

# Henry Bowman Elected UAP

Woody Bowman was elected Undergraduate Association President yesterday. He defeated Herbert Eagle and Steve Kaufman in preferential balloting.

Bowman succeeds J. Frank Osha '62, the UAP for the past year. Bowman will be installed at a joint meeting of the incoming and outgoing Institute Committees Saturday, March 24, in the Library Lounge.

As UAP, Bowman will have an expense account of up to \$500 to be used for rental of formal wear, travel, telephone calls, and other official expenses.

Henry "Woody" Bowman, 20, is a native of Charleston, West Virginia and majoring in economics. He also plans a degree in physics in an extended study program.

Henry "Woody" Bowman be-

came interested in student activities as a freshman after joining APO. As a pledge project in APO he elected to work with foreign students through the admissions office. On this project he became acquainted with, and subsequently became a member of, the International Programs Committee (a sub-committee of Institute Committee).

An initial attempt in student government as a candidate for President of 1963 was unsuccessful. Shortly thereafter, Bowman was elected president of the Activities Council upon the nomination of APO.

Last term he was elected president of APO and Phi Beta Epsilon and is presently serving in these capacities. The term of office in APO will expire in a few weeks.



Henry Bowman '63

## Bowman Pledges Realistic Action

Upon winning the election, Henry Bowman issued the following statement:

"I am happy that the student body wants me to be their next UAP and has expressed support for my platform. It was intended to be realistic and I reaffirm my pledge to effect it.

"I would like to thank those who actively supported me during the campaign. I will do my best to insure that the confidence shown in me through this election is justified.

## On Objectivist Ethics

### Ayn Rand Speaks Tonight; Kresge Program At 8 P.M.



Ayn Rand

"The Objectivist's Ethics" will be the title of the lecture by Ayn Rand, American novelist and philosopher, tonight at 8 in Kresge.

Miss Rand is well known for her best selling novels *The Fountainhead* and *Atlas Shrugged*. Her other works include *Anthem*, *We the Living* and *For the New Intellectual*. She has long been an outspoken proponent of individualism and an opponent of collectivism of any sort. Her views on money, morality, religion, and politics have evoked sharp controversy.

In recent years, Miss Rand has been working to codify her philosophy of objectivism. The talk tonight on Ethics, which is sponsored by the Lecture Series Committee, will be about a part of this total philosophy in which she will attempt to demonstrate how the Objectivist's ethics relate to the total scheme of things.

## MIT, Harvard Project

### Cambridge Electron Accelerator In 2.2 Bev Debut

The Cambridge Electron Accelerator, a joint project of MIT and Harvard University, was operated for the first time last Wednesday. When finally adjusted and operating at its maximum, the accelerator, a constant frequency synchrotron, will accelerate electrons to energies of about 6 Bev. This makes it the highest energy electron accelerator in the world.

The CEA was built at a cost of 12 million dollars. It is the seventh accelerator in use in

By Robert Renbeck

the MIT-Harvard community, of which Harvard already has one and MIT, five. Scientists and engineers at MIT and Harvard are solely responsible for the accelerator's physical design and construction.

The funds necessary for its construction, except the salaries of the staff members, were supplied by the AEC. The accelerator is about 240 feet in diameter. According to Prof. Louis Osborne of MIT, it was "built with a marvelous atti-

tude toward reliability... built with affection."

The operation policies at the CEA are guided by a joint Harvard-MIT executive committee. The accelerator's operation will not be cloaked with secrecy; its purpose is strictly educational. For this reason it was built at Harvard, where it will be readily accessible to the students and staff of both MIT and Harvard.

The CEA employs several new features. Among these are (Please turn to Page 12)

## 6 Bev Capability

### Staton, Brand Engaged For Spring Weekend

Dakota Staton and Oscar Brand have been signed for the Spring Weekend entertainment bill. Miss Staton will perform during the ball Friday night, May 4. Brand joins the Four Preps Saturday night for a concert and twist party in the cage.

Ticket requests must be post-marked on or after 12 noon, April 9, addressed to "Divertissement," Box 221, Boston 1, Mass. Each ticket request should include the name or names of the purchaser and a check for \$11 per ticket. Checks should be payable to W. A. Hokanson Bursar, MIT.

### Student Assaults Debtor; Draws Judcomm Warning

The Institute Judicial Committee recently gave a warning to a student for "systematically mauling" another student.

The incident occurred early in January when the first student a newspaper distributor, attempted to collect an outstanding debt for a newspaper subscription.

He had sent several bills to the student and had called on him personally at least twice without success.

The last time the distributor called, the student refused to speak to him and called him an abusive name. The newspaper distributor then jumped the student and wrestled him to the floor in the hall of his dormitory. His purpose was to frighten him into paying the debt. The student was not injured.

The matter first came to the attention of Judcomm near the end of last term, when the student sent a letter to the committee protesting the attack. Judcomm did not consider the matter until the middle of Feb-

ruary, however, and the student who made the complaint did not return to MIT for the second term.

The newspaper distributor freely admitted the incident and told the committee that he felt he had done the correct thing. Two other persons testified before the committee. One gave Judcomm additional information as to the operation of newspaper distribution in the dormitories. The other student reported that he had also attempted unsuccessfully to collect the debt, and gave the committee additional information about the character of the debtor.

Bardwell Salmon '62, secretary of Institute Judicial Committee, stated that Judcomm did no more than issue a warning "because the debtor had left school, because of the inferred character of the debtor, and because of the circumstances surrounding the attack."

The debt has not been paid.

### 4th Compton Lecture Tomorrow, Seminar On Education Friday

Dr. Isidor I. Rabi will deliver the third in his series of six Karl Taylor Compton Memorial lectures tomorrow at 8 p.m. in Kresge Auditorium. His topics will be "The Education of a Western Man." Dr. Rabi will participate in a seminar on "Education in a Pluralistic Society" Friday, March 16, at 4 p.m., in Kresge Auditorium.

Dr. Charles H. Townes, MIT's Provost, will be moderator, and Elting E. Morison, Professor of Industrial History, will be the principle speaker. Panelists will be Dr. Paul A. Freund, Carl M. Loeb University Professor at Harvard Law School; Professor Francis Friedman, Director of Science Teaching Center; Dr. Gerald Holton, Professor of Physics at Harvard; Dr. Edwin H. Land, Visiting Institute Professor and President of Polaroid Corp.; and Dr. Paul A. Samuelson, Professor of Economics.

This is the second seminar in the series. The third (and last) will be March 23, with moderator Bruno B. Rossi, speaker Edward M. Purcell, and panelists, Martin Deutsch, Donald A. Glaser, Norman F. Ramsey, and Cyril C. Smith.

Dr. Rabi's remaining lectures will be March 20 and March 22.

### Astrophysicist To Discuss Rotation Of Cosmic Bodies

Subrahmanyam Chandrasekhar, noted astrophysicist, famous for his work concerning dwarf stars, will speak on "The Rotation of Cosmical Bodies" at 5:15 in 26-100, Tuesday night.

Dr. Chandrasekhar was born in India and received his degree from Trinity College in Cambridge, England. He is a Fellow of the Royal Society, a member of the American Philosophical Society and the American Academy of Arts and Sciences. He has published three books. He is now at the Yerkes Observatory in Williams Bay, Wisconsin.

The lecture is sponsored by the Lecture Series Committee and is open to the public, free of charge.

## Gals Get Slide Rule At All Tech Sing

A five-foot slide rule was awarded to the Association of Women Students at the All Tech Sing, Saturday, March 10, at Kresge Auditorium. The slide rule was the selection this year for the "Egbert" award, which is given to the group offering the most original songs. The women students sang "Chance in a Million" and "Educating a Tech Man," both designed to spoof the Second Century Fund.

In the serious class, Theta Delta Chi were awarded first place and the Burton House "Burtones" received a second. In the light class, Phi Delta Theta's "Tech Phi's" took the honors, and Theta Delta Chi was given "Best in Show award."

Dean of Residence Frederick G. Fassett, Jr., who was Master of Ceremonies for the show, commented: "The enthusiasm, zest, and participation of the competing groups were in the best MIT tradition."



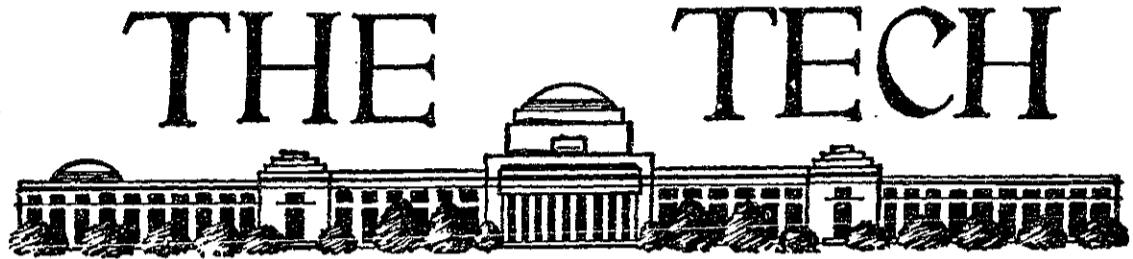
Devrie Shapiro '62, President of the Association of Women Students accepts the Egbert award, a giant slide rule, from Steve Kaufman '63, Vice President of the Baton Society. Dennis Johnson '62, President, looks on.

— Photo by Conrad Grundlehner



Walter Batcheld '65 of NRSA at the All-Tech Sing last Saturday night.

— Photo by Conrad Grundlehner



Established At MIT In 1881

Vol. 82, No. 6

Cambridge, Massachusetts, Wednesday, March 14, 1962

5 Cents

# Faculty Group Presses Shelter Protest, Arms Issue

## PLACEMENT INTERVIEWS

### March 14

National Carbon (2, 3, 5, 6, 8, 10, 15); New York Telephone (1, 2, 6, 14, 15, 17, 18, 21); Scott Paper (2, 5, 6, 10, 15); Port of New York Authority (1, 2, 6, 17); Procter & Gamble, Central Engineering (1, 2, 6, 10); Procter & Gamble, R&D (5, 10, 15, 20); Tidewater Oil (2, 10); Torrington Company (2, 15); General Atronics (6, 8, 18).

### March 15

Procter & Gamble, Industrial Engineering (all engineering and science, 15); Procter & Gamble, Plant Management (all engineering and science); Aerojet General (1, 2, 3, 5, 6, 8, 10, 15, 16, 18).

### March 16

Aerojet General (1, 2, 3, 5, 6, 8, 10, 15, 16, 18); General Railway Signal (2, 6, 15); Sperry Rand Research Center (5, 8, 12, 18; doctoral candidates only); Kimberly Clark (10).

### March 19

Airtron (6, 8—D); Barry Controls (1, 2, 15); Bendix, Eclipse (6); Bendix, Products (2, 6, 16; 21—B, M); Bendix Research Laboratories (2, 6, 8, 16, 18); Bendix, Systems (6, 8; 2, 16, 18—M, D); W. R. Grace (2, 5, 10, 15); Humble Oil & Refining (1, 2, 6, 10); Litton Systems (2, 3, 6, 8, 18); Management Systems Corporation (all engineering and physical science, 15, 18); The News (2, 15—B, M); North American Aviation, Atomics International (2, 3, 5, 6, 8, 10, 18, 22); North American Aviation, Autonetics (2, 6, 8, 18); North American Aviation, Columbus (2, 6, 8, 16, 18); North American Aviation, Los Angeles (all engineering, 8); North American Aviation, Rocketdyne (1, 2, 3, 5, 6, 8, 10, 16, 18); North American Aviation, Space and Information Systems (2, 6, 8, 16); Tyco Laboratories (2, 5, 7, 8); West Virginia Pulp & Paper (2, 5, 6, 8, 10).

### March 20

North American Aviation, Atomics International (2, 3, 5, 6, 8, 10, 18, 22); North American Aviation, Autonetics (2, 6, 8, 18); North American Aviation, Columbus (2, 6, 8, 16, 18); North American Aviation, Los Angeles (all engineering, 8); North American Aviation, Rocketdyne (1, 2, 3, 5, 6, 8, 10, 16, 18); North American Aviation, Space and Information System (2, 6, 8, 16).

By Don Goldstein

An unexpectedly large and favorable reaction to the "Open Letter to President Kennedy," published in the New York Times last November, has prompted a group of Boston professors to form a permanent Boston-Area Faculty Group on Public Issues. The Group, whose Steering Committee includes eight MIT faculty members, has confined its major activities thus far to opposition to fallout shelters and to the establishment of an Inter-University Clearing House on Public Issues, which would co-ordinate the activities of similar groups of academicians and scientists across the nation. The MIT professors on the Steering Committee are: Charles D. Coryell, Chemistry; Bernard Feld and Herman Feshbach, Physics; Murray Eden and William F. Schreiber, E.E.; and Cyrus Levinthal, Donald A. Glaser, and Salvador Luria, Biology.

