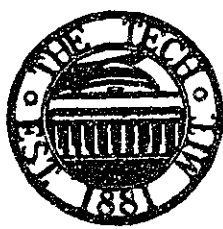


# The Tech



OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXVI. NO. 8

CAMBRIDGE, MASSACHUSETTS, FRIDAY, MARCH 2, 1956

5 CENTS

## Cohen, Dickerson, Toomre Elected House Chairmen; Vote Again Tues. Inscomm Sets Up New Finance Board, Outlines Board's Area Of Responsibility; Next Senior Ring Committees Abolished

Dormitory elections moved to a close Tuesday as the individual houses balloted for their officers. Sixty per cent of the six hundred East Campus residents voted, as against a turnout of seventy per cent in Burton House and ninety-eight per cent in Baker House.

The new House Chairmen are: Alar Toomre '57, East Campus; Willard "Butch" Dickerson '57, Baker House; and Lewis Cohen '58, Burton House.

In other House-wide elections, Burton House chose Arnold Amstutz '58 as Representative to Inscomm, and Jerry Abel '58 and James Alstrom '57 as Representatives to Dormcon. Alstrom was the only non-sophomore winner in the Burton House elections.

Robert Hecht '58, was elected East

### Opinions Varied On Pledge Hazing Issue

When the Interfraternity Council went into meeting last night, there was a considerable variation of opinion among the delegates concerning the hell week resolution formed at Sunday's conference among the twenty-eight fraternity presidents. The resolution, voted on at the meeting, in general defined initiation proceedings as a "character improving" function, and limited hazing to actions of "good taste" and lacking "physical hazard" for the pledges. However, there were several limitations placed on specific hell week activities.

Pre-meeting opinion in general seemed to favor the proposed resolution with minor resolutions. There were factions present, however, which advocated the two alternate extremes, that of radically revamping if not abandoning hell week, and that of sticking any changes to the present system. Those in favor of wide-sweeping changes generally aligned their opinions with those expressed by Dr. Herbert Harris, head of the Institute

(Continued on page 3)

Campus Representative to Inscomm.

Other Baker House winners were: Richard Brandes '57, Inscomm Representative; Sanford Nobel '58, Dormcon Representative; Richard Sherman '58, Athletic Chairman; and Stuart Pinsof '58, Social Chairman. (It should be noted that the various houses differ in the number of positions which require a vote of all residents rather than a vote of all House Committee members.)

Both East Campus and Burton House Committees held meetings late Wednesday night to fill out their respective slates. Among those elected were the following:

In East Campus—Stanley Fenster '58, Secretary; William Levison '58, Treasurer; Allen Clark '57, and Peter Lenn '57, Dormcon Representatives; Alexander Bernhard '57, Judicial Chairman; Robert Hecht '58 and William Levison '58, Social Chairman; Robert Glosser '59, Lounge Chairman; and Paul Rothschild '58, Actions Chairman.

In Burton House—Secretary, Jerry Stephenson '59; Judicial Chairman, Don Weller '57; Social co-chairman, George Leudeke '59 and Robert Schumacher '59; Athletic Chairman, Abe Weitzberg '57; Audio Chairman, Raymond Suehrstadt '58; and Lounge Chairman, Frank Murphy '57.

Although the dormitory elections have now gone by the boards, the Institute scene remains crowded with a host of Class elections coming up next Tuesday, March 6.

The Classes of '57, '58, and '59 will elect a President, Secretary-Treasurer, and Representative to Inscomm. The Class of '56 will elect a Permanent President, a Secretary-Treasurer, and an Executive Committee.

In addition, Commuters will elect an Inscomm Representative and a Commuter Association President. Fraternity members will vote for an Inscomm Representative also.

The slate of candidates for the above offices is too large to be included in this article.

Inscomm completed the job of establishing a new Finance Board Wednesday.

In an abbreviated (for Inscomm) meeting of less than one hour, Dick Peskin '56 painstakingly guided his two motions concerning the new board past, around, and over the minor objections thrown in their way. Both were passed on unanimous votes.

The first motion dealt with the membership of the board, which will include the Treasurer of Inscomm, the Undergraduate Association Vice-President, the Chairman or Treasurer of the Activities Council, and four members-at-large (two seniors and two

juniors) elected by Inscomm. It also laid out in some detail the new board's duties. Briefly, this board will shoulder full responsibility for all authorized undergraduate activity financing, thereby releasing Inscomm from the time-consuming job of allocating funds, etc. In addition, it is hoped that the Finance Board will centralize, simplify, expedite, and thus make more efficient, the handling of undergraduate moneys.

Peskin's second motion called "immediately" for a meeting between the Finance Board and the Activities Budget Board "to discuss the establishment of a yearly administrative grant

in the form of a percentage of the tuition."

For the nth time a resolution involving Ring Committees was presented. This one, which was passed, called for the disbanding of Ring Committees for the classes of '58 and '59. The details for those classes' rings will be worked out by class officers. Originally, the motion called for the questions being presented to the classes concerned in the form of a referendum, a point which gave rise to several objections. Oliver Johns '56 saw no good reason for the referendum, preferring that the question remain in the jurisdiction of Inscomm as per precedent. George Luhrmann '56 was curious as to how the point, or points, of the referendum would be explained to the "great unwashed", a phrase he quickly disowned. Shortly thereafter, the committee voted to delete that section of the motion pertaining to the referendum, by amendment. The amended motion was then voted upon and passed. During the discussion it was made clear that this dissolving of Ring Committees was, for now, a two-year experiment.

Early in the meeting Bill Layson '56 reported for the Parents Weekend Committee. The dates have been set as May 5 and 6, and the event will be limited to parents of juniors and seniors owing to physical limitations of space and time.

Nominations for Judicial Committee were accepted at the meeting.

### Eduardo F. Catalano Appointed To Prof. Of Architecture Position

Eduardo Fernando Catalano, a noted Argentine architect, has been appointed Professor of Architecture at the Institute, Dean Pietro Belluschi of the School of Architecture and Planning announced yesterday. He will come to MIT in the fall of 1956.

Mr. Catalano has had an active career as a practicing architect in Buenos Aires (1941-1950) and as a teacher of architecture in this country and Argentina. He is now acting head of the Department of Architecture in the School of Design at the North Carolina State College.

Before he went to North Carolina as a Visiting Associate Professor in 1951, Mr. Catalano taught for a year in the School of Architecture of the Architectural Association in London, England. In 1946, after having received a Master of Architecture degree from Harvard University, he was appointed professor in the School of Architecture at the University of Buenos Aires. He has lectured at the

Georgia Institute of Technology, Tulane University and MIT.

Mr. Catalano received his undergraduate training in architecture at the University of Buenos Aires, graduating in 1940. While studying for a master's degree at the University of Pennsylvania in 1944, he was on commission from the University of Buenos Aires to study the curriculum in architecture of the United States and South America. His government also commissioned him in 1947 to study theatre lighting and mechanical equipment.

