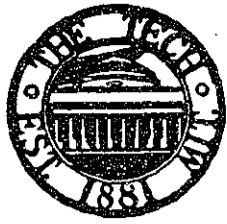


The Tech



NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXVIII NO. 6

CAMBRIDGE, MASSACHUSETTS, FRIDAY, FEBRUARY 28, 1958

5 CENTS

One Dormitory May Initiate New Housemaster Program Next Term

A housemaster system may be instituted in one of the three dorms next fall, according to Dean Fassett. The system would involve the transfer of some administrative authority from the Dean's Office to the faculty resident within the dormitory.

Dean Fassett said that, under the proposed housemaster system, control of room assignments would be within the dormitory. A budget for internal improvements would also be set up within the house. In addition, graduate students might be residents in the house as assistants to the housemaster.

A decision on the housemaster system will probably be made in mid-March, Dean Fassett said. Although he did not say which dormitory might be considered, he emphasized that the system will not be tried in more than one house next fall. He hinted that Baker or Burton stood a better chance than East Campus.

Dean Fassett said that a housemaster plan, whenever it is instituted, will be a step in "the growth from a dormitory structure to a house system." This development of the "house concept" must be gradual and will take many years, he said. He does not foresee it as the copying of another system such as Harvard's, Yale's, or CalTech's.

In particular, Dean Fassett stated that freshman dorms do not figure in any way in the Dean's Office's "house concept."

East Campus Fights Institute Committee's Representation Move

East Campus House Committee, in a Wednesday night, Feb. 26 meeting, decided to defy the recent Inscomm revision in its living group representation.

The Institute Committee's decree stated that the East Campus House Chairman would automatically become that living group's representative to Inscomm.

The East Campus statement reads as follows: "Resolved that: The residents of East Campus, as represented by the East Campus House Committee, shall send any person that they deem fit as their representative to the Institute Committee with the full rights and privileges of that office, and they shall not feel obligated in any way to make their House Chairman that representative."

Objections to the Inscomm move, as expressed by Terry Welch '60, who introduced the resolution, centered about three principal points. The first of these, he stated, devolves from the fact that the new system puts the power of student government in the hands of the few elite. Also, he maintains, the new system is not truly representative of the student body, as representatives are not elected for the office which they hold. At present the East Campus residents elect only the person who is to serve as chairman of the House Committee. By virtue of this office he is also Inscomm and Dormcon representative. The committee felt that the power, and also the load and responsibility of representation should fall on more than one person in their group. The third point which was stressed was the idea that living groups should have the freedom of self-determination.

Members of the committee stated that this resolution is but part of a general criticism of the Institute Committee's recent actions.

Dean Fassett recalled the Ryer Report recommendation, made two years ago, that East Campus be made a Graduate House, with undergraduates moving to the present Graduate House. He said that this move is still being contemplated but did not give any date for it.

The proposed Burton dining room, construction of which was originally scheduled to begin this year, is being held up, Dean Fassett revealed. He suggested five years from now as a possible completion date, noting that there has been considerable feeling for giving the Student Union building priority over the dining room despite the much smaller cost of the latter.

Positive Plans Made For Student Center; Construction In 1961

Long under study by various Institute committees, the proposed student union building has finally passed from the discussion to the formulative stages. In a report issued recently by the MIT Student Center Committee, specific goals and recommendations were listed.

The new facility, which will be located between the chapel and the DuPont Building, would be an integral part of the West Campus undergraduate concentration. Plans for the multi-million dollar structure are expected to be completed in about two years. The architect for the union is the same one who designed the auditorium and the chapel. The actual construction is planned to begin in 1961 as part of MIT's centennial celebration.

Concerning itself primarily with the categories established by the 1956 Ryer Committee Report, the group is seeking to provide quarters and facilities for student activities and student government, lounges for meetings and informal seminars, game rooms and other opportunities for relaxation, commercial services, and accommodations for commuters. The committee, while discussing specifics, has been actively engaged in determining a definite and distinct character for the building, however; they believe that it should represent specific functions significantly pertinent to the educational purposes of the Institute and

(Continued on page 3)

Stephenson Elected UAP, Believes New Inscomm To Accomplish More



Gerard J. Stephenson, Jr. '59, newly elected UAP.

"I think that the Institute Committee should be representative of the entire student body, and that the new Inscomm is representative," remarked Gerard Stephenson '59, newly elected Undergraduate Association President. Defining his own office, he feels that the function of the UAP is to speak on controversial matters whether the student body likes it or not.

Stephenson thinks that the new Inscomm will be able to accomplish more than past groups, and do it more efficiently. He realizes that the present setup requiring the president of a group as its representative will seat only busy men on Inscomm, but is certain that these proven leaders will accomplish more in less time.

Open Meetings

Although he realizes that Inscomm has, on some occasions in the past, taken action in fields which the stu-

dent body did not even know were under consideration, he "deplores" such a situation. The current Inscomm will be primarily open, and anyone will be recognized in all but closed meetings. Closed meetings will be rare, called only when required, as for example in a judicial decision. In addition, Stephenson hopes that students will feel free to discuss any matter with him at any time.

Because there are only thirteen men sitting on the current Institute Committee, he feels that the six man Executive Committee is superfluous. The duties of Excomm in his opinion could be ably discharged by Inscomm as a whole. The agenda of the meetings will be planned by the president with the assistance of the vice-president and the secretary-treasurer.

Concerning parietal rules, he expresses the personal view that Dormcomm and IPC, rather than Institute Committee, are in the best position to lay down the code. A uniform set of rules across the entire campus might not be the best due to the unique situation in each house. Inscomm, he feels, should set no more than a general code of conduct.

He maintains, however, that the Corporation has a right to take a hand through the Dean of Students in situations involving MIT as a whole. For example, because Voo Doo is the MIT humor magazine, Dean Rule was perfectly justified in stepping in during the recent controversy in which Voo Doo seemed to be presenting a bad impression.

Commenting further on the question, he states that most activities would argue exactly how subordinate they are to Inscomm. Furthermore, actions are not defined for any great length past Inscomm. Therefore, even though swift and potent action is in some cases required, Inscomm will in general work to improve situations.

Stephenson stated that there were many areas which he would try to investigate. Under this heading would fall such topics as the Student Center and the parking problem.

Architecture 'Blind Spot Of Culture' Says Wright; Urges Study Of Nature

The true university should have architecture, "The mother art," as the basis of its program, Frank Lloyd Wright told a capacity audience in Kresge Auditorium Wednesday evening.

Mr. Wright called architecture "the blind spot of our culture" and appealed for more young architects to combat the growing "arthritis" of our cities by constructing "the city that democracy has not yet built."