Encouraged by a 96 percent favorable response to the Open Letter and by its reprinting across the country, the Boston professors have continued to present their arguments against shelters on both the local and national levels. February 8, three group members, William F. Schreiber of MIT and Roger Fisher and David Cavers of Harvard, joined representatives of the Voice of Women, Americans for Democratic Action, Fellowship of Reconciliation, the State School Building Assistants' Commission, and private citizens in testifying before the Commonwealth of Massachusetts Committee on Public Safety. Their testimony was in opposition to a number of bills now under consideration at the State House to provide for the mandatory construction of fallout shelters in Massachusetts public schools.

#### Basis of Opposition

The Group's statement on the matter declared, "We can sympathize with the author of this bill and with others who are moved to similar proposals out of a natural wish to shield the children from the effects of a possible nuclear holocaust. Our opposition stems from our conviction that this and similar bills will not accomplish the desired objective in the event of



East Campus students assemble for the Faculty Committee on Public Issues. Left to right are Ted Long '62, Prof. Murray Eden, Joe Goldfarb '63, Phil Rebinovitz '62, and Ron Baecker '63. —Photo by Conrad Grundlehner

war but will have serious deleterious effects on the children and indeed on the whole population of Massachusetts." The paper reviewed the total effects of thermonuclear weapons, pointing especially to "... the widespread fires with their attendant destruction of houses, food supplies, transportation, communication ... which would produce a desperate recovery situation."

Turning to the cost of such a shelter program, the professors held that it would amount, "... at the likely level of \$100 a child, to \$150,000,000. We think of that money as coming out of our pockets. Probably, however, the price will be paid by the children themselves in educational advantages that they will be denied so that we can spend money ... for shelters that, if nuclear war came, would do very few of them any good."

#### National Action Taken

On the national level, the group has acted by sending reprints of the original Open Letter to all the members of Congress, together with an explanatory letter signed by Associate Professor Murray Eden for the Steering Committee. The letter pointed to the endorsement of the Times Open Letter by about 4,000 university scholars and scientists (more have added their support since) and stated, in part, "I trust you will read the copy of our open letter ... You will see why we do not

ment and its agencies; (2) suggest activities to the local groups; (3) collaborate with other national groups (such as, for example, the Federation of American Scientists) in securing and disseminating information and in prompting public debate on major issues; (4) present the opinions of the participating groups and members to government officials and agencies, thereby aiming at helping to shape national policy in the direction of the agreed principles." A meeting of representatives from various faculty groups may be held soon in Boston to discuss, in detail, the setting up of the Clearing House.

As for the Boston-Area Faculty Group on Public Issues, its future activities will explore new areas of public interest "relative to the preservation of peace with freedom and the prevention of war." Its Steering Committee has agreed on three unifying principles; "(a) refusal to accept the inevitability of nuclear war; (b) rejection of the threat of unilateral nuclear attack as an instrument of national policy; (c) willingness to seek and to publicize factual information, positive solutions, and suggested positions on matters of public policy relating to war and peace."

#### No Formal Structure

Specific questions which may be investigated include, "What, if any, measures should be taken to retain effective civilian control over the military?" and "What measures could the U. S. undertake on its own which might tend to reverse the arms race?" In general, issues will receive attention leading to possible action by the Group as it arise significantly on a national level.

At this time the Boston-Area Faculty Group on Public Issues has no formal administrative structure because such a structure would probably encumber its activities more than it would facilitate them. Although it will soon obtain a permanent office with adequate filing space and a secretary, the Group will continue to meet and act on an informal basis whenever its members feel it to be necessary.

regard the expenditure of an additional \$450,000,000 for inadequate public protection any improvement over individual expenditures for inadequate private protection."

The letters, well over 500 of them, were sent to Washington February 17; Professor Eden was assisted by a crew of Senior House residents in the tedious job of stuffing, addressing, and stamping envelopes. About a dozen replies have been received so far, according to Eden, "most of them friendly but non-committal." One answer, Rep. Hodliff, stiffly maintained that his committee (Atomic Energy Sub-committee) was investigating not the advisability of a shelter program but only the most effective way of carrying one out.

#### Favor Clearing House

Regarding the establishment of a national Clearing House, the Group's efforts have been rewarded by favorable responses from groups of professors in Connecticut, Oregon, Western Massachusetts, Albany, New York City, Cleveland, Philadelphia, St. Louis, Rochester, and many other areas. According to the letter sent out in January by the Boston-Area Faculty Group, such a Clearing House would: "(1) receive and distribute information about activities, studies, and initiatives from the local groups, their members, as well as the Govern-

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**Sees Student Support**

**SCEP Supports Suggestion For Speed Reading Course**

The Student Committee on Educational Policy discussed speed reading, freshman feedback, and educational creativity at its last meeting.

SCEP suggested that a course in speed reading be given, starting next year. SCEP feels that the student body supports this idea, and that financial considerations seem to be the only thing holding it back.

In a few weeks, a freshman

feedback system will be put into effect in a limited number of sections. The freshmen will have an opportunity to comment on their lecturers. This program is similar to the one operative in Course VI.

SCEP is considering an analysis of the attitudes of the Tech student. A questionnaire is being planned which will try to find the relation between MIT and student creativity. The questionnaire should be out this term.

**Stratton And Deans Will Discuss Courses**

Course selection will be discussed by President Julius Stratton and the academic Deans in Kresge Auditorium, March 19, at 8 p.m. It is the first in a series of activities planned by the Freshman Advisory Council to assist undecided freshmen and sophomores.

Students are required to enroll in a course by the end of the sophomore year.

Those scheduled to speak are Dean Howard Johnson of Industrial Management, Dean George Harrison of Science, Dr. H. Guyford Stever of Engineering, Dean Pietro Belluschi of Architecture and City Planning, and Dean John Burchard of Humanities and Social Science. Professor Nathan Cook will explain the procedures involved in registration for a course.

**Pending Civil Rights Bill Is Subject Of Talk Today**

Rev. Robert L. T. Smith, the first Negro to run for Congressional office in Mississippi since the Reconstruction, will speak to the Civil Rights Committee in 14-E310 today.

**Tour Chaperons Sought; Applications Due Friday**

Applications for positions as American Field Service bus chaperons must be submitted by Friday to Room 7-183. MIT students selected will chaperon 17 to 19-year-old exchange students on bus trips next June.

**Dorm Officers Are Elected; Assume House Leaderships**

Elections for dormitory officers were held during the past few weeks.

Ira Blumenthal was elected President of Baker House. Bob Scott is the new Vice-President, Larry Krakauer is Secretary, and Dan Ross is Treasurer. Bob Scott is the Representative to Dormitory Council, and Bruce Sisenstein is Judcomm Chairman. Other members of Judcomm are Pete Rupp, Roger Gans, Alan Ramo, and Warren Sewall.

The new Burton House President is Mike Morrissey. Mickey Rainier is the Representative to Dormitory Council, Frank Verlot is Chairman of Judcomm, and Bob Howie, Dave Snow, Ralph Zimmerman, and Pete Marchese are the Judcomm members.

Jim Daley was elected East Campus President; Lee Perry, Secretary; and Epi Embiricos, Treasurer. Tom Maugh is the East Campus Representative to Dormitory Council, and Tom Emerson is Chairman of Judcomm.

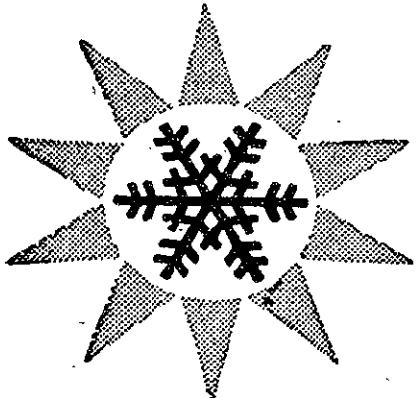
Larry Erdmann is the new President of Senior House; Dave Lerner is Secretary, and Jim Ruitenberg is Treasurer. Frank Darmory is the Representative to Dormitory Council, and Jim Fink was elected Chairman of Judcomm.

**STRICTLY FOR STUDENTS**

You may have questions about liberal religion. There is no one better able to answer these than Dr. Dana McLean Greeley, the President of the Unitarian Universalist Association. He will be on hand this Sunday, March 18th at 3 o'clock when the Liberal Religious Students of Boston hold their weekly get-together. The Student Center is located at 64 Marlborough St. — 3 blocks from the Arlington St. MTA station.

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**Rabbi E. Berger To Speak About Judaism, Zionism**

Rabbi Elmer Berger, executive vice-president of the American Council for Judaism will lecture on "American Judaism or Zionism?" Monday at 5 p.m. in the Little Theatre, Kresge Auditorium. The public is invited to the lecture, sponsored by the Arab Club.

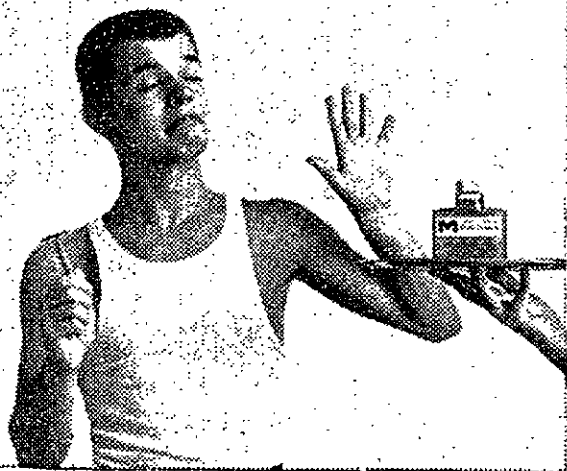
A writer and lecturer, Rabbi Berger has contributed largely to the question of the integration of the Jews within the American society. In his book, *Judaism or Jewish Nationalism: The Alternative to Zionism*, Rabbi Berger discussed the two drives that Jewish society in the US experiences nowadays.

Sunday Evening MARCH 18 at 8 o'clock  
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 (of France to the U.S.)  
**"France and World Affairs"**  
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"Jason, you dolt! You know I use only Mennen Skin Bracer after-shave lotion."

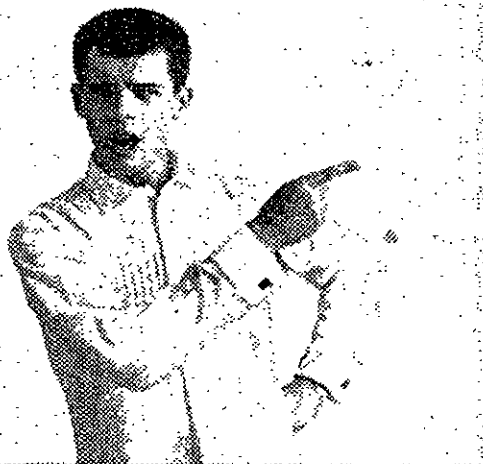
"Of course, sir. And this..."



"I've told you that Skin Bracer cools rather than burns. Because it's made with Menthol-Ice."

"Quite, sir. And this..."

"Besides, that crisp, long-lasting Bracer aroma has a fantastic effect on girls."



"Indeed so, sir. And..."

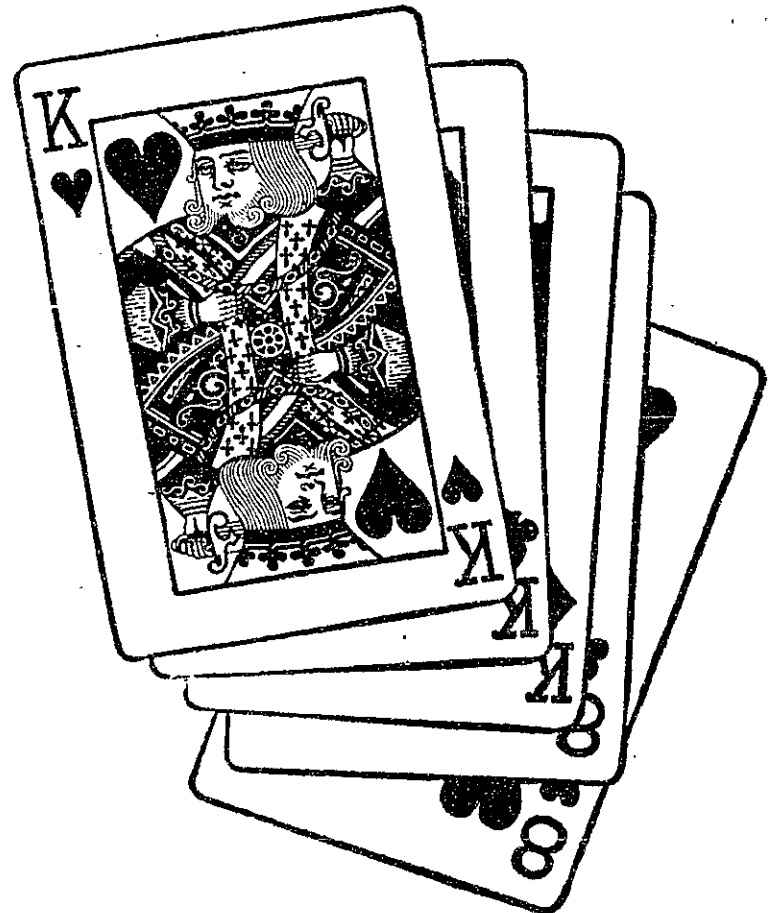
"Tonight I need Skin Bracer. I'm going to the Prom. So take that stuff away and get me some Skin Bracer!"

