogers (MIT), 3. McMillin (MIT).
- Two Mile:**  
1. Reneau (UNH) 10:04.5, 2. Wolf (UNH).
- 50 yard dash:**  
1. Flink (MIT) 05.6, 2. Ross (MIT), 3. Briggs (UNH).

**45-yard low hurdles:**  
1. Flink (MIT) 05.6, 2. Doherty (UNH).

**45-yard high hurdles:**  
1. Dorschner (MIT) 05.9, 2. Doherty (UNH), 3. Flink (MIT).

**Relay:**  
1. MIT—Rogers, McMillin, Dorschner and Schwoeri 3:43.8, 2. UNH.

**High Jump:**  
1. Carrier (MIT) 5'10", 2. Jones (MIT).

**Pole vault:**  
1. Clark (UNH) 12', 2. Morash (MIT), 3. Lukis (MIT).

**35 pound weight:**  
1. Dassel (MIT) 47'5 1/2", 2. Valencetti (UNH), 3. Kotanchik (MIT).

**Broad jump:**  
1. Ross (MIT) 21'7 1/2", 2. Johnson (UNH), 3. Carrier (MIT).

**Shot put:**  
1. Sloat (MIT) 43'11 1/2", 2. Reinsen (MIT).

## On Deck

### Today, February 26

Basketball (V)—Tufts, Home, 8:15 pm

Basketball (F)—Tufts, Home, 6:30 pm

Hockey (V)—Amherst, Home, 5:00 pm

Hockey (F)—Amherst, Home, 7:30 pm

Wrestling (V)—Tufts, Home, 8:15 pm

Wrestling (F)—Tufts, Home, 6:30 pm

### Thursday, February 27

Wrestling (JV)—Brandeis, Away, 7:30 pm

### Friday, February 28

Basketball (V)—Coast Guard, Away, 8:15 pm

Basketball (F)—Coast Guard, Away, 6:30 pm

Rifle (V)—Harvard, St. Michael's, Home

### Saturday, February 29

Fencing (V)—C.C.N.Y., Home, 2:00 pm

Fencing (F)—Harvard, Home, 4:00 pm

Pistol (V)—Harvard, Away

Squash (V)—Wesleyan, Home, 2:00 pm

Squash (F)—Wesleyan, Home, 2:00 pm

Swimming (V)—Springfield, Home, 2:00 pm

Swimming (F)—Springfield, Home, 12:30 pm

Track (V&F)—Bowdoin, Home, 12:30 pm

Wrestling (V)—W.P.I., Home, 3:30 pm

### Sunday, March 1

Skiing (V)—MIT Invitational

## Badminton play gets underway

Intramural badminton opened its season last week with six matches in Major Division and one match in Minor Division play.

In the first week's action in League I, Chinese Students Club beat Grad House B 5-0, Baker A topped Senior House B 4-1, and Burton A won over Lambda Chi Alpha 5-0. In Major League II, Baker B edged out Senior House B 3-2, Grad House A beat Chi Phi 5-0, and Burton B won over Sigma Chi 4-1. In the only Minor League match played, Burton C topped Theta Delta Chi 4-1.

This year's badminton is organized with two six-team major leagues and two five-team minor leagues. The schedule runs through to the second of March, with play on Sunday and Monday nights. A double elimination at the end of the season will serve to determine places and intramural points. Matches consist of three singles and one doubles match, with the doubles counting two in match score.



Photo by Steve Teicher

Senior captain Jim Flink on his way to a third in the high hurdles last Saturday against UNH, with Terry Dorschner of MIT taking first. MIT ran away with meet by a 73-38 score.

## Frosh Sports

# Hoopmen beat UNH 73-58

by Charlie Willman

The frosh basketball team won its eleventh game of the year as against only one loss, in a game played at New Hampshire Tuesday, February 18. The hoopmen gained their victory during a week marked by the cancellation of four freshman athletic events due to last Wednesday's snowstorm.

New Hampshire was defeated by a score of 73-58 as the Techmen swept to their fifth straight win since their single setback. The squad will play its last two games this week: today at home against Tufts, and away at Coast Guard on Friday.

### Wrestling

The wrestling team triumphed over Dartmouth last Saturday to bring its record to 5-4. Wrestling at home, the grapplers lost only three matches in the process of winning by a 21-9 margin. The pins for MIT were scored by Brook Landis, Dave Schramm and Bill Thilly. The last match of the regular season is at home against Tufts this Saturday.