The announced subject of Mr. Wright's lecture was, "Contemporary Architecture" but, he said, "we do not have a modern architecture." Rather, we have "predigested congestion" brought over by the first settlers from "London dormitory towns." Our architecture shows complete lack of planning, he noted. Each civilization merely copies the architecture of its predecessors, he said. "If the Greeks had only had steel and glass, we wouldn't have to do any designing now."

Mr. Wright, with his familiar shock of white hair, easily betrayed his eighty-nine years as he spoke in a clear, perfectly audible voice to a largely student audience including many architecture majors from both MIT and Harvard. Behind him was

a backdrop from Tech Show '58 which opens tonight—an affair with much green foliage, red flowers, and blue water, designed to simulate a South Sea island. Mr. Wright did not comment on the backdrop, nor was he queried about it during the question-answer period which followed his talk.

Mr. Wright was asked what he thought about Kresge Auditorium. "I don't think about it," he answered. Then he recalled an anecdote of Oscar Wilde's about a sign over the piano of a western saloon: "The sign said, 'Don't shoot the pianist; he's doin' his damndest; angels couldn't do no better.'"

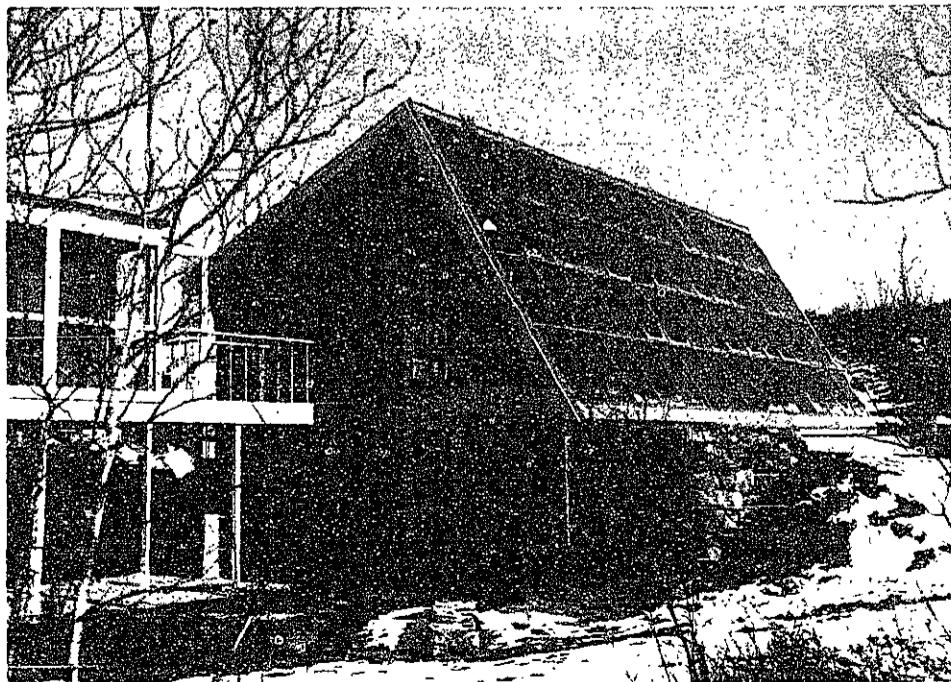
Mr. Wright referred several times to Emerson and Whitman. He stated that the function of the university should be to teach "Nature study". Nature, he said, does not refer to botany and wildlife, but should be spelled with a capital "N" and is an Emersonian concept.

Mr. Wright expressed nationalistic sentiments: "Our architecture isn't of our nature; it isn't American. Call it internationalist and let the internationalists have it."

He also made several blunt state-

(Continued on page 3)

Sun's Rays Heat Solar House Directly



MIT Solar House. Large glass area which looks like window is actually Solar Collector. At left is flying bridge to screened porch.

Solar House IV has just been completed by MIT architects and engineers in Lexington, Mass. The house, dubbed "Solar House IV" is, as the name implies, the fourth structure built by MIT designed to be heated entirely by the sun's rays. However, it is the first ever built anywhere, designed to fulfill all the requirements of the modern suburban home. In fact, it will be sold to a private family, although MIT engineers will retain separate access to a basement equipment and instrument room, in order to gather data on the performance of the heating system.

The most striking feature of the two-story, three bedroom house is its solar collector, which consists of 640 square feet of glass, over a similar area of thin aluminum sheet, painted a heat absorbing black. While the aluminum sheet absorbs the solar energy, the glass serves the same purpose it does in a green-house . . . it

(Continued on page 5)

Students To Choose New Class Officers Tuesday, March 4

MIT class officer elections will be conducted Tuesday, March 4, between 8:50 a.m. and 5:00 p.m. at voting booths set up in the lobbies of Building 2 and Building 10.

Confusion resulting from the filing of petitions by several freshmen for the office of vice-president has been settled by the election division of Secretariat. This position does not appear on the ballot used for election of frosh officers. The freshmen thus filing have been allowed to change their candidacy and run for president, instead, with the candidate receiving the second highest number of votes becoming vice-president.

Senior candidates for the office of permanent class president are Robert Jordan, Robert Parente, and Huber Warner, while Herb Johnson is the lone senior trying for the position of secretary-treasurer.

Running for the presidency of the Class of '59 are Glenn Zeiders, Buddy Long, Walter Humann, Tip Noe,

(Continued on page 3)

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review

Umberto D

Umberto D., currently at the Brattle, is a film with craftsmanship, acting and camera work of the highest calibre. Unfortunately, it is neither first-rate nor enjoyable cinema.

The Italian "slice of life" films shown in this country to date have been of substantial stature. Most have had a theatrical quality absent in almost all domestic productions which made them more than worthwhile. In *Umberto D.*, the craft is there but the theatrical quality is absent.

The film achieves several memorable scenes; Umberto's rescue of his beloved mongrel from the dog pound—a veritable Dachau to bring angry tears to any anti-vivisectionist; his impotent and absurd counseling of the pretty waif, pregnant by one of two soldiers, who serves as maid to his boardinghouse; and his attempt to find a home for his dog so that he may be free to die. The poignancy of these scenes, however, serves only to accent the general boredom of the film.

Accompanying *Umberto D.* is a long short on the great Irish poet, William Butler Yeats. Some of the excerpts are well read by Siobhan McKenna but most are chosen from the least inspired of his work. The photography is repetitious but those interested in W.B.Y. will be interested to see what Ben Bul Ben looks like.

—JAP

records

Art Of Andre Marchal

The *Art of Andre Marchal*, a new three volume series from Unicorn Records has recently been released. And, inasmuch as many of today's organists and music lovers are preoccupied with a revival of baroque music, this release is most timely.

Engineered by Peter Bartok, these unusual recordings present the famous blind, French organist in a program of early organ and choral music, played on the Holtkamp organs in the MIT Kresge Auditorium and Chapel, and in conjunction with the MIT Choral Society.