"But sir, this is Skin Bracer. They've just changed the bottle. Shall I open it now, sir?"

\*



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# THE TECH

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Deadlines: Advertising, noon Thursday. Entertainment Features, Letters to the Editor, Photography, Sports, noon Sunday. News, 7 p. m. Monday.  
Make-up: Editorial, Sports, Entertainment Features - Sunday, 1-4 p. m. News - Monday, 7-11 p. m.  
Office Hours: Monday, 11-12; Tuesday, 11-12, 2-4; Wednesday, 11-12, 2-4; Thursday, 10-11, 2-4; Friday, 11-12, 1-3.

Unsigned editorials appearing in THE TECH constitute the opinion of the newspaper's Board of Directors, and not that of MIT. The newspaper welcomes letters from its readers. Space permitting, such letters will be printed in whole or in part, if deemed by the editor to be of sufficient interest or benefit to the community. Brevity increases the chance of publication. Anonymous letters will not be printed. Names will be withheld upon request.

The Board of Directors of THE TECH is pleased to announce the appointments of Jason Fane of Burton House and Brooklyn, New York, as News Editor and of Howard Ellis of Alpha Epsilon Pi and Belleville, New Jersey, as Sports Editor. Both had been acting in those capacities during the term.

## Perspectives On An MIT Education I

(This is the first of a three part report written by Richard Stein as the culmination of his experience as chairman of the Student Committee on Educational Policy. The Tech is pleased to publish excerpts from it and urges your consideration of the points mentioned herein—Ed.)

MIT was created in response to the demands of the technical and industrial revolution. As this revolution changes, as new sectors of the economy become predominant, so must the MIT education change, and the emphasis of the education adapt . . . Education is in effect a carefully planned simplification of reality such that it permits the individual to be effective in meeting life situations . . . A technical education is simply one which takes particular account of one of the central facts of our times, the impact of technology on society . . . If values and technology were relatively constant over a period of 30-40 years, the effective working lifetime of a university graduate, one would conceive of a group of educational mappings which would complement each other so as to maximize the effectiveness of the technical community in terms of the given constant value . . . This is, in effect, the rationale for a set course structure . . . There are, however, two major limitations to this plan; first, the tremendous growth and diversity of the body of knowledge would require a rapidly increasing number of courses. However, since population and particularly the size of educational institutions are not expanding at an equally rapid rate, there are obvious practical limitations to such an increase in numbers of courses. Secondly, the technical change seems to be accelerating, making the 30-40 year steady state assumption increasingly meaningless.

To adapt to this situation two alternatives are available: 1. continuing attempts to delve deeper and find more basic, relatively unchanging bases for a set

curriculum, coupled with the introduction of more electives, and means of more rapid curriculum adjustment to the changing environment. 2. the introduction of more time for independent though supervised study and work in the areas of rapid change. With faculty help and individual efforts the student learn to compete with and thrive in a dynamic situation. . . .

Those universities, primarily the European universities, who valued the long-term stability of the curriculum over centuries were long ago forced to accentuate the independent study sector and this resulted in the full flowering of the idea of academic freedom and of tutorial methods. American universities and particularly technical schools such as MIT with greater curriculum flexibility opted for large amounts of fixed curricula with relatively small amounts of time for independent study . . . Where the dynamics of the situation had to be faced, alternative one, particularly curricula revision, was used . . . This method is less and less satisfactory as technological change accelerates . . . as the dynamic features of the process become more and more pronounced, teaching any set body of knowledge, no matter how elegant, becomes less sufficient to student needs. One might take issue and suggest that the dynamics of the situation should be analyzed and taught as a set body of knowledge. That the general dynamics of the situation can be understood in a general statistical way has been demonstrated in different contexts by Professors Forrester and Rostow. However, as with most general statistical means, when it comes to the dynamics in the single field of a research worker's interest, one can say very little . . . if MIT is to retain its goals as an institution to educate leaders, its students must not only be able to survive despite the changes in technology; they must know how to excel because of these very changes.

## Freshman Orientation II

It is clear now that for this year at least, there will be no major revision in the timing of Freshman Weekend. We would like to go on record once again in favor of an organized Institute-wide orientation for Freshmen before rush week.

At the end of rush week, about 300 freshmen arrive for freshmen weekend and occupy dormitory rooms, some of which are shared by their colleagues who for one reason or another did not join a fraternity. For these people there will not be any opportunity to meet the third of their class which has already decided to live across the river. The rift is built in; there will never be any class structure or cooperation which is really workable. Yet, just a few days of being together as a group could go a long way to alleviate this situation.

On the other hand, we should like to point out for those who think that the ideal would be deferred rushing that the homogeneity of the MIT residence community owes a great deal to the short rushing period. If there were a full term before rushing took place, then we would run the risk of "typed" houses and dormitories, which we believe to be undesirable.

Many Freshman Coordinating Committees have recommended that something be done about this, some have specifically recommended this step. When are we going to realize that despite the problems, it is worth a try.

## Letters to The Tech

### Young Republicans Object to Public Affairs Issue

To the Editor:  
Throughout the UAP campaign which is just coming to a close as we write, one of the most important issues has been the part that national political issues should play in campus politics. During the campaign, many of the issues on this topic were misrepresented, but in objectively examining this problem, it seems that there are at least three reasons why an Incom Subcommittee on National Political Affairs should not be adopted as a portion of MIT Student Government.

First, the UAP and Institute Committee represent to the public an image of the MIT student. Therefore, a single political subcommittee regardless of how unbiased it tries to be necessarily does present a single political image to the public—an image which will probably not be typical of the political point of view of the "Tech Man".

Furthermore, even though a political subcommittee is initially operated by a group of political moderates for the purpose of educating the MIT student, it seems that the committee is inherently likely to gain membership of individuals with extreme points of view. Generally students with neutral political views are not very interested in political work. It is the extremist, whether from the far right or left, that tend to volunteer for such work. Therefore, such a political subcommittee over a period of a few years is very likely going to be lead by extremists. As Mr. Eagle, who

feels that such a political subcommittee could be established at MIT stated at a Young Republican Club meeting on March 8, 1962:

"In schools where public issues have entered student politics they have often resulted in misrepresented abuses." Realistically, it seems that such abuses are a definite possibility—if not in the immediate future, within a few years after such a committee is established.

A second reason for the rejection of such a committee is the time element. Officials of student government are already hard pressed for finding sufficient time for normal student affairs. Then why should we spread the efforts of these student leaders more thinly by also including national political issues in the agenda of problems which they must consider.

A third point seems to be the lack of need for such a committee. Already the MIT Community has groups such as the Civil Rights Committee, RADP, YRC and others who express various political points of view. By a combination of the literature of a couple of these groups, one can examine both sides of many controversial issues. Furthermore, we think that we can credit the MIT student with sufficient intelligence to determine what material he chooses to read on any political issue.

In light of these points, we certainly hope that responsible people in student government will not choose to increase the scope of campus political issues to the national level.

John Castle  
for MITYRC Exec. Com.

## Kibitzer

By Steve Levy '63

When East opened with the weak two spade bid, he presented South with a very difficult bidding problem. The strength of South's holding is extremely dependent on what honors North might have. If South doubles, he must be prepared to respond to a probable three heart bid from partner and the auction will certainly get out of hand (North may well respond four hearts expecting to find South with a heart suit). If South instead tries an unusual no-trump bid, he will have to force the bidding to the four level where partner may well hold ♠Kxx, ♥Axxxx, ♦Qxx, in which case three no-trump is the best gamble.

In think South made a good bid of three diamonds because it allows more room to explore and South can show a true picture of his hand much easier. The danger is that game will be missed if North holds something like ♠Jxx, ♥Qxx, ♦Qxx, ♣QJxx, where he probably will not make a bid. It's likely, though, that they wouldn't get to five diamonds under an unhampered sequence anyway.

North's three no response is correct in view of his general strength and spade stoppers. South showed his distribution by bidding four clubs and North made a good bid by carrying on directly to game. South bid six diamonds and although it was as much a guess as anything else, he had some reason in the fact that North had shown strength, but had not cue bid either the ace of hearts or spades when he had the chance. So there was a better chance that his points were the right ones.

The play to the first trick is the whole hand, so figure out what you would play as South and as East before reading on. When the hand was played, South covered with the queen of spades and East played the ace. Now declarer drew trump

NORTH	
♠ K Q 3	
♥ Q J 6 2	
♦ Q 10 9 8 7 6 5 4 3 2	
♣ A 4 3	
WEST	
♠ 9 7 4 2	
♥ 7 5 3	
♦ 5 3 2	
♣ Q J 7	
EAST	
♠ A-J 10 8 6 5	
♥ A 10 9 6	
♦ 4	
♣ 10 5	
SOUTH	
♠ —	
♥ K 4	
♦ A K J 8 7 6	
♣ K 9 8 6 2	

North-South Vulnerable.  
Bidding:  
West North East South  
P P 2♠ 3♦  
P 3NT P 4♣  
P 5♦ P 6♦  
All Pass  
Opening lead: ♠2

ending up on the board and led a low heart toward the king. If East takes the ace, declarer will discard one club on the king of spades and two more on the good hearts in dummy. If East ducks, then South will throw the last heart on the king of spades and give up one club trick. Either way he makes six diamonds.

East can set the hand by ducking the queen of spades at trick one. Now South must discard immediately; if he throws a heart East will take his ace and South has only two club pitches-down one. If South throws a club East will duck the first heart lead and South will have only one club pitch because at the hearts do not set up — down one.

However South should never play the queen of spades in the first place. Thus he can reserve his discard until he leads a heart through East — The same line of play which worked when East covered the queens with the ace.

The MIT bridge club will hold individual championship games this Saturday at 1:30 in the Walker Blue Room.

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March 16-18, Cannon Mountain and Mittersill in Franconia.

March 23-25, Cannon Mountain and Mittersill in Franconia.

March 30-April 1, Stowe-Mt. Mansfield, Vt.

Canada, Mont Tremblant, April 18-22 (Leave Wed. 2:00 P. M. — remember, Thursday is a legal holiday — return Sunday evening).

P.S. We have one day trips to Belknap every Saturday. For information write or call USC headquarters at 419 Boylston Street, Room 312, Boston 16, Telephone CO 2-0440, day or evening.

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## College World

## Engineers Dress As Plumbers — Work Overtime In UBC Buildings

By Toby Zidle '63

A Canadian education is sometimes an unusual thing. Take, for example, the University of British Columbia. According to reports in UBC's Newspaper, *The Ubyyssey*, the past month has been a banner month for "extra-curricular" activities. The following story (reprinted verbatim) is an excellent example of how UBC's Engineers are active above and beyond the call of duty.

"Toilet seats were at a premium Wednesday.

"Demand shot sky-high after pranksters made off with 101 toilet seats from washrooms in the Buchanan, Chemistry, and Physics buildings, and the Library Tuesday night.

"Wednesday morning early-birds arriving at the Physics building washroom found only one toilet intact.

"By the middle of the morning students were lined up twenty deep outside the single fully-equipped toilet.

"Both male and female water closets were hit.

"The practical jokers, reportedly dressed as plumbers, moved in on the buildings shortly after 8 p.m. Tuesday.

"The raid was carried off smoothly except for one incident, usually reliable sources told *The Ubyyssey*.

"As two of the pranksters came out of a Library washroom clutching several toilet seats, they were confronted by a Buildings and Grounds night foreman.

"The pair told the man they were removing the seats on orders of Wesbrook officials who were investigating a 'complaint.'

"Having convinced the foreman, the two slipped the seats into a canvas bag and left, it was reported.

"Unsmiling B & G officials Wednesday warned that unless the errant seats find their way home, the guilty parties will be presented with a bill for \$808.

"The threat apparently did not go unheeded, for by noon Thursday B & G reported that 58 of the missing seats had been returned anonymously.

"The Engineering Undergraduate Society has claimed it can guarantee the return of missing seats."

The *Ubyyssey* of the next Tuesday had a front-page "flower" picture, with the caption: "Toilet seats stolen by Engineers last week blossomed forth in the Faculty Club rose gardens Saturday morning. It was found that they were decorative there but of little practical use, and B & G workmen have since returned them to the Buchanan, Education, and Physics buildings."

Comments from UBC's faculty members were varied. The head of the Classics depart-

ment said, "The 'disappearance' of necessary pieces of 'furniture' from three campus buildings was a good joke," and added that he wished he had thought of it when he was a student at UBC.

The Dean of Applied Science, on the other hand, has vowed eternal vengeance on the Faculty (School) of Arts and Sciences. He returned to his home after the Engineers' Ball—to find his toilet seat missing.

### New Exhibit At Library

Rivalry runs strong in Vancouver, however, and the Music Society refused to bow to the "creativity" of the Engineers. So the Music Society sponsored an event which led to the *Ubyyssey* headline: "Five mattresses bounce as coeds 'made' in beds."