Mr. Catalano has been a winner of a score of architectural competitions in his country and the United States, including second prize in the General Motors and Architectural Forum Competition in 1945 and first prize in the I.F.T. Experimental Theatre competition in Buenos Aires in 1947. The theatre is now under construction.

Recently, Mr. Catalano designed and built an experimental home in Raleigh, N. C., described as the Butterfly House—in which he lives with his family—to demonstrate the practicability of the hyperbolic paraboloid in structural design.

#### ATHLETIC ASSOCIATION

The Athletic Association announces that there are openings for both intra-softball men and intra-swim and squash men. Anyone interested in these positions should notify the secretary of the A.A. in the office in Walker Memorial or call Tom O'Connor, CO 7-0521.

### Stevens Named As New Rotary Winner

W. Chandler Stevens, Jr., '55, has been named one of 128 outstanding graduate students from 32 countries to receive a Rotary Foundation Fellowship for advanced study abroad during the 1956-57 academic year. Each grant averages \$2,500, and the 1956-57 awards total more than \$300,000.

Stevens, who expects to receive the Master of Science degree in September, 1956, from the School of Industrial Management at the Institute, was recommended for the Fellowship by the Rotary Club of Mansfield, Ohio. He will study business administration and economics, in preparation for a career in business administration, at one of the major universities in the British Isles.

### Intramural Trophy System Revamped

The Executive Committee of the MIT Athletic Association met for their first business meeting Wednesday night. This was their first official meeting since the installation of new officers. Approval of two intramural sports reports led off the meeting. These reports were given by the managers, Al Richman '57 for basketball and Joe Hamlet '56 intramural football.

The present system of awarding intramural trophies was the next topic of discussion, and a new system was voted in which will discontinue all "traveling trophies" which are now awarded. Instead, individual awards will be given each season to the winner of each intramural sport. The present trophies will retire at the beginning of their coming season; their possession will be with the group having a majority of "legs" on the trophy if one exists; if no team holds such a record the trophy will go to the one holding the "best over all standing."

Outgoing members of the executive committee of AA will be given administrative awards, it was next decided. These awards consist of a golden key.

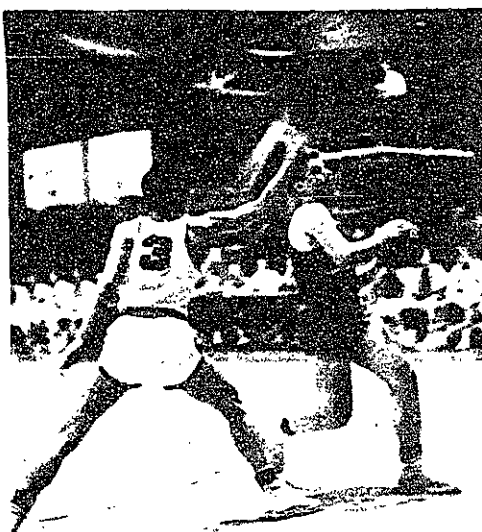
The next order of business dealt with a change in the tieup between the Executive Committee and its working branches of AA. Henceforth monthly reports will be given by the Treasurer, equipment manager, and the publicity manager to the Executive Committee.

A change was also made in the letters given to managers. Formerly all managers, both of varsity sports and intramurals were awarded the same type of monogram; with "MGR" appearing on the "T". Now the letters "IM" will be embossed on the letters given to managers of intramural sports in addition to the previous identifying letters.

## Hoopsters Close Season With 67-65 Win, Vergun Hits 26 To Bring Total To 399

Six seniors finished out their varsity basketball careers at MIT last Wednesday night in Rockwell Cage, and they left with a 67-65 win over Tufts. Coach Scotty Whitelaw started Co-Captain Dee Vergun '57, who is a fourth year architecture student and will not be eligible for varsity competition next year, at center, Co-Captain Bernie Benson '56 and John Patierno '56 at the guards, and Larry Hallee '56 and Phil Platzman '56 in the forward slots. Mac Jordan '58, a regular all season long, was the only underclassman to break into the lineup as cotty went all the way with his partners, Matty Matsuo '56, and Jordan.

Tufts had the edge in height, and took the opening tip to draw first blood on a layup. Benson tied the game with a one hand push but Tufts bounced back to take a 7-2 lead before the Engineers could get rolling. Vergun, high point man in the game with 8 points, picked up his first two of the night on a long set shot and Patierno followed with another to quickly pull the Beavers back into the game. The lead held at four points until Vergun hit for ten fast points in four minutes and the Engineers took the lead for the first time, 18-17, with 10:49 remaining. Jordan hit a five, Hallee two free throws, and



Patierno two more set shots to run the score to 29-27. With one and a half minutes remaining, Vergun took over and added three free throws and two field goals in the closing seconds.

Tufts came back on the floor once again full of fight and rattled the boards for eight straight points to go ahead 37-36. After several exchanges of the ball, Patierno got hot and dropped through three quick set shots to bring the Beavers back out in front, 42-37. The remainder of the third quarter was rather even, with play becoming very sloppy and rough, sev-

eral four and five men pileups occurring. In the waning minutes of the period, Jordan hit one of his few set shots of the year and followed with a jump to increase the lead to seven. Hallee hit a free throw, Jordan hit another jump and a beautiful hook, and Vergun dropped through a set and two free throws to bring the Engineers out to a seemingly safe 60-51 lead. With four minutes remaining and the home team on the right side of a 63-53 score, the game looked all but in the books, when Tufts once again came to life and began to drive. Two long set shots and a steal and layup suddenly closed the gap to 63-59. Vergun picked up the last points of his career on a driving hook but Tufts was not to be denied and quickly broke the freeze and narrowed the margin again to 65-63 with 1:18 remaining. Benson hit a set from the side and once again it looked like the ball game as only 25 seconds remained. However with 14 seconds to go Stephanian broke through for a layup and drew a foul on the shot, so the score was 67-65 and Tufts had a shot. The toes was missed, MIT took the ball, Hallee was fouled, missed the first shot, and the game finally ended with the ball tied up under the Tufts offensive basket, making for an exciting last 14 seconds of the year.

# The Tech



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## EDITORIALS

### A Study In Failure

Lack of "scholastic enthusiasm" is perhaps the most important problem that faces the Institute. It was also, until the conference last weekend, one of the most ignored. Either failing to recognize the situation or doubting the significance of any recommendations they might make, student groups in general steered clear of the question.

Hardly a strictly local problem, the lack of enthusiasm is one that can be solved locally. Not to any appreciable extent the product of what Dean Kepple of Harvard called "American anti-intellectualism", the situation at MIT can be traced directly to the educational system now in effect.

Taken in its simplest terms, an educational system is endowed with a set of rewards and penalties whose sole purpose is to keep the student headed toward education. At the Institute, as at most academic institutions, the rewards and penalties are manifested in two mechanisms, the degree and the marking system.