Volumes I and II are played on the Kresge Organ with the Choral Society heard on certain bands, while Volume III is devoted entirely to the Chapel Organ.

The Auditorium and Chapel Organs, dubbed respectively "Holtkamp's Brainchild" (Allan Sly, *The American Organist*, review-Claire Coci Recital, Feb. '58) and "that little Gem" (Boston's Baroque Devotees) sound much more impressive on these recordings than your reviewer feels they do "live".

On the modest Chapel Organ, comprising of GREAT: Flutes at 8' and 2', soft 8' string, 4' principal, and a Mixture; POSITIV: 8' and 4' flutes, 2' principal, and a cymbale; PEDAL: 16' Quintadena, 8' flute, and 4' choralbass—M. Marchal performs works of the early masters including Buxtehude, Sweelinck, and Purcell, and, through artistic registration, gives a creditable account of this instrument. The much larger Kresge Organ, with its nearly complete principal, flute, and reed choruses on three of the four divisions—as played by Andre Marchal—sounds truly wonderful: from the transparency of the delicate flutes and the piquant effects of proper harmonic combinations, to the rich, cohesive ensemble of the principal chorus, further

enhanced by the addition of mixture work, and, finally, climaxed with a battery of fiery reeds!

It is said that many ranking recital organists are reluctant to perform on this instrument, for because of the unique acoustical properties of the auditorium, any ever-so-slight sluff and/or mistake stands out sharp; indeed, this is the case: not true, however, for M. Marchal who has complete mastery over this organ. Coupled with accuracy of playing and rhythmic precision, his intensely alive interpretations of these masterpieces are monumental in the growing library of recorded organ literature.

Especially noteworthy are the Bach "Prelude and Fugue in E Flat Major" and the choral-prelude "Wir glauben all an einen Gott," the Buxtehude "Fugue al a Gigue", and the D'Aquin "Noel." In addition to the artistic perfection of M. Marchal, Peter Bartok has achieved amazing reproduction of many of the organ stops—in particular, the pedal Posaune and Cornet on the Kresge Organ, and the pedal Quintadena on the Chapel Organ.

Much of the anticipated future success of these records must be accorded Mr. Bartok for a most difficult task, superbly accomplished.

—ACL

profile

James G. Kelso

Dr. James G. Kelso relaxed in the big chair in his office. Dr. Kelso is an expert at interviews; for one half hour, recently, he interviewed Dr. Vannevar Bush on nation-wide TV for the National Broadcasting Company.

Doctor of Philosophy Kelso is Executive Assistant to the President of MIT. Dr. Kelso looks like and is the type of person who enjoys reckoning with things. There must have been sincerity behind his statement to Dr. Bush: "I want to ask you a few questions about things that have been bothering me about science, democracy, education." Routine questions rather disappoint Dr. Kelso. He is a graduate of Dartmouth and Harvard, and until a year ago was still teaching a class in the Humanities Department. It isn't too clear to him how he got into administrative work. A few years ago President Killian asked him to run the Placement Office, and eventually he took over the position of Executive Assistant on a full-time basis.



Right now, Dr. Kelso said, his job means that he does anything that the President of MIT wants him to do, which might be gathering background material, keeping the President informed, keeping himself informed—"by reading *The Tech!*" Quite simply, running the administration at MIT isn't a one man job. Kelso has one part in the task.

An exact definition of his job, Kelso said, was impossible; there isn't any. For that matter he said that he had never seen a definition of the President's job. As in any large corporation the chief may try to run things single-handed or he may delegate power and responsibility to other men. Dr. Kelso stressed the importance of personalities.

But even if Dr. Kelso didn't see much difference between MIT's structure and that of General Motors—MIT is controlled by a Corporation which meets four times a year, has a Chairman (Vannevar Bush), and appoints a President who is responsible for the academic and administrative policy—he emphatically stated that MIT would always be an educational institution in spite of its capabilities in other directions, Lincoln Lab for example. Kelso pointed out that whatever research MIT does is almost wholly basic research. Much work in solid state physics sponsored by the Department of Defense he said might not have practical application for many years.

It wasn't hard to see that Dr. Kelso considered financing research a major problem. Who else has the funds but the Department of Defense? Kelso wasn't optimistic about there ever being comparable sums of money from other sources, even special agencies in the government. This may be an indication that President Killian as the President's Special Advisor on Science and Technology is finding tough going.

When asked what he thought of plans to make MIT a university, Dr. Kelso threw the question back asking what is a university. MIT, Kelso said, is a university and a good one centralized around science.

He also had comments on the professional attitudes of MIT students. Materialism is a criticism of our age, he said; but "I don't think any other students stand more for what is good and are more idealistic than those at MIT." Of course there is room for improvement, but where isn't there?

When asked when he thought President Killian will complete his job in Washington, Dr. Kelso said that it was definitely meant as a temporary position, but there has been no time limit discussed.

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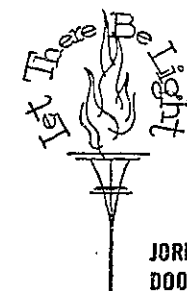
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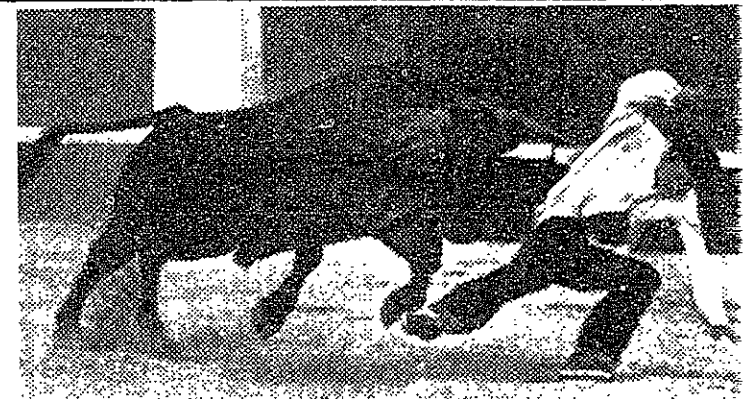
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WRIGHT
(Continued from page 1)
ments about engineers and science: "The only thing that can pay off is the beautiful. Science can't give it to us; it can take things apart but it can't put them together. . . . The engineer will be used by the architect as I use him—and I use him as an engineer uses his sliderule. . . . We ought to shut science off for some time to come before we turn it on again. Scientists are pushing us over the brink."

Mr. Wright cited the automobile as a feature which is hastening the decay of cities. He called repeatedly for planning. "If only we'd had architects come over with our forefathers, where would we be now?"

Mr. Wright termed his architecture "organic", said that when he first went to Japan, he found the structures in that country organic, and called Paris the most beautiful city in the world; "It has preserved a sense of space."

