

# Samuels defeats Nolan, Bushkin to take UAP election victory



Bill Samuels

William Christie Samuels '65 is the new Undergraduate Association President. In preferential balloting yesterday, he defeated Arthur Bushkin '65 and David Nolan '65.

The first-place votes were as follows: Samuels, 1067; Bushkin, 366; Nolan, 306; others, 48, including 21 blank ballots.

The total vote in the election was 1787, as compared to last year's 1833.

Samuels make his home in Canandaigua, New York. He is enrolled in Course 14-A. He has been class president this year and is a member of Delta Upsilon. He has participated in Crossroads Africa, and spent a summer in Kenya.

Samuels released to The Tech the following statement concerning his victory:

"The election is over, but the

real important work remains. I only hope that whether it be as Chairman of Inscomm or at a meeting in the Dean's Office that I merit the confidence that has just been placed in me.

"The success of student government depends not only on my ability as an administrator or as an innovator. It depends on the interest you as students take. If you have a new idea or a criticism it should be communicated. But more than that, we want participants.

"Subcommittee elections are coming up soon. If you are interested, for example, in SCEP, Finance Board, Public Relations Committee, or Secretariat, come forward and inquire. There's always room for a good man. Then, together, we can make next year a beneficial one."

# Baker Award committee now accepting nominations

Student nominations for the second Baker Award for Outstanding Undergraduate Teaching are now being accepted.

The Everett Moore Baker Foundation offers this award to recognize exceptional teaching by a faculty member below the rank of Full Professor. The award, a \$250 honorarium, and a bronze medal will be presented at the Awards Convocation April 25.

Nominations for this award may be made by any MIT undergraduate. Nominations should be sent in writing before March 27 to Robert Kimmel, Baker House 626, 362 Memorial Dr., Cambridge.

The Baker Foundation was established in 1951 to perpetuate the memory and the ideals of Dr. Baker, former Dean of Students at MIT from January, 1947, until his death in an airplane accident in August, 1950.

He was a vigorous proponent of a broad educational policy, a dynamic extra-curricular program, and a congenial physical and intellectual environment at MIT in the opinion of many commentators.

The Committee continuously uses the income of the Foundation to assist and administer projects which embody that philosophy.

## Royalty to arrive

### Queen contest coming

The Spring Weekend Committee has announced plans for the Spring Weekend Queen Contest. The queen will be selected by the committee on the Friday night of Spring Weekend, April 17, 1964.

Six finalists will be selected by preferential balloting of the student body during the first week of ticket sales for Spring Weekend. Contestants pictures will be accepted through March 13, 1964 and may be in black and white or in color. Pictures, larger than 3" by 5", should be submitted to Betty Hendricks in Litchfield Lounge, 50-110.

Maynard Ferguson and the Plat-ters will appear with the queen and her court Friday night April 17, at the Hotel Bradford. The Brandywine Singers on Saturday afternoon, the Dovells, the Cross-fires, the Angels, and the Continentals at the Hampton Beach Party Saturday night, comprise the rest of the Spring Weekend entertainment.

### Submit all nominations individuals and activities for ADB Award by Mar. 6

The deadline for nominations for the Activities Development Board Awards has been set at March 6, according to Mark Radwin, '64.

The seven-member screening committee has received "only a few" returns to date. "Any member of the Institute community," explained Radwin, "is in position to nominate any person or activity for an award."

"It appears," he continued, "that many deserving people and/or activities have not yet been nominated."

The awards will be presented on the evening of April 25 at the Awards Convocation in Kresge Auditorium.

### Numerous changes planned for MIT libraries as Professor Locke becomes full-time director

By Al Green

With the appointment of Dr. William Locke as full time director of the MIT Libraries, several changes are planned in the Institute library system.

**Rotch changes**

During intersession, the Rotch Library was the object of a \$13,000 renovation. Using a plan prepared by librarian Katherine Murphy and Prof. Marvin Goody, the architecture library has been rearranged to reduce overcrowded conditions.

New facilities for magazines and a light table for the slide collection have also been acquired. During the summer the office of retiring Dean Pietro Bel-luschi will be added to the library to provide more space.

The Dewey Library, also considered overcrowded, will occupy the first two floors of the new School of Industrial Management facility as soon as that building is completed. This will more than double the present space in the library.

Proposals have also been made to extend the engineering library down one floor in Building 10 to

an area now occupied by the Electrical Engineering Department. All clerical operations would be moved to the fourth floor, freeing the entire fifth floor for seating space. Students would enter the library on the lower floor, then take an internal elevator to the upper areas.

**Locke's comments**

According to Dr. Locke, the libraries should have a minimum seating capacity for one student in five. Now there are 1,100 seats for 6,500 students — provisions for one in six. "Because of this," the Director said, "expansion is as much a matter of necessity as of choice."

Calling attention to what he called our "inadequate" humanities book collection, Locke noted that MIT has only 75,000 humanities books compared to 500,000 in many liberal arts schools. He hopes for the establishment of a more complete humanities library in the future.

For the present, the Institute is continuing to build its book collections at the rate of 35,000 new volumes each year.

With the 800,000 books now in the library system, this amounts to an annual growth of about four and one half per cent.

### Students can obtain President's Report in Room 3-333

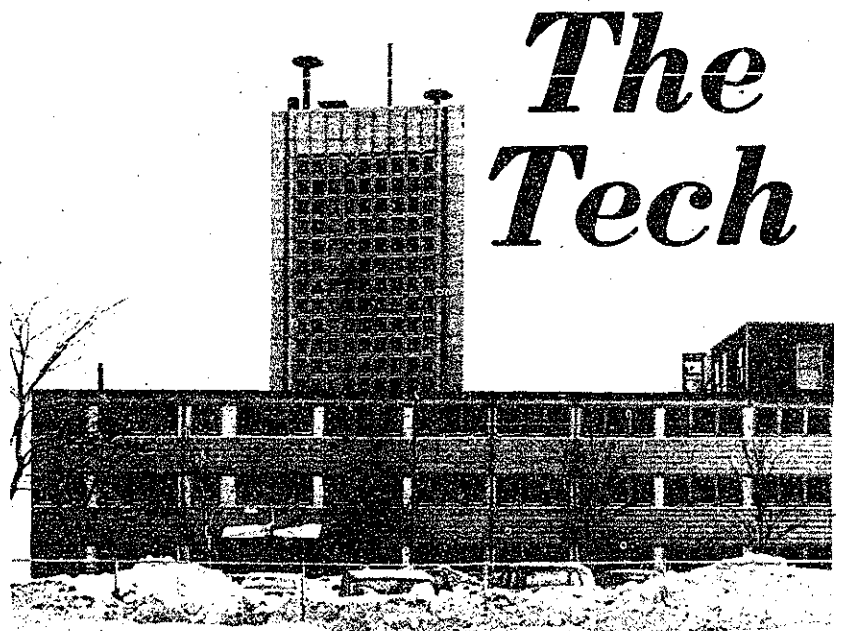
Copies of the November 1963 President's Report Issue of the MIT Bulletin, covering the academic year 1962-63, are available without charge to interested students from the Publications Office, Room 3-333.

The document includes the general report of the President, with respect to education, expansion, research, and statistics for the year. It also contains reports concerning the five Undergraduate Schools and the Graduate School, various Vice Presidentail reports, honors and activities of the MIT staff, and publications associated with the Institute.

Last year approximately 200 copies of the report were distributed.

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## 20 chem lectures

### Bellhausen visiting professor

Dr. Carl Johan Ballhausen, Arthur D. Little Visiting Professor of Chemistry, will deliver a series of 20 one-hour public lectures on "The Electronic Structure of Inorganic Complexes."

The lectures are being presented at 1 p.m. on Mondays and Wednesdays in 4-370, and will extend to April 29, with the exception of March 30 and April 1.

A pioneer in research on the structure of inorganic chemicals, Dr. Ballhausen is widely known for work on ligand field theory, a body of knowledge fundamental to the study of such solid state phenomena as fluorescence, phosphorescence, and laser activity. He has more recently made important contributions in research

on the motion of nuclei and the distribution of electrons within molecules.

Dr. Ballhausen studied at Harvard University in 1955-56 after graduating from the University of Copenhagen. He has directed the Institute of Physical Chemistry at the University of Copenhagen since 1959, and is Danish editor of the Journal "Acta Chemica Scandinavica."

The Arthur D. Little Professorship is made possible by a grant from Arthur D. Little, Inc., of Cambridge, in memory of the firm's founder. Dr. Little graduated from MIT in 1885, and was a member of the Institute's Chemistry Department from 1893 to 1916.

## Class Election Results

### Class of '64

- Permanent President ..... Steve Glassman (Baker)
- Permanent vice-president ..... Jerry Luebbbers (SPE)
- Permanent executive committee ..... Richard Carpenter (BTPi), Mark Barron (DU), Bruce Carpenter (DKE), Stephen Miller (KS), John Morrissey, Robert Scott (Baker), Kim Sloat (DU), Bruce Strauss (Baker)
- Permanent secretary-treasurer ..... Ron Gilman (ZBT)

### Class of '65

- President ..... Dick Tsien (BTPi)
- Vice-president ..... Perry Seal (SAE)
- Secretary-treasurer ..... Jesse Lipcon (ZBT)

### Class of '66

- President ..... Henry Perritt (SAE)
- Vice-president ..... Dick Sayre (DU)
- Secretary-treasurer ..... Ken Browning (SAE)

### Class of '67

- President ..... George Piccagli (Baker)
- Vice-president ..... Steve Douglass (Burton)
- Secretary-treasurer ..... Jim Swanson (PSK)

## Red Spies Cop Top-Secret Formula



Photo by Steve Teicher

John Ryon as Prof. Peter Probe is surrounded by spies Chris Calloway as Olga and David Fan as Chew In-foo while Norm Ruben as Harold Hoosie stares blankly in the '64 Tech Show. (See complete review on Page 9)

**Student Center library**

**Inscomm supports idea**

By Henry Lichstein  
The idea of a fifth floor on the Student Center to be devoted to reserve books and study areas was given support by the Institute Committee on Thursday evening.

**Locke's remarks**  
According to Dr. William A. Locke, Director of Libraries, the proposed additions would duplicate the present reserve book collections, totalling nearly 12,000 volumes and would provide 500 individual study seats in "a nice library atmosphere." Additionally there may well be a collection of about 5,000 general interest books.

Stating "the overall plans" are in hand," Locke noted "the big stumbling block is money." The addition, if arrangements are made now, would cost about \$650,000. Prof. Catalano, who designed the Student Center, envisaged a fifth floor for the future, and made his plans accordingly.

Remarking "It may never get done if we don't do it now," Dr. Locke noted that the addition, if

put in after the present center is completed, would be very expensive and inconvenient to construct. However, money must be acquired soon if the library is to be included in the present construction plans.

The discussion in Inscomm was centered around the conflict between the idea of including academic activities in the center and the realization that, if not put up now, the fifth floor might never be added. It was the hope of Inscomm that the floor would eventually be put to student-activity use: with that as a basis, they gave full support to the proposal.

**Kennedy Library**  
Inscomm voted to back a nation-wide drive on college campuses to raise money for the John F. Kennedy Library to be constructed in Boston.

Also, election for Finance Board is imminent: if anyone is interested, he may contact Steve Miller for details.

**Four The Tech staff members earn promotions**

Four staff members of The Tech were promoted at a meeting of the board of directors Saturday.

Ted Trueblood, '67, was advanced from sports staff to acting associate sports editor.

In the News Department, Esther Glotzhofer was promoted to the position of associate news editor; candidates Mark Rockman and Harvey Schultz, both '67, were given news staff status.

**Failure distributions revealed; one-sixth denied credit for 8.07**

The Administration recently released the failure percentages in many courses offered in the Spring Term, 1963, and released last month to staff members. A grade of E, F, or O is considered to be failing — for the purpose of the calculations.

O-2% of those enrolled flunked: 2.401 — 2.672 — 5.14 — 6.05 — 6.06T — 6.07T — 6.25T — 6.25I — 6.342 — 6.44 — 6.70 — 6.72 — 8.10 — 10.31.

Also in the O-2% bracket are 14.004 — 14.51 — 14.70 — 15.01 — 15.71 — 16.201 — 18.10 — 18.22 —

21.11 — 21.54 — 21.68 — 23.12 — 23.92.

3-5% of the students taking the following were similarly handled by the Institute: 2.021 — 6.02 — 6.08T — 6.14T — 7.02 — 8.04 — 8.053 — 8.06 — 8.72 — 10.13 — 14.01 — 14.02.

Also in the 3-5% group are 18.02 — 18.03 — 18.06 — 18.15 — 18.18 — 18.26 — 21.02 — 21.04 — 21.91.

6-8% of those registered in 2.403 — 5.62 — 6.252 — 6.41 — 8.02 — 8.041 — and 18.05 received failing grades.

9-11% of the students in 5.02 — 5.42 — 8.01 — 18.04 — and 18.20 — were denied credit.

Physics 8.07 led the list in apparent general difficulty, as 15-17% were unsuccessful.

**Dean Johnson announces Course 15 revisions; curricula to include more quantitative studies**

Howard W. Johnson, Dean of the School of Industrial Management, announced in his annual report some major changes in the Master's Curriculum, the Sloan Fellowships, and the undergraduate curricula.

The principal revisions in the Master's curriculum were made to increase its quantitative content. A new first-year subject in Managerial Models, integrating material previously taught in other subjects, is now required.

In the Sloan Fellowship Program, course structure revisions in the quantitative studies and the humanities began in the summer of 1963. The program is under study by a committee headed by Prof. Stanley M. Jacks.

The undergraduate curriculum has been augmented by an experimental program entitled "Undergraduate Systems Curriculum."

**Prof. Richardson to get the mechanical engineers' Pi Tau Sigma Gold Medal**

Professor Herbert H. Richardson of MIT recently received the Pi Tau Sigma Gold Medal of the American Society of Mechanical Engineers.

The medal was awarded for outstanding achievement in engineering within 1-3 years after graduation.

According to the report, the course will stress fundamental insights into the industrial system and the way it behaves as a result of system practices, structure and interactions.

The curriculum was developed by a faculty committee directed by Prof. J. W. Forrester.

**Committee alters policy toward doctorate language requirement**

By RICHARD MILLMAN  
MIT's policy toward the Language requirement for the degree of Doctor of Philosophy here recently been clarified.

Last spring the Committee on Graduate School Policy approved an alternative to the standard requirement of a reading knowledge of two foreign languages. Instead, a student may now demonstrate "substantial competence" in speaking and reading one foreign language.

"Substantial competence" is defined as (1) Passing a written reading examination with an A; (2) Illustrating ability to discuss in conversation ideas presented in lecture; (3) Finally, demonstrating ability to converse colloquially in the foreign language.

A foreign student must still demonstrate competence in reading and speaking English.

Prof. Harold Hazen, Dean of the Graduate School, has noted that, although translations of scientific & technological literature have increased at a rapid rate in recent years, there remains no substitute for a personal knowledge of foreign languages. In support of his belief he cited percentages of those who used their foreign language in preparing

their theses: 85 per cent in chemistry; 75 per cent, mathematics; 62 per cent, physics; 54 per cent, engineering; 17 per cent, psychology.

The Committee on Graduate School Policy, Dean Hazen notes, has reflected a strong tendency toward recognizing the value of a working knowledge of a foreign language to a professional scientist. According to Dean Hazen, this attitude has been influenced by the success of intensive courses in scientific German, French, and Russian instituted by Prof. William Locke, when he was Head of the Department of Modern Languages.

Dean Hazen, commenting on the motivation of the MIT requirements, has said: "By our one-language 'substantial competence' alternative we recognize foreign language in its role as a mark of the educated man."