The time of the event was noontime, Monday, February 19. The place was the lawn in front of the UBC Library. The number of student onlookers grew to 500. The event?—a contest among several of UBC's extra-curricular organizations.

The contest rules were: "Each team has six members dressed in sleeping attire; two members to be lying on the bed at all times. Beds are to be bunks; top bunk to be made. Two blankets, two sheets, a pillow, and pillow slip are needed. The prizes—free tickets to the Music Society's production, "Once Upon a Mattress."

The contest apparently came off without a slip, as both men and coeds in night attire (which *The Ubyyssey* described as "more revealing in some cases than in others") scampered about the lawn tucking each other in. Home Economics took first prize. One of the 500 onlookers observed, "There ought to be a moral there somewhere."

### Border Skirmishes

The spirit of adventure then spread off campus. In fact, the UBC Engineers went international. As the sun rose in the east over the Seattle campus of the University of Washington, the groundskeeper made his appointed 6:15 rounds to the 122-foot flagpole to raise Old Glory. But a flag was already there. The UBC Engineers' pennant was flying proudly in the wind. The ropes had been jammed and it was too windy to climb the pole. For a whole day the UBC flag ruled over the Washington campus.

But revenge came quickly — four days later, in fact. To quote *The Ubyyssey*: "For there, on top of UBC's 44-foot flagpole, bravely flew—not the Canadian flag, not Old Glory, but eight white jockstraps and one white towel with 'UW' in crude black letters."

The pole ropes were cut or so badly knotted that the "flag" could not be lowered. Instead, UBC officials had to lower the flagpole.

## SIC FLICS



"I say, is there a tobacco field somewhere near here?"



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**On Campus** with Max Shulman  
(Author of "Rally Round The Flag, Boys", "The Many Loves of Dobie Gillis", etc.)

**SHAKESPEARE DOESN'T LIVE HERE ANY MORE**

A recent and most heartening development in American college life has been the emergence of the artist-in-residence. In fact, the artist-in-residence has become as familiar a sight on campus as Latin ponies, leather elbow patches, Rorschach tests, hula hoops, and Marlboro cigarettes.

And we all know how familiar that is—I mean Marlboro cigarettes. And why should it not be familiar? Why, where learning is king, where taste is sovereign, where brain power rules supreme, should not Marlboro be everyone's favorite? The same good sense that gets you through an exam in Restoration Poetry or solid-state physics certainly does not desert you when you come to pick a cigarette. You look for a flavor that is flavorful, a filter pure and white, a choice of pack or box, a lot to like. You look, in short, for Marlboro—and happily you don't have to look far. Marlboro is available at your friendly tobacconist's or vending machine, wherever cigarettes are sold in all fifty states and Las Vegas.

But I digress. We were speaking of the new campus phenomenon—the artist-in-residence—a man or woman who writes, paints, or composes right on your very own campus and who is also available for occasional consultations with superior students.

Take, for example, William Cullen Sigafos, artist-in-residence at the Toledo College of Belles Lettres and Fingerprint Identification.

As we all know, Mr. Sigafos has been working for many years on an epic poem in rhymed couplets about the opening of the Youngstown-Akron highway. Until, however, he went into residence at the Toledo College of Belles Lettres and Fingerprint Identification, his progress was not what you would call rapid. He started well enough with the immortal couplet we all know: *They speed along on wheels of rubber, rushing home in time for supper...*

Then Mr. Sigafos got stuck. It is not that his muse deserted him; it is that he became involved in a series of time-consuming episodes—a prefrontal lobotomy for Irwin, his faithful sled dog; fourteen consecutive months of jury duty on a very complicated case of overtime parking; getting his coattail caught in the door of a jet bound for Brisbane, Australia; stuff like that.

He was engaged in a very arduous job in Sandusky—posing for a sculptor of hydrants—when an offer came from the Toledo College of Belles Lettres and Fingerprint Identification to take up residence there, finish his *magnum opus* and, from time to time, see a few gifted students.

Mr. Sigafos accepted with pleasure and in three short years completed the second couplet of his Youngstown-Akron Turnpike epic: *The highway is made of solid concrete and at the toll station you get a receipt.*



"What is truth?" said one.

Then a few gifted students came to visit him. They were a prepossessing lot—the boys with corduroy jackets and long, shaggy beards; the girls also with corduroy jackets but with beards neatly braided.

"What is truth?" said one. "What is beauty?" said another. "Should a writer live first and write later or should he write and do a little living in his spare time?" said another.

"How do you find happiness—and having found it, how do you get rid of it?" said another.

"Whither are we drifting?" said another.

"I don't know whither you are drifting," said Mr. Sigafos, "but as for me, I am drifting back to Sandusky to pose for the hydrant sculptor."

And back he went, alas, leaving only a fragment of his Youngstown-Akron Turnpike epic to rank with other such uncompleted masterpieces as Schubert's Unfinished Symphony, the Venus de Milo, and Singer's Midgets.

Take cheer, good friends, from one masterpiece that is complete. We, refer, of course, to Marlboro cigarettes. Filter and tobacco end are both as good as tobacco artistry and science can make them.

Entertainment-wise

French Ambassador At Jordan Hall

By Tom Maugh

Herve Alphan, the Ambassador of France to the United States, will speak Sunday evening on "France and World Affairs." A long history of top-level negotiations as France's delegate to the United Nations and its Security Council, as well as to NATO, has given Mr. Alphan a unique background in international affairs. A Commander of the Legion of Honor, Ambassador Alphan was a key figure in the Marshall Plan, as well as a delegate to the Conference on European Economic Cooperation, and a former French ambassador to Russia. The lecture will begin at 8 p.m. in Jordan Hall.

"Where the Boys Are" will be presented by the LSC Saturday night as the regular entertainment film of the week. Every year Fort Lauderdale, Florida, becomes the mecca for thousands of students from eastern and midwestern universities who invade that resort city to spend their spring vacations, bask in the sunshine, and engage in a constant round of hi-jinks, mostly harmless, but some vicious. This is the story of four girls who make the pilgrimage and what they encounter at the end of their trail. Their leader is Dolores Hart, who faces expulsion from her university because of her frank, daring classroom-voiced viewpoints on sex, and who is searching for honest love. Another, Yvette Mimieux, is less fortunate in her pursuit of romance, and undertakes suicide.

The film will be shown in room 10-250 at 5:15, 7:30, and 9:45.

The New England Conservatory Opera Department, Boris Godolovsky, director, will present "King Theodore in Venice" Thursday, March 15, at 8:30 p.m. in the Conservatory's Jordan Hall.

This opera made its New York City premiere in September of 1961 with the International Congress of music Colleges. It was chosen by Mr. Godolovsky for this presentation after a request that he find an opera both new and interesting. Its composer, Giovanni Paisiello, has been described as the "finest composer of the 18th century."

The production is free to the public.

WGBH-FM will continue its series of drama in stereo this Sunday with the production of "The Birds" by Aristophanes. This version of the play, newly translated by William Arrowsmith, will be presented at 8 p.m. on World Theatre. WGBH broadcasts at 89.7 mc on the FM dial.

This LSC will present the first of the silent movies in this term's classic film series Friday night with the showing of "Kismet" and "The Headless Horseman." The first of many adaptations of "Kismet," this film stars Otis Skinner in the role of Hajj, the beggar. "The Headless Horseman," the adaptation of the Washington Irving short story, "The Legend of Sleepy Hollow," stars Will Rogers in the role of Ichabod Crane, the lanky school teacher. The movies will be accompanied by appropriate music from the hands of Joe

"Fingers" Pellini, who will play the piano during the screenings.

The films will be shown in room 10-250 at 6:30 and 9 Friday night.

A program of compositions by Ned Rorem will be performed by Barbara Wallace, soprano, and Richard Conrad, tenor, with Ned Rorem on the piano, this Sunday at the Isabella Stewart Gardner Museum.

Born in 1923, Ned Rorem, American composer, received his musical training in Chicago, won a scholarship at the Curtis Institute, Philadelphia, in 1942, and later studied at the Juilliard School of Music in New York. He has studied privately with Aaron Copeland and Virgil Thomson. In 1949 he received the Gershwin Memorial Award, in 1950 the Lili Boulanger Award, and in 1951 a Fulbright Fellowship.

The concert, which begins at 3 p.m., is free to the public.

A reading of "Gallows Humor", a new play by Jack Richardson, will be featured at the monthly meeting of the MIT Community Players Wednesday, March 21, at 8 p.m. in the penthouse of the Faculty Club. Cocktails at 5:30 and dinner at 6:30 in the Faculty Club will precede the program. For dinner reservations, call Joanne Miller, MIT extension 2902.

The Community Church of Boston will present an exhibit of watercolors by Laurence Russell Webster of Boston for the month of March, 1962.

Larry Webster is a graduate of the Massachusetts College of Art and BU. It was at the latter school that he developed his thesis on experimental animation techniques that may be used in producing low-cost films for educational purposes. He is a young, independent artist working in the medium of watercolor with great perception, maturity, and creativeness which at times reveals a soft, almost mystical quality.

The exhibition will be at the Community Church Center, 565 Boylston Street (Copley Square), and is open to the public.

John Skelton of the New England Conservatory of Music will present an organ recital this Sunday afternoon in the MIT Chapel. The concert, which will begin at 4 p.m., is free and open to the public.

Baker House will hold its annual open bid party, "Las Vegas Night", next Saturday night at the House. Tickets for the event, which costs \$3.00 per couple, may be picked up after Wednesday in the lobby of Building 10, or at the door that night. The party begins at 8:30.

The work of Vincent Van Gogh, a key figure in modern art, will go on public view at the Museum of Fine Art March 22. This spectacular exhibition of over 140 paintings, watercolors, and drawings is the first Boston showing of Van Gogh's work since 1935.

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## Band Presents Spring Concert

The MIT Concert Band, conducted by John Corley, and recently returned from a successful tour of four eastern cities and universities, will give their spring concert on Saturday, March 17, at 8:30 p.m. in Kresge Auditorium. Unique among college bands, the MIT Concert Band is noted for its performance and promotion of original compositions for "Symphonic" band.

The program will include Bernard Rogers' "Three Japanese Dances," with soprano, two pianos, and celeste; Gustav Holt's "Hammersmith"; and two recent manuscripts by Edward Madden: "Folksong Piece" and "Symphonic March No. 1." Madden, who is working his way toward a degree as doctor of music, has been the orchestrator for several years of the "Tech Show."

"Prelude and Dance" by Paul Creston, the first Boston performance of "Ode and Scherzo" by Ihrke, and a folk symphony, "Fiesta Mexicana" by Owen Reed will follow the intermission.

Tickets are free to the MIT community if obtained prior to the concert from the booth in Building 10. Otherwise, they will be \$1 at the door.

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## Dave Brubeck To Make Repeat Appearance In Kresge Friday Night

Dr. David Brubeck and his quartet will return to MIT for a Friday, March 16 performance in Kresge Auditorium. The Brubeck concert, which is the final presentation in the Guest Artist Series sponsored by the MIT Choral Society, will begin at 8:30 p.m.

Dave Brubeck, who studied piano and composition under Darius Milhaud at Mills College on the West Coast, was encouraged by Milhaud to work in the jazz idiom. With Paul Desmond on the alto saxophone, Joe Morello on drums, and Gene Wright, string bass, the quartet has won top jazz honors and achieved distinction in the annals of jazz history.

The Brubeck group on tour has often covered the United States from its home area of San Francisco to Carnegie Hall, and has recently toured the Middle East, Europe, and India for the US State Department.

Kresge Auditorium is sold out for the event.

## Folk Songs Featured

## Ted Wood To Sing, Lecture For Course XXI Society Sunday Night

Professor Theodore Wood, Jr., Associate Professor of English in the MIT Department of Humanities, will present a talk, illustrated with songs, on "American Folk Lore and Folk Songs" Sunday evening, March 18, at 7:45 p.m. in the Hayden Library Lounge.

Professor Wood has been playing the guitar for fifteen years, since he was a graduate student at Harvard. Besides teaching both a class and a freshman seminar in American folklore, he is now collecting material for a book of American folk songs.

For the past three years, he has been singing with some degree of regularity on radio station WHDH, although he has sung on other stations and made several TV appearances. He collects his material from records, books, and people, but says that he most enjoys swapping songs with other folk song enthusiasts that he encounters.

The talk, which is sponsored by the Course XXI Society, is open to the public, and will be followed by coffee and doughnuts.

## WTBS To Air Live Broadcasts From Folk Song Center: Club 47

WTBS inaugurated March 10 a unique type of radio program in the Boston area, a series of weekly broadcasts of folk music, live and direct from Club Mount Auburn 47—one of Boston's leading folk song centers. Outstanding folk artists such as Mitch Greenhill, Pete Stanley, Rolf Cahn, Ted Alvezios, the Charles River Valley Boys, Alex Lukeman, Jim Rooney, and Bill Keith will appear regularly on these programs to be heard on the MIT radio station operating at 88.1 mc FM and 640 kc AM in the dormitories.

This series is designed to give

the listener the opportunity to hear folk music in the intimate atmosphere of a Harvard Square coffeehouse. The program also introduces new folk talent to a wider listening audience.