Wright Says Urban Renewal Is Just A Palliative; Planning Needed

"I am sorry from the bottom of my heart, and I am also glad for you. Get into things! Do something, don't just sit and study! It's a simple thing. Good luck to you all."

With these words, Frank Lloyd Wright left Kresge Auditorium last Wednesday night, after spending more than an hour answering questions. An entourage of about thirty people had followed Mr. Wright from the auditorium into one of the basement rooms. Architecture students from MIT and Harvard were asking him technical questions, and WTBS had set up a tape recorder and was transcribing a record of the talk. Mr. Wright answered all the questions put to him, and expounded his ideas on Nature and Architecture.

Someone asked for an elaboration on the problem of the modern city. "Urban renewal is just a palliative," said Mr. Wright. "It serves to make the dying comfortable. What we need, and always have needed, is real city planning."

When questioned about himself and his ideas, Mr. Wright said, "I have a reputation for arrogance because I tell the truth about myself. I know I have found true organized architecture because I have successfully built such structures."

He continued, "Education is now just the trampling of the herd. We must return to the elemental spirit of truth. I suggest you all go out of school and work on a farm or do bricklaying for a year or so."

ELECTIONS

(Continued from page 1)

Larry Spiro, Robert Muh, and Richard Simons. Dave Packer is the only candidate for the class secretary-treasurer.

Sophomores whom the Class of '60 will choose between as president are Robert Lienhard and Jack Edwards. Running for the office of vice-president are Richard Fozi Cahaly, Theodore Kraver, Alan Shalleck, and Thomas Courtney. Candidates for secretary are Edward Neild, III, and Don Weaver, while Dwayne Burson is running unopposed for class treasurer.

Freshman presidential candidates are as follows: Cary Gustafson, Jeffrey Steinfeld, Paul "Buck" Fricke, Kenneth Singer, Dorsey Dunn, A. D. "Buddy" Martin, and Robert Dulsky. Running for Class of '61 secretary-treasurer are Mel Cornillaud, Joel Bellows, and Frank Monroe Labouisse, Jr.

IBM 704 Computer Spends 233 Hours On 3 Satellite Orbits

Even though the giant computer at MIT needs only 21 seconds to compute the orbit of an earth satellite, more than 233 hours of its time have been devoted since last October 4 to satellite work, the MIT Computation Center reported today. The orbit changes slightly every time that a satellite goes around the earth, and the orbits of the first three satellites sent into space have been computed over and over again so that these changes can be traced.

The MIT computer, an IBM 704, made available by the International Business Machines Corp., is the largest machine of its kind in America that is devoted wholly to unclassified research. Its full potentialities have not been realized yet in satellite tracking, but theoreticians already are being forced to race to keep up with the numerical findings that are pouring out of it.

Checking the instruction program given to the machine, comparing observers' reports to find which are most precise.

Richard Dyer-Bennet To Give Folk Song Concert In Kresge

Richard Dyer-Bennet, nationally known tenor and guitarist, will give a concert of folk and art songs in Kresge Auditorium Sunday, March 16 at 3:00 p.m. He is being presented by the MIT Choral Society.

Born in England, but raised and educated in California, Dyer-Bennet sings a six-hundred-year-old hit parade of the songs sung by the ancestors of the English-speaking people. He is an excellent guitarist, and has arranged his own folksong accompaniments. One thing that sets him apart from other folk singers is the range of his repertoire, which includes 600 folk and art songs in many languages.

Tickets for this concert (\$3.00 and \$2.50, reserved; \$1.75, unreserved) are on sale at Kresge Auditorium.

STUDENT UNION

(Continued from page 1)

to the enhancement of student life, both on an individual and a group basis. They hope to define what the building should be, not what it should look like.

Since the beginning of the study in 1953, the various groups have conducted several polls, the results of which were used in the recent determination of space priority. New factors which influence the study have consistently entered the picture, the most recent being the "planning for the philosophy and construction of an undergraduate House system and a Graduate Center." Each of these developments have required special consideration by the group. Plans are presently being made for a fund-raising drive to turn these ideas and recommendations into reality. A report is being prepared which will outline the action being taken and the present status of the center in general.

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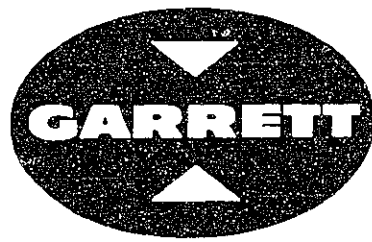
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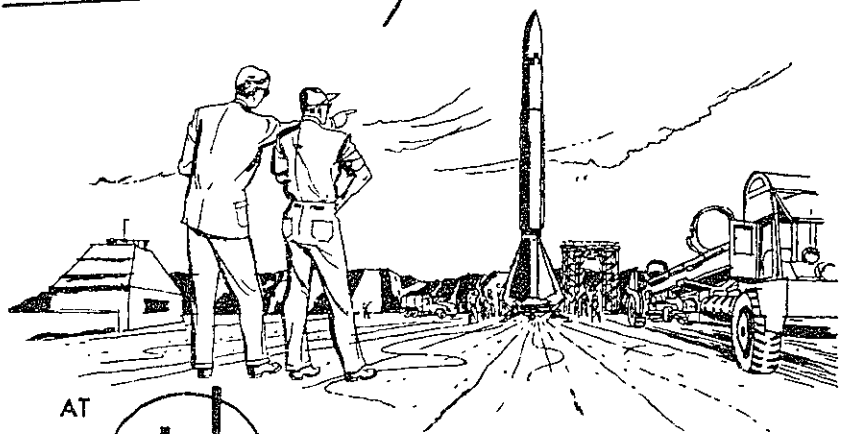