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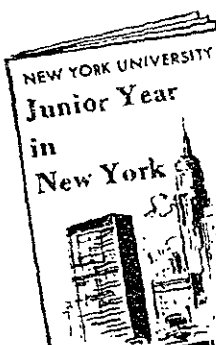
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## Ford Foundation grant develops School of Engineering

By Timothy Proctor  
 "The 1959 Ford Foundation grant is of special significance to the School of Engineering" said Dean Gordon S. Brown in the Schools' recently released report. "Applicable across the whole spectrum of our teaching in engineering," the grant was also the largest made to any institution for the study of engineering education up to that time, and helped boost the infant Second Century Fund.

The Report cited several major interrelated changes already made using the Ford funds. In early 1959, for example, the Institute set up new graduate programs in materials engineering at the Doctor's and Engineer's degree level.

### Student solicitors to ask Tech undergrads to give blood to Red Cross Bank

Solicitations are currently in progress for this year's MIT Blood Drive. All individuals between the ages of 18 and 59 are eligible to donate blood.

Student solicitors have a booth in Building 10 and are contacting dormitory and fraternity residents. The booth in Building 10 will remain open through Friday for donation appointments on the week of March 23.

As a result of successful Blood Drives at MIT, all members of the MIT community are presently members of a Red Cross Blood Bank and may obtain blood without charge, if the need should arise.

The student effort for the MIT Blood Drive is being conducted jointly by Alpha Phi Omega and the Technology Community Association.

Subsequently, the Metallurgy Department decided to offer a complete undergraduate program in Materials Science, using the Ford grant to develop notes, course programs, study groups and, especially, improved laboratories.

Increased interest of students in other Departments led to the formation of a "completely new" course in Engineering Metals for sophomores and juniors. This in turn led to the development of a freshmen elective, "Structure of Metals" (3.09), and a coordinate laboratory course, 3.10, as well as several Freshmen Seminars. Finally, related courses throughout the Institute were strengthened to provide a better background for the new courses.

Dean Brown also detailed a "surge of interest in laboratories built around project-type activities." The Department of Mechanical Engineering developed an undergraduate projects laboratory which was cited by Dean H. Guyford Stever of the Department as having "important educational aspects."

The Department of Aeronautics and Astronautics built up a similar lab, whose subjects "have continued to be an outstanding success in education," according to Dean Charles S. Draper. Simultaneously, the Department of Electrical Engineering employed some of the Ford funds to construct take-home kits and other equipment designed to increase individual work.

Stimulation of a different kind was provided in the Department of Civil Engineering by the Ford Postdoctoral Fellowship Program. Dean Miller of the Department stated that "no other single result of the Ford grant has proven to be so valuable . . . to the total program of the Department."

Dean Brown emphasized: "Not only have great changes taken place within the School, but these have interacted with a wide range of activities throughout the Institute."

Among these interactions was the formation of the Zacharias Committee to review the core program.

The discovery of considerable obsolescence in many practicing engineers and the growth of an interdepartmental approach to the problems of the School of Engineering was another.

### The thirtieth annual "A Ball" to be held at Walker Memorial

The thirtieth annual Francis Amasa Walker Assembly will be held Friday, April 17, at Walker Memorial. The ball, white tie and tails requisite, will commence at 10 pm with a reception by President and Mrs. Stratton and other guests of honor.

Music will be provided by Harry Marshard's orchestra. Other entertainment will include several performers as yet to be announced.

## Goldwater overpowers opponents at Wellesley mock GOP convention

By D. F. Nolan  
 The MIT Young Republicans sent 50 delegates to the New England College Young Republicans' mock presidential nominating convention held at Wellesley College last Saturday.

Outnumbered only by the Harvard and Wellesley delegations, the MIT club controlled two key states, Texas and Ohio.

The club president, Charles Doney '66, was state chairman of the Ohio delegation; the assistant chairman was Dick Cunningham '66. The Texas delegation was headed by Kathy O'Hara of the Katy Gibbs Secretarial School, assisted by Mike Leavitt '66. Leavitt is currently the Acting Co-ordinator of the MIT Students for Goldwater.

In addition to controlling two major states, MIT students headed two candidates' floor strategies and made their nominating speeches. David F. Nolan '65 was Candidate Committee Chairman for the Goldwater forces; Cun-

ningham ran the Nixon effort, and made Nixon's nominating speech; the Goldwater nominating speech was made by Willis G. North '65.

Due to delays in registration, difficulties in bringing the convention to order, and a lengthy speech by Congressman Bob Dole of Kansas, there was only time for one ballot.

Of a possible total of 645, Goldwater received a substantial plurality with 293 votes, falling short of a majority by only 30 votes. Rockefeller came in second with 178 votes, while Henry Cabot Lodge, William Scranton, and Thurston Morton each received approximately 45.

Former Vice-President Richard Nixon received 16 votes, with splinter-group candidates accounting for six votes.

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The do-it-yourself-with-sealing-wax days are gone from cyclotron technology forever. The tiny instrument invented by Dr. Ernest O. Lawrence at Berkeley in 1930 has been superseded many times by increasingly larger and more powerful instruments of nuclear research.

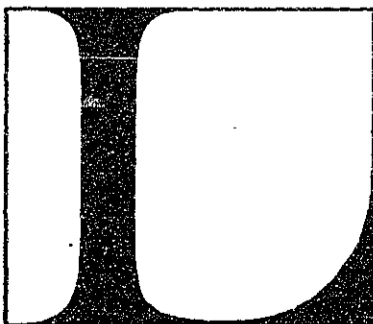
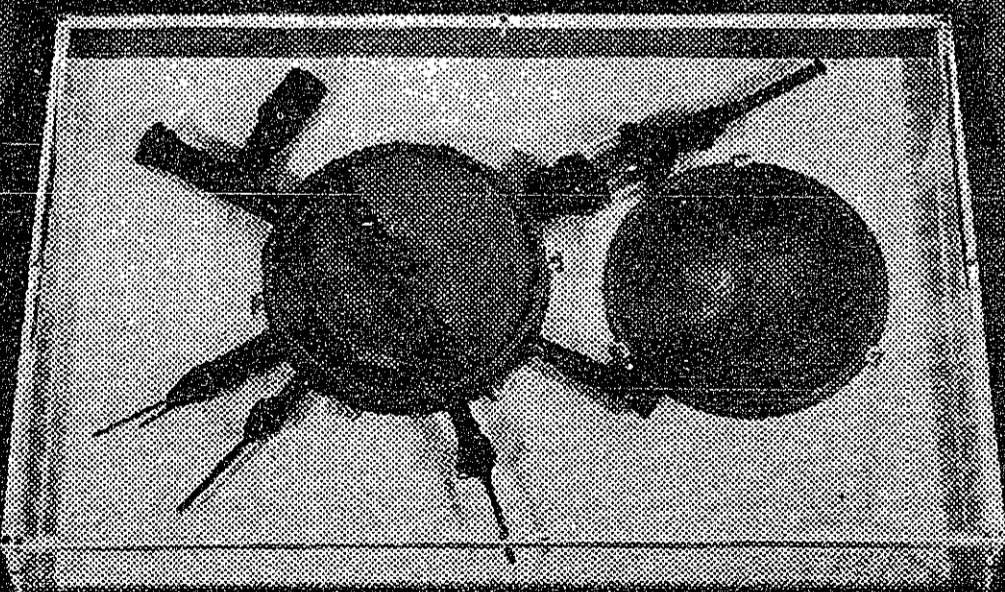
Today the business of discovery is carried on by 3200 people at the Berkeley site of Lawrence Radiation Laboratory, overlooking the University of California campus and San Francisco Bay. And the challenge of innovation remains for engineers—in advanced accelerator design and in a dynamic unclassified research program.

EE's: Major electronics development programs at LRL deal with nuclear instrumentation, automated data handling and acquisition, radio frequency and high voltage power supply systems, fast-counting techniques and semiconductor device development.

ME's: Our Mechanical Engineering work concentrates on design of accelerators and the instrumentation associated with them, on magnet development, high vacuum systems, shielding problems and mechanical engineering applied to biomedical research.

Engineering graduates at all levels who want to learn more about LRL should contact the Placement Office for appointments. Campus interviews will be held on Friday, March 6

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# New Dean of the School of Science

We welcome Dr. Jerome B. Wiesner's return to Cambridge to take on new academic responsibilities as Dean of the School of Science.

Dean Wiesner has had wide experience in science administration as Special Assistant for Science and Technology to the President of the United States. This background should be an excellent preparation for the multitude of problems which currently face the School of Science. The major problems, as we see them, are outlined below.

### Rising enrollments

The persistent rise in undergraduate enrollments in the School of Science will continue to test the academic resources and resourcefulness of the School. Because all of the graduate schools are currently expanding at a planned annual rate of 2 1/2 per cent, each of the seven academic departments that Dean Wiesner administers must plan carefully the utilization of teaching staff, materials, and laboratories.

One Institute official, familiar with the trend toward more majors in science, attributed some of the student influx to ignorance of the real work of scientists and confusion of some aspects of science with engineering. Prospective science majors must be given a clear and accurate view in their science courses and in counselling of the vocation they will take up.

### Research and teaching

Another perennial problem—managing and overseeing academic research

programs—has this past year taken on new proportions. The 1962-63 departmental and interdepartmental research expenses, excluding Lincoln Laboratories and the Instrumentation Laboratory costs, exceeded for the first time in recent years the purely educational expenses of the Institute by a few million dollars.

New ways—more direct ways—of having the benefits of our research environment precipitate down to the undergraduate's education should be explored.

### Teaching awards

The detection and rewarding of good teaching can contribute much to the worth of the MIT undergraduate experience. Currently such awards as the Goodwin Medal and the new Baker Foundation award promote the most outstanding examples of good teaching in the faculty. However, more awards and other encouragements are needed. The many good teachers should have the respect of their colleagues and due consideration at promotion time.

Commenting on President Stratton's annual report, The New York Times of February 14, 1964, noted:

"The professor who does a superb job of teaching physics or calculus can normally expect little beyond the gratitude of his limited number of students. The same energy poured into research will, if it produces a significant finding, result in fame, promotions, and lucrative consultancies . . ."

The Times went on to note that this disparity between the rewards for good teaching and research sharply raises the danger that many university faculty members may be slighting teaching in favor of research. The answer to the problem of overemphasis on research seems to be, as The Times wisely observed, "to increase the awards for good teaching in and out of the classroom."

These problems—balancing research with other objectives, awarding good teaching, handling the School of Science's expansion—are very real and difficult. We are confident, though, that Dean Wiesner will attempt to find imaginative and workable solutions after he has made the full transition from his top-level work in Washington.



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## Inside Inscomm

### UAP emphasizes nearness of Inscomm elections

By Jerry Luebbers, UAP

Elections are over! I'm about to set to work in earnest on my thesis, as are most of the outgoing seniors. However, as we have now nearly completed our tour of duty, we have the traditional rights of reflection, and you will be confronted with these in the coming weeks. I would like, though, to stress one point at this time. This year, through advancing the due date for petitions, by compressing the campaign period, and by holding elections earlier in March, we

have gained approximately three weeks over last year's schedule. Further, we now intend to turn the reins over to the new group in about two weeks. Our reasons for this acceleration were basically these: 1) The most active time of the academic year falls in the April-May period. 2) The new Inscomm members need a little time to accustom themselves to the demands of their new positions. 3) The first few weeks must necessarily be taken up by planning and elec-

tions, and if these tasks are superimposed on the almost frightening April schedule, the concepts of order and control are totally frustrated.

To the student body, the implication is clear. Elections for the many student government positions is imminent, and the time to think about them is now. I'm confident the new UAP will be advising you of the particulars, so I will content myself with simply listing some of the offices soon to be vacated: Finance Board, Chairman and 6 members; Secretariate, Chairman, Division heads, sophomore members; SCEP; FCC; PRC; Judcomm; ISC; and a number of others. Anyone interested in these positions should be referred to the appropriate chairman for information.

# Footnotes

By Bill Judnick

I think it would be fair to call the first prediction below the "leak of the week," in the sense that someone who had absolutely no business knowing about it gave me the first lead.

### The Crystal Ball

12. The School of Industrial Management will formally change its name in the NEAR future.

(Speaking of leads, "tips" if you prefer, they're always welcome and the source will be held in the strictest confidence.)

13. The course 16.63, Experimental Projects II, will be DROPPED as a required course for those engineering-science students in Course XVI next year. (The departmental ruling came too late for inclusion in spring course assignments; yet the advisors of juniors in that course aren't volunteering any information about it to their charges.)

14. Charlie - the-Tech-Tailor will have to MOVE from his present location across from Senior House in the next three to four years.

15. Professors Murray Gell-Man (CalTech) and Yuvai Ne'emem (from Israel) will win a NOBEL PRIZE for their theoretical work predicting the existence of the Omega Minus (cf. last week's story on page one) two or three years from now after further work is done to confirm the finding. They

seem to be the Mendeleev modern physics.

16. "Hack" design engineering jobs will VANISH by thousands across the nation once Project MAC through with its work on computer-aided-design (CAD).

(It all started a couple years ago when a master thesis was written in Cc VI, developing the original principles. In essence, it allows one design engineer sit before a computer's screen with a light pen and do work of ten men. (Details: The Tech, September 25, 1963, p. 3).

Funding; restaurant We have at present scant indications as to what will be going on in the "closing meeting of MIT's Corporation this week. One thing for sure though: they'll launch a funding effort needed to implement the recommendations of the CSE Report on Undergraduate Housing (cf. February 19 lead story).

ITEM: The Institute-direct search for a restaurant near Senior House has given up the ghost, perhaps making compulsory commons a more probable future reality in that area.

Movie cameramen will invade the Institute in April film a program on science and the humanities at MIT for United States Information Agency. The only other time USA was here was at the Centennial.

## Campus elections

This week's issue of The Tech carries full coverage of yesterday's campus elections. This coverage was made possible by the Secretariat's recent decision to change the elections date from today, March 4, to March 3.

This change, supported by The Tech, was made possible through the commendable efforts of Dick Carpenter '64, Chairman of the Secretariat, and Jim Wolf '65, Chairman of the Elections Division.

## Appointment

The Board of Directors of The Tech has accepted with regret the resignation of Clifford Weinstein '65 as Sports Editor, and is pleased to announce the appointment of David Kress '67, of Theta Chi and South Bend, Indiana, as Acting Sports Editor.

## Kibitzer

By Alan Rinsky

- NORTH**
- ♦ A Q 2
- ♥ A K 10 5
- ♦ A 10
- ♣ Q 9 8 4
- WEST (dealer)**
- ♦ 9 7 5 3
- ♥ 7 6 4 3
- ♦ J 5
- ♣ 10 7 6
- EAST**
- ♠ 8 4
- ♥ Q J 9 2
- ♦ K 9 8 6 3
- ♣ K J

- SOUTH**
- ♦ K J 10 6
- ♥ 8
- ♦ Q 7 4 2
- ♠ A 5 3 2
- Duplicate. East-West Vulnerable.

The bidding:

West	North	East	South
Pass	1♣	Pass	1♠
Pass	3♥	Pass	3 N.T.
Pass	Pass	Pass	

West led the Jack of Diamonds. South won the opening lead with the Ace of Diamonds. (If had played the Ten on the opening lead, he would have insured himself two diamond tricks most. By playing the Ace, the is still a chance, however slight of winning a trick each with the Ten and the Queen).

Declarer then led the Four Clubs, East played the Jack, declarer the Ace and West followed with the Six. It was not a question as to whether East started with a King-Jack doubleton of Clubs or a Jack-Ten doubleton, or possibly some other holding, such as the Jack singleton.

South led the Two of Clubs (Please turn to page 5)



Peanuts appears daily and Sunday in the Boston Herald.