The degree serves as the pot of gold at the end of the educational rainbow and the marking system, in this case the cumulative rating, provides the reward for academic success—the high cum and the prestige and monetary potential that go with it, and corresponding penalty for failure—the low cum and disqualification.

These rewards and penalties are, however, only supplements to the core of the system, the instruction, research, practice and so on which are the actual methods of education.

If the degree and the high cumulative rating become ends in themselves, the prime concern of the student becomes not education but the best way to "beat the system" and get the highest cumulative rating. When this is the case, both the core of the system and the supplements have failed.

The outstanding success of the Associated Tutors is an indication that to many undergraduates, education is secondary to cumulative rating, and, to this extent, the Institute system has failed.

Understanding of the values of the students is an absolute necessity to the design of an efficient educational system. Among Institute undergraduates there is a definite dualism—the values are both intellectual and material. Ignorance of the degree of material valuation in the undergraduates leads to the design of a system in which the supplements, degree and cumulative rating become of disproportionate importance.

The intellectual values are there; but, if the system is inadequate, they will become subordinate to the material values. The problem of scholastic enthusiasm is the problem of making the intellectual values predominant in practice.

Solution of the problem entails the use of two methods—adjustment of the supplements to place less emphasis upon the material and changing the actual educational methods to stimulate the intellectual.

### Deemphasis Of Materialism

The cumulative rating system, by its precise nature, tends to become disproportionately important. Scientifically unsound (it is computed to three figures although the data has but one), it provides too convenient an index of success in "beating the system". Rather than emphasizing individual courses, it is a blanket figure ignoring them. Intellectually, the courses are the meaningful segments of an education; the cumulative rating is an often meaningless generalization.

In the mind of the student the process is a simple one, recognizing that the cum is a handy index for prospective employers, they value it higher than the education which in the long run prove more valuable. An employer does not see the knowledge they have of thermodynamics, or accounting, he sees their cumulative rating.

The student, therefore, takes the course of action which, corrected for his extra-curricular interests, will maximize not his education but his cumulative rating. And education is not always the road to the highest cumulative rating.

To deemphasize the material values which in this case act against the intellectual ones (although in the long run the intellectual values which lead to the best education prove to be the best material values as well the case being one of sub-optimization), the marking system must be radically overhauled.

Elimination of the cumulative rating as it now exists, although retaining the present letter grade system, seems the best course of action. This will, perhaps unfortunately, necessitate the design of a new system of academic criteria for academic disqualification to replace the multiple pitfalls provided by the cumulative rating. The elimination of the unsound, unfair and distorting cumulative rating would more than compensate for this minor inconvenience, which could as well prove a blessing in disguise.

The chief problem, however, is the stimulation and maintenance of intellectual interest. The ideas discussed at the conference were a big step in this direction.

### Individualism And Direction

Individualism and direction are the keys to the solution. The conference spoke of synthesis and projects. Synthesis to give direction, to add meaning by giving an overall picture; projects to focus individual interest.

Individualism can and should be the basic factor in the Institute educational system. The recent recommendation for change in the required curriculum of Course XII was a step forward, providing for individual selection of program. Adoption of this plan by other Courses is desirable.

The big change must come, not only in selection of courses but also in instructional methods. Variation of individual interest, learning speed and learning methods makes the present too rigid system unsatisfactory. Individual attention is limited, however, by available faculty time.

In many courses at present systems of lecture and recitation or of both combined are efficient. In theory, material is presented by lecture and by text. Often redundancy of presentation, necessary for some and superfluous for others, forces an unwelcome choice—either to devote time unnecessarily or to cut the lecture and miss some of the often few points which are available only there.

Recitation is the key problem. To derive full benefit, the student must schedule his work load to conform with the class schedule. This is, in a great number of cases, impossible and leads to the well known treadmill where the student is always behind. The many classes where recitation and lecture are combined produce a compounding of these faults.

### A New System

We suggest a new system—the elimination of the two lectures, two recitations a week instead. Each relatively independent topic in an individual course would be broken down into sections, each to occupy a continuous period of time—the section first given would be devoted to the presentation of material through complementary use of text and large lectures followed by one or possibly two conference periods (not necessarily scheduled) to enable those students who wished to clear up any problems on the material presented; the second section would be devoted to application, not the present mass assignments, but individual projects covering the material. Available during this period would be conference hours rather than recitations. Projects could, if desired, incorporate use of the laboratories.

Actual faculty time required would not be materially increased. Conferences would require individual attention but time freed by more actual lectures and less repetition could, allotted according to need, be more fruitfully used.

The treadmill would largely be eliminated through the substitution of conferences for recitations, and of one project completion date for the many dates for present home work.

For the economics, humanities and business courses, the substitution of one three hour period a week would often prove superior to the present three recitations. The longer period has, in the cases where it has been tried, encouraged discussion and in many of these courses, discussion is the most desirable educational factor.

The project system can be carried to another level. Given once a year or once a term, a project involving a synthesis of the material presented that year (or that term) would lend meaning and direction to the material. Equally valuable would be survey courses presented, perhaps at the beginning of the second year, enabling a student to comprehend how his courses fit together to give him an understanding of his chosen field.

Perhaps a startling change from secondary school education, the project system is hardly more difficult than the present one. It offers a more organized approach, giving the student an idea of where he is at any given time; recognizes the difference in learning methods and speeds; and, more important, offers in its individual projects, repeated challenges to stimulate and maintain interest.

The alarming number of academic disqualifications last term was in no small way a product of academic disinterest. The consideration of this problem is one of our most pressing needs.

### Three Wonderful Restaurants

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39 NEWBURY STREET

at 39 Newbury Street, next to Traynor's  
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at 29 Newbury Street, next to Emmanuel Church

AND THE NEW ONE AT

260 BERKELEY STREET

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Wonderful home made Bread like your Grandmother made and delicious desserts. They are all owned and operated by Frank and Marion Lawless, who have the famous Carriage House on Cape Cod in North Falmouth

OPEN SUNDAYS

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If it's hard to meet expenses now —  
it would be harder if the family  
wage-earner wasn't around!

You can guarantee \$5,000 to \$10,000 cash at  
a cost of \$1 or \$2 a week, if you are under 38.  
(The younger you are, the less it costs.)

Ask about low-cost Savings  
Bank 5-yr. Renewable Term  
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**SAVINGS BANK  
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UN 4-5271 — Central Square



**On Campus** with  
Max Shulman

(Author of "Barefoot Boy With Cheek," etc.)

### HUSBANDS, ANYONE?

It has been alleged that coeds go to college for the sole purpose of finding husbands. This is, of course, an infamous canard, and I give fair warning that small and spongy as I am, anybody who ever says such a dastardly thing when I am around had better be prepared for a sound hiding!