Club Mount Auburn 47 was among one of the first places to introduce regular performances of leading folk artists around Boston. Many of the performers who have appeared at Club 47 have become nationally established artists — including Joan Baez, Rolf Cahn, Eric Von Schmidt, and Ted Alvezios.

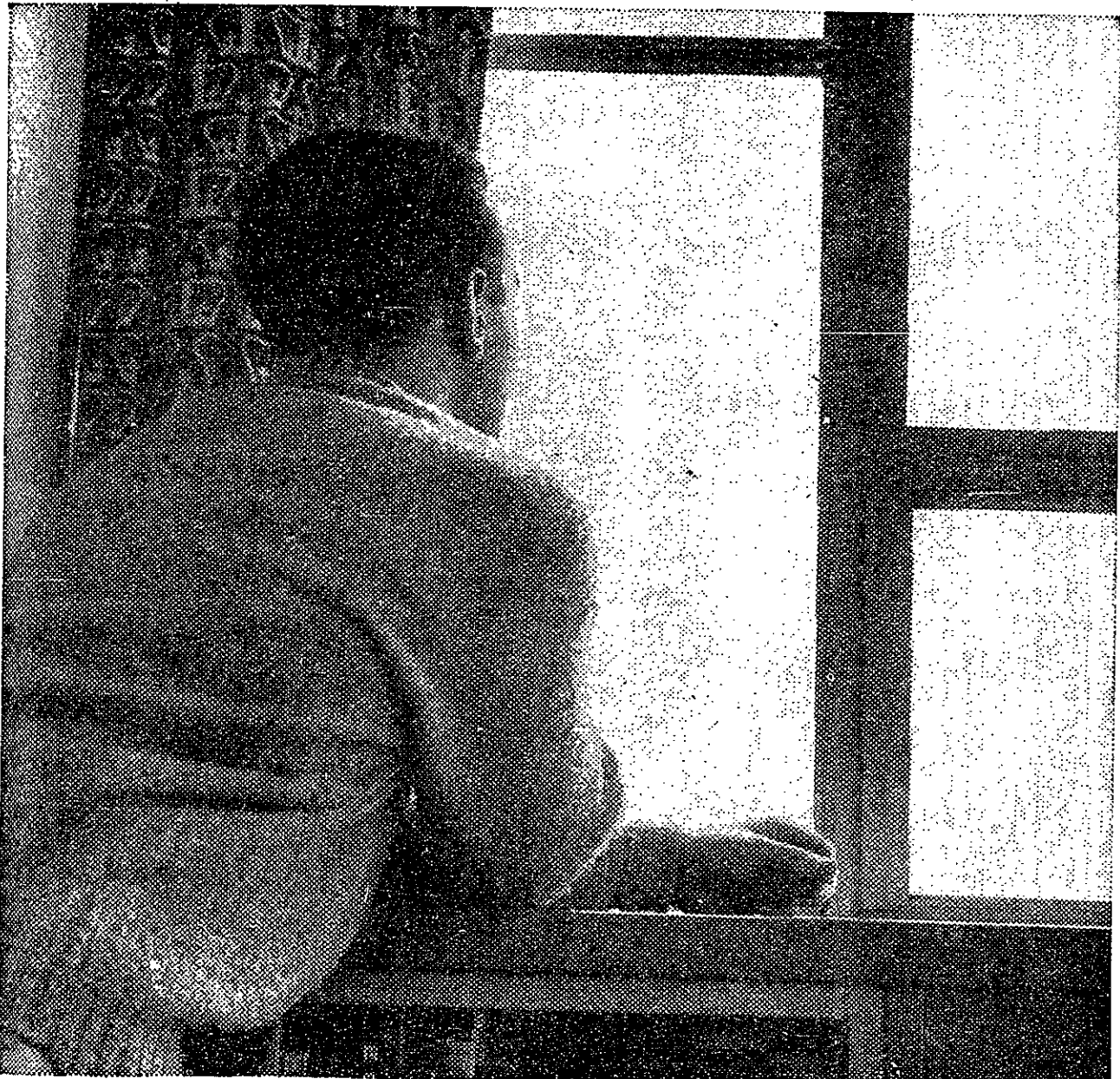
The series opened last Saturday with Pete Stanley and Tom Rush performing. March 17 the program will feature Pete Stanley and the Charles River Valley Boys. The latter group plays blue grass and "old timey" music. The members are Bob Siggins, John Cook, and Ethan Signer, all grad and undergraduate students.

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**'In The Zone', 'The Rule And The Exception' To Be Dramashop One-Act Offerings Friday**

Dramashop will present two one-act plays this Friday at 8:30 p.m. in the Little Theater. The first is one of Eugene

O'Neil's early sea plays, "In The Zone," second, "The Rule And The Exception," by Bertolt Brecht.

**Fraternity Preferences Are Subject Of Lecture Today**

Tangent will present a lecture by Steve Brams, '62, entitled "A Fraternity Looks at Its Racial and Religious Preferences," tomorrow at 8 p.m. in the Library Lounge, 14-E310. A discussion will follow.

"In The Zone," set on a tramp steamer just before WWI, is directed by Rob Lanchester and has an all-male cast. Brecht's play, "The Rule And The Exception," is directed by Dick Hornby, the director of this year's Tech Show, and is set in China.

The program is free and open to the public. An informal critique and coffee with the cast will follow the production.

**700 Now In Field**

**Peace Corps Seeks 5000 Overseas By October '62**

"By October of this year we hope to have 5000 volunteers serving in the Peace Corps overseas, as contrasted with the 700 now working. These people will be serving in over 30 different countries in jobs ranging from city planning to operating road building machinery."

Dr. Rogers B. Finch, Chief of the Division of University Relations of the Peace Corps, offered these and many other ideas in the lecture given Monday night by the Lecture Series Committee. He visited the MIT campus in hopes of creating some new interest in the Peace Corps and of attracting volunteers for their overseas program.

"Peace Corps members do not help a village, but rather help the villages to help themselves, thus 'energizing' the village through word, deed, and so forth. It is a job that requires seven days a week and twenty-four hours a day of work, and one which reaps

little benefit." Thus, Dr. Finch briefly outlined the Corps' objectives of adapting local tools, materials, and talents in each country to their best uses.

"Although our people average about 24-25 years old, with some reaching as high as 65, they have one thing in common: they are all young in spirit." Each of these people is given a six to ten-week period of intensive training, not only in the area in which they are going to work abroad, but also a 're-education in American history and culture.' The history they have been taught in their schools is sufficient for normal, everyday purposes, but some of the questions they will run into overseas will require a much deeper and more thorough knowledge of American tradition."

Also, the candidates for the Corps are given a thorough indoctrination into the methods and mechanisms of communism and communist tactics so that they will be able to cope with whatever they meet. "We don't ask or desire the members to combat communism aggressively, but we do feel that they should be able to meet it whenever they are challenged."

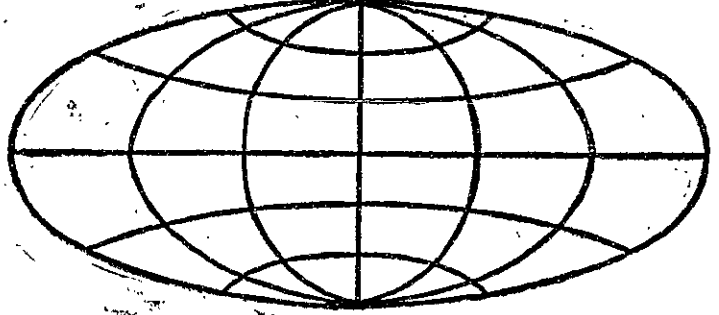
In addition to these things, an intensive training is given in the language which the members will use when they are abroad. They will not be able to complete their missions well if they are unable to communicate with the citizens of the country they are working in. "Many times we have to bring in instructors from abroad because the languages they will need, such as Tsee and Swahili, aren't normally taught in this country."

Cash payment for the Peace Corps members is small. "From the time they go into training to the time they return to America, they are given enough money for food, clothing, travel, and the necessities of life. When they return, there is \$75 awaiting them for every month they were abroad. This is all we offer them."

Evidently this was enough, for last year over 18,000 people applied for membership in the Corps. These people were then screened to find those who were the best fitted both intellectually and psychologically. "They have to be able to cope with the conditions they will meet, such as intense tropical heat, month after month, or with the necessity of living with strangers for two years. It can be very hard on a person."

Of the seven hundred who have gone abroad, only four have been recalled, two of them because of financial hardships in their families.

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The reach of the future ahead is indicated by current programs. Presently, Pratt & Whitney Aircraft is exploring the fringe areas of technical knowledge in *magnetohydrodynamics . . . thermionics and thermo-electric conversions . . . hypersonic propulsion . . . fuel cells and nuclear power.*

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Hear JOHN EMANUEL of NEW YORK "Paris Commune Commemoration" New Brunswick Hotel cor. of Norway St. & Mass. Ave., Boston Sunday, March 18, 3 p.m. Auspices of the Socialist Labor Party

**Special Programs:**

**Rabi Featured On WTBS**

WTBS' schedule presents tomorrow night at 8, the fourth in this year's series of Karl Taylor Compton Lectures, as Dr. I. I. Rabi speaks on "The Education of a Western Man." This, as with all the Compton Lectures, will be broadcast live from Kresge.

Sunday night at 8, they will play a tape of the Department of Humanities Poetry Evening which was held in the Hayden Library Lounge February 13. In this program, James Merrill, author of "Seraglio," an off-Broadway play, and several short stories, will read sections from his works and will answer questions from the audience.

Tuesday at 8, Dr. Rabi will give the fifth lecture in the Compton series, entitled "Physics: The Science in Permanent Revolution." And Thursday, March 27, at the same time, Dr. Rabi will present the concluding lecture in the series, "The Dilemma of Modern Physics."

WTBS broadcasts to the MIT dormitories at 640 kc on the AM band, and to Greater Boston at 98.1 mc on the FM band.

**music . . .**

**Glee Club Outstanding**

By Robert Goldstein

The Smith College Choir, under the direction of Iva Dee Hiatt, joined the MIT Glee Club for a combined concert in Kresge Auditorium Feb. 25.

The program opened with Professor Klaus Liepmann conducting the combined chorus and the MIT Brass Choir in Paul Hindemith's "Apparebit repentina dies." For his text, Hindemith chose an anonymous Latin poem written before 700 A. D. The music, composed in 1947, continually mirrors the character of the text. Hindemith has even gone so far as to preserve, musically, a number of peculiar accents that were contained in the original poem.

One would be hard pressed to find anything about which to complain in this performance. The clarity and precision of the chorus was striking, and the Brass Choir's handling of the difficult score was particularly noteworthy. A great deal of credit belongs to Professor Liepmann, who used the resources available to him in the creation of an eminently pleasing performance.

The remainder of the program was devoted to a vigorous and compelling reading of Bach's "Magnificat" with Miss Hiatt directing the chorus and orchestra. The "Magnificat" was writ-

ten to celebrate the Christmas of 1723, Bach's first year as cantor of St. Thomas in Leipzig.

If one quality can be singled out as most important in the performance of Bach, that quality would have to be precision; and, in last Sunday's concert, the two groups proved themselves more than adequate in this respect. The vocal soloists were Helen Boatwright, soprano; Ruth Sullivan, alto; Donald Sullivan, tenor; and Robert Patterson, bass. All of the arias were executed with an exactness and feeling that contributed to a very satisfying overall impression. Miss Hiatt used the orchestra very effectively. It was always present, but never covering either chorus or soloists.

The audience, which nearly filled Kresge Auditorium, proclaimed their approval with sustained and enthusiastic applause. We look forward to hearing the two groups perform again.

**Theatre Schedule**

**CHARLES** — "You Never Can Tell." Tues.-Fri. 8:30. Sat. 7:30. 9:00. Sun. 3:00. 7:30.  
**COLONIAL** — "I Can Get It For You Wholesale." Tues. 8:30. Mat. Thurs. & Sat. at 2:30. Through Sat.  
**DRAMASHOP** — "An Evening of One-Act Plays." Fri. 8:30.  
**IMAGE THEATRE** — "The Devil's Discourse" and "The Sandbox." Thurs. through Sunday. 8:30 and 10:30.  
**SHUBERT** — "The Music Man." Tues. at 8:30. Mat. Wed. & Sat. at 2:30. Through Sat.  
**WILBUR** — Opens Thursday — "A Thousand Clowns." Thurs. 8: other even 8:30. Sat. Mat. 2:15. Wed. Mat. 2:30.