# Kibitzer

(Continued from Page 4)

West played the Seven and South played the Nine from the dummy, and East's King dropped.

East led a low diamond (he should have led his King) which South won with the Ten in the dummy.

As East possessed the Queen and Jack of Hearts and the Diamond King, he became the victim of a squeeze. Declarer ran his remaining clubs and took three spade tricks, ending up in his hand.

The situation was this:

	<b>NORTH</b>	
	♥ A K 10 5	
<b>WEST</b>	<b>EAST</b>	
immaterial	♠ Q J 9	
	♦ K	
	<b>SOUTH</b>	
	♠ J	
	♥ 8	
	♦ Q 7	

South led the Jack of Spades and discarded the Heart Five from dummy. East had to discard the King of Diamonds or unguard his hearts. Either play gives declarer one extra trick.

The hand was taken from the last MIT Bridge Club Masterpoint tournament.

## WHAT'S NEW IN THE MARCH ATLANTIC?

"Mexico Today": A Special 62-page Supplement reveals the character and vitality of the Mexican people—through their short stories, poetry, and painting, and articles about their social advances, industrial growth, new art, music and archaeological discoveries.

Oscar Handlin: "Is Integration the Answer?": After 10 years, a view of the unexpected consequences of the Supreme Court ruling on segregation.

"Trips to Felix" by Garson Kanin: A portrait of Supreme Court Justice Felix Frankfurter—his love of people, wide knowledge, and intimate thoughts.

"Whatever Happened to Women's Rights?" by Paul Foley: Why today's American women are not availing themselves of their "equal status" opportunities.

Every month the Atlantic provides a platform for many of the world's most articulate and creative men and women. The result is always entertaining and informative, often brilliant, occasionally profound. More and more, the Atlantic is finding its way into the hands of discerning readers. Get your copy today.



# Letters to The Tech

## Conditions criticized in Senior House

To the Editor:  
There are certain aspects of living conditions at Senior House which should have been improved in the past. Now, in the light of the fact that both dormitory rents and Walker food prices are being raised, serious consideration should be given to these conditions and remedial action taken.

First, the janitorial services in

Senior House and probably in all the dorms should be extended. Presently all the janitor does is empty wastebaskets and keep the "public areas" clean. The majority of the student's time is spent in his room and not in public areas of the dorm. The cleanliness of the students' rooms should be equally, if not more, important than the cleanliness of halls and stairways. Students do not always have the time to clean their rooms regularly by themselves and many of them do not have the desire. Yet, this is no reason why the rooms should be left dirty. Having the porter dust and sweep out the rooms once or twice a week and having the floors washed once a month does not seem unreasonable. The janitors seem to have enough free time anyway.

The second point is Walker Memorial, which not only affects Senior House and East Campus, but a major part of the MIT community as well. The food is dull, bland, uninspired, and just plain lousy. Variety is limited and portions are meager. Stouffer's or anyone running Walker has monopoly, but this is no reason why the MIT community should be forced to accept it. Because Stouffer's does have a monopoly they should at least have the pride not to make it their only attribute. The Walker food must be improved, especially if prices are going to be raised.

If one visits other campuses one will see that institutionalized

food does not have to be bad. Brandeis University, for example, serves food that is really commendable for campus dining halls. Not only is the food more than edible, but there are unlimited seconds on vegetables, meat, all food in fact except dessert. It is true that food may cost more there, but it is definitely worth it. An investigation of the Brandeis dining halls operation and of food services on other campuses should be made and improvements that can be instituted at MIT should be made.

- Stanley Feder '66
- Bernard Horn '65
- Paul N. Blumberg '65
- Kenneth Ault '66
- Charles R. Morgan '65
- Anthony Robinson '64
- Cary Salsberg '65

## Walker food assailed

To the Editor:  
Before I depart from these hallowed halls, I would like to register a formal protest against the quality and variety of food served in Walker Memorial. I believe that the undergraduate is being swindled by the Institute, for lack of interest, and by Stouffer Corporation, for profit. This goes for the war-surplus turkey sandwiches as well as the lipid spattered green beans.

As MIT marches toward its glorious nook in the universe, I find that the scientific Renaissance has failed to penetrate the depths of the Neanderthal kitchens prevailing on campus. How much longer the clientele tolerates the grisly roast beef (au jus), soppy tomatoes, and apple seed pie may well depend on their unbelievable passivity and the carcinogenic effects of the food. The fraud is so evident that no one can conceive of an improvement. A trip to Durgin-Park for a 95c lunch or to the English Room for a \$1.90 spread can only bear this out. Alas, the Institute wails that the overhead is enormous. Granted, paying students the minimum wage and heating a drafty barn like Morss Hall would break the Chase Manhattan Bank.

Savants of science, rejoice. The 'staphing' of the Student Union by Stouffer's will unveil culinary triumphs never before imagined or committed by man. It is common knowledge that the prospect of compulsory commons has unleashed a tidal wave of hosannas that has been felt all the way to New York, where Col. Stouffer chuckles and clips his coupons.

Anthony Robinson '64

## Campus Interviews March 23



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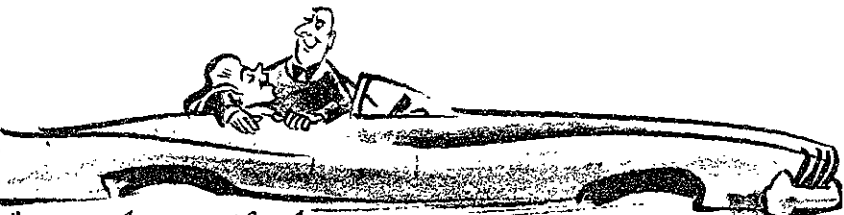
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**On Campus** with Max Shulman  
(Author of "Rally Round the Flag, Boys!" and "Barefoot Boy With Cheek.")

## EVOL SPELLED BACKWARDS IS LOVE

They met. His heart leapt. "I love you!" he cried.  
"Me too, hey!" she cried.  
"Tell me," he cried, "are you a girl of expensive tastes?"  
"No, hey," she cried. "I am a girl of simple tastes."  
"Good," he cried, "for my cruel father sends me an allowance barely large enough to support life."  
"Money does not matter to me," she cried. "My tastes are simple; my wants are few. Just take me riding in a long, new, yellow convertible and I am content."  
"Goodbye," he cried, and ran away as fast as his little stumpy legs would carry him, for he had no yellow convertible, nor the money to buy one, nor the means to get the money—short of picking up his stingy father by the ankles and shaking him till his wallet fell out.



He knew he must forget this girl, but lying on his pallet at the dormitory, whimpering and moaning, he knew he could not.

At last an idea came to him: though he did not have the money to buy a convertible, perhaps he had enough to rent one!

Hope reborn, he rushed on his little stumpy legs (curious to tell, he was six feet tall, but all his life he suffered from little stumpy legs) he rushed, I say, to an automobile rental company and rented a yellow convertible for \$10 down plus ten cents a mile. Then, with many a laugh and cheer, he drove away to pick up the girl.

"Oh, bully!" she cried when she saw the car. "This suits my simple tastes to a 'T.' Come, let us speed over rolling highroads and through bosky dells."

Away they drove. All that day and night they drove and finally, tired but happy, they parked high on a wind-swept hill.

"Marlboro?" he said.

"Yum, yum," she said.

They lit their Marlboros. They puffed with deep contentment. "You know," he said, "you are like a Marlboro—clean and fresh and relaxing."

"Yes, I am clean and fresh and relaxing," she admitted. "But, all the same, there is a big difference between Marlboros and me, because I do not have an efficacious white Selectrate filter."

They laughed. They kissed. He screamed.

"What is it, hey?" she asked, her attention aroused.

"Look at the speedometer," he said. "We have driven 200 miles, and this car costs ten cents a mile, and I have only \$20 left."

"But that is exactly enough," she said.

"Yes," he said, "but we still have to drive home."

"Oh," she said. They fell into a profound gloom. He started the motor and backed out of the parking place.

"Hey, look!" she cried. "The speedometer doesn't move when you are backing up."

He looked. It was true. "Eureka!" he cried. "That solves my problem. I will drive home in reverse. Then no more miles will register on the speedometer and I will have enough money to pay!"

"I think that is a smashing idea," she said, and she was right. Because today our hero is in the county jail where food, clothing, and lodging are provided free of charge, and his allowance is piling up so fast that in two or three years he will have enough money to take his girl riding again.

**Marlboro Cigarettes, good as they are, should not be smoked backwards. We, the makers of Marlboro, most earnestly urge you to light only the tobacco end. Otherwise your smoking pleasure will be substantially diminished.**

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# Wiener warns of imminent danger: man must control the computer

By Steve Portnoy  
"The computer is just as valuable as the man using it" admonishes Prof. Norbert Wiener in an interview in the US News and World Report of February 24.

"It can allow him to cover more ground in the same time. But he's got to have the ideas." Wiener warns that computers are being used intelligently in only "10 per cent of the cases," and that this might pose a grave problem for all of mankind.

Prof. Wiener describes the source of this problem. "The danger is essentially intellectual laziness. Some people have been so bamboozled by the word 'machine' that they don't realize what can be done and what cannot be done with machines—and what can be left, and what cannot be left, to the human beings."

### Machines dangerous?

Far from suggesting that computer advance is itself dangerous, though, Wiener notes the present achievements and describes what might lay ahead.

The machine has been taught to play checkers, and was "good enough to be able, after a while, to systematically defeat its inventor until he learned a little more about checkers." The same should hold for chess, according to Dr. Wiener, and computers are learning to recognize speech.

Possible changes in hardware, especially memory, are also foretold by Wiener. He foresees the use of materials similar to those found in human memory systems. Pointing to evidence that nucleic acids form the basis of memory, Prof. Wiener suggests that substances like genes might be used in computer memories.

Nevertheless, Wiener takes strong cognizance of some modern computer uses that might, in his opinion, prove dangerous. Computers are being used in military decision making, including considerations of nuclear warfare. Wiener would be surprised if the problem of "when to push the

'big button' weren't being handled at least partially by computers.

He continues with the warning: "There are no experts in atomic war. An expert is a man who is experienced. This man does not exist today. Therefore, the programming of war games by artificial criteria of success is highly dangerous and likely to come out wrong."

### Man must control

Prof. Wiener reiterates his belief that man must remain in control of the machine. "Obviously, they won't declare war unless we create a setup in which they will." He concludes by answering the question: Is man changing his environment beyond his capacity to adjust to it?

"That's the \$64 question. He's certainly changing it greatly, and if he's doing it beyond his capacity, we'll know soon enough. Or we won't know—we won't be here."

# Pershing Rifles defeat Boston U. and become New England champs

The MIT Pershing rifle team won the Pershing Rifles New England Championship last Saturday. They defeated Boston University 910 to 598 at the Northeastern range, firing in four positions on international targets.

High man for MIT was Joe Boling '64 with a 367. Following were: Tom Hutzelman '67 with a 320, and Jimmie McPherson '67 with a 243.

The team has qualified for the second section of the National Pershing Rifles. It will travel later this month to Niagara University to fire a postal match.

# Lincoln builds image converter

Lincoln Laboratory is in the process of developing an all-solid-state infrared-to-visible image converter. The unit will be simpler and more flexible than present day electroluminescent models.

The new MIT design consists of a photoconductor in series with a matrix of light-producing diodes. The photoconductor can be germanium, or one of several binary germanium compounds, and the diode radiators can be gallium arsenide or a gallium arsenide phosphide.

Operation is produced when a voltage is applied to the structure induces a forward current flow through each diode. This injection current is converted into visible radiation upon recombination. The photoconductor resistance controls the amount of injection current that flows into the diode and is subsequently converted to visible light.

A decrease in this resistance occurs when the photoconductor

is exposed to infrared radiation so current flow through the diode is increased. This makes the diode radiate more visible light.

According to R. J. Keyes and T. M. Quist of Lincoln Lab, the ultimate resolution limit of the device depends only on the thickness of the photoconductor and the f-number of the optics.

For a 0.005-inch thickness and f/1 optics, this resolution is 16 microns. A converter with this quality would be equivalent to a 20-inch TV tube with 25,000 lines.

The present practical limit is about 100 lines per inch.

**Parents'**  
**Weekend**  
**April 24-26**

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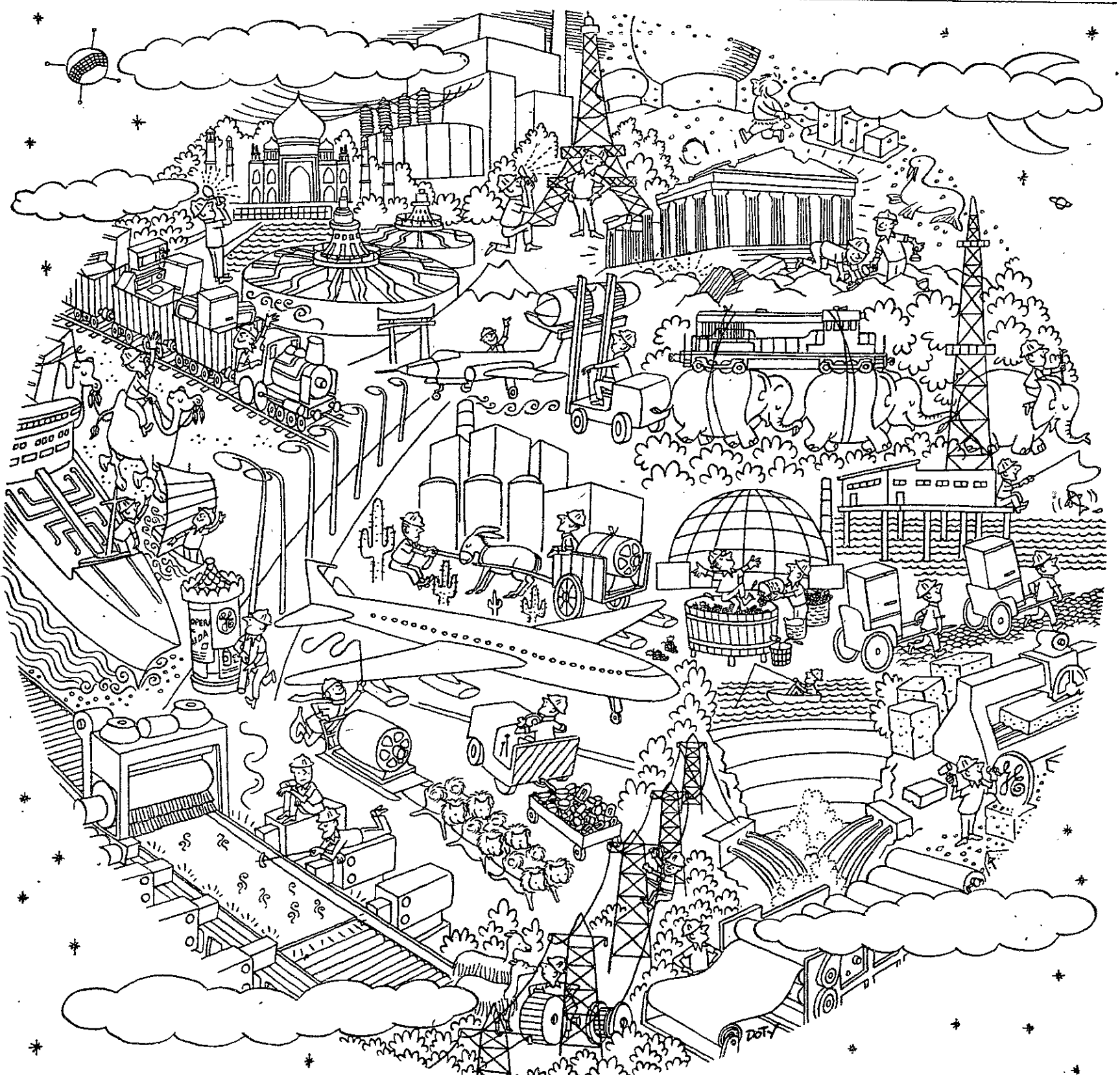
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## Raymond Sutherland of Lincoln Laboratory receives life saving award of Liberty Mutual

Raymond J. Sutherland of Lincoln Laboratory recently received a Liberty Mutual Insurance Company life saving award for prompt

and effective action in saving the life of a co-worker.