Girls go to college for precisely the same reasons as men do: to broaden their horizons, to lengthen their vistas, to drink at the fount of wisdom, to trail their fingers in the main currents of American thought. But if, by chance, while a girl is engaged in these lofty pursuits, a likely looking husband should pop into view, why, what's wrong with that? Eh? What's wrong with that?

The question now arises, what should a girl look for in a husband? A great deal has been written on this subject. Some say character is most important, some say background, some say appearance, some say education. All are wrong.

The most important thing — bar none — in a husband is health. Though he be handsome as Apollo and rich as Captain McCutchen, what good is he if he just lays around all day accumulating bedsores?



The very first thing to do upon meeting a man is to make sure that he is sound of wind and limb. Before he has a chance to beguile you with his wit and charm, slap a thermometer in his mouth, roll back his eyelids, yank out his tongue, palpate his thorax, rap his patella, ask him to straighten out a horseshoe with his teeth. If he fails to pass these few basic tests, phone for an ambulance and go on to the next prospect.

If, however, he turns out to be physically fit, proceed to the second most important requirement in a husband. I refer to a sense of humor.

A man who can't take a joke is a man to be shunned. There are several simple tests to find out whether your prospect can take a joke or not. You can, for example, slash his tires. Or burn his "Mad" comics. Or steal his switchblade. Or turn loose his pet raccoon. Or shave his head.

After each of these merry pranks, laugh gaily and shout "April Fool!" If he replies, "But this is November 28," or something equally churlish, cross him off your list and thank your lucky stars you found out in time.

But if he laughs silverly and calls you "Little minx!" then put him to the next test: Find out whether he is gentle.

The easiest, quickest way to ascertain his gentleness is, of course, to look at the cigarette he smokes. Is it mild? Is it clement? Is it humane? Is it balm to the palate? Does it minister tenderly to the taste-buds? Does it coddle the nerve-ends? Is it the perfect accompaniment to today's easier, breezier living? Is it genial? Is it bright and friendly and full of dulcet pleasure from cock-crow till the heart of darkness?

Is it, in short, Philip Morris?

If Philip Morris it be, then clasp the man to your bosom with hoops of steel, for you may be sure that he is gentle as a summer breeze, gentle as a mother's kiss, gentle to his very marrow.

And now, having found a man who is gentle and healthy and blessed with a sense of humor, only one thing remains: namely, to make sure he will always earn a handsome living. That, fortunately, is very simple. Just enroll him in Engineering.

The makers of Philip Morris, who bring you this column, would like to suggest another pleasant and gentle life's companion: Philip Morris, of corris!

# Supersonic Wind Tunnel Opens To Freshmen Wednesday, March 7

How one tests a supersonic missile or aircraft before it is built is shown at the Naval Supersonic Laboratory at MIT.

The existence of this huge supersonic wind tunnel on campus is not known to many, for its doors are shut tight most of the time with secret test work in full swing. However, the Aeronautical Engineering Department is opening the doors and extending an invitation to all Freshmen to come up and see the tunnel in operation, on Wednesday, March 7 at 3:00 p.m.

In order to pump the air around the tunnel, 10,000 h.p. are required. All of this power ends up as waste heat due in part to the friction of the tunnel walls and is dumped into the Charles River from which the cooling water is taken. The tunnel uses over one-fifth of all the electrical power generated in Cambridge.

For each Mach number at which test data is desired, a completely different set of nozzle blocks are required. This is a peculiarity of supersonic flow; namely, the Mach number of the flow depends on the shape of the flow passage, or flow nozzle.

Tests are run on proposed rocket, missile and aircraft designs in an effort to pick the best shape right from the start. Only after hundreds

of hours of wind tunnel testing can the aircraft designer be sure his design will be able to reach the supersonic speeds required today. Many students of the Aeronautical Engineering Department have opportunities to use this research tool in theses and research projects.

## Spring Blood Drive Begins Next Tuesday

Next week, through joint cooperation of the Red Cross and the Technology Christian Association, the 1956 Spring Blood Drive will be launched. Chairman of the drive is Larry Leonard '58.

As a result of previous net donations, the Red Cross has promised a free blood transfusion to all members of the MIT community—a privilege shared by few. If this privilege is to be retained, the response must continue to be great. All donors under 21 years of age must have their parents' permission. Applications may be made at the TCA office.

Donations will be made this year in the Kresge Auditorium. The dates are March 6, 7 and 8. This is an opportunity to give a pint of blood and save someone's life.

# Job Extravaganza To Be Held In New York; Over 10,000 Openings Will Be Offered

Dr. Vladimir K. Zworykin will use a set of electronic shears instead of the traditional scissors to cut the ribbon which will open the 1956 Career and Job Show for America's college students March 23-24 in the 71st Regiment Armory, 34th Street and Park Avenue, New York City, it was announced yesterday by Irwin A. Shane, President of the Career Training Council.

"Representatives from International Business Machines Corporation, Radio Corporation of America, Westinghouse Electric Company, Burroughs Corporation and many other leading industrial firms will take part in this mass hiring campaign," said Mr. Shane.

"They will offer thousands of jobs in fields such as atomic power, auto-

mation, aviation, chemistry, communications and electronics."

Dr. Zworykin, honorary Vice-President of Radio Corporation of America, will represent industry at the opening of the 1956 Career and Job Show. He will stress the critical need for electrical and electronic engineers.

The 1956 Career and Job Show is being sponsored by the Career Training Council—a non-profit service organization—to provide a place for thousands of engineering students to interview dozens of companies at one time. Admission is free.

"Never before has the college student had a chance to interview so many companies at one time and in such a sensible atmosphere," declared Mr. Shane.

"Parents, wives and sweethearts can be brought along to this free admission show to take part in job discussions. They can ask the many questions applicants sometimes fail to ask. Things like housing conditions in the company's area, advancement possibilities, and so on."

The 1956 Career and Job Show also will have career guidance facilities for those seeking information about the many technical careers open to college graduates.

Present commitments from industry for exhibit space indicate over 10,000 jobs will be offered at the 1956 Career and Job Show.

## Inscomm To Sponsor Carnival, March 10

A Carnival sponsored by the Institute Committee will be held in Rockwell Cage on the night of March 10. All proceeds will be distributed to charity.

At least twenty-five groups will sponsor booths, and Bill Marlowe will hold a record hop featuring appearances by guest stars. The group whose booth brings in the most money will win a keg of beer and possibly a trophy.

The Carnival Committee will provide rough lumber, tables, and prizes for the booths. The Committee has also agreed to pay a maximum of fifteen dollars toward supplies necessary for any booth. Girls' groups from Fisher, Leslie, and other neighboring colleges will assist in several booths.

The MIT Bridge Club will hold its monthly Master Point tournament in the Baker House Dining Room tomorrow at 1:30 p.m. All are welcome. A knockout team of four tournament will be held either March 10 or 17.