### Hockey

After having last Wednesday's game against Tabor Academy snowed out, the hockey team lost a game on Saturday to Noble and Greenough School by a score of 3-1. Pete Getting scored the only goal for the Engineers, who were not skating on their home ice. The icemen will carry an 0-7 record into the season's final two games this week.

### Squash

The squashmen dropped a 6-3 decision to Trinity at home Saturday, after having their scheduled Wednesday game at Law-

rence Academy cancelled. The racquetmen now have a 2-7 record with matches left versus Exeter and Wesleyan.

### Track

Track also fell prey to the weather as a meet with Governor Dummer was called off. On Saturday, however, the team competed in a close match at MIT against New Hampshire, losing by only six points, 58-52.

### Swimming

The swimming team's meet at Wesleyan was also cancelled. The mermen have a 5-4 record with two meets left against Brown and Springfield.

## Wrestlers lose hard-fought match to Dartmouth; Williams takes decision, runs string to 10-0-1

By Dave Kress

The MIT varsity grapplers lost a match to Dartmouth 20-6 last Saturday on the home mats. This match, which was much closer than the score indicates, brought the squad's season record to 4-7. Senior captain Mike Williams kept his undefeated string going with a 3-0 decision.

Facing a very tough Dartmouth team, The Techman could score only two wins, although most of the matches were very close. Williams ran his record to 10-0-1 with

his decision at 157 pounds, while 167-pound Bob Wells '65 got the team's other three points on a 7-6 decision. 130-pound Hal Hultgren '66, 137-pounder Don Fredrickson '65, and "Whitey" Whiteman '66 at 147 pounds all lost close decisions which might easily have gone the other way.

The JV squad lost a meet to the Rhode Island varsity 17-11 on February 18 on the home mats. Dick Tsien '65, Jerry Wilcox '65, and Dick Stresau '66 scored the MIT wins.

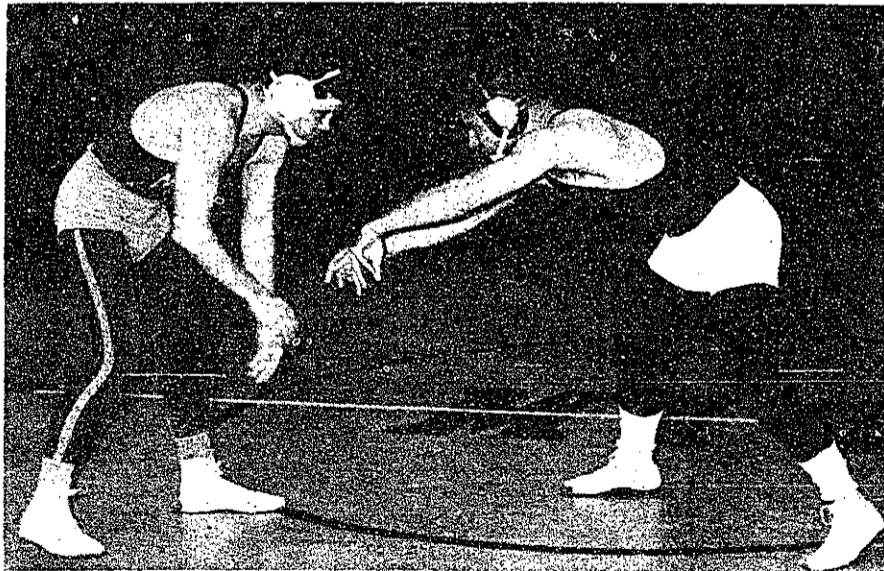


Photo by Stephen Teicher

MIT's undefeated wrestling captain, Mike Williams (left) gets set to close with Ivars Bemberis of Dartmouth in match at duPont Saturday. Williams kept his unbeaten streak, but Tech lost by 20-6.

## Icemen drop game to Rutgers 5-1

By Richard Thurber

MIT played one hockey game last week, losing to Rutgers 5-1 here Friday night. The team finishes the season this week with a game at the University of Massachusetts Monday afternoon and a game here against Amherst Wednesday afternoon.

The teams were played evenly for the first fifteen minutes, Fri-

day night but late in the first period Rutgers broke loose with two quick goals within a minute of each other. Rutgers scored twice again in the second period, and the teams exchanged a goal apiece in the final twenty minutes. MIT's lone goal was scored by Hank Newell '65. Bill Kosinar '66 and Scott Blouin '65 played the entire sixty minutes on defense.

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