During a November trip to the Lincoln Lab's field station on Roi Namur in the Marshall Islands, Sutherland witnessed the man's falling on an energized transformer.

A fellow employee, David A. Mudgett quickly de-energized the circuit while R. J. Sutherland and R. A. Senkel of Chance-Vought Co. used a vacuum cleaner hose hooked around the victim's waist to remove him from contact with the current.

Sutherland immediately began artificial respiration and had restored natural breathing in the victim by the time a hospital corpsman arrived in an ambulance.

## Gulf Oil announces gift; stipends to be based on curriculum

An unrestricted grant of \$2,291 was given this year to MIT by the Gulf Oil Corporation.

It was one of 692 awards, totaling \$500,000, that comprise the Aid-to-Education Program of that company.

The direct grants are calculated on the basis of a formula which takes into account the quality of the school's curriculum, the effectiveness of its program, and the amount of financial support provided by alumni.

## music at mit . . .

### Shostakovich highlights MIT concert

By David E. Trevett

The first half of last Sunday's orchestra concert was surprisingly so-so; the last half was surprisingly good.

The additional 45 players from Bryn Mawr and Haverford brought the total number to 120-plus. This was nice for the Shostakovich, but unfortunately Dr. Reese chose to employ the full contingent of strings even for the Mozart; this included 44 first and second violins, 11 violas, 10 cellos and 4 basses—a most unwieldy assortment.

And unwieldy they were as they lumbered into the Overture to The Magic Flute. Dr. Reese seemed to be an outstanding classicist conductor, with every beat precise and unmistakable. But the orchestra refused to follow him.

The result was the lack of precision and unity so typical of past performances. Although the situation did improve with time, the orchestra never captured the lightness and crispness characteristic of Mozart.

Perhaps this would be the place to make a few general comments about the entire performance:

1. The brass, though good, were not as solid and reliable as in the past.

The orchestra generally performed admirably in lyrical sections, or in slow, full passages; but in the technical whirlwinds the strings frequently scrambled around randomly.

3. Members of a given section were generally in unison with one another, but not with other sections.

4. Changes in dynamics were executed expertly, but changes in tempo were less successful.

The Schumann suffered from

BRYN MAWR — HAVENFORD SYMPHONY and MIT SYMPHONY ORCHESTRA, conducted by Dr. William Reese and John Corley. March 1, 3 p.m., Kresge Auditorium.

#### PROGRAM

Overture to The Magic Flute . . . . . Mozart  
Symphony No. 4 . . . . . Schumann  
Symphony No. 5 . . . . . Shostakovich

the same faults as the Mozart. Technical work in the first movement seemed better, although unity was still a problem.

The second movement was a pleasing change: The unison cello solo was, in fact, in unison; the lyrical passages were beautifully executed by strings and woodwinds; and a lengthy violin solo was performed quite nicely by the visiting concertmistress, Miss Barbara Dancis.

The third movement was perhaps too slow and the last was a bit heavy-handed at first, but it was in these two movements that the piece sounded most like a Schumann composition.

After the first half of the concert, the performance of Shostakovich was a pleasant surprise; the opening of the first movement was without a doubt the best-performed passage on the program.

The strings, particularly the first violins and cellos, have never sounded better than they did here; their unison and expression were near perfect. Mr. Corley's slow, tense interpretation of this searching, often dramatic section was truly exciting.

Soon the piece started moving faster, the violins started scrambling, and the woodwinds became shaky; whenever the pace slowed

down, however, intonation improved and strings were more nearly together. Surprisingly, the woodwinds didn't come through as well as the strings in these quieter sections.

Miss Janet Stober, MIT's concertmistress, played outstanding solos in the first and second movements, though that in the latter was slightly stiff. Overall, the second movement was unsatisfactory.

As a whole, the Largo was the best-performed movement of the concert. All sections were in top form, and cellos attained here a unity and sonority they had never achieved before.

Anyone reasonably familiar with the Shostakovich is probably aware of the controversy which has existed concerning the tempo of the last movement since Mr. Bernstein's notable performance in Moscow some years back. As expected, Mr. Corley chose the Bernsteinian interpretation and took off at a breathtaking pace.

The orchestra had to scramble, but managed to keep up; the brass were at their best in this movement. The dazzling effect of the movement as a whole overshadowed individual mistakes and general confusion in the upper strings. The ending was all that could be expected, and the orchestra banged its way to a glorious finale.

**Parents' Weekend**  
April 24-26

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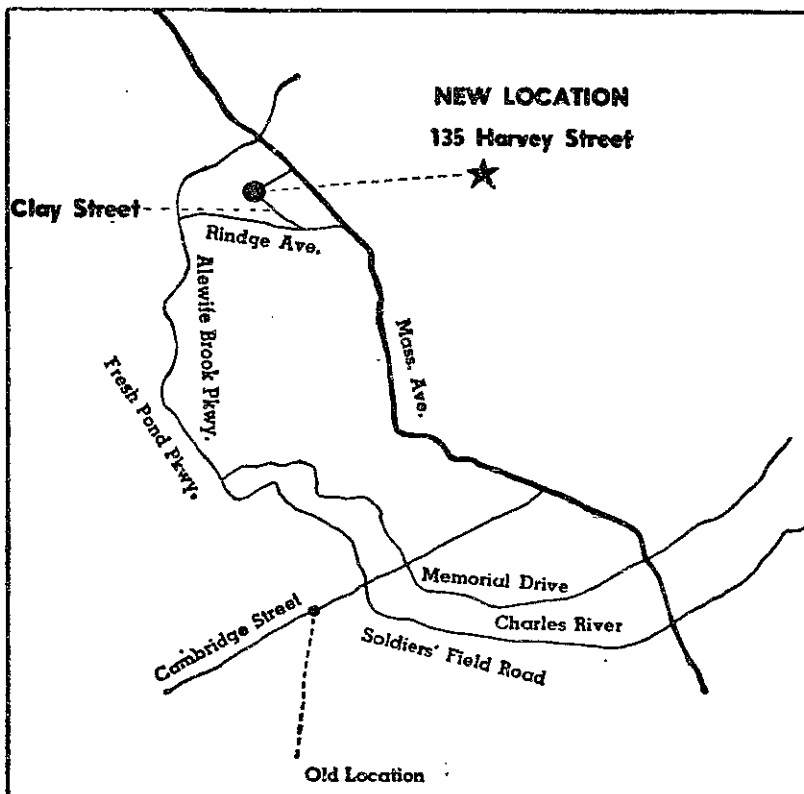
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## Making the Scene

**Boston Symphony** — Leopold Stokowski guest conductor, Mozart's Sinfonia Srafinzka's Suite from "Petrushka," Mozart's Sinfonia in E flat, also selections by Vivaldi, Rorem, Gabrielii, and Hovhaness. March 6, 2:00 and March 7, 8:30.

**New England Conservatory** — Program of music by Brahms and Janacek. Mar. 4, 8:30 p.m. Jordan Hall, free. Demonstration and recital of the Japanese violin teaching method. Works by Bach, Handel, and Vivaldi, at Jordan Hall, March 10, 4:30 p.m., free.

**Gardner Museum** — Susan Lovegrove, soprano, and Barbara Bender, piano, program of music by Haydn, Mozart, and Schubert. March 5, 3 p.m. Music by Brahms and Martinu, March 5, 8:45 p.m. A program of Brahms, Milan, and folk songs with Ray Fennelle, Baritone, and Robert Sullivan, Guitar. March 7, 3:00 p.m. Free.

**Glenn Gould** — at the Gardner Museum. Piano recital and lecture on the history of the piano sonata. March 8, 3:00 p.m. free.

**BU Symphonic Band** — Works of Bach, Brahms, and Faure, under direction of Dr. Lee Chrisman, in the Concert Hall, 855 Commonwealth Ave., March 5, 8:30 p.m., free.

**Simmons College** — Joint concert, Simmons Glee Club and Ensemble, and Rensselaer Polytechnic Glee Club and Orchestra. March 8, 8:00 p.m., Jordan Hall.

**MIT Glee Club** — With the Smith College Choir, Cambridge Festival Orchestra, MIT Woodwind and Brass Ensemble, and soloists. Performance of Stravinsky's Mass and Mozart's Vesperae Solennes De Confessore, K. 339. March 8, 3:00 p.m., Kresge, tickets free to members of the MIT community in the lobby of Building 10, \$1.00 at the door.

**Boston College Chorale** — With the Apollo glee club of Yale, Berl Zambokhian organist, C. Alexander Pelouquin pianist and director, Symphony Hall, March 6, 8:30 p.m., tickets \$2.00-\$3.50, program includes works of Franck, Pachelbel, and early religious choral works.

**Tech Show** — "How to succeed in Espionage Without Really Spying."

S	M	T	W	T	F	S
			4	5	6	7
8	9	10	11	12	13	14
15	16	17				

Kresge, March 6-7, 8:30 p.m., tickets \$1.80 to \$2.50 in the lobby of Building 10.

**LSC Contemporary Series** — 'Mondo Cane' a supposedly 'smoothly integrated collection of true to life scenes whose bare reality will amaze and sometimes stupefy the viewer.' By the producers of 'Women of the World.' March 6, in 10-250, 8:30 and 9:00 p.m., \$60.

**LSC Entertainment Series** — 'The Horizontal Lieutenant,' Room 10-250, March 7, 5:15, 7:30, and 9:45; A Jim Hutton-Paula Prentiss comedy set in the Pacific during World War II.

**LSC Classic Series** — 'Alexander Nevsky,' Room 10-250, March 8, 8:00 p.m.; From the defense of Novgorod in 1242, Eisenstein has fashioned a monumental history. In collaboration with Prokofiev he realized the re-

lationship of sound and image (USSR, 1938).

**MISCELLANEOUS**

**Friedman Lectures** — Dr. Phillip Morrison, professor of physics at Cornell University; 'Minimal Principles in Physics,' two lectures, March 9-10, 4:00 p.m., Room 6-429.

'Austria, Heart of the Tyrol,' — film and lecture by William Sylvester, Sunday, March 8, 4:00 p.m., Rindge Auditorium, 459 Broadway, Cambridge.

**Museum of Fine Arts** — Opening March 5, '101 Masterpieces of American Primitive Painting,' touring collection of outstanding work; admission free for members, \$.50 for non-members.

**Medieval France Exhibit** — Hayden Library Gallery, March 9 through 29, sponsored by the MIT Museum Committee and the Humanities Department in connection with the freshman humanities course.

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

**Newton Junior College** — Gabrielli String Trio, all string members of the Boston Symphony in an all-Mozart concert, March 11 at 8:15 p.m., College Hall, Washington park, Newtonville, free.

**New England Conservatory** — A program of music by Bartok, March 11, 8:30 p.m. at Jordan Hall, free.

**King's Chapel Series** — A program of choral works by Schumann, King's chapel choir and the Cambridge Festival Orchestra. March 15, 5:00 p.m. King's chapel, free.

**Donnelly Memorial** — Boston Opera Group; 'L'Elisir d'Amore,' March 11, 8:30 p.m. The Kingston Trio, March 14, 8:30 p.m.

**Tufts University Concert Series** — The Neille Fisher Ballet Company, March 13, 8:30 p.m., The Cohen Fine Arts Center, \$2.25.

**THEATRE**

**LSC Contemporary Series** — 'David and Lisa,' Kresge, March 13, 6:00 and 9:00 p.m., \$60.

**LSC Entertainment Series** — 'To Kill a Mockingbird,' Room 10-250, 5:15, 7:30, 9:45 p.m., \$35.

**LSC Classic Series** — 'Devil in the Flesh,' Room 10-250, 8:00 p.m., \$50.

**MISCELLANEOUS**

**Poetry readings** — Red Whittemore, head of the Carlton College Department of English, author of five books of poetry, Hayden Library Lounge, (14E-310) March 12, 8:15 p.m., admission free.

**Paintings by Ruth Abrams** — MIT Faculty Club, March 12 through April 3, collection of small, abstract paintings called 'microcosms,' free to the public.

## 125 firms show interest in letter sent by SCEP

Some 125 firms have "expressed definite interest in receiving applications from MIT students for summer jobs after receiving a letter sent out by the Student Placement Office.

The letter stressed the "varied and intensive educational backgrounds" of Tech men, and was mailed to over 500 firms that do not normally interview on campus. It was drafted by a Student Committee on Educational Policy sub-committee headed by Perry Seal '65, and over 200 replies have been received to date.

More information is available at the Student Placement Office (24-211).

## Critic's Choice

### Kramer's 'The Victors' even worse than expected

By Gilberto Perez-Guillermo

I must confess I went to see 'The Victors' (at the Gary) with a strong premonition that it was going to be bad, bad in a Stanley Kramer sort of way. In fact, the film turned out to be even worse. As one gathers from the press release, Carl Foreman, who wrote, produced and directed the picture, wanted to make a strong personal statement against war and its deteriorating effects on human beings, even when they are the victors. Mr. Foreman overstates all his points, which were rather simple-minded to begin with, to the extent that they lose all significance as a comment on real people and real war.

The film is composed of a series of episodes, each containing a "message" announced with a flourish of trumpets and made blatantly obvious to the most slow-witted of spectators. In this manner, Mr. Foreman tells us, for instance, that Arab soldiers are nice, that they even like babies. When he is out to show the distance between a tough American sergeant and a French war widow who quotes Valery, they appear to be from different planets. All throughout Mr. Foreman makes very clear what we are supposed to feel, what we are supposed to think, but he never succeeds in making us react accordingly.

Particularly annoying is the crudity of Mr. Foreman's ironies, when he intercuts newsreel shots from back home, or when he plays contrasting background music. A deserter is executed to the sound of 'Have Yourself a Merry Christmas.' Two Negro soldiers are stabbed by racists while a radio plays 'Remember Pearl Harbor.' The musical score, in keeping with the rest of the picture, is bombastic and obvious.

Most serious critics have given 'The Victors' the bad review it deserves. What bothers me, how-

ever, is that they seem to have believed Mr. Foreman's press release and have treated the film as a serious, well-meant attempt which fails out of sheer lack of talent. While I wholly agree that Mr. Foreman is not particularly talented, I'm not ready to accept that he is sincere. Perhaps he dislikes war, perhaps he really hoped the world would be a paradise after the end of World War II. But I do not think he has made a serious, whole-hearted attempt to express his feelings. If one thinks about the subject of the film, and of how Mr. Foreman has a way of driving his points home, one would realize most of the episodes are surprisingly mild, "controversial" only in the press release, sensationalized and sentimentalized for mass-audience consumption. And if this were not sufficient proof, take the casting of Elke Sommer, whose bad performance should have been obvious even to Mr. Foreman, as one of the "six more exciting women in the world."

Laurence Olivier's 'Henry V' (at the BU Student Union, Friday at 8 p.m.) remains, after twenty years, the most successful rendering of Shakespeare on the screen. The film has been vastly overpraised, I think (James Agee in 'The Nation' saw it necessary to make clear that it is not the best movie ever made), but it works pretty well within its self-imposed limitations. Olivier has made no attempt at a cinematic creation independent of the play, he has merely used the medium to serve it, as unobtrusively and effectively as possible. The film is too respectful, I think, and, as James Agee pointed out, sometimes patronizingly so. But it is a hundred times preferable to, say, Orson Welles' overblown 'Othello,' in which cinematic effects oppress the original work, and nothing significant is created in its place.