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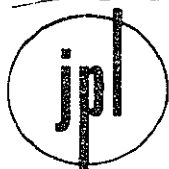
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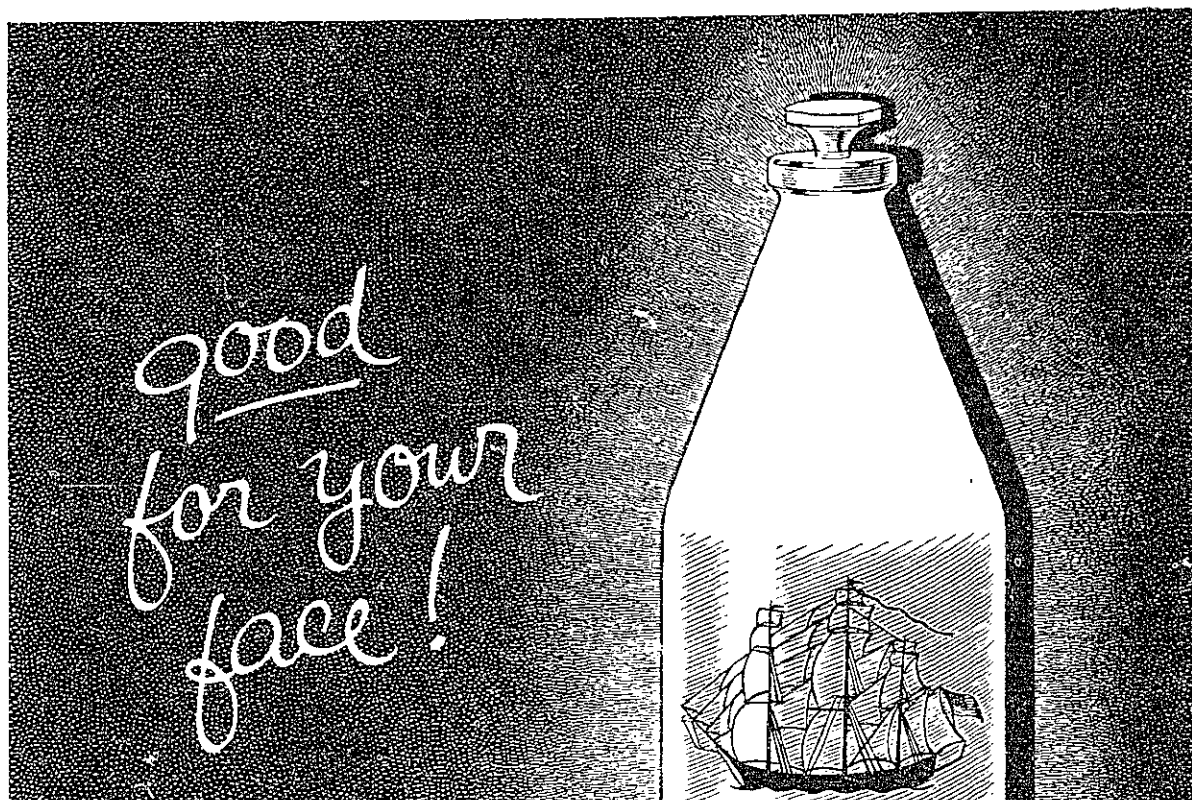
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SOLAR HOUSE

(Continued from page 1)
 Its sunshine in, but keeps the longer waves of heat energy from passing right back out again.
 Heat captured by the sheet is transferred to water and carried through copper tubing to a 1500 gallon storage tank. This stored energy can later be transferred to the air through a heat exchanger to heat the house.
 The great expanse of glass of the solar collector is also the dominant architectural feature of the house, for it forms all of the visible roof and all of the building's south side. This south-facing glass side slopes upward at a 60 degree angle from the horizon. The tilt and area requirements of the "roof" posed an unusual architectural problem. As a result the living room has been placed on the second floor which, because of the collector, was with smaller and less tractable than the first floor. However, the second floor affords a sweeping view of the surrounding country-side. And to pro-

vide an outdoor space for this upstairs living room, the architects built a screened porch on a platform and connected it to the living room by a flying bridge.
 "This house represents the wedding of the special engineering requirements of a reliable solar heating system with the architectural demands of modern living", says Professor Lawrence B. Anderson, head of the Architecture department, and chairman of the space heating committee of the MIT Solar Energy Conversion Project under whose auspices the house was built.
 Although the solar heating system could have been designed to supply all of the house's heating requirements, it was designed to provide about 80 per cent of the total heat, the remainder being supplied by an auxiliary oil furnace.
 Cost of a similar heating system would be prohibitive for the individual builder, costing about six times as much as conventional systems. Pro-

fessor Anderson points out that, "Had it cost only twice as much as the conventional system, it would have been economically competitive considering the capitalized cost of annual fuel savings."
 Professor Anderson also notes that for this prototype house the collector was hand-made and that if several identical systems were built, factory production would reduce costs. He also believes that a study of the operating data of this solar house may show how the system may be simplified to achieve further cost reductions.
 The first MIT solar house was a two-room office and lab on the main "campus", which was built just before World War II. This was followed by another laboratory building located at Westgate. This was then remodelled to convert it into a small home for a married student and his family.
 Funds for the solar house were contributed by Godfrey L. Cabot. It was built under the direction of the Solar Energy Conversion Project.

M. E. Dept. To Woo Frosh With Exhibits In Bld. 7 Next Week

The Mechanical Engineering Department is amassing a vast armada of exhibits to be moved to the lobby of Building Seven next week. The exhibits, which will include over fifty items, will demonstrate everything from a cryostat to a rocket engine.
 The exhibits are a part of the ME department's contribution to Freshman Orientation Week, which will feature, in addition, an open House on March 3 from 4:00 to 5:00 p.m. Dean Hertog will speak at 5:30. Professors will be present at the smoker and students can orient their questions around what they have seen in the exhibits.
 Dean Hertog will appear on the WGBH television program, "Science Reporter" next Wednesday.

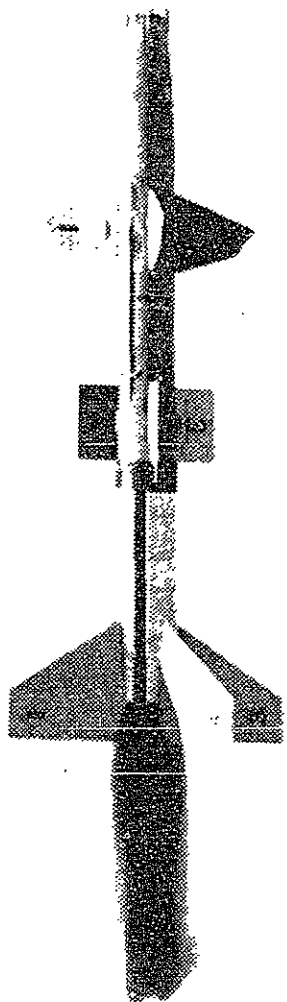
NOTICES

GRATIS
 The LSC wishes to thank Tech Show for relinquishing part of their rehearsal time for the talk by Frank Lloyd Wright.
CLASS ELECTIONS
 Class officer elections will be held March 4, from 8:50 a.m. until 5:00 p.m. in the lobbies of Building 10 and Building 2.
SECRETARIAT SMOKER
 Secretariat will hold its Smoker next Monday, March 3, at Litchfield Lounge, Walker Memorial. All freshmen welcome.
WRIGHT TALK TO BE BROADCAST
 Next Tuesday, March 4, WTBS will broadcast tape recordings of Frank Lloyd Wright's speech and the subsequent question session. The tapes will be aired from 10:40 p.m. through midnight.