### PARTIES

East Campus is holding After-Tech-Show Parties Friday and Saturday nights, March 2 and 3, from 10:30 to 11:00 in Talbot Lounge. Plenty of refreshments and a three piece band. Admission is free, but restricted to couples only.

### FROSH BASEBALL

A meeting of all candidates for the freshman baseball team will be held on Wednesday, March 7, at 5:15 in Team Room B at Briggs Field House. Anyone interested should be sure to attend this meeting.

### IFC

(Continued from page 1)

Psychiatry Department, in a recent letter to fraternity presidents. In brief, Harris advocated a "bull session", or a personal evaluation type of integration as a substitute for informal initiation. This would involve extensive talks with the pledges, explicitly pointing out personal faults and emphasizing expectations for change. Those who were adamantly against hell week change pointed out the fact that the recent incident which set off the present series of investigations was the first serious blemish on a record made up of several years of hell weeks. They advocated further that the proposed resolution, through its specific limitations, would leave a chained skeleton of the former hell week and would render it worthless.

The fact that the hazing problem is now in the forefront among student issues is adequately brought out by the numerous investigations presently going on at various levels of the Institute, and by the fact that it has become a major issue in the coming class and Inscomm elections, with one candidate already having incorporated it into his statement for office.

Can you sail expertly? Staff now being developed at Camp Sea Gull, the seafaring summer camp of the South on North Carolina coast. 50 sailboats including 10 "Lightnings." Applicants must be minimum of 19 years of age and able to furnish finest character and ability references. Good pay. 8-11 weeks. Write Wyatt Taylor, 7 E. Edenton St., Raleigh, N. C.

## HIGH FIDELITY ENTHUSIASTS

65 Kent St. **LOWE ASSOCIATES** ASpinwall Brookline 7-3135

PRESENTS

### 3rd Annual MIT Student Sale

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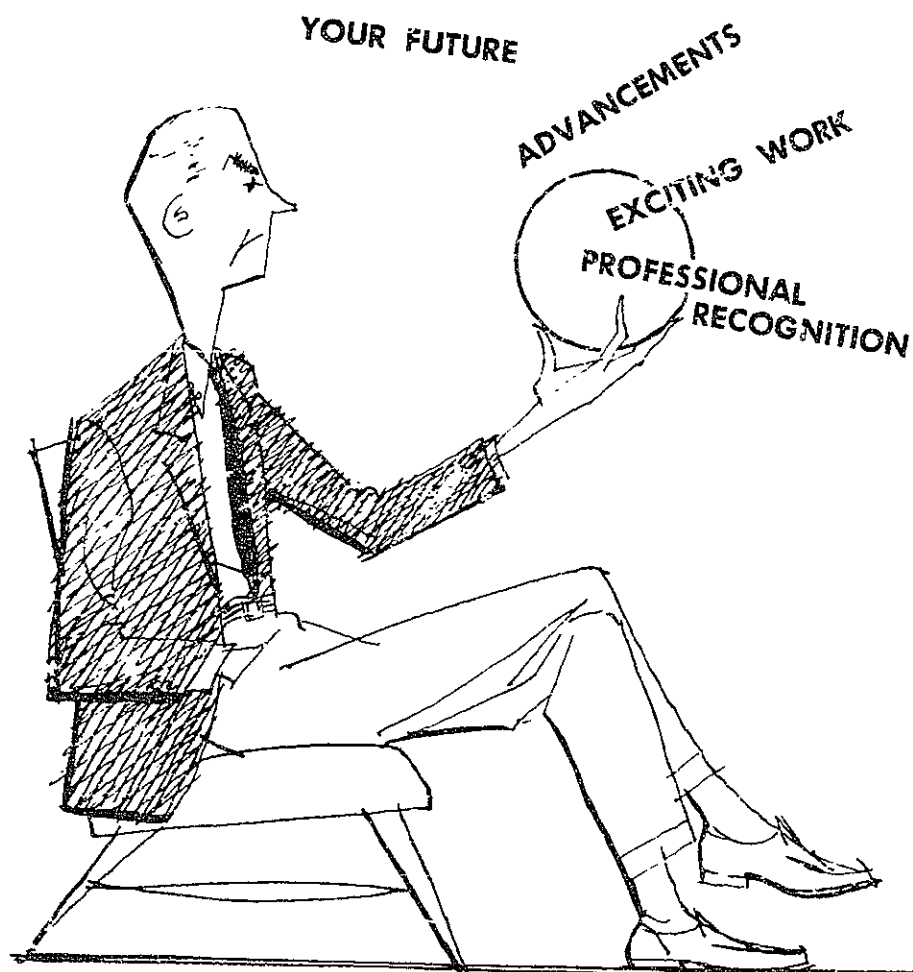
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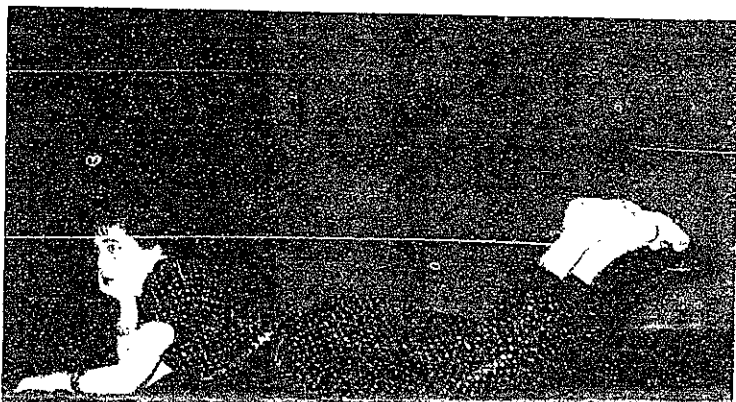
or Address Inquiries to: Manager, Engineering Personnel



Carol Behrens, Jack Rosenfeld, and Gus Solomons, three of the principals in Tech Show '56, in a scene from the production.



Charlene Heald, another B.U. co-ed, and a music major is featured as one of Jack Rosenfeld's "Dream Girls". Jack himself has his identity changed constantly, from just plain Joe to Ernest Hemmingway!