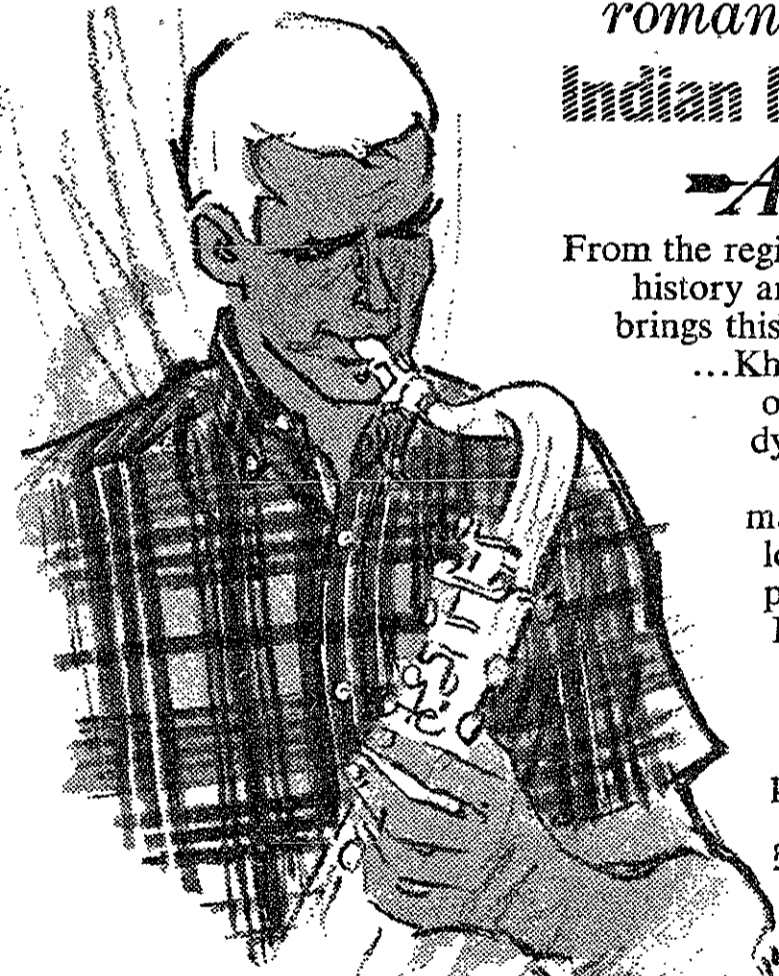
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A SAWTECH ENTERTAINMENT PRODUCTION

drama at mit...

Tech Show mixes spies and song

By Mona Dickson

Can anyone honestly expect an amateur musical to overcome the problems inherent when amateur musicians, amateur playwrights, amateur actors, and amateur directors compound their felonies? Not likely.

That is why it was such a surprise to find that this year's Tech Show, 'How to succeed in Espionage without Really Spying,' had some aspects of decent theatre in it.

The plot concerns a Beaver Key Club in Boston set up by Chew In-foo, a representative of the People's Republic, and his Russian assistant Olga. These two are vying to get a secret formula from Professor Peter Probe. Throughout the play they manage to foul each other's plans nicely. "Why," In-foo asks, "out of all the agents at the indoctrination school, did they send you to be my faculty advisor?"

Minor complications arise from the Daughters of the New America, who believe the club is un-American. To make matters worse, the faithful chorus girl Beavers learn that capitalist decadency can be fun.

Prof. Probe's daughter, her



Photo by Stephen Teicher

The finale of the '64 Tech Show unites Sandra Rosenbloom, Warren Littlefield, Judy Scott, Norm Rubin, Geraldine Marlowe, and Barb Weaver after a hard night of singing and spying.

stole my papers?" the professor asks. "That was the work of the Beavers." "They did seem a bit eager." This type of line does not lend itself to deep character development. But it does give an actor the chance to play a one-sided, over-exaggerated puppet, a chance to be pure ham.

David Fan's interpretation of Chew In-foo is an example of ham. Every look, every movement was beautifully over-exaggerated. The character came into "mell-dramer" life. Chew was funny because he did not take himself seriously.

The other performers fell into the trap of trying to play "The Perils of Pauline" as if it were "Joan of Arc". Bernard Simmons, as Joe, livened things up by acting natural. The only others to come out from behind their acting were the Beavers. But how much acting does it take to act like a Beaver?

The big factor that offset the acting was the music. Score and songs were in the best satire tradition. 'Q.E.D.' Dr. Trueblood's scientific explanation of sex is a scream. 'Don't Let 'Em Touch,' the Beavers' lesson on how to be Beaver, was funny; but for some strange reason the audience did not react until the point was shoved in their collective face.

Miss Prudence Probe's 'Song of Protest,' gibing the feelings of the DNA, hits every institution that is not previously mentioned in the play. Its spirit is reminiscent of the coed version of "Officer Krupke" in last year's All Tech Sing.

The score itself would do justice to a motion picture. The music blended beautifully with the action and the moods that should have been there.

After a slow start in the Overture, they warmed up into an effective version of a full band. Since most of the musicians had two instruments with them, their performance was truly praise-

worthy. Riley Sinder's flute part in the love song was especially well done.

Special effects tended toward the hilarious. The eager news photographer, Flash Gordon, who follows the DNA around, had a well-placed, out-of-date (ie, blue) The Tech press card tucked behind one ear. During intermission the curtains were not drawn. Dr. Trueblood and her companion Dr. Diddlesmith sat alone in the club playing a game of chess. The Techman lost.

Direction of the play is rather deficient to say the least. Here again is lack of a feeling for satire. Many of the actors' movements were unnatural, and not only because of their inexperience.

All of the songs are presented to the audience from the footlights, an artificial device at best. The one semiexception, 'Intuitively Obvious' a duet done with one character in front and the other on the second floor of the club, was refreshingly different.

sweetheart, and faculty friends, plus random agents sneaking in and out, provide the necessary complications.

The lines were good, and not only in the script. The Beavers danced as lightly as a herd of spastics, and some needed to throw themselves into the spirit of their parts. But who, especially a coed, can be objective about a chorus line? Daphne, who gave her all to get the secret papers, was especially convincing.

Joe the bartender proved to be the best dancer on the stage through sheer naturalness. His part in the twist sequence at the beginning of the second act had the audience applauding every step.

Madam No, played by Stephanie Hebron who is also the choreographer, dances an interesting solo trying to get the secret papers from the professor. It is difficult to say whether the chorus line dance sequences were the fault of the choreography or of the Beavers' inability to move.

The script is full of jokes. "Who

WTBS Schedule

The following is the WTBS schedule as of March. WTBS broadcasts on 88.1 megacycles F.M., 640 kilocycles A.M.

- SUNDAY**
  - 2:00 Sign On, Music of the Twentieth Century
  - 4:00 World of Song
  - 5:00 This is the Blues
  - 7:00 Music at MIT
  - 8:00 The Spoken Word
  - 9:00 News
  - 9:10 Classroom Concert
  - 12:00 News
  - 12:10 Jazz at Midnight
  - 1:30 Sign Off
- MONDAY**
  - 8:00 Sign On, Rise and Shine News on Hour and Half Hour
  - 9:45 Sign Off
  - 6:00 Sign On, John C. Heine Show
  - 7:00 News
  - 7:05 The John C. Heine Show
  - 8:00 Club Latino Show
  - 8:30 Arab Club Show
  - 9:00 News
  - 9:10 Masterworks
  - 11:50 News
  - 12:00 Jazz at Midnight
  - 1:30 Sign Off
- TUESDAY**
  - 8:00 Sign On, Rise and Shine News on Hour and Half Hour
  - 9:45 Sign Off
  - 6:00 Sign On, Perioo, Stomp & Glee
  - 7:00 News
  - 7:05 Sangam Presents
  - 8:00 Folkside
  - 9:00 News
  - 9:10 Masterworks
  - 11:50 News
  - 12:00 Jazz at Midnight
  - 1:30 Sign Off
- WEDNESDAY**
  - 8:00 Sign On, Rise and Shine News on Hour and Half Hour
  - 9:45 Sign Off
  - 6:00 Sign On, Armenian Club Show
  - 7:00 News
  - 7:05 WTBS Presents
  - 9:00 News
  - 9:10 Masterworks
  - 11:50 News
  - 12:00 Jazz at Midnight
  - 1:30 Sign Off
- THURSDAY**
  - 8:00 Sign On, Rise and Shine News on Hour and Half Hour
  - 9:45 Sign Off
  - 6:00 Sign On, Ramblin' Round
  - 7:00 News
  - 7:05 More Ramblin' Round
  - 8:45 Linelight Review
  - 9:00 News
  - 9:10 Masterworks
  - 11:50 News
  - 12:00 Jazz at Midnight
  - 1:30 Sign Off
- FRIDAY**
  - 8:00 Sign On, Rise and Shine News on Hour and Half Hour

- 9:45 Sign Off
  - 5:00 Sign On, Jazz Special
  - 7:00 News
  - 7:05 WTBS Forum
  - 8:00 Coffee House Theater
  - 10:00 News
  - 10:10 Nite Owl Part I
  - 10:10 Music by Telephone Request
  - 11:50 News
  - 12:00 Nite Owl Part II
  - 2:00 News
  - 2:05 Sign Off
- SATURDAY**
- 3:00 Sign On, Rock & Roll Memory Time
  - 5:00 Jazz Spotlight
  - 7:00 News
  - 7:05 Sound of Saturday
  - 9:00 News
  - 9:10 Nite Owl Part I
  - 9:10 Music by Telephone Request
  - 12:00 News
  - 12:10 Nite Owl Part II
  - 2:00 News
  - 2:05 Sign Off

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March 8, 1964, Sunday at 3 p.m.  
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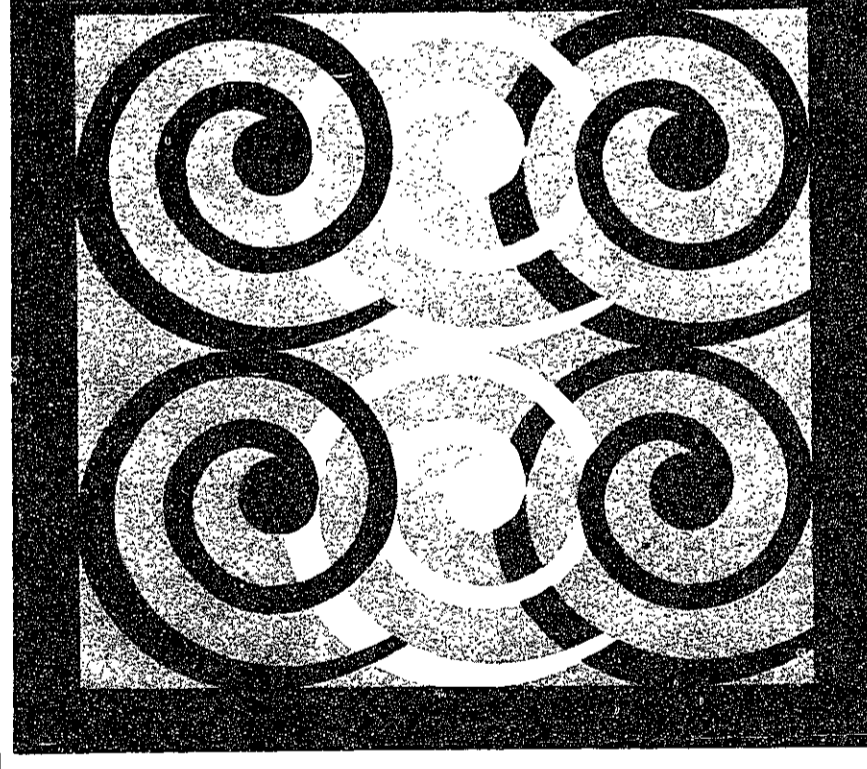
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Contemporary Series

**'Mando Cane'**

Friday March 6

6:30 & 9:00

10-250 60c

Entertainment Series

**'The Horizontal Lieutenant'**

Saturday March 7

5:15, 7:30 & 9:45

20-250 35c

Classic Series

**'Alexander Nevsky'**

Sunday March 8

8:00 10-250

Admission 50c or membership card

A Lecture

**John Kenneth Galbraith**

**'Economics and Social Priority'**

Tuesday, March 10

8:00

Room 26-100

Free

movies . . .

# McQueen stars as careless lover

By D. F. NOLAN

Good acting, better-than-average photography and skillful direction almost manage to make Paramount Pictures' new film, "Love With The Proper Stranger," a really good movie. Unfortunately, an ultimately banal plot ruins the attempt. The result is certainly presentable, but not inspiring in the slightest.

The film opens in a New York musicians' hiring hall, where Rocky Papasano (Steve McQueen), an itinerant jazz musician, is wandering around looking for work. He is confronted by a slight, attractive brunette who announces "I'm going to have a baby." Rocky looks mystified. From here on, it's downhill all the way.

"Love with the Proper Stranger," a Pakula-Mulligan production, starring Steve McQueen as Rocky and Natalie Wood as Angie, with Edie Adams as Barbara, Herschel Bernardi as Dominick, and Tom Bosley as Columbo. At the Paramount Theater.

The brunette, it turns out, is Angie Rossini (Natalie Wood), a girl with whom Rocky spent the night a few months back at a summer resort. It seems that she wants the name of a good abortionist, Rocky doesn't happen to have one with him, but promises to see what he can do. He tries to get the hot poop from the girl he is living with, a stripper named Barbara (Edie Adams), and is bounced out on the street for his pains.

Eventually, Rocky and Angie get to an abortionist's, and are totally repulsed by the crude, filthy makeshift atmosphere of the "doctor's" office and by the "doctor" herself — a crude, filthy makeshift old crone. They leave, poorer by four hundred dollars, but wiser in the ways of the world.

Rocky drops Angie off at Bar-

bar's apartment for the night (Barbara is at work), and goes off to tell Angie's folks. Next time we see him, he is with Angie's older brother Dominick (Herschel Bernardi) and is sporting a black eye. They are greeted at the door of Barbara's apartment by none other than Barbara herself, who demands an explanation or two.

Well—you get the picture. Rocky offers to marry Angie. Angie refuses, because she doesn't want to marry anyone who doesn't love her. Rocky disappears into limbo, and Angie feigns an interest in "Clumsy Columbo," a kind and devoted shmutz who is madly in love with her. Needless to say, in the end she winds up with Rocky, although not without some trouble, and everybody presumably lives happily ever after.

Steve McQueen as Rocky is excellent. His portrayal of the independent but fair-dealing musician is skillful and consistent. One cannot help but sympathize with and to some extent identify with the gruff, forthright maverick who is firmly convinced that marriage is a prison, but gives himself up in the end.

Natalie Wood is pretty, as usual, and performs creditably as Angie, although she lacks the sincerity which McQueen puts into his performance. According to Para-

mount Pictures, she should get an Academy Award nomination for this, but I doubt it—then again, I never have found Natalie Wood very impressive.

Edie Adams is excellent as Barbara—the scenes with her and her numerous pet dogs are among the funniest in the movie.

Herschel Bernardi and Tom Bosley as Angie's brother Dominick and her would-be lover Columbo lend able support to the lead stars—the parts of the over-protective old-world older brother and the sincere but hopeless suitor are stereotyped, but handled well. Dominick reminds one somewhat of a large bear, while Columbo emerges as a basset hound whose tail has been stepped on.



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# Two MIT profs Sloan fellows

Professors Kenneth M. Hoffman and Dietmar Seyferth have been awarded grants for basic research in mathematics and chemistry, respectively, from the Alfred P. Sloan Foundation, it was announced Monday.