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MARCH 3, 4

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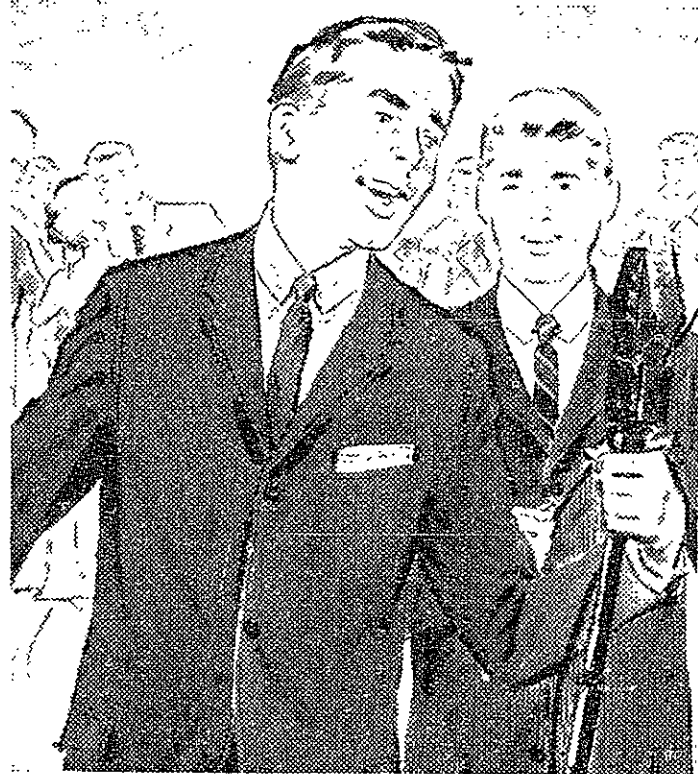
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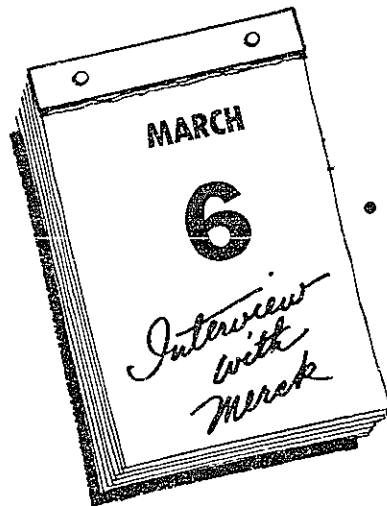
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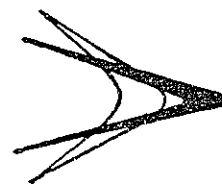
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Tech Show Opens Friday, February 28 Knee And Solomons Have Starring Roles

The first performance of the 1958 Tech Show, "Out on a Limbo", will be held tonight at 8:30 in Kresge Auditorium. Tickets will be on sale at the door the evening of each performance, and will also be on sale from 11 a.m. to 2 p.m. in building ten until the last show. There will be three other performances, on March first, seventh, and eighth.

On March 15th the show will go on the road, to Northampton, Massachusetts, where the performances will be given for the students of Smith, University of Massachusetts, Mount Holyoke, and Amherst.

This year's musical comedy concerns a group of New York socialites who become bored with life and decide to go to a small island which may soon be blown out of existence by an active volcano. The plot hinges around a business-

man's excessively available daughter and the attempts of the group to get out of a seemingly hopeless situation.

Playing one of the major male leads is Dave Knee, a talented graduate student in mathematics and a graduate of CCNY. Gus Solomons '60, who injured his foot several weeks ago in dancing practice, has taken a non-dancing part under doctor's orders, and has been doing all the choreography. Also in the cast are Bobby Shane and Phyllis Luberg, from B.U., and MIT coed Elaine Beane '59.



TECH SHOW cast rehearses one of its more ferocious moments.

Draper To Speak In Museum Of Science To Air Force Assn. On Inertial Guidance

Dr. Charles Stark Draper, head of the instrumentation laboratories, will deliver an address on the topic of inertial guidance at the Museum of Science Building on Tuesday, March 4, at 8 p.m. This admission-free lecture, sponsored by members of the Air Force Association, Boston Squadron, was originally scheduled for the evening of Tuesday, February 18.

Dr. Draper is a pioneer in inertial guidance. Research which he began in 1939 has led to an extremely accurate guidance system for aircraft, notably missiles. This system is "near-

ly ideal", according to the caption of an inertial guidance display in the lobby of building 7.

Evidence of the capabilities of inertial guidance was presented in February of 1953, when an Air Force B-29 bomber carrying 2700 pounds of topsecret equipment flew from Bedford, Mass. to the west coast. According to an article in the September, 1957, issue of Reader's Digest, the craft carried a pilot, but he did not touch the controls for twelve hours.



Phyllis Luberg, member of the cast, in one of her less ferocious moments.

Tufts Trips Beaver Pucksters, 7 Engineers Tire In Third Peri



Beaver defenseman Bob Stein '60 (number 18), skates for the puck in Wednesday's game with Tufts.

After playing their best hockey of the season for two periods, MIT's varsity hockey team tired and a rough Tufts sextet pulled away to win, 7-1, at the Briggs Field rink Wednesday night. The Engineers skated hard from the opening whistle, and their checking and passing helped them to keep the pressure on the Jumbos' goalie, but by the final period, the undermanned Tech aggregation was worn out.

The opening session saw both teams controlling the puck for about the same amount of time. The only score during this period came at 4:33, when the visitors right wing blasted in a short shot after being left unguarded by the Beaver defense, while he was in front of the goal.

Following the intermission, the pattern of play was much the same, and at 5:30, the visitors tallied again, this time on a low screen shot. The Martinmen then increased their efforts, and their added hustle enabled them to control the puck.

Peckingham Scores

At 11:16, much to the approval of the partisan crowd, the Beavers' George Peckingham '59 dented the twines with a shot from just outside the crease, while players from both squads were tangled up in front of the goal. Assisting on the score were George Kirk '60 and Bob Sullivan '58.

Then, MIT went one man up when Tufts' center went off the ice for elbowing, but the advantage was short lived as Tech's George Lerner '60 received a penalty for offensive checking only half a minute later. The two sextets traded penalties

again, but neither was able to although the Jumbos blew two chances on breakaways.

MIT Defense Stars

The Cardinal and Gray defense was outstanding during the match. The first unit of Bob '60 and Jon Weisbuch '59 was doing quite effectively, and was backed up by the other pair of Turner '59 and Tony Dunne '60.

Techmen Tire

The final period appeared to be a completely different game, as contests in six days had worn Tech's two offensive lines. The session was but 13 seconds old when Blue and White registered their goal of the encounter. Forty seconds later, they struck again. Way through the stanza the Jumbos scored twice within eighteen seconds. They added another to close the ing at 17:22.

Fencers Victorious Defeat UConn, 17-

Using many of their substitutes, MIT's varsity fencers captured their sixth victory of the season over the University of Connecticut Wednesday evening at New Haven, by a 10 margin. The triumph was by the epee team which won. Starring in this event for the Tech were Les Dirks '58 and Joe Loskey '59, who were both 3-0.