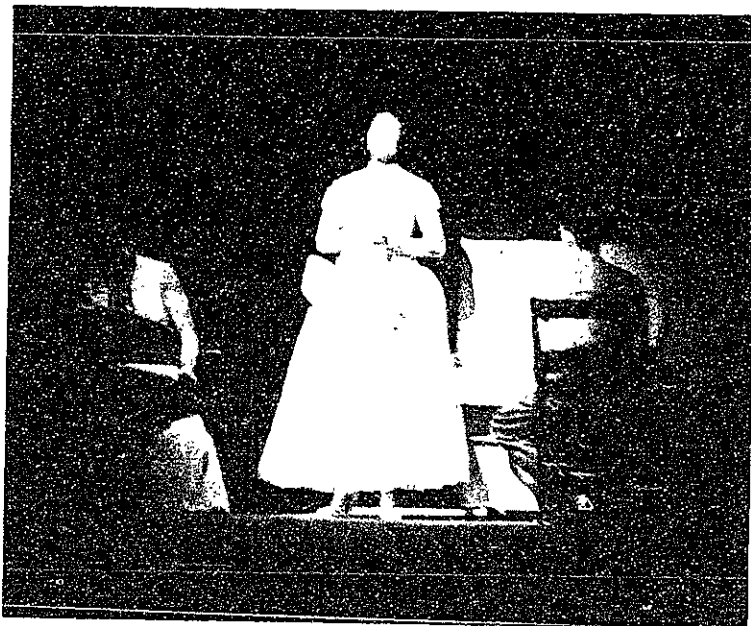
Carol Behrens, who is Scheherazade in "Djinn and Bitters", has appeared in Tech Shows '54 and '55 as well. A veteran performer, Carol also works with the Hyannis Music Circus.



A scene before the Bagdad backdrop, with the principals in the foreground.



Jack Rosenfeld, leading man in the show, and Gus Solomons, a veteran of several local theatre groups, in a dance number.



"Djinn and Bitters", this year's Tech Show, has the Arabian Nights as its theme, and magic as its plot. Here Maureen Taylor, a Boston University co-ed, sings the show's theme song.

**An Audience Of Friends**

Tech Show, from minstrel with interlocutor to "Djinn with Bitters": what has it been and what is it today? From written and verbal history, here's the tale:

In the beginning the show had the same ingredients that it has now: a group of overworked Techmen who wanted something to do. For the first few years these ambitious promoters produced a program far different from recent Tech Shows as minstrels, variety shows, and even Gilbert and Sullivan came under the heading of "Annual MIT Musical." As these first students grew in experience, so did their efforts, and, despite its varied style, Tech Show (as it became officially known in the early nineteen hundreds) became tremendously popular—so popular, in fact, that by the late 'teens the Show was making enough money to afford professional assistance.

The Tech Shows of the late 'teens and early twenties grew into quite some affairs. With budgets in the range of twenty thousand dollars (as compared to five thousand for this year) and professional direction to boot, the "revues" became full-scale productions, replete with ballet and professional musicians. Only one aspect marred the scene: there were absolutely no girls. But the crowds flocked in. The "Tool" of those days decked himself out in dinner jacket et al to take his girl to the Tech Show, which was customarily produced in a downtown Boston theatre. When it went "on the road", the Tech Show company was greeted with fanfare and ceremony, and opening night at Smith was the social event of the season. Tech Show's General Manager was the biggest "B.M.O.C.", and the show itself, well-financed and highly polished, was at a peak of popularity.

And then, as with so many theatrical ventures, the pretty, popular balloon burst, and spilled water on the spirits of most of its backers. Expenses, which rose close to the twenty-five thousand dollar mark in 1925, finally outstripped reserves, and, in one bad



In a duet, Carol Behrens, from Emerson, and Joan Icove, a student at Simmons; both are veterans of last year's Tech Show, "Tyde's Crossing".



Carol, Joan, and Nick Margulis (as Ludwig von Beethoven) in a comic bit.

**Ancestry Of Tech Show Reviewed; Past Includes Minstrel, Variety, Ballet**

year, the Show was in real financial difficulty. With its first acute loss of money, came a major loss of enthusiasm, and with it a lowered standard of performance.

The next few years saw the Show drop from its '25 peak and become instead a loosely-knit evening of skits. The Tech Show of the late twenties and thirties was a poorly organized student-run operation, often thrown together at the last minute; it probably resembled more closely our present-day All-Tech Sing, and unfortunately, was considerably lower in quality. Finally, in 1938, the activity which had begun as a simple minstrel, risen to a fashionable social event, and returned to a topical review, vanished from sight altogether, not to return until after the war.

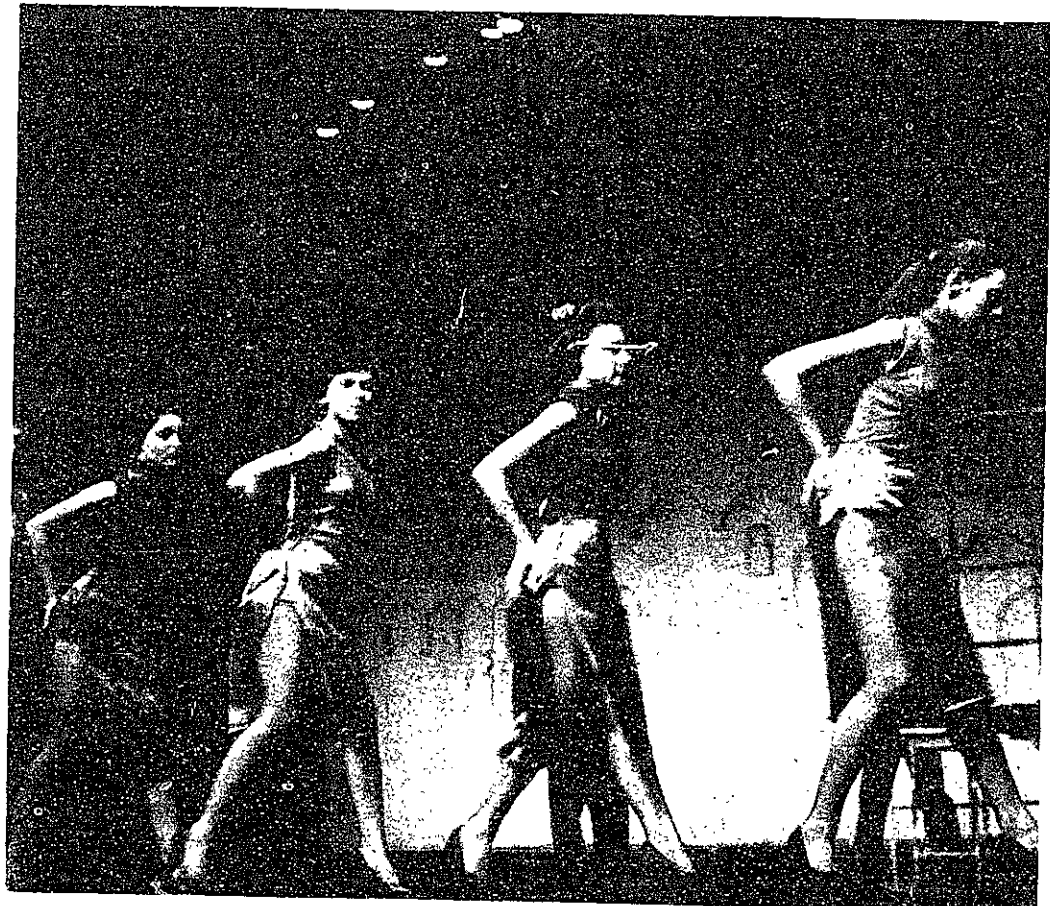
But the thread of interest was maintained in Bill Green, a professor in the Humanities Department. Prof. Green had seen the evolution of Tech Show since his arrival in 1925 and was still here when a student named Bob Hildebrand "got the bug" to bring back Tech Show. This was in 1947, and the ideas which Hildebrand inaugurated bring us quickly through the past ten years.