Ninety-two other Sloan Fellows were chosen from the faculties of 40 universities and colleges in the United States and Canada.

According to Everett Case, Foundation President: "In no area is complete freedom of choice more important than it is in basic research." Therefore, Sloan Fellows are not required

to submit a project plan; the grants are unrestricted.

Dr. Larkin H. Farinholt, Foundation Vice President in charge of Scientific Affairs, expressed satisfaction with the Foundation's success in identifying promising and creative young scientists.

Candidates for Sloan Fellowships are nominated by their department chairmen. Nominations are reviewed by a Program Committee of outside scientific advisers.

James R. Killian, Jr., Chairman of the MIT Corporation, is a member of the Foundation Committee on Scientific Affairs.

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## CAMPUS INTERVIEWS

MONDAY, MARCH 9, 1964

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## Architecture Department to describe curriculum at open house for freshmen and sophomores

The Department of Architecture will hold its Open House for freshmen and interested sophomores on Wednesday, March 11, in the Emerson Room, 7-403, at 4:00 p.m. The meeting will afford those attending a first-hand look at undergraduate opportunities in Course IV and a chance to discuss the curriculum with leading professors and upperclassmen in the department.

Architecture at MIT seeks to combine artistic imagination with sound structural technology. The five-year undergraduate professional course leads to the degree of Bachelor in Architecture.

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ence, mathematics, and the humanities with a program of departmental and basic engineering studies designed to provide a generalized but thorough introduction to architecture. Supplemented by practical experience, this five-year program provides preparation for independent practice.

Required departmental courses include 2.701 and 2.702 Architectural Geometry; 4.021 and 4.022 Form and Design; 4.04 Light and Color; a sequence of courses in Architectural Design; a sequence of courses in Structures; and a sequence of courses in the history of architecture. An eighteen hour thesis is also required at the end of the final year.

## movie schedule

Wednesday, March 4 through Tuesday, March 10 (unless otherwise stated, the Sunday schedule is the same as the weekday schedule except that no movies are shown before 1:00 p.m.)

**ASTOR** — 'Seven Days in May,' 10:15, 12:30, 2:50, 5:10, 7:30, 9:50, Sun. 1:00, 3:05, 5:10, 7:30, 9:20.

**BEACON HILL** — 'Tom Jones,' 10:15, 12:30, 2:45, 5:00, 7:15, 9:30; Sun., 1:00, 3:10, 5:20, 7:30, 9:40.

**BOSTON CINERAMA** — 'It's a Mad, Mad, Mad, Mad World,' evenings at 8:00 Sun. evenings 7:30, matinees Wed., Sat. & Sun. at 2:00.

**BRATTLE** — Through Saturday: Sartre's 'No Exit,' Sun.-Mon.-Tues.; DeSica's 'Bicycle Thief,' Shows daily 5:30, 7:30, 9:30, matinees Sat. and Sun. 3:30.

**CAPRI** — 'The Doll,' Mon.-Sat. 10, 12, 2, 4, 6, 8, 10, Sun. 1:30, 3:30, 5:30, 7:30, 9:30.

**EXETER** — 'The Easy Life,' 2:00, 3:50, 5:40, 7:30, 8:20.

**GARY** — 'The Victors,' Sun. evenings at 7:30; other evenings at 8:00, matinees Wed., Sat. & Sun. at 2:00.

**HARVARD SQUARE** — 'Charade,' features at 1:15, 3:15, 5:25, 7:30, 9:40.

**KEITH MEMORIAL** — 'Man's Favorite Sport,' 11:00, 2:35, 6:05, 9:35.

**LOEW'S ORPHEUM** — 'Mail Order Bride,' 10:40, 12:30, 2:25, 4:15, 6:10, 8:05, 10:00; Sat. 10:10, 12:00, 2:05, 4:05, 5:40, 7:45, 9:50; Sun. 1:35, 3:35, 5:30, 7:25, 9:20.

**MAYFLOWER** — 'Children of the Damned,' 11:30, 2:55, 6:10, 9:25; Sun., 2:45, 6:00, 9:15; 'Gladiators Seven,' 10:00, 1:20, 4:35, 7:55, Sun. 1:10, 4:30, 7:45.

**MUSIC HALL** — 'Merlin Jones,' 9:30, 11:30, 1:30, 3:30, 5:30, 7:30, 9:30; Sun. 1:00, 3:00, 5:00, 7:00, 9:00.

**PARAMOUNT** — 'Love with the Proper Stranger,' 10:00, 12:25, 2:45, 5:00, 7:15, 9:30; Sun. 1:00, 3:05, 5:15, 7:25, 9:30.

**SAXON** — 'The Cardinal,' evenings 8:30, matinees Mon.-Fri., 2:00, Sat.-Sun., 2:00, 5:00.

**UPTOWN** — 'The Prize,' except Sunday, at 12:50, 5:15, 9:40; Sun. at 1:00, 5:15, 9:40; 'In the French Style,' weekdays 10:45, 3:05, 7:30; Sun. at 3:10, 7:30; Also Liston-Clay light pictures.

## Theatre Schedule

**CHARLES PLAYHOUSE** — 'Man and Superman,' Tues.-Fri. 8:30, Sat. 5:30 and 9, Sun. 3:30 and 7:30, tickets \$2.40 to \$3.95.

**COLONIAL** — 'Camelot,' eves. except Sun. at 8:30, mats. Wed. and Fri. at 2:15, Sat. at 2:30.

**HOTEL BOSTONIAN PLAYHOUSE** — 'The Quare Fellow,' by Brendan Behan, Wed. 7:30, Sat. 7:00 and 9:30, other eves., except Mon. 8:30, mat., Thurs. 3:00.

**IMAGE** — 'Yerma,' by Federico Lorca, eves. except Sat. 8:30, Sat. at 7:00 and 9:30.

**SHUBERT** — 'A Funny Thing Happened on the Way to the Forum,' eves., except Sun. 8:30, mats. Thurs. 2:15 and Sat. 2:30.

**WILBUR** — 'Beyond the Fringe 1964,' British comedy review, eves. except Sun. at 8:30, mats. Thurs. and Sat. at 2:30.

## Student Personnel has many jobs available for interested students

The Student Personnel Office now has a number of jobs available for interested students, according to William H. Carlisle, Jr., Manager of Student Personnel.

This is a somewhat unusual situation for the Office, he said, since normally more students want jobs than are available.

The Office, which has been in existence since 1951, has the job of coordinating all requests for jobs from departments and of organizing all job applications. It also advises groups on rates of pay and advises students seeking jobs. It also keeps records on performance of students in jobs around the Institute.

There are two types of jobs available through the office. Most of the jobs are part-time around the Institute or in various places in the area. Starting at this time of year, however, summer jobs are also listed.

The descriptions of some of the jobs are interesting in their vagueness. One mentions an 'experiment in psycho-physics in binocular localization of sounds.' Another is listed as only for someone who is taking a term off from school. It involves tutoring of two high-school students, but the students are located in Trinidad.

Other jobs are more mundane, such as 'public relations work for the admissions officer' and work on the CEA, but a number of jobs for people with certain qualifications are still open.

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## THE BELL TELEPHONE COMPANIES SALUTE: DICK KNORR

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Dick (B.S.C.E., 1957) joined the company in 1962 and, in less than a year, rose to Outside Wire Chief.

How Dick handled his earlier assignments certainly speeded his promotion. For instance, the professional job

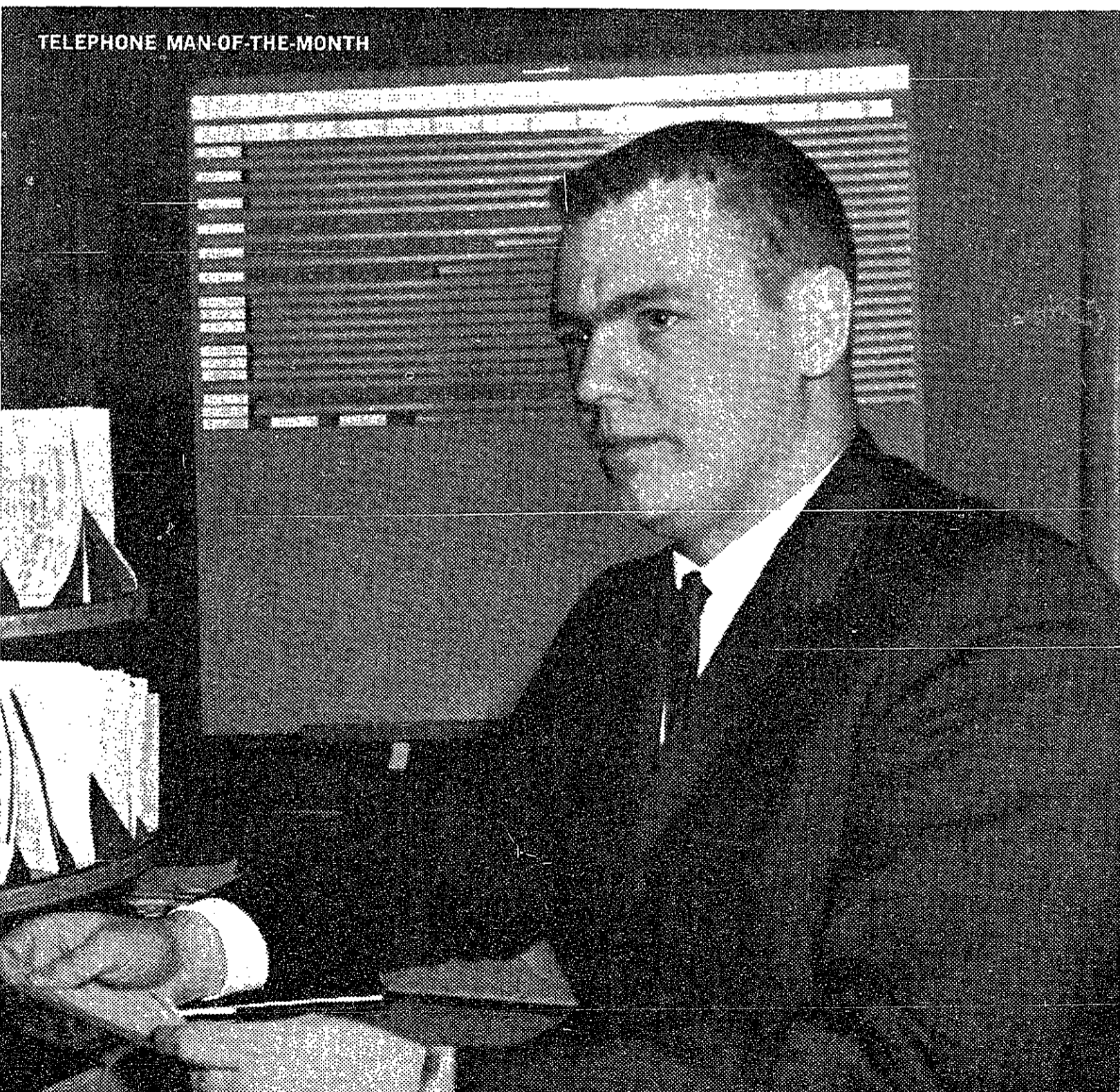
he did as Wire Chief in North Adams, the precise workload forecasts he made in Pittsfield, the thorough way he scheduled work while Control Board Foreman in Pittsfield.

When his latest opportunity came, Dick's experience and demonstrated ability cinched it!

Dick Knorr, like many young engineers, is impatient to make things happen for his company and himself. There are few places where such restlessness is more welcomed or rewarded than in the fast-growing telephone business.



## BELL TELEPHONE COMPANIES



By Toby Zidle

## College World

### Tired of taking quantitative courses? Try Household Equipment at OSU

Are you growing tired of the quantitiveness of MIT courses? Would you like to try something a little more qualitative? Then perhaps you'd like to try a course given at Ohio State—Introduction to Household Equipment.

The objective of the course is to learn to judge household appliances on the market in order to make effective buying choices. And the objects of study range from dishpans and spatulas to vacuum cleaners and home freezers.

To learn which models are best, students study the materials used in the product and how these materials are assembled. They then rebuild a gas and an electric range to see how the appliances are constructed.

Also, they study body mechanics in relation to the appliances in an attempt to determine if wasted or uncomfortable motion is involved in the use of the equipment. Other areas cover heat principles and the study of gas, electricity, and water.

And, as with many scientific courses, Introduction to Household Equipment comes complete with a laboratory — one in which several types of the various appliances are maintained.

#### Five Face Court Action

The simulated kidnapping of a student from a California high school has mushroomed into an incident demanding civil and academic action against five Caltech freshmen.

The five had entered the classrooms of the high school and, after a brief, realistic struggle, succeeded in dragging off one of the students. The freshmen, being pursued by a growing number of high school students, escaped with their victim into two cars waiting outside the school.

The kidnapping, of course, was not real. The final details, in fact, had been worked out just two hours earlier. The "victim"

was an ex-Caltech sophomore who had flunked out and who had registered at the high school only two days previously. The prank was soon disclosed and the story soon appeared in the local Pasadena newspaper and on the Los Angeles radio stations.

The principal of the school was infuriated and, while refusing to talk to these "punks, hoodlums, ruffians," involved, made clear his intention of prosecuting them in the civil courts to the fullest possible extent.

The freshmen were scheduled to appear in court to face possible charges of trespassing (carrying a maximum sentence of \$500 and six months in jail) or of violating Section 16701 of the State School Code (punishable by a \$10 to \$100 fine).

At the Caltech end, one of the students was suspended for the remainder of the year and the other four placed on strict probation. In addition, their dormi-

tory was ordered to elect a clean slate of officers and also was fined \$150.

#### The Humane Thing

From the pages of *The Minnesota Daily* comes the following news story:

"A snake, rabbit and rat which had been peacefully coexisted in an underground storage tank in Wagga, Wagga, Australia, were put to death last month at the insistence of the Royal Society for Prevention of Cruelty to Animals.

"The Society claimed that the rabbit and the rat had been living in mortal fear of the snake and that the humane thing to do would be to kill them."

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## Peace Corps exam this March

An area Peace Corps Placement Test will be given on March 14, 1964, at 8:30 a.m. in Brighton High School, 25 Warren Street, Brighton, Mass.

Volunteers must be American citizens at least 18 years old. Married couples are eligible if both qualify and have no dependents under 18.

The placement test is not competitive and anyone with the equivalent of a high school education is eligible. To qualify for the test, fill out a Peace Corps Questionnaire, which is available at Post Offices, from the Peace Corps, Washington, D.C. 20525, and send it to the Peace Corps or bring it to the test center.

## New Concert Band officers; Diephuis President

Richard Diephuis '65 has been elected President of the Concert Band. He succeeds Glenn Orenstein '64.

Elected Concert Manager was William Schreiber '65. The Assistant Concert Manager is Ron-

ald Zelazo '66, the new Personnel Manager is Eric Fiedler '65.

Paul Martin '67 is the new Properties Manager, and Michael Press '67 the new Librarian.

The new officers will take office following the next band concert.



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- develop photographic or electronic reconnaissance techniques that can penetrate the excited sheath surrounding high speed vehicles; or to
- develop active and passive devices based on quantum magnetics research; or to
- investigate the theory of optical properties of metal ions in ligand fields.

We invite you to talk with our representatives; at the Placement Office on Friday, March 6, 1964; or if you prefer to call for an appointment to visit MITHRAS (Telephone TR 6-3400)

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## Discussion of management opportunities curriculum will highlight Industrial Management Open House

The Department of Industrial Management will hold its Open House for freshmen and interested sophomores on Wednesday, March 11, in the Schell Room, 52-461, at 4:30 p.m. Several professors in the course will discuss opportunities in management at M.I.T. and provide information about recent additions to the curriculum.