**Movie Schedule**

**ASTOR** — "El Cid." Mat. Wed. Sat. & Sun. at 2 p.m. Even. at 8:15, except Sun. at 7:30.  
**BEACON HILL** — "One, Two, Three." 1:30, 3:30, 5:30, 7:30, 9:30.  
**BOSTON** — "Circus: South Seas Adventure." Mat. Wed., Sat. & Sun. at 2:30. Even. at 8:30, except Sun. at 7:30.  
**BRATTLE** — "The Green Mare." 5:30, 7:30, 9:30; "Ballad of a Soldier." starts Sun., 5:30, 7:30, 9:30. Mat. Sat. & Sun. 2:30.  
**CAPHI** — "A Majority of One." 2:10, 4:31, 7:02, 9:30.  
**EXETER** — "Murder, She Said." 2:00, 3:45, 5:35, 7:25, 9:10.  
**FENWAY** — "The Mark." 12:55, 3:07, 5:17, 7:30, 9:20.  
**GARY** — "West Side Story." Even. at 8:30. Mat. Sun. at 2:30.  
**HARVARD SQUARE** — "Tender Is the Night." 1:30, 4:05, 6:40, 9:15. "The Innocents." starts Sun., 3:05, 6:20, 9:57. "Dentist in the Chair." 1:25, 4:50, 8:10.  
**KEITH MEMORIAL** — "Mother Come Back." 9:30, 12:30, 3:41, 6:51, 9:58. "Mist of Silence." 11:17, 2:24, 5:30, 8:38.  
**KENMORE** — "A View From the Bridge." 1:15, 3:25, 5:30, 7:40, 9:45.  
**LSC** — "Kismet" & "The Headless Horseman." Fri. 6:30, 9:00; "Where The Boys Are." Sat. 5:15, 7:30, 9:45.  
**METROPOLITAN** — "Summer and Smoke." 10:00, 12:15, 2:30, 4:52, 7:05, 9:25.  
**PARAMOUNT** — "Satan Never Sleeps." 10:02, 12:57, 3:52, 6:37, 9:22.  
**SAXON** — "Judgement at Nuremberg." Even. at 8:15, except Sun. at 8:00. Mat. Wed., Sat. & Sun. at 2:30.  
**TELEPIX** — "The Magnificent Ambersons." 11:30, 2:35, 5:16, 8:09; "The Clown's Evening." 12:58, 3:51, 6:44, 9:37.  
**UPTOWN** — "Breakfast at Tiffany's." 1:00, 5:15, 9:30; "Picnic." 11:00, 3:15, 7:30.

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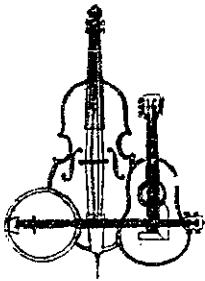
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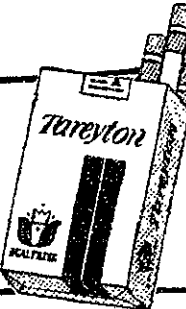
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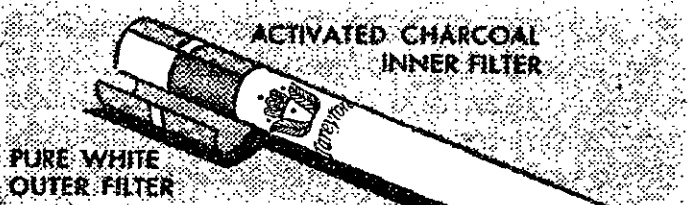
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# CALENDAR of EVENTS

\*Open to the public

## Wednesday, March 14

**OPERATIONS RESEARCH CENTER.\***  
Seminar: "Operations Research Applications in the Oil Industry." Mr. Robert Larsen, Esso Research and Engineering Company, Madison, N.J.  
Room 8-205, 2:00 p.m.

**MIT STUDENT NAVAL ARCHITECTURAL SOCIETY.**  
Meeting. Preparation for Parents Weekend. Coffee and doughnuts will be served.  
Room 5-311, 4:00 p.m.

**DEPARTMENT OF NAVAL ARCHITECTURE AND MARINE ENGINEERING.\***  
Seminar: "Yacht Design." Mr. Philip L. Rhodes, Naval Architect and Marine Engineering.  
Room 3-370, 4:00 p.m.

**MIT GRADUATE HOUSE.**  
Dinner meeting. Speaker: Dr. I. I. Rabi, Karl Taylor Compton Lecturer and Higgins Professor of Physics, Columbia University.  
Campus Room, Graduate House, 5:45 p.m.

**MIT CIVIL RIGHTS COMMITTEE.\***  
Lecture: Reverend L. P. Smith, first Negro candidate for Congress in Mississippi since Reconstruction.  
Hayden Library Lounge, 14E-310, 8:00 p.m.

**LECTURE SERIES COMMITTEE.\***  
Lecture: "Scientific Ethics." Ayn Rand, novelist. Admission free.  
Kresge Auditorium, 8:00 p.m.

**YACHT RACING UNION OF MASSACHUSETTS BAY.\***  
Yacht design seminar. Mr. Philip L. Rhodes, Naval Architect and Marine Engineer. Admission \$1.00.  
Room 10-250, 8:00 p.m.

**MIT HILLEL SOCIETY.\***  
Israeli Dancing. Admission 50c.  
Walker Memorial, Room 201, 8:30 p.m.

## Thursday, March 15

**ORGAN RECITAL.\***  
Noonday organ recital: Victor Mattfeld.

Institute Organist. Admission free.  
Kresge Auditorium, 12:15 p.m.

**COMPUTATION CENTER.\***  
Tour of the Computation Center with demonstration of the IBM 7090 Computer.  
Room 26-168, 4:00 p.m.

**DEPARTMENT OF GEOLOGY AND GEOPHYSICS.\***  
Earth Science Colloquium: "The Origin of Mid-Oceanic Ridges." Professor H. W. Menard, Department of Earth Sciences, University of California, La Jolla, and Professor B. C. Heezen, Department of Geology, Columbia University.  
Room 2-190, 4:00 p.m.

**DEPARTMENT OF MATHEMATICS. BRANDEIS-HARVARD-MIT MATHEMATICS COLLOQUIUM.\***  
"Existence of Boundary Values of Analytic and Related Functions." Professor Lennart Carleson, University of Uppsala, Sweden. Tea in the Common Room at 4:00 p.m.  
2 Divinity Avenue, Harvard University, 4:30 p.m.

**DEPARTMENT OF PHYSICS.\***  
Colloquium: "Is the  $\lambda$  Hyperon a Magnet?" Dr. David A. Hill, MIT. Tea in the John Picker Kolker Room (26-414) at 3:30 p.m.  
Room 26-100, 4:00 p.m.

**SEMINAR SPONSORED BY THE PROTESTANT MINISTRY.**  
Contemporary fiction seminar. Mr. Bloy. 317 Memorial Drive, 4:30 p.m.

**DEPARTMENT OF MILITARY, NAVAL, AND AIR SCIENCE.\***  
World War II film series: "Prelude to Invasion" and "D-Day." Sponsored by the Jay Zeamer Squadron and the Pershing Rifles. Admission free.  
Vannevar Bush Room, 5:00 p.m.

**TECHNOLOGY CATHOLIC CLUB.\***  
"Theology of the Sacraments." Father Francis Sweeney, C.S.P.  
317 Memorial Drive, 6:30 p.m.

**UNITARIAN-UNIVERSALIST MINISTRY.**  
Open seminar in existential thought. "The Question of Life and Death."  
317 Memorial Drive, 6:30 p.m.

**WATER POLO CLUB.\***  
Meeting.  
Alumni Pool, 6:30 p.m.

**KARL TAYLOR COMPTON LECTURE.\***  
Fourth lecture of the 1962 series: "The Education of a Western Man." Dr. I. I. Rabi, Nobel Laureate and Higgins Professor of Physics at Columbia University. Admission free.  
Kresge Auditorium, 8:00 p.m.

## Friday, March 16

**DEPARTMENT OF CHEMICAL ENGINEERING, 10.992 SEMINAR.**  
"Heat Effects at Electrodes." Mr. G. Ulrich.  
Room 12-182, 3:00 p.m.

"Optical Measurements of Velocity Gradients in a Turbulent Stream." Mr. P. Fowles.  
Room 12-142, 4:00 p.m.

**DEPARTMENT OF MECHANICAL ENGINEERING. ENGINEERING PROJECTS LABORATORY DEDICATION SEMINAR.\***  
First lecture in the series: "Challenging Problems in the Design of Large Liquid Rocket Engines." Mr. Paul R. Vogt, Assistant General Manager and Technical Director of the Liquid Rocket Division of Rocketdyne. Coffee in the Miller Room (3-070) at 3:00 p.m.  
Room 3-270, 3:30 p.m.

**KARL TAYLOR COMPTON SEMINAR.\***  
"Education in a Pluralistic Society." Moderator: Dr. Charles H. Townes, Provost, MIT. Speaker: Professor Elting E. Morison, School of Industrial Management, MIT. Panelists: Professor Paul A. Freund, Harvard Law School; Professor Francis L. Friedman, MIT; Professor Gerald Holton, Harvard University; Dr. Edwin H. Land, President, Polaroid Corporation; and Professor Paul A. Samuelson, MIT. Admission free.  
Kresge Auditorium, 4:00 p.m.

**SCHOOL OF INDUSTRIAL MANAGEMENT FINANCE COLLOQUIUM.\***  
"An Empirical Examination of a Bank Loan Offer Function." Dr. Donald D. Hester, Assistant Professor of Economics, Yale University.  
Room 52-160, 4:00 p.m.

**TECHNOLOGY CATHOLIC CLUB.\***  
Philosophy Lecture Series: "Thomism Today." Father William Wallace, O.P.

Room 3-133, 5:00 p.m.

**LECTURE SERIES COMMITTEE.**  
Classic film series: "Kismet" and "The Headless Horseman." Admission by subscription ticket only.  
Room 10-250, 6:30 and 9:00 p.m.

**MIT CHORAL SOCIETY GUEST ARTIST SERIES.\***  
Concert by the Dave Brubeck Quartet. Admission: \$3.00. Tickets are available in the lobby of Building 10 or by telephone: UN 4-6900, extension 2910.  
Kresge Auditorium, 8:30 p.m.

**MIT DRAMASHOP.\***  
An evening of one-act plays. "In the Zone" by Eugene O'Neill and "The Exception and the Rule" by Bertolt Brecht. Critique and coffee hour following the performances. Admission free.  
Little Theatre.  
Kresge Auditorium, 8:30 p.m.

## Saturday, March 17

**LECTURE SERIES COMMITTEE.\***  
Entertainment film series: "Where the Boys Are." Admission 30c.  
Room 10-250, 5:15, 7:30 and 9:45 p.m.

**TECHNOLOGY MATRONS.**  
Black-tie dinner-dance. Dinner at 8:00 p.m. preceded by cocktails at 6:30 p.m. Dinner reservations handled by Mrs. Clyde M. Adams, Jr., of Lexington on bridge, etc. will be available.  
Faculty Club.

**MIT CONCERT BAND.\***  
Spring Concert. Admission: \$1.00. Tickets free to MIT Community if obtained prior to concert in the lobby of Building 10.  
Kresge Auditorium, 8:30 p.m.

## Sunday, March 18

**PROTESTANT CHRISTIAN ASSOCIATION.**  
Breakfast for Protestant Students.  
West Dining Room, Graduate House, 10:00 a.m.

**HUMANITIES SERIES CONCERT.\***  
The Juilliard String Quartet. Fifth and final lecture in a series. Admission: \$2.00 or by series ticket.  
Kresge Auditorium, 3:00 p.m.

**COURSE XXI SOCIETY.\***  
"American Folklore and Folk Songs." Professor Ted Wood, noted MIT folk singer and Associate Professor of Humanities. Coffee will be served. Admission free.  
Hayden Library Lounge, 7:45 p.m.

**MIT HILLEL SOCIETY. MORRIS BURG LECTURE.\***  
Judaism as an Evolving Religious Civilization." Dr. Mordecai Kaplan.  
Kresge Auditorium, 8:00 p.m.

## Monday, March 19

**DEPARTMENT OF CHEMICAL ENGINEERING.**  
Lecture: "Catalysis Research in the Petroleum Industry." Dr. R. P. Eischen, Texaco Research & Technical Department.  
Room 4-231, 11:00 a.m.

**DEPARTMENT OF CIVIL ENGINEERING. Hydromechanics seminar: "The Role of the Confluent in Water Resources Program Development." Mr. Harvey O. Banks, Vice President, Leeds, Hill and Jewett, Consulting Engineers, San Francisco.**  
Little Theatre, Kresge Auditorium, 2:00 p.m.

**A.I.E.E.-I.R.E., MIT STUDENT BRANCH.\***  
Lecture: "Time and Frequency in Modern Radar." Professor William Siebert, Electrical Engineering Department, MIT.  
Vannevar Bush Room, 3:00 p.m.

**DEPARTMENT OF CHEMICAL ENGINEERING.**  
Lecture: "Infrared Studies of Chemisorbed Molecules." Dr. R. P. Eischen, Texaco Research & Technical Department.  
Room 12-102, 3:00 p.m.

**DEPARTMENT OF AERONAUTICS AND ASTRONAUTICS.\***  
Seminar: "Nonlinear Mechanical Discrete Systems." Dr. Ing. Janislav Skowronski, Polish Academy of Sciences, Institute of Basic Technical Problems, Department of Vibrations. Coffee in the duPont Room (33-307) at 3:30 p.m.  
Room 33-319, 4:00 p.m.