This Saturday the Techmen traveled to Brandeis for the New England Championships.

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Interviews on campus

March 11th & 12th

JET PROPULSION LABORATORY
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7-1 Northeastern Topples MIT Quintet Cooper Tops Tech Scorers With 13

Capitalizing on foul shots, Northeastern's basketball squad defeated MIT 61-52 last Wednesday evening at the victor's gym. The Engineers opened quickly, as Bob Polutchko '59 poured in two one-handed jump shots from just outside the free throw circle. Northeastern followed with two quick baskets, and after a scoreless minute, the Wildcats hit on three straight set shots to take a 10-4 lead.

The game continued on an even keel throughout the first half, with Northeastern hanging on to an eight-point lead, and at the half, the scoreboard read 33-25.

Northeastern Spurts Ahead

The second half saw the winners completely dominate the action. The Wildcats, taking advantage of excessive Tech fouling, built up a commanding lead in the opening minutes of the period. MIT could not find the range and the opportunity to regain the lead slipped slowly from their grasp.

Then, as has been typical of the team's last few games, the Beaver Hoopsters began to move on the offense. With Morrow '60, Polutchko, and Cooper '59 leading the way, the visitors narrowed the gap to three points, 50-47, with three minutes remaining in the contest. It was not

enough, however, as Northeastern outscored MIT 11-5 as time ran out.

Lack of Height Hampers Tech

The game was loosely played, and both teams were guilty of sloppy passing and ball handling. The victors were hawks on rebounds, as their superior height helped them control both boards.

Outscored from the field 44-38, the Wildcats converted 23 of 31 foul shots while the Engineers could score on only eight of fourteen gift tosses.

Season Finale

Saturday, the Cagers play host to Wesleyan in the final home contest of the year. The entire squad should be in top physical condition, and the game promises to be an exciting one, as Tech will try to get back in their winning ways, and close the season on a hopeful note.

MIT SCORING

	FG	F	Total
Jordan	5	2	12
Polutchko	5	2	12
Cooper	6	1	13
Morrow	3	0	6
Hasseltine	0	1	1
Burton	1	1	3
Larson	2	0	4
Rachofsky	0	1	1
Pogarian	0	0	0

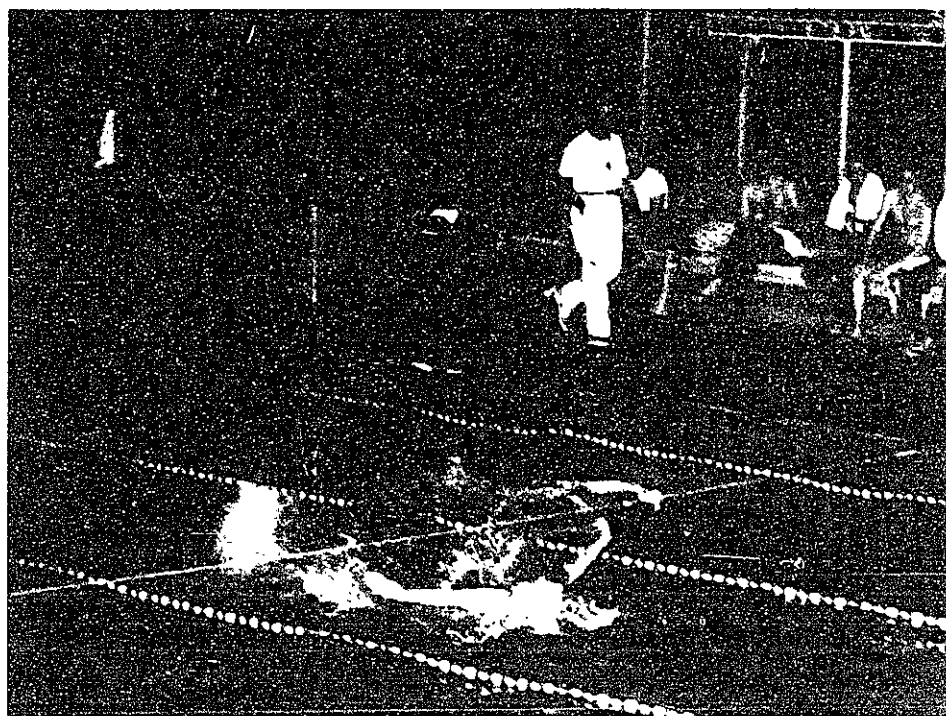
Engineer Mermen Topped By Springfield

Despite their valiant efforts, Tech's varsity swimmers dropped their meet with Springfield Wednesday night, 36-50. The team got off to a flying start when Roger Kane '59 and John Windle '60 took first and second respectively in both the 50- and 100-yard freestyle events. Kane turned in some of the best times of the season, with a 24.9 and 55.1 seconds respectively, the second just off the school record.

Burnell West '60 pulled in 5 more points with a close first in the 200-yard breaststroke in 2:35.7. Captain Murry Kohlman '58 lowered this year's best time by nine seconds in the 440-yard freestyle, taking third. Finally, the relay team of Captain Bill Veeck '58, Kane, Windle, and Jack Kossler '59 took first place.

Yearlings Downed

Hampered by a poor swimming pool, the yearlings lost to Gardner Wednesday at an away meet, 55.5-30.5. In spite of adverse conditions, Tom Ising took an easy first in the 150-yard individual medley while John Banzhaf splashed home ahead in the gruelling 200-yard freestyle. Pete Bankson hit his best time of the year to cop a very close second in the 200-yard freestyle while Eric Esene lost by a touch in the 100-yard breaststroke. In the 100-yard butterfly Tony Sylvestri was the victor followed by Jim Francis. The 100-yard backstroke saw a very close second for Nelson Steffany.



Shown above is the finish of the 100 yard butterfly event at the Alumni Pool, Wednesday evening, as MIT lost to Springfield.

bushleaguer

Ice Payoffs Enter Final Rounds;

Intramural hockey enters its final round this week-end. The four remaining teams; Graduate House, 5:15 Club, Sigma Chi, and Phi Beta Epsilon, will face off against each other Sunday and Monday. The team

with the best record from the three semi-final, and two final games will be crowned hockey champion.

Schedule

- Sunday
 - Graduate House vs 5:15 Club 10 a.m.
 - Sigma Chi vs Phi Beta Epsilon 11 a.m.
- Monday
 - Graduate House vs Sigma Chi 7 p.m.
 - 5:15 Club vs Phi Beta Epsilon 8 p.m.

Court Finals

Phi Gamma Delta meets Graduate House in Rockwell Cage on Saturday afternoon at 2:15 to decide the championship of the intramural basketball league. Last week Grad. House downed the Fijis, but since the finals are on a double elimination basis another game is necessary. Phi Gam was previously undefeated, and Grad. House dropped their first round game to Pi Lambda Phi. Both teams were undefeated in regular season play.