The undergraduate Course in Industrial Management is designed especially for students who combine an aptitude for science and

engineering with the qualities necessary for effective administration. The program rests upon the underlying disciplines of the social sciences, especially economics. Students who plan to study management should anticipate their future work by taking a basic subject in economics during their sophomore year.

Much of the work in management is quantitative, and several of the prescribed subjects offer an immediate introduction to the use

of the many rapidly developing mathematical and statistical techniques for solving industrial problems. The science of engineering programs in the course emphasize matter of a fundamental nature rather than the details of its application.

The department's required subjects include 15.01 and 15.02, Industrial Management; 15.30, Personnel Administration; 15.41, Financial Administration; 15.41 Managerial Information and Control; 15.71, Production Management; 15.81, Marketing; and a twelve-hour thesis leading to the degree of Bachelor of Science in Industrial Management.

## Icemen lose to UMass, Amherst; finish rebuilding season at 0-16

By RICHARD THURBER  
Last week the MIT varsity hockey team completed its season with games against the University of Massachusetts at Amherst Monday and against Amherst College here Wednesday afternoon. The team lost both games, 7-0 and 7-1.

**U Mass romps**  
At the University of Massachusetts, goalie Joe Kirk '64 played his third scoreless period of the season, stopping all twenty-one shots fired at him in the third period. Massachusetts' size and speed prevailed in the last two periods however, as they went on to shoot in seven goals.

**Kirk Stops 52**  
In a penalty-ridden game here Wednesday, Amherst barely lost control of the puck. Although Kirk stopped fifty-two shots, Amherst scored seven times. MIT's lone score was notched in the last period by Stu Colten '64. MIT piled up thirty minutes of penalties in the game.

**Next Year Looks Brighter**  
The team posted a 0-16 season,

but the young team, composed mostly of sophomores, gained valuable experience which coach Ben Martin hopes to exploit next year. The loss of seniors Joe Kirk, Stu Colten, and Dick Cease will surely be felt; however, Steve Queeney, Pete Getting, and other talented freshmen are expected to strengthen the team considerably.

### On Deck

- Friday, March 6**  
Squash (V) N.I.S.R.A.—at Dartmouth running through  
Saturday, March 7  
Wrestling (V&F)—New England at Amherst running through  
Saturday, March 7  
**Saturday, March 7**  
Pistol (V)—Brown, Massachusetts—Home  
Rifle (V)—Norwich, Away  
Swimming (V)—Coast Guard, Away, 2:00 pm  
Track (V)—I.C.A.A.A., New York

## Theta Delta Chi reaches IM hockey finals

By Richard Thurber  
Theta Delta Chi's 10-0 victory over Graduate House highlighted the past week's playoff tournament action. Wayne Pecknold led the attack with six unassisted goals to help his team win a place in the tournament finals.

Other action saw Theta Chi and Graduate House each move into Sunday's semi-final game. Although Theta Chi lost to Theta Delta Chi 4-2, they came back with a 2-0 win over Fiji A and a 3-2 edge over Senior House. Pete Staecker '64 scored two goals against Senior House.

Graduate House secured their place in the semi-finals by stopping Lambda Chi Alpha 3-0. The winner of the Theta Chi-Graduate House game will play Theta Delta Chi for the tournament championship early this week.

**IM Hockey Playoff Results**  
Theta Delta Chi 4, Theta Chi 2  
Graduate House 3, Lambda Chi

- Alpha 0  
NRSA 2, Sigma Chi 1  
Zeta Beta Tau 4, Beacon St. Ath Club 3  
Phi Gamma Delta A 2, NRSA 0  
Senior House 1, Zeta Beta Tau 0  
Senior House 3, Lambda Chi Alpha 1  
Theta Chi 2, Fiji A 0  
Theta Delta Chi 10, Graduate House 0  
Theta Chi 3, Senior House 2

## Pistol squad beats Harvard Root, Boling help lead team to first place in division

At the Harvard range last Saturday, the MIT varsity pistol team soundly defeated the Crimson by a score of 1255-1228. The pistolmen now have a 13-9 season record, due in a large part to the consistency of shooters Joe Boling '65 and Dave Root '65. The Techmen have only a single loss in the Greater Boston Pistol League, and lead with only one match remaining.

## Unpublished Life photos on exhibit

Photographs of November's Field Day, taken by Ted Polumbaum for Life Magazine, will be on exhibit in the case outside the Hayden Art Gallery, March 9-16. The photographs, taken last fall, were not published in Life.

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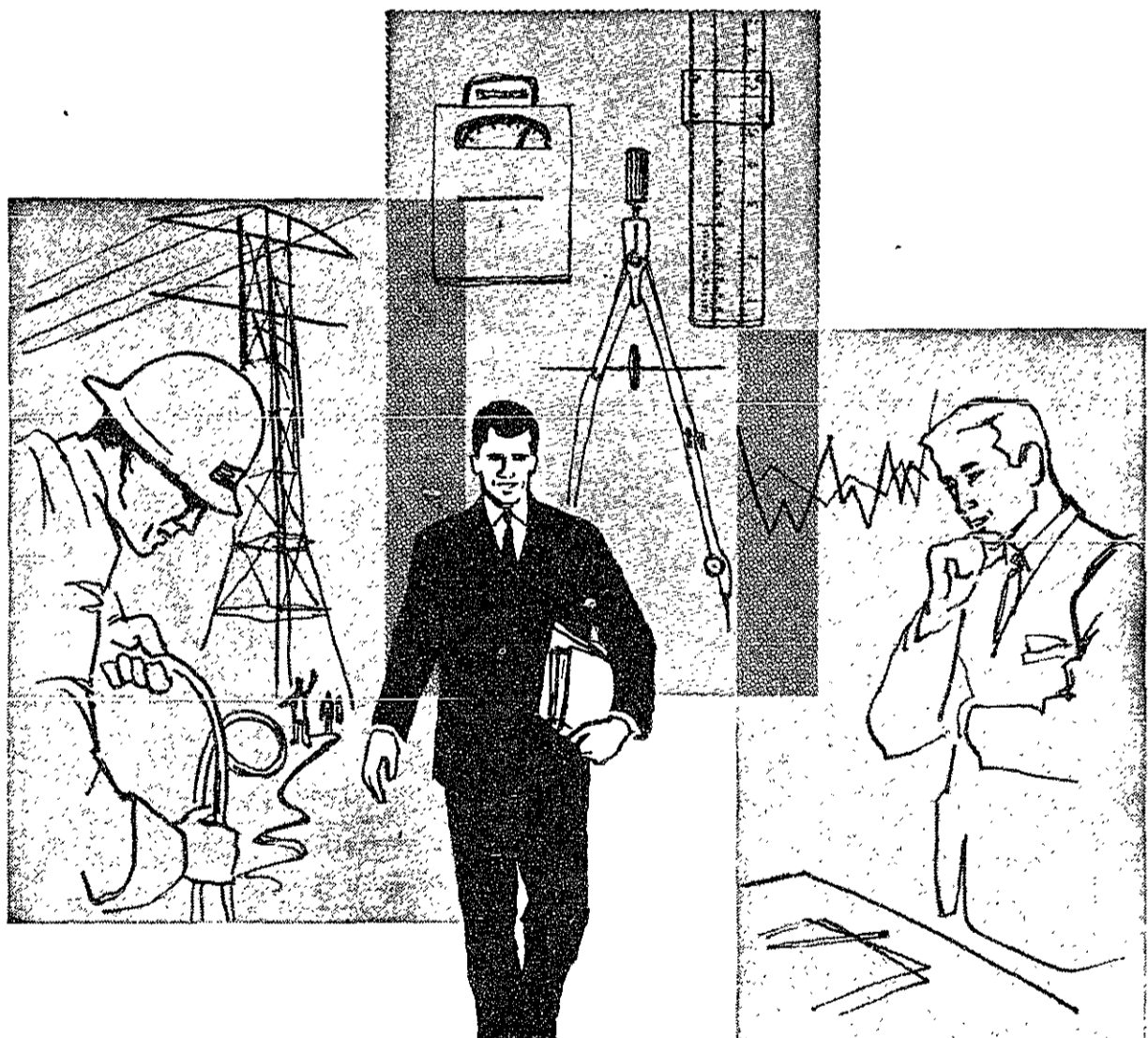
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# Fencers defeat Holy Cross 21-6 lose to CCNY for 8-8 season tally

By Herb Trachtenberg  
The MIT varsity fencers split two meets this last week, beating Holy Cross 21-6 on Wednesday and losing to CCNY Saturday afternoon by a score of 15-12.

**Holy Cross lacks coach**  
During the Holy Cross meet every man who dressed saw action, many of them not fencing their usual weapon. Credit must be given to the Holy Cross team, however, because it is made up of nine men who work out on their own since they have no coach. The squad scores were 8-1 in foil, 7-2 in sabre, and 6-3 in epee.

**Debonte has 27-10 record**  
Against CCNY epee man Tom Seddon '66 was ahead 4-3 in his second round bout when he was injured and forced to forfeit his bout. His first round win, together with two wins each by Bill Debonte '65 and Karl Kunz '66 gave the epee squad a 5-3 record for the afternoon. Debonte now holds the best season record on the team, having won 27 bouts and losing 10. Kunz, who has gone 17

## Squash team edged by Wesleyan 5-4, to enter tournament

Hard-fought victories by Ted Cruise '64, Don Ward '65, Larry King '66, and Fergus Gomersal '66 were not quite enough to enable the Tech racketmen to top Wesleyan Saturday, as the men from Wesleyan scored a 5-4 victory.

Cruise, Jon Gruber '64, Ken Corney '65 and Thomas Guillermo '66 will represent MIT at the National Intercollegiate Squash Tournament at Dartmouth next weekend.

and 3 since the middle of the season looks very good for next year. Ralph Zimmerman '64 took two bouts which together with Captain Art Best's one victory brought the sabre team's total to 3-6. Best's season tally is now 26-6. Two foil victories by Herb Norton '65 together with one victory each by Craig Wheeler '65 and Mike Stulberg '66 gave the foil team a 4-6 score.

The defeat by CCNY brought the Engineers record to 8-8. During the next several weeks the team will travel to Trinity for the New England Championships, to Navy for the Easterns, and to Harvard for the Nationals.

## Tech riflemen win two; top Harvard 1334-1265, St. Michaels 1412-1356

By Karl Frederick  
The Tech riflemen outshot St. Michael's, 1412-1356 (regular targets), and Harvard, 1334-1265 (international targets), in matches held Friday night and Saturday morning at Tech's range.

Friday's match saw Joe Boling '64, 285; George Olah '64, 284; Dave Hamada '65, 284; Jim Downward '65, 282; and Zach Abrams '65, 277, turning in the top scores.

Saturday's score of 1334 took the Greater Boston League record away from previously top ranked Northeastern University. Outstanding marksmanship displayed by Olah, 273; Downward, 271; and Hamada, 270; was supported by Jim Bridgeman '65, 260; and Boling, 260.

# Skiers place 10th in Easterns

Racing against an extremely strong field of expert skiers, including at least six of the 1964 Olympic candidates, MIT's ski squad finished with a surprisingly good tenth place in the Eastern Championships held during the Williams Carnival at Williams College February 28 and 29. Tech's ski team made only the third entry of an MIT squad in the history of the Easterns; and, considering the competition they met at Williams and the bad luck they had in both the cross country and slalom events, their tenth place showing is the best MIT has done in skiing in many years.

**Wessel 14th in Downhill**  
On a very fast and twisting downhill course, Tech's skiers all held their 65 m.p.h. line, thus placing eighth in the race but less than a point off from fifth. Team Captain. Henrik Wessel '64 came in fourteenth in a race packed with such international stars as John Clough of Middlebury, who narrowly missed a place on the Olympic team, and Charles Vaughan, who recently set a new speed record on skis in excess of 106 mph. Ed Roberts '65 and Giovanni Emo '65 were a couple of seconds slower than Wessel.

**Two black-out in cross country**  
Only three of MIT's six racers finished the arduous 15-km, cross-country course. Wessel made a heroic effort to keep up with National Champion Ed Williams of Dartmouth, but the pace was too

hot and two miles from the finish, Wessel blacked out. Karl Kehler (65) also blacked-out near the finish, and since Stan Brown (65) had missed the start, only George Carey ('64)s Emo and Roberts finished the gruelling race.

## Techmen have little luck in slalom or jumping

With little to lose, the skiers staked everything on the slalom, but Wessel had an unlucky fall in his first run, and Roberts, in the lead for MIT in the second run, had a spectacular crack-up from which he was fortunate to escape with only minor bruises.

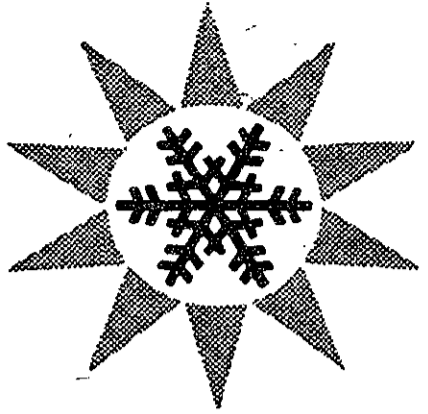
With the gallant efforts of Brown, Kehler, Emo and Bruce Powell ('66) in the jump, the skiers finished tenth in the East.

Dartmouth, who won the meet, Middlebury, Williams, Vermont and Harvard will all go to the National Collegiate Championships next week.

## Frosh lacrosse rally

All freshmen interested in playing or managing lacrosse this Spring should assemble at a Rally in the duPont lobby 5:15 pm Monday, March 9. Experience with the stick is not necessary for neophyte lacrosse hopefuls.

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## Williams unbeaten

# Grapplers romp in last two

By Dave Kress.

The wrestling squad finished the dual-meet season strongly with resounding victories on the home mats over Tufts and Worcester Polytechnic Institute last week to finish the season with a 6-7 record. The squad swamped Tufts 33-2 last Wednesday and then outwrestled WPI 31-3 on Saturday. Captain Mike Williams '64 met two very good 157-pounders and scored two wins to finish the season at 12-0-1, and to become the first unbeaten Tech wrestler in many years.

### Tufts Swamped

Against Tufts, the squad scored four pins over a clearly out-matched team. Heavyweight John Butler '65 had the quickest one, needing only 1:20 to pin his man. Other pins were scored by 130-pounder Hal Hultgren '66 in 7:31; 167-pound Bob Wells '65 in 3:31; and 177-pound Dick Nygren '66 in 5:00. Williams' opponent was undefeated going into the match and gave Mike a very tough match before going down 10-8 on a late two-point reversal by Williams. Also in the match, 147-pound "Whit-

ey" Whiteman '66 gained a 4-3 decision while 137-pound Don Fredrickson '65 scored a 3-3 draw and Tom McAuley '65 won by forfeit at 123 pounds.

### WPI Easily Beaten

The team also registered four pins against a stronger than usual WPI team. Whiteman was the quickest, using only 3:55 to put his man's two shoulders on the mat. Tech's other three pins were by Hultgren in 5:17, Fredrickson in 5:27, and Wells in 5:42. Williams' opponent from WPI was very tough and had lost only once before. He gave Mike a good match before losing 5-0. McAuley picked up the squad's other decision 10-2, while Butler won by forfeit.

The squad now goes to the New England Championships at Amherst next Friday and Saturday in hopes of retaining or bettering last year's second-place finish.

Mike Williams looks like a good bet for a New England championship, while Bob Wells, "Whitey" Whiteman, and Hal Hultgren should gain good places.