It is on the basis of not a particularly new set of principles that the Tech Shows since '47 have operated. Thanks to constantly recurring active leadership, Tech Show has been able to make good use of those principles and is now student produced, student directed, and student performed—but with a completely new, completely original show each year. Tech Show is a real show this time, with everything fresh and crisp in its Broadway-style production!

The idea clicked. From what must have been pretty tough going in '47, Tech Show has risen at least part way back up the hill. Via John Hancock Hall, Peabody Playhouse, and anywhere else they could find to stage their work, the leaders of Tech Shows '47 to '55 brought back to the Techmen the thrill of an opening night and the fun and frustration of large-scale theatre. Finally, last year the Show came home to Kresge Auditorium where it again resides in '56.

The formula has worked, and evidently

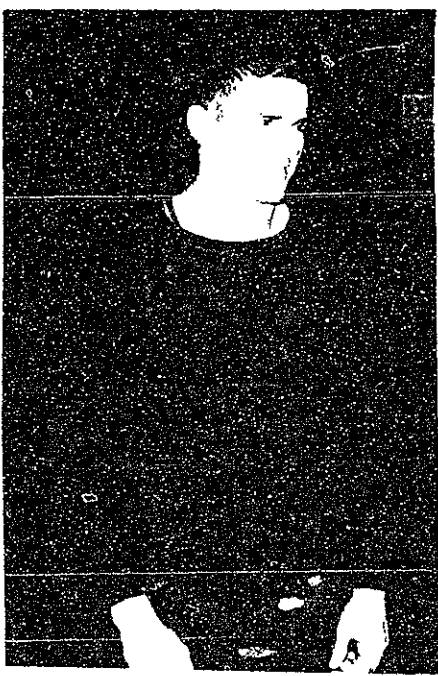
with at least some measure of success, for although its representative rarely attends Inscomm meetings, "Class "A" Activity Tech Show has sort of "just growed". The magic of opening night at Kresge, whether in the dressing room or out in the house, is still there and growing with every new year and every new Show. Whether it will ever again become what it was in the twenties, and whether it should try, are questions that those who produce it and those who see it should decide for themselves. It is rumored that somebody wants to take it to Smith this spring. Wherever it goes whatever its score and script may be, Tech Show has one advantage many Broadway angels would pay well for: it has an audience of friends.



Jack also has done the choreography for the show, having appeared as a dancer in the past three years.

**athlete of the week**

A good portion of Tech's hopes in this year's New England Intercollegiate Wrestling Associations Championships, to be held today and tomorrow in Rockwell Cage, will rest with John Mark Hirschi '56, Athlete of the Week. As a Freshman, John placed second in the 147 pound class, and the following year he copped third in the varsity competition of this same weight class. John got a little heavier during the following year and was forced to move up to the 157 pound class. He was still a member of the top ranks in New England competition, and took fourth in this division last year. John is a good bet to cop top honors in this year's competition. Coach James Malloney has already made arrangement with the Athletic Association to send John to the Nationals, if he places high in the local competition.



JOHN HIRSCHI

John, who is 21, was born in Wichita Falls, Texas and grew up on his father's ranch. He was active in High School Athletics, receiving a varsity letter in basketball his last three years there.

He began the Institute in course 12-b, but has recently transferred to course 9. John plans to take a joint graduate program at both MIT and Harvard where he will get training in both business and diplomacy. He hopes to make his career working for the government's diplomatic service.

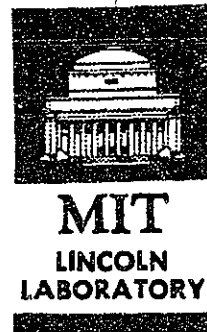
Besides wrestling John has been quite active in the MIT community. His first year here he was a member

of both the Field Day Football and Freshman track teams. In recognition of his athletic participation he was selected as a member of the Quadrangle Club. As a junior he served as Treasurer of Beaver Key. As a member of Beta Theta Pi he has served as athletic chairman, rushing chairman, and president. John has been active in just about all intramurals offered at Tech.

Although he never wrestled until he came here, John has only been pinned once in 4 years of collegiate competition. Coach Malloney says that John, as captain, has done a more than adequate job in leading the team through their victorious season.

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# Hockey Team Bows To Tufts 8-5 In Last Home Game Of Season

The MIT hockey team closed out the home version of the 1955-56 season with one of their most exciting games of the year as they bowed to Tufts last Wednesday night. A hectic third period that almost broke into a pugfest and terminated with three goals in 41 seconds highlighted a game in which the cardinal and grey fell behind early in the first period and could never quite catch up. Captain John Sullivan '56 made his last appearance at Tech a success by pulling his second hat trick in three games. Goalie Sandy Aitken '56 wasn't as lucky as he was forced to retire after the first period due to a high temperature.

Tufts started out with a bang scoring twice in the first five minutes as Tech was a little slow getting back in defense. A short time past the midway mark of the period, Sullivan came all alone and was stopped by a nice save by Dave Wilson, Tufts goalie. A half minute later Sully took a pass from Tom Buffet '57 and Bev Goodison '57 and delayed beautifully before taking out Wilson and scoring cleanly. With Dick McCabe in the nets Tufts got a fast start again, as Whitey Hamilton, last year's leading scorer in the country hit the twines at 0:15. Hamilton set up the second goal, drawing McCabe out and leaving an empty net for Tom Nolan. At 6:21 Goodison lifted one into the upper corner of the nets to make it 4-2. Hamilton scored again at 11:54 and Charley Cinto got the sixth Tufts goal at 16:42. The game three men figured in Tech's third goal with Sullivan getting the score at 17:21.

The third period went along calmly for 14 minutes before Nolan got his second goal of the night. Then the checking got hard and both sides held back little in their fight for the puck.

Two closely timed penalties to the Blue and Gold gave Tech a big advantage, and Paul Ronty, coaching for the night, took out McCabe to give the Beavers a six to three advantage. The strategy paid off as Paul Ekberg fired one right through the goalie, but backfired 22 seconds later when a Tufts defenseman lifted a puck from his own blue line into the empty Tech nets. Finally after another near battle Sullivan scored unassisted to end the night's action.

## Yearling Hoopsters Whip Tufts' Quintet

Larry Roger's frosh basketeers climaxed this season's play with a victory over the Tufts' yearling five. The 59'ers scored 54 points in this match, while Tufts dropped 46 points through the hoops.

Bob Horenburg and Phil Lille, both from Tufts, were the game's high scorers with 14 points each. Tech's Dave Garelich and Joe McGinty both hit the boards for 13 points in this final match.