**APPLIED MATHEMATICS AND MECHANICS COLLOQUIUM.\***  
"Functional Differential Equations in Statistical Mechanics." Professor J. B. Keller, Courant Institute of Mathematical Sciences, New York University. Tea in Room 2-290 at 3:30 p.m.  
Room 2-390, 4:00 p.m.

**PHYSICAL METALLURGY SEMINAR.\***  
"Strength of Martensite." Professor Morris Cohen.  
Room 12-182, 4:00 p.m.

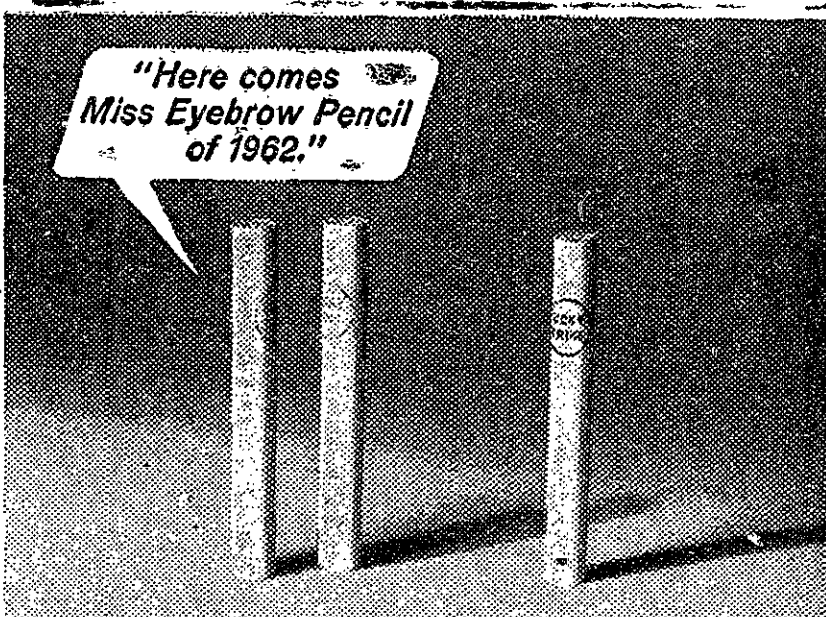
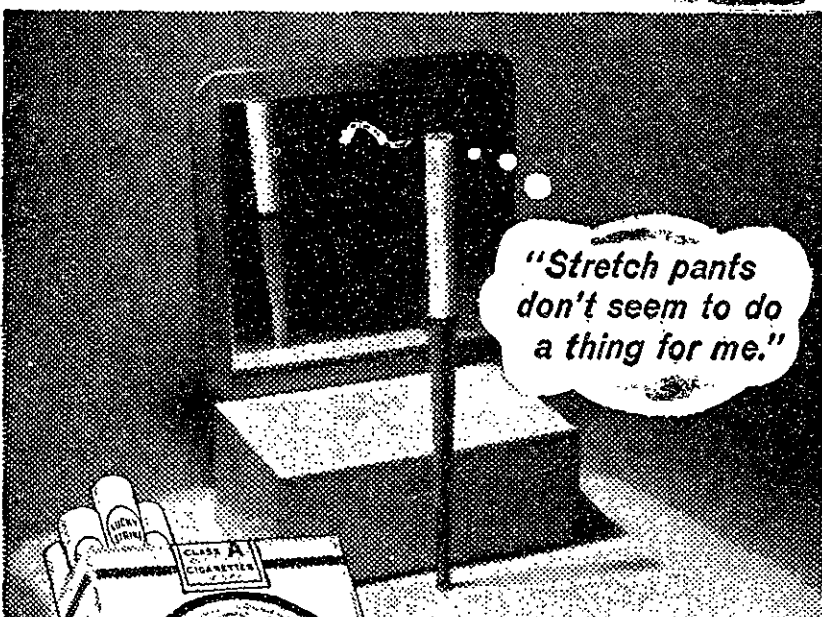
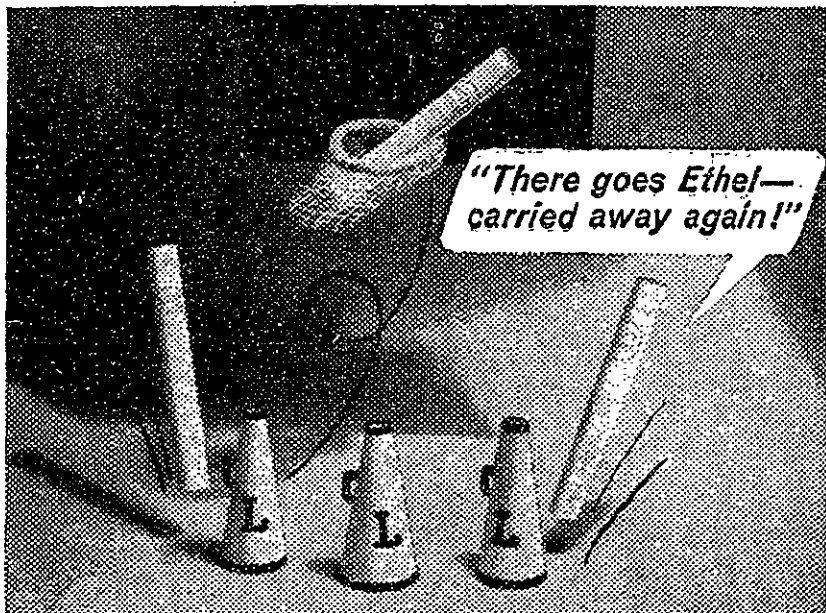
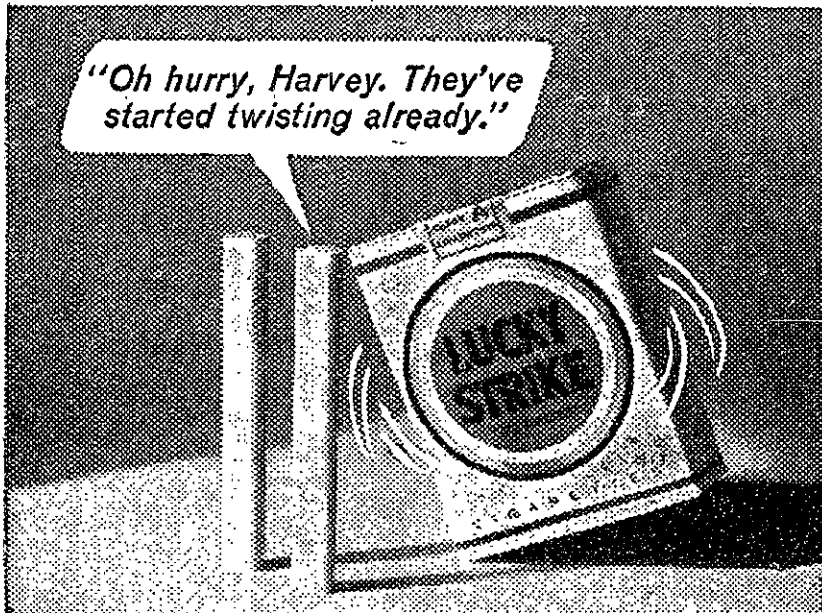
**DEPARTMENT OF NAVAL ARCHITECTURE AND MARINE ENGINEERING.\***  
Seminar: "Free Diving." Mr. Hans Keller.  
Room 1-190, 4:00 p.m.

**NUCLEAR ENGINEERING DEPARTMENT.**  
Seminar lecture: "Research in Neutron and Nuclear Physics at Munich, Germany." Dr. H. Maier-Leibnitz, Director, Laboratory for Technical Physics, Technische Hochschule, Munich, Building NW-12, 138 Albany St., 4:00 p.m.

**MIT OUTING CLUB.\***  
Meeting.  
Walker Memorial, Room 306, 5:15 p.m.  
(Please turn to Page 11)

LUCKY STRIKE presents: **LUCKY TUFFERS**

"COEDS"



**COEDS AND SUPERCOEDS.** Coeds accept a Friday-night date on Friday afternoon. Supercoeds have to keep date books. Coeds wear black and gray. Supercoeds wear green and red and yellow. Coeds talk about "The College." Supercoeds discuss the world. Coeds smoke dainty, tasteless cigarettes that they think proper. Supercoeds smoke Luckies because Luckies taste better. There are many supercoeds, because college students smoke more Luckies than any other regular. Are you a supercoed?

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# Calendar of Events

(Continued from Page 10)

MIT COMMUNITY PLAYERS.  
Monthly dinner meeting. Playreading of Jack Richardson's "Gallows Humor." Dinner at 6:30 p.m. preceded by cocktails at 5:30 p.m. For dinner reservations call Joanne Miller, extension 2992.  
Penthouse, Faculty Club, 6:00 p.m.  
CHORAL SOCIETY.  
Rehearsal.  
Kresge Auditorium, 7:30 p.m.  
MIT HILLEL SOCIETY.  
Purim celebration and party will follow service.  
Vannevar Bush Room, 9:30 p.m.  
SEMINAR SPONSORED BY THE PROTESTANT MINISTRY.  
Graduate Seminar. "Live, Live, Live." Mr. Russell.  
317 Memorial Drive, 10:00 p.m.  
**Tuesday, March 20**  
SEMINAR SPONSORED BY THE PROTESTANT MINISTRY.  
Graduate Seminar. Dinner-meeting. "Spirit of Protestantism." Mr. Holtzapple.  
Room 5, Faculty Club, 6:15 p.m.

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TECHNOLOGY CATHOLIC CLUB.\*  
Seminar for Unbelievers. Father William J. Sullivan, C.S.P.  
Room 7-108, 12:00 noon  
NEUROLOGY SECTION, ELECTRONICS SYSTEMS LABORATORY.  
Seminar: "Adaptive Mechanisms of Sensory Motor Coordination." Professor Richard Held, Department of Psychology, Brandeis University.  
Room 25-217, 2:00 p.m.  
DEPARTMENT OF CIVIL ENGINEERING.  
Structural Engineering Seminar. "Dynamic Behavior of Reinforced Concrete Columns." Chen Yi Yang. Coffee will be served.  
Room 1-273, 3:00 p.m.  
DEPARTMENT OF NUTRITION, FOOD SCIENCE AND TECHNOLOGY.  
Seminar: "Modern Concepts of Thermal Processing of Foods." Dr. John M. Jackson, President-Elect, Institute of Food Technologists, American Can Company Research Center, Barrington, Ill.  
Room 16-316, 3:00 p.m.  
DEPARTMENT OF CIVIL AND CHEMICAL ENGINEERING.\*  
Seminar in Polymerization Chemistry. "Free Radical Addition or Chain Growth Polymerization — Primary and Secondary Reactions." Dr. Robert W. Lenz, The Dow Chemical Company.  
Room 3-279, 3:15 p.m.  
DEPARTMENT OF CHEMISTRY.  
PHYSICAL CHEMISTRY COLLOQUIUM.\*  
"Frequencies of Simple Molecules and the Problem of Molecular Force Fields." Professor T. Shimanouchi, University of Tokyo.  
Hayden Library Lounge, 14E-316, 4:00 p.m.  
CIVIL ENGINEERING DEPARTMENT.  
MIT-INTER-AMERICAN PROGRAM.\*  
"Computer Technology in Developing Countries." Professor Charles L. Mitter, Head of the Civil Engineering Department, MIT.  
Room 3-133, 4:00 p.m.  
DEPARTMENT OF HUMANITIES.\*  
Library Concert. Music of Nicholas van Slyck performed by Elinor Preble, flute; Rowland Sturges, piano; and Nicholas van Slyck, piano. Admission free.  
Hayden Memorial Music Library, 5:00 p.m.  
PROTESTANT CHRISTIAN ASSOCIATION.  
Study Groups.  
317 Memorial Drive, 5:00 & 7:00 p.m.  
Dinner.  
West Dining Room, Graduate House, 6:00 p.m.  
TECHNOLOGY CATHOLIC CLUB.\*  
Meeting. Election of officers.  
Vannevar Bush Room, 5:00 p.m.  
WATER POLO CLUB.\*  
Meeting.  
Alumni Pool, 6:30 p.m.  
SOCIETY OF AMERICAN MILITARY ENGINEERS.\*  
Lecture: "Inertial Guidance." Dr. C. Stark Draper, Head, Department of Aeronautics and Astronautics, MIT.  
Vannevar Bush Room, 8:00 p.m.  
KARL TAYLOR COMPTON LECTURE.\*  
Fifth lecture of the 1962 series: "Physics: The Science in Permanent Revolution." Dr. I. I. Rabi, Nobel Laureate and Higgins Professor of Physics at Columbia University. Admission free.  
Kresge Auditorium, 8:00 p.m.

## Coach's Corner

# Track and Field—Will It Succeed?

By Art Farnham

Can Track & Field become a true team sport? Can it generate the spirit and interest similar to some of our other sports and regain the prominence it once held at MIT? Can the competitive desire and the will to win, not just participate, be installed within each man? The answer is a qualified "yes" to all questions at this time.