## How They Did

### Basketball

Tufts 66—MIT (V) 65  
MIT (F) 95—Tufts 77  
Coast Guard 85—MIT (V) 80  
MIT (F) 63—Coast Guard 39

### Fencing

MIT (V) 21—Holy Cross 6  
CCNY 15—MIT (V) 12  
Harvard 21—MIT (F) 6

### Hockey

U Mass 7—MIT (V) 0  
Amherst 7—MIT (V) 1  
Amherst 12—MIT (F) 0  
Rivers Country Day School 4—MIT (F) 0

### Pistol

MIT (V) 1255—Harvard 1228

### Rifle

MIT (V) 1412—St. Michael's 1356  
MIT (V) 1334—Harvard 1265

### Skiing

MIT (V) placed 10th in Eastern Championships

### Squash

Wesleyan 5—MIT (V) 4  
Wesleyan 9—MIT (F) 0

### Swimming

Brown 55—MIT (V) 40  
Springfield 64—MIT (V) 31  
Brown 56—MIT (F) 38  
Springfield 69—MIT (F) 26

### Track

MIT (V) 84—Bowdoin 29  
MIT (F) 60—Bowdoin 51

### Wrestling

MIT (V) 33—Tufts 2  
MIT (F) 25—Tufts 8  
MIT (V) 31—WPI 3  
MIT (JV) 26—Brandeis 6

## Trackmen take closing meet of their 6-2 season by trouncing Bowdoin with lopsided 84-29 margin

The Tech varsity trackmen ran away with their last regular season meet by trouncing Bowdoin by a 84-29 score. This gives the squad a 6-2 season record which is one of the best for many years. Jim Flink '64 led the squad with three victories while setting one Cage record and tying another. He set a new MIT record of 05.4 sec. in the 45-yard low hurdles and tied the Cage record of 05.4 sec. in the 50-yard dash. He also won the 45-yard high hurdles with a 06.0 sec. clocking. Ken Morash '65 also set a new MIT record by pole-vaulting to a height of 13' 1/2".

Sumner Brown '66 took two firsts in distance running by leading an MIT sweep in the mile with a 4:44.5 time and taking the 1000-yard run in 2:25.0. Joel Rogers '65 and Bill Purves '65 also led sweeps in the 600-yard run and the 2-mile.

The squad will be sending seven runners to the IC4A Eastern

Championships in New York this Saturday, March 7.

### RESULTS

**Mile**  
1. Brown (MIT) 4:44.5, 2. McMillan (MIT), 3. Wesson (MIT).  
**Broad jump**  
1. McDowell (B) 22' 0", 2. Ross (MIT), 3. Carrier (MIT).  
**35 pound weight**  
1. Schulten (B) 57' 6 1/2", 2. Dassel (MIT), 3. Kotanchik (MIT).  
**Shot put**  
1. Sloat (MIT) 45' 3", 2. Coggins (B), 3. Remsen (MIT).  
**50-yard dash**  
1. Flink (MIT) 5.4, 2. Sivera (MIT), 3. Akodoro (B).  
**600-yard run**  
1. Rogers (MIT) 1:26.5, 2. Schwoeri (MIT), 3. MacMillan (MIT).  
**45-yard high hurdles**  
1. Flink (MIT) 6.0, 2. Good (B), 3. Dorschner (MIT).  
**Two mile**  
1. Purves (MIT) 10:29.5, 2. Wesson (MIT), 3. McMillan (MIT).  
**1000-yard run**  
1. Brown (MIT) 2:25.0, 2. Beren (B), 3. Oliver (MIT).  
**45-yard low hurdles**  
1. Flink (MIT) 5.4, 2. Dorschner (MIT), 3. Good (B).  
**Pole vault**  
1. Morash (MIT) 13' 1/2", 2. Ekdahl (B), 3. Lukis (MIT).  
**Relay**  
1. MIT—Rogers, McMillan, Dorschner, and Schwoeri 3:38.1, 2. Bowdoin.  
**High jump**  
1. Seager (B) 5' 10", 2. Carrier (MIT), 3. Jones (MIT).

## Mermen topped by Brown 55-40 despite MIT record by St. Peters

By Neal Gilman

The MIT varsity swimming team suffered two defeats this week at the Alumni pool, first to Brown on Wednesday and then to Springfield on Saturday by scores of 55-40 and 64-31, respectively.

In those two meets, two MIT records were broken and one was tied.

### St. Peters sets mark

In the Brown meet, Dick St. Peters set a new Tech record in the 200 yard freestyle by covering the distance in 1:58.9. He later gained a second in the 500-yard free, losing to Prior of Brown in a fast time 5:36.6. Warner of Brown also tied a pool record in the 100 yard free with a time of 49.9.

### Brody, Peacock win

Bill Brody '65 and Cash Peacock '65 gained the only other firsts in the 200-yard butterfly and 200-yard breaststroke with the respective times of 2:30.2 and 2:33.1. Eric Jensen '64, Frank Mechura '65 and Steve Snover '65 gained seconds for the mermen in the 200-yard Individual Medley, 200-yard backstroke and diving, respectively.

### Skoog breaks Brody's record

Saturday in the Springfield meet, Skoog of Springfield set a new pool record in the 200 yard fly, with a quick time of 2:12.4 to break the record recently set by Brody. The MIT mermen again only managed to win three events against the overpowering Springfield team. St. Peters captured the 200-yard free, Mechura, the 200-yard back, and Peacock, the 200-yard breaststroke in times of 1:59.6, 2:21.3 and 2:31.8, respectively. Dick Breinlinger '66, Brody, and Jensen gained seconds in the 100 free, 200 Individual Medley, and 200 back, respectively.

With these two defeats, the season's record was brought to 7 wins and 5 losses. The swimmers' last meet is with the Coast Guard on Saturday, March 7.

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# Cagers close out 2nd best season at 16-8

By Dick Perron

The Varsity Cagers closed out the 1963-64 basketball season with losses to Tufts and Coast Guard to bring their season record to 16-8. This past season proved to be Coach Jack Barry's second best at MIT, second only to his 17-4 record in 1961-62. The entire year was filled with the tense excitement of close ball games and new pages being written into the record book.

Started with a bang

The Beavers started the season off with a bang, winning five straight and losing only two before Christmas. The first win was a scoring record setter over Boston State, 106-86. This win was followed by two close ones over Trinity, 82-81, and Wesleyan, 61-55.

Senior co-captain Jack Moter then turned in the season's highest point production, 31 points against Brandeis in an 81-63 victory. The fifth straight win was over Norwich, 80-61. The first loss of the season came against Harvard, 81-62, followed by the second against Northeastern, 82-74.

Through the Northeastern game, Tech's leading scorers were senior co-captains Jack Moter and Bill Eagleson with 19.7 and 16.3 respectively. Moter also led the

squad with a healthy 0.624 field goal percentage. Eagleson topped the club's rebounding with 14.4 per game.

Split Canadian Tourneys

Over the Christmas holidays the Engineers were busy competing in two tournaments in Canada. The first was the Bluenose Classic in Halifax, Nova Scotia. There Tech came in second to the University of New Hampshire, losing to them in a heartbreaker 74-73 after beating Acadia 42-37. Moving over to the Montreal Invitational Tournament, the Beavers picked up first place for the second year in a row by beating Loyola of Montreal 80-48 and Union 67-61. Eagleson and Moter made the All-Tournament team and Bob Grady, '65, got honorable mention.

Following the successful Canadian trip, the Varsity Cagers traveled north to play Bowdoin and Bates. The Bowdoin game was a squeaker with Tech winning it in the last seconds 67-63. At Bates, The Engineers trailed throughout most of the game, tying the score with eight minutes left in the second half. But the loss of Moter, who was high for the team with 15, was too much to overcome and Tech lost 63-56.

Adelphi rough opponent



This year's MIT varsity basketball squad who finished with a 16-8 record. First row: Richard Shoemaker '65, Robert Grady '65, John Moter '64, Bill Eagleson '64, Don Alusic '64, Frank Yin '65, James Larsen '65. Second row: Coach Jack Barry, James Simpson '64, John Mazola '66, William Briggs '66, Gerald Madea '66, Steve Kurtain '66, Peter Kirkwood '66, Wayne Baxter '66, John Flick '66, and manager Ron Mandle '65. Absent when the picture was taken: George McQuilken '65 and Perry Seal '65.

Back at home the Engineers won three of their next four. They beat Lowell Tech 81-62 and Kings Point 70-59. A strong Adelphi club came up from New York City to beat the Beavers 81-75. Eagleson led the team with 26 points with the rest of the starters in double figures. To end the first term, Tech beat W.P.I. 82-65, with sophomore Jack Mazola turning in one of his best games, leading the scorers with 21.

Eagleson breaks record

During the break between terms the hoopsters traveled to the New York City area to play Stevens Tech, Newark College of Engineering, and Brooklyn Polytech. In the Stevens Tech game Eagleson needed 22 points to tie Dave Koch's career scoring record. The "Eagle" picked up 23 and led his teammates to a 76-65 win over Stevens. At N.C.E. the Beavers suffered a reversal when both Grady and Mazola fouled out and they lost 73-68. The Brooklyn Poly game was a run away, 89-51, with everyone seeing action.

Back home to start the second term off right, the Cagers beat Bowdoin a second time, 70-62, after a losing first half score, 31-24. Moter and Eagleson were high with 22 and 21 each. Traveling

up to New Hampshire, the Beavers handed UNH a loss, 81-71. Moter was high with 27 points while in the first meeting it was Eagleson who was high with 27.

Close with 2 tough losses

The last two games of the season were with Tufts and Coast Guard. The first was a home game in which the Techmen were beaten 66-65. The game was a heartbreaker with the lead changing hands ten times during the game. The final outcome hung on a foul shot by Dave Spath of Tufts in the last five seconds. The last game was played at Coast Guard. Tech led in the first half until just before the buzzer when Coast Guard went ahead 41-39 for the half. When the second half started the Cagers put up a valiant fight but could not break through Coast Guard's zone press and lost, 85-80. Mazola was high scorer for Tech in both contests with 18 and 23 points.

With the end of the season, the Cagers had a 16-8 record and four new records in the book. Bill Eagleson not only broke Dave Koch's old career scoring record but Billy also broke one thousand points for a career scoring total of 1058. The team had a new high score, 106 against Bos-

ton State, and a new two team score, 192 also Boston State, and a new point total for the season, 1768.

Moter top season scorer

Added to these records were the performances of some of the players. Jack Moter came from second place in scoring last year to lead the team this year with 17.7 points per game. Quite an accomplishment to move from scoring 25 points in his sophomore year to 42.4 in his senior year! Bill Eagleson is not to be slighted, scoring 407 and averaging 17.0 per game as well as leading the team in rebounds with 15.3.

Those who return next year are going to have to work hard to fill the places left open by Bill Eagleson and Jack Moter. Juniors Bob Grady and Frank Yin and sophomores Jack Mazola and John Flick should be getting help from this year's surprising freshman team. A great amount is expected of them after their 14-2 season.

Scoring Leaders

Jack Moter	424	17.7
Bill Eagleson	407	17.0
Bob Grady	356	14.8
Jack Mazola	289	11.7
Frank Yin	133	5.6
George McQuilken	62	3.9
John Flick	59	3.0
Team total	1768	73.7
Opp. total	1595	66.5

## Hoopmen finish 14-1 year

By Charlie Willman

The freshman basketball team won its final two games last week to conclude the best season it has ever had. The hoopmen finished with a record of 14-1, their lone setback coming against Northeastern.

Tufts and Coast Guard were the team's victims at the end of the year, as Tufts fell by a 95-77 score last Wednesday, and Coast Guard was beaten on its own court, 63-39, last Friday. These games were typical examples of the squad's performances; there were only four games that the Engineers failed to win by 10 points or more.

In 15 contests, the team averaged 80 points a game as opposed to 65 for their adversaries, and the Techmen ran up margins as great as 30 pts. The team leaders were Alex Wilson, Roy Talus, Don Santini, and Bob Hardt. Wilson averaged over 22 points a game to lead the team in scoring, as well as pulling down about 17 rebounds a game to lead in that department.

Talus with 16 points a game, and Santini with 14 also made very valuable contributions to the squad, as well as Hardt who scored 12 points a game while grabbing down over 10 rebounds. The hoopmen's only loss, against Northeastern 88-76, came as a result of poor ball handling, but highlights of the season included victories over Harvard, 68-65, Trinity, 81-79 in overtime, Wesleyan, 98-88, and UNH, 73-58. We salute the class of '67 frosh basketball team upon the conclusion of a great season!



Photo by Stephen Teicher

Alex Wilson squeezes a rebound as Tech's frosh cagers are on the way to 95-77 win over Tufts at duPont last Wednesday.

cindermen thus completed their season with a 3-4 record, with victories over Tufts and Columbia.

Swimming

Brown and Springfield's strong swimming teams took the mermen twice last week by scores of 56-38 and 69-26 respectively. At home against Brown last Wednesday, Mike Crane won the 50-yd. freestyle and Ben Park took the backstroke, but at Tech on Saturday the Engineers were completely overpowered by Springfield. The squad now has a 5-4 record, with a re-scheduled meet with Wesleyan remaining.

Squash, fencing, and hockey also saw their seasons ended last week. The swordmen lost a 21-6 decision to Harvard and finished at 1-1; the icemen were white-washed twice: 4-0 by Rivers Country Day School and 12-0 by Amherst, and finished at 0-9. The squashmen also lost twice to end their year at 2-9. The losses came against Exeter, 5-0, and Wesleyan, 9-0.

## Constitution amended

### Brody AA head; Mandle, Souk win offices

By Dave Kress

At the annual Athletic Association elections held Tuesday, February 25, Bill Brody '65 was elected A.A. President, and Rich Lucy '66 was elected A.A. Secretary. The varsity members of the A.A. elected Ron Mandle as Varsity Vice-president, while the Intramural Council elected Fred Souk '65 as IM Vice-president and Fritz Schaefer '66 as IM recorder. There were also many changes made in the A.A. constitution at the meeting.

Brady aims at publicity, policy planning

Brody has been quite active in MIT athletics and the A.A., being varsity swimming co-captain, working as IM swimming manager, and serving as A.A. Secretary. He is also a member of Beaver Key and Eta Kappa Nu honoraries. Some of Brody's plans for this term include a long-needed study and re-definition of the role of students in the A.A. and a stepped-up publicity campaign both in and outside of MIT. He expects the A.A. to become more of a policy planning board making real decisions rather than the rubber stamp for higher decisions that it now seems to be. Along publicity lines, he hopes to give especially the world outside MIT a much better picture of what MIT athletics are really like. He also has plans in mind for

adding water polo as an intramural sport.

Mandle will recruit managers

Mandle has also been quite active in MIT athletics, serving as varsity basketball manager and playing lacrosse. He is also a member of Beaver Key. His initial plans include a big push for more varsity and freshman sport managers to administrate the intercollegiate program.

Souk heads IM council

In the IM Council, Souk has been quite active in Tech intramural activities. He has served as IM bowling manager for two years and played varsity lacrosse. One of the main plans he intends to carry out is a re-definition of eligibility for varsity athletes in IM sports. The IM Council hopes to make varsity athletes eligible during their own sport season for non-contact IM sports which have no varsity counterpart here. In other words, a basketball player would be allowed to play volleyball or badminton though he still would not be allowed to play IM hockey or basketball.

Rich Lucy has been active in the A.A. as varsity hockey manager and IM softball manager. He is also a member of Q-Club. Schaefer has worked in the A.A. as IM manager of tennis and golf.

A.A. purpose re-stated

One of the major changes in the A.A. constitution was the re-

stating of the purpose of the A.A. as a policy-making board. There was also a shake-up in the offices of the A.A. also. The office of Club Vice-president was eliminated with the Secretary taking over his duties. Also eliminated was the office of Publicity Manager, with the T-Club President taking over the publicity work.

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