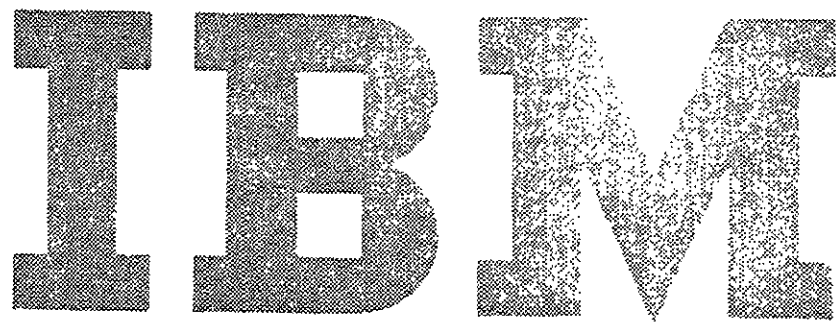
The Fijis who boast one of the top defenses in the league, led by Chuck Ingraham '58, Carl Swanson '60, and Don de Reynier '60, hope to rebound from last week's defeat and stifle Grad. House's excellent offense. But the graduates led by Aaron Galvin, Bill Troutman, and Ed Grubbs could very well be too much for the Phi Gams.

Forty Teams Entered In IM Volley Ball

The intramural volley ball season got off to a start in Rockwell Cage on Sunday night. The forty teams participating are divided into eight leagues, with each team playing every other team in its league to determine who will enter the finals. The games were scheduled to be played in the armory, but due to an equipment mixup, had to be transferred to the cage. The scores as of the latest report are:

- League I
 - Delta Kappa Epsilon over Sigma Alpha Epsilon-B 15-10, 15-13.
- League II
 - Phi Delta Theta-A over Alpha Tau Omega 15-5, 15-13.
- League IV
 - Sigma Chi-A over Sigma Alpha Epsilon-A 6-15, 15-2, 15-13.
- League V
 - Baker House over Phi Kappa Forfeit.
- League VI
 - Dover Club over Club Latino 13-15, 15-13, 15-7.

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Bowling Leaders

The intramural bowling season got off to a late start this season; and compounding this, numerous postponements have caused the end of the season to be delayed until late April.

In the closing three weeks the winners in each of the six original leagues will form a play off league; the team with the best record in this league will be crowned champion.

LEAGUE LEADERS

League I—5:15
 League II—Phi Gamma Delta
 League III—Burton House
 League IV—Beta Theta Pi
 League V—5:15 B
 League VI—Sigma Alpha Epsilon B

RED CROSS SENIOR LIFE SAVING COURSE

Registration: March 10, 1958. Eligibility: Required Life Saving Swim test; will be given at first Red Cross class. Place: MIT Alumni Swimming Pool.

The Water Safety Instructor's course will be offered starting April 21, 1958. The prerequisites for this course will be: a Red Cross Senior Life Saving certificate less than three years old, and attendance at the pre-instructor's class starting April 7. Please register with the Swimming Pool Attendants. The final date for registration will be March 10, 1958 for the Senior Life Saving Course.

Senior Life Saving Course: March 10-March 27, 4:15 p.m.-5:45 p.m., Monday through Friday.

Pre-Instructor's Course: April 7-April 18, 4:15 p.m.-5:45 p.m.

Instructor's Course: April 21-April 26, 7 p.m.-9 p.m.

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B. U. SARGENT COLLEGE announces an informal dance to be held at the College, 6 Everett St., Cambridge, Mass., Saturday night, March 1. Admission 75c. Time 8-12 P.M. Prizes and Refreshments.

TYPING SERVICES — Call Mrs. Gerrit Toebes, 43 Westgate, UN 4-6833.

LOST—On or about Feb. 14, somewhere around the Institute—ono tie pin with key on chain. Identification: Mass. Beta. Mannheim '59 on key. Reward if necessary. KI 7-1677 or Box 135, E.C.

WANTED—Business and Treasury Staff candidates. Contact Peter Silverberg, c/o THE TECH, or Runkle 303, E.C.

FOR SALE—Garrard Model T Turntable. Gus Peitt, E. Campus, TR 6-1892.

WANTED—Choral Society members making trip to Europe this summer thinking of spending an extra five weeks at no extra transportation cost. Contact Stewart Wilson at KI 7-3233 for exchange of reservations.

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Sticklers!

WHAT IS A BIG METALS TYCOON?

DAVID ALEXANDER
 N. CAROLINA STATE
Steel Wheel

WHAT IS A MARCHING BAND THAT NEVER GETS A LUCKY BREAK?

(SEE PARAGRAPH BELOW)

WHAT IS A POLICEMAN'S BALL?

HENRY BURKHARDT, JR.
 U. OF DETROIT
Cop Hop

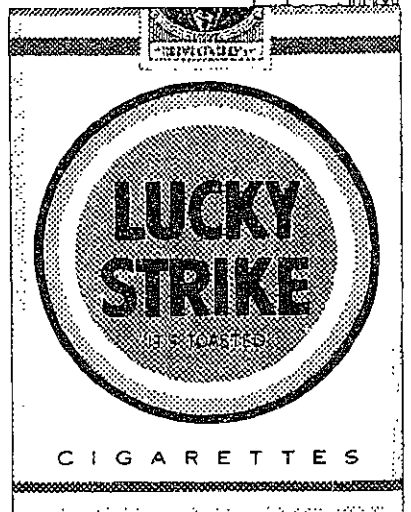
MEMO TO MAESTROS: is your band dawdling instead of tootling? Is it full of feeble fifers and drooping drummers? Well, this musical slowdown may be traceable to lack of Luckies. Better give your band a break—and make it a Lucky one! A Lucky, you see, is a light smoke—the right smoke for everyone. It's all cigarette — all naturally light, wonderfully good-tasting tobacco. And Luckies' fine tobacco is toasted to taste even better. Now then, what's a marching band that never gets a Lucky break? Why, it's a *Sore Corps!* (Wasn't that cymbal?)

WHAT IS A POMPOUS BULLY?

JAMES HIBBS
 INDIANA STATE
 TEACHER'S COLLEGE
Stuffy Toughie

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WHAT IS PUPPY LOVE?

MARINA LA MADRID
 U. OF WASHINGTON
Collie Folly

WHAT'S A FRENCH BASKETBALL PLAYER?

MELVYN NIZNY
 U. OF CINCINNATI
Tall Gaul

WHAT IS A WELL-DRESSED BOXER?

WARREN BODOW
 SYRACUSE
Dapper Scrapper

WHAT IS A CLAIM JUMPER?

LOIS REICHARD
 KUTZTOWN STATE
 TEACHER'S COLL
Acre Taker

LIGHT UP A *light* SMOKE - LIGHT UP A LUCKY!