Some very definite positive signs have been making their way through the clouds of doubt recently. In the last half of the indoor season with the combined varsity and freshmen squads totaling 50, a new fervor began to rise. The team members were practising more regularly, a greater acceptance of difficult, tiring workouts was noticed, and more pride in individual and team accomplishments was showing up, despite losing meets.

There were some members who quit or dropped by the wayside and still others were dropped from the team for lackadaisical efforts or neglecting to come to the meets. The list of "fursie" workout members had disappeared. Those remaining on the squads knew where they stood — perhaps they were not the best, to be sure, but they wanted to compete.

Track and Field is a sport which demands a great deal of personal effort and sacrifice. To many, it's just plain "hard work" and draws too closely a

parallel to their academic demands. However, there is tremendous satisfaction gained from top performance and winning a personal or team victory is worth the struggle and discipline put forth. Some of our varsity and freshmen squad members stand out for their loyalty and hard work and stand as inspirations to others. For example, Steve Banks, co-captain, has put in four years of devotion to the sport and his own personal fitness; Tom Goddard, '63, distance star has shown exceptional courage and dependability this season, despite suffering a painful leg injury earlier in the season; Chuck Sigwart, '64, has practically wiped out the term "handicapped" by his unbelievable running (this despite the loss of sight, limbs, and hearing defects) Gary Lukis, '64, sophomore vaulter has been responsible for some fine performances, highlighted by his first place in the Greater Boston Championships and friendly assistance to other vaulters on the teams; Weight men, Bill Harper, '64, Jerry Dassel, '64, and Dick Sutton, '62 have been working since early Fall to perfect their specialty, with patience, finally paying off as all have increased their throws some five feet in the 35 lb. weight throw.

Certainly our Manager, Henry Modetz, '64 has provided loyal

able assistance in so many countless ways. His worth, while not counted in points earned, is invaluable to the coach and team. Three unusual Freshmen, Al Tervalon, Terry Dorschner, and Ken Morash are top examples of the fine prospects coming up. This trio has scored a total of 150 points collectively, while competing in eight different events throughout the season. Above and beyond their point totals and impressive wins, was their spirit of competitiveness, wish to win, and a sincere desire for team success.

Of course, it is still necessary to have men with real running ability — there's no substitute for speed — some have it — others don't — and there's not much you can do to get it for it's a natural asset. We need experienced track & field men — those who know what it's like to punish themselves to obtain the necessary conditioning. The future of the sport is in the hands of the students. The qualified "yes" to the opening questions may be a resounding, unqualified "yes" if we can continue with the new spirit now prevailing, more depth to the squads, devotion to daily practice, stern self-discipline, loyalty to the team's effort, and a sincere desire to be good!



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March 15, 16

Trinity 35, MIT 34

# Fencers Edged In NE Title Bid

The MIT fencing team suffered a narrow defeat March 3 at the New England Intercollegiate Fencing Tourney at Brandeis University; the Cavaliers lost to a fine Trinity squad 34 to 35. Five schools were entered in the competition: Holy Cross, Bradford Durfee, Brandeis, Trinity, and MIT. Each school was represented by two men in each of the three weapons.

**Rosof, Zimmerman Place Fourth**

Barry Rosof and Ralph Zimmerman fenced in foil, each producing a 5 to 3 record; the three losses for each man were to the same three fencers: Stewart and Chang of Trinity and Levine of Brandeis. The two MIT foils tied for fourth place out of a field of ten, but on the basis of total touches scored against them, Zimmerman took fourth and Rosof fifth place. In the total bout scores for foil, MIT was in third place with ten wins out of sixteen bouts fenced; Trinity won thirteen bouts and Brandeis took eleven.

**Engineers Take Sabre Competition**

The sabre team fenced well against a checkered competition. Al Weil took second place

**Fresh Baseball Candidates To Meet At Dupont Today**

The first meeting of MIT's Freshmen Baseball Team will take place today at 5:15 in the conference room of Dupont Athletic Center. Coaches and managers will be on hand to answer any questions.

**Double Elimination Tourney**

## IM Badminton Squads In Playoffs

The Chinese Student Club and the School of Engineering continued their domination of Intramural Badminton last week as the regular season came to a close. Chinese Students defeated Chi Phi in four close matches, while the Engineering faculty whipped Phi Gamma Delta. They joined Alpha Tau Omega and Lambda Chi Alpha as league winners.

Runners-up Baker A and B, Burton B, and Chi Phi met Monday night in matches to fill two open places in post-season play-offs. The four top teams will compete in a double-elimination tournament to determine final standings.

The show-down between Chinese Students and the Engineering School will come during finals this Saturday afternoon. Play begins at one o'clock in the Armory.

with a 7 to 1 record, and Art Best gratifyingly captured third place with a 6 to 2 bout score. Weil's one loss was by a score of five to four. Both men found Trinity's Rand and Brad Durfee's Ramos to be difficult competition. Nonetheless MIT took first place in the sabre competition with thirteen out of sixteen bouts, Brandeis was second with nine, and Trinity was third with eight bouts won.

**Snow Turns In 6-2 Record**

The epee team provided some of the closest fencing: Dave Snow had a 6 to 2 record and Dave Juncker followed directly behind with a 5 to 3 performance. A three-way tie developed for second place with Snow capturing the honor on the basis of touches against; Juncker then took fifth place. Trinity's Yeatton compiled an enviable record of 8 to 0 with only three touches against him in his sixteen bouts. MIT took second place in epee with eleven bouts won; Trinity was first with fourteen, and Bradford-Durfee was third with nine bouts won.

**Chang Edges Rosof**

The entire competition, particularly in foil and epee, was close, evenly matched, and marked by top fencing. However the highlight of the day came in the 120th bout, a foil bout, and the last bout of the match. At that time MIT and Trinity were tied for the championship 34 to 34 and, providentially, this last bout pitted Tech's Rosof against Trinity's Chang. Chang almost walked off with the bout, but Rosof in a display of courage managed to tie the score at four to four.

## Compete In AFLA

After several unsuccessful attacks, Chang finally got the winning touch, the bout, and the championship for Trinity. Certainly MIT could come no closer to victory than this.

**MIT Competes In AFLA**

The following Sunday the MIT Fencing Club took third place, the representatives of the varsity fencing team fourth and fifth places, and the freshman fencers ninth place in the annual AFLA Three Weapon Team Championships, also at Brandeis. This was an afternoon of often superb fencing and the team representative turned in an excellent performance against high-calibre competition. At the same time, in the AFLA Women's Prep competition, Sue Colodny, a freshman coed, captured her second gold medal in foil for the season, enhancing her reputation as a promising addition to MIT fencing.

**Tops Brown, 1339-1176**

# Pistol Team Ends Action In 2 Leagues

The Pistol Team wound up its season of shoulder-to-shoulder competition in two of the three leagues last week with two wins and one loss. On Tuesday night in the Greater Boston Pistol League the Techmen bowed to

# Tech Riflemen Outshoot Harvard, Remain Undefeated League Champs

MIT defeated Northeastern and Harvard in the last and closest league match of the season. It took more than five hours to shoot the necessary six relays in Northeastern's five point range. Going into the final relay MIT had a two point edge over Northeastern. The last firer for both NU and MIT raised their high fives' score by a single point. The final scores were MIT 1417, NU 1415, and Harvard 1357.

**Ludeman, Smith Lead Scoring**

Dick Lydeman '63 and Steve Smith '62 fired 288 and 286 respectively to lay the foundation for the Tech victory. George Olah '64, Joe Wyatt '62, and Jerry Skinner '63 all supported with 281's. Walter Draper of Northeastern had a 293 in this match and a 294 in the last match fired against the Engineers.

**Tech Remains League Champion**

This was the last match in the six-member Greater Boston Collegiate Rifle League. MIT has defeated each of these teams twice this season, as well as last season, to remain the undefeated league champion. In the nine-member Northern Group of the New England College Rifle League, the team suffered a single loss this season. That was a five point victory by Norwich early in the season. This Saturday MIT is hosting the NECRL finals at Hanscome Air Force Base. The meet will consist of the three top teams from both the Northern and Southern divisions.

**To Fire In IFL**

published, the team expects to wind up around fifth place in "A" Division.

**Tech Sweeps Two Matches**

Saturday was the last day of the Intercollegiate Pistol League for MIT as the team faced Brown University in a double match. The Brown team was lacking in depth and appeared to have one novice shooter as MIT swept both matches by margins of over a hundred points. Scores from the first match were: MIT 1339, Brown 1176. High five for the Engineers were Gibbons, 278; Tom Isaacs '62, 271; McFarland, 270; Jeff Levinger '63, 265; and Brooks, 255. Also firing for MIT were Ross Melton, 244, Henry Noble '64, 238; and Pete Rupp, '63, 230. The second match too was an easy victory with a final score of 1320 to 1199. High five in this match were: Gibbons, 276; McFarland, 274; Levinger, 270; Brooks, 255; and Melton, 245.

**IPL Matches Coming Up**

Still on the docket for this season are some half dozen matches in the Intercollegiate Postal League to be fired within the next few weeks. The full squad of eight men will enter the Intercollegiate International Postal Match to be fired this week on the home range. The results of this match will be used to determine the two junior members of the United States Shooting Team which will compete in the International Shooting Union Tournament at Cairo, Egypt, later in the year. On March 31, the 1962 in-

## Records Fall As Tech Swimmers Place 6th In NE Championships

**By Ronald Davies**

MIT took sixth place among 14 colleges, as Williams College won the 1962 New England Intercollegiate Swimming Association Championships last Saturday.

Records fell in all events except the diving competition during the trials and finals. The outstanding performance was turned in by Tom Hershback of Williams, as he won three events (50-yd. freestyle, 100-yd. freestyle, and 400-yd. freestyle relay) setting a new record in each.

The most notable efforts made by MIT swimmers were thirds taken by Lauren Sompayrac, '63, in the 200-yard Breaststroke and Bill Bails, '64, in diving.

In the 200-yard Breaststroke, MIT qualified both Sompayrac and Charlie Einolf, '63. Swim-

Saugus by a score of 1074 to 1063. High four for MIT were John Gibbons '62, 277; Bill McFarland '62, 275; Bob Brooks '64, 260; and Ross Melton '64, 251. Although final standings for the season have not yet been

ming hard, Sompayrac pulled up to win third while Einolf came through with a fifth.

In the 220, Tech's distance man, Dave Stein, took sixth. Stein, a senior, finished off his swimming career winning six New England medals over the past three years and holding five MIT varsity records.

Other MIT finalists were Tom Ising, '62, in the 200-yard Individual Medley and the 400-yard freestyle relay team of Capt. Jed Engeler, '62, Joe Schrade, '64, Dave Stein, and Wayne Matson, '63. Both finalists took sixth with the freestyle relay team, swimming to a new varsity record of 3:35.2 (old record, 3:37.5).

The swimmers ended their season with a 7-2 record in New England dual meets and a 9-4 total record.

## The Tech Seeks Artists As Staff Expands

Did you see the sports drawing on this page last week? The Tech would like to illustrate many articles in this fashion, but lacks artists. Unlimited opportunities for publication are open to persons willing to submit caricatures, sketches, editorial cartoons, artist's conceptions, etc. Just drop a note to the Editor, The Tech. And if you don't draw, how about showing this article to a friend who does?

## Physicists Pleased With New Accelerator

*(Continued from page 1)*

the "strong focusing" system of magnets devised by Prof. M. Stanley Livingston and others, and a new "choke" for storing magnetic energy suggested by Prof. Edward M. Purcell. The "strong focusing" makes possible a concentrated beam of electrons and the new "choke" increases the efficiency by storing energy between magnet pulses.

Electrons are injected into the synchrotron at 25 Mev. (almost the speed of light) by a linear accelerator. In the synchrotron the electrons follow a

circular path receiving thirty-two pulses of energy per revolution.

As the energy of the electrons approaches 6 Bev., radiation of light and X-rays increases sharply. After about 10,000 revolutions, which take approximately 1/120 second, the energy lost by radiation just cancels the energy added by the synchrotron, and the electrons are "magnetically switched" into the target area with slightly more than 6 Bev. of energy.

In last Wednesday's trial run, the electrons were accelerated to 2.2 Bev.

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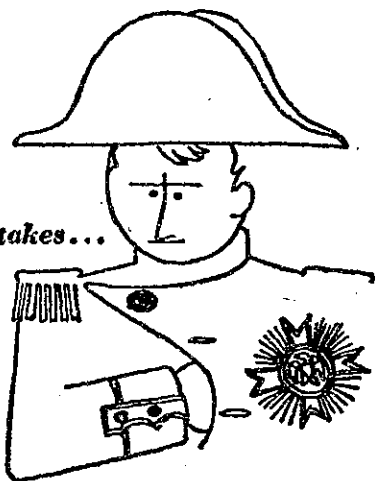
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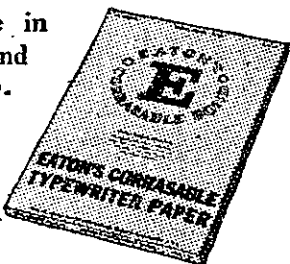


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