The MIT frosh five looked like real hustlers in this meet. Dave Garelich, the center, was particularly instrumental in the victory. Garelich helped the yearlings by making 5 out of 7 foul shots. Joe McGinty made 3 fouls, having tried for 7.

Tech's freshman basketeers had a 3-7 record this season against some really formidable competition. The '59 hoopsters lost to Huntington in their first match, whipped Exeter, and took the JV quintet. They fell to the Harvard five, dropped to Dean, lost at the hands of Northeastern University, and dropped their game with Wesleyan.

# Nine Schools Will Compete In Annual New England Wrestling Championships To Be Decided At Tech This Weekend

This afternoon over 130 wrestlers from nine New England schools will participate in the twenty-seventh annual NEIWA championships. They will be competing for sixteen varsity and freshman gold medals and the Rockwell Cup, emblematic of the team championship. Donated by Dr. John Rockwell, longtime patron of athletics at MIT, the trophy has resided for the last five years in the trophy case at Springfield College. It was won for the first time in 1947 by MIT when the championships were resumed after the war.

The Springfield dynamo that captured the title last season with four firsts, two seconds and a third was depleted by graduation, although they still have two defending champions. Most of the dual meets in the league have been won by less than a five point margin and no one team can be picked for a probable first place.

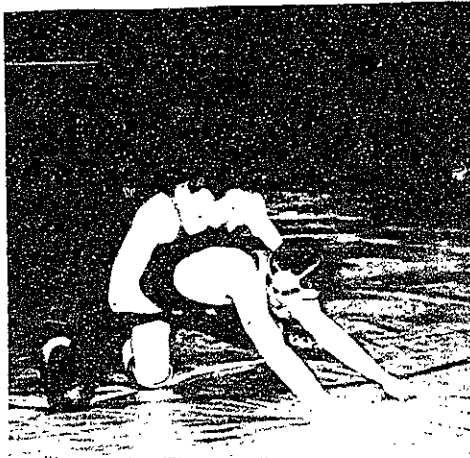
The top teams are Amherst, who defeated Springfield last December; the Big Maroon themselves, who still have a strong squad; and Wesleyan, second last year and winner of the last two freshman titles. MIT cannot be excluded from the list, having only lost one meet in the conference. The home atmosphere of Rockwell Cage will also contribute to the engineers chances of winning the title as they have yet to lose on the red and grey mats.

The individual competition should be even hotter than the team competition. Eighteen place winners, three of them champions, are returning to compete in the eight classes.

At 123 pounds are Amerantes of Springfield, NEI winner and third in the NCAA's last year, and Danielson of Amherst who has beaten him this season. Bob Boese '58 represents Tech in this class and is capable of an upset. Undefeated Butler from Tufts will be the principle contender for the 130 pound crown. To give him a good fight are Fricke, Wesleyan and Ray Orler '58 of MIT.

The 137's feature the returning champion and the second place man he edged out by a point. Defending titleist Alissi of Springfield and Grammentine of WesU. will probably meet again in the finals tomorrow afternoon. Top men in the perennially tough 147 pound class are Engineer Harris Hyman '58 and Bob Thompson, 1955 freshman champion from Amherst College.

Beaver captain John Hirschi '56 and Ken Davies of Wesleyan will be the 157 pounders to beat. Davies beat



Hirschi in a close match during the dual meet but John could win just as easily this weekend.

Davies' twin brother George is undefeated at 167 pounds but he has been out part of the season with injuries. Higgs from Tufts could give him a battle. The 177 pound class is wide open to any one good enough to

come out on top. Springfield, Amherst, Coast Guard, BU, Tufts and Tech all have men that could win. Tony Vertin '57 will wrestle for the cardinal and grey and could come through in this class.

The Heavyweights feature the defending champ Patten of Amherst, the runner up, Rivers of Springfield, and Don Derham, a sophomore from Coast Guard who has beaten them both.

This season MIT has been ably coached by Jim Maloney and Lebanon grad Adman Haddad to their best record in years. With the teams in the association as balanced as they are, Tech may earn enough points to place them high in the standings. Last year they were able to do no better than sixth but with the tournament at home they should make a good showing.

Dr. Stella's freshmen have failed to win a dual meet this season but will be sending some outstanding men into the tournament. Damon Cummings, Bob Blum, John Linderman, and Bob Couch at 130, 37, 47 and 57 should pick up several places for MIT's 59'ers.

## Swimmers Lose To Brown 51-33; Split Second Finishes Decide Meet

Pushing the Brown natators to two of their own school records, and turning in a generally good set of times for themselves the MIT tankmen again were on the wrong side of the close finishes and lost to the Brownmen 33 to 51 this Wednesday night at the alumni pool.

Brown won the opening medley relay as Al Hortmann '58, Paul Cotter '57, and Will Veeck '58 of Tech turned in fine performances in their own right. In the 220 Murray Kohlman '58 was able to stay up with Fogelson for the first five laps, but then Fogelson opened up a two body lead which Kohlman was unable to close. Fogelson won in a 2:22.6 and Kohlman finished in a 2:28.2. Les Orloff '57 of Tech finished third in a 2:39.2. The 50 was one of the closest seen at Tech in a long time, with only 4 seconds separating first and third place. Through the myriad of splash at the finish Martin of Brown was caught in a 25.0 for first, while Will Veeck was awarded third with a 25.4.

In the 150 individual medley Harry Duane '57 fell 2 body lengths behind on the breaststroke leg and was unable to close the gap; he finished second with a 1:43.8. The diving went

to Randazzo of Brown who tallied 70.58 points as Dave Bryson '57 picked up three of Tech's points at second. The 100 free, as the 50, was nip and tuck all the way; Will Veeck of Tech ended up second with a 56.0 behind 55.5 for Levin of Brown.

The Backstroke was slated as the event to watch, and the forecasters could pat themselves on the back when this one was over. Al Johnson '58 and Al Hortmann '58 finishing one and two respectively since the first meet of the year, Bowdoin, faced two of the top backstrokers in New England, Chapman and Whitman. For the first six laps Chapman, Johnson and Whitman were matched practically stroke for stroke, with Hortmann slightly behind. On the last two laps Chapman pulled slightly ahead ending with a 2:21.1 a new Brown record, while Johnson and Whitman finished in practically a dead heat, the second place award going to Whitman. Johnson was clocked at a 2:23.9. MIT copped their first win of the meet as Murray Kohlman won the 440 in 5:36.0. Sam McIntosh '57 of Tech finished second in a 6:23. In the last individual event of the meet, the breaststroke, Captain Freddy White '56 took second in 2:48.6.

Tech picked up the final 7 points as Dave Staples '57, Les Orloff '57, Bob Hull '57, and Carter Smith '58 walked away with the final relay. This Saturday the MIT natators meet WPI for their final meet of the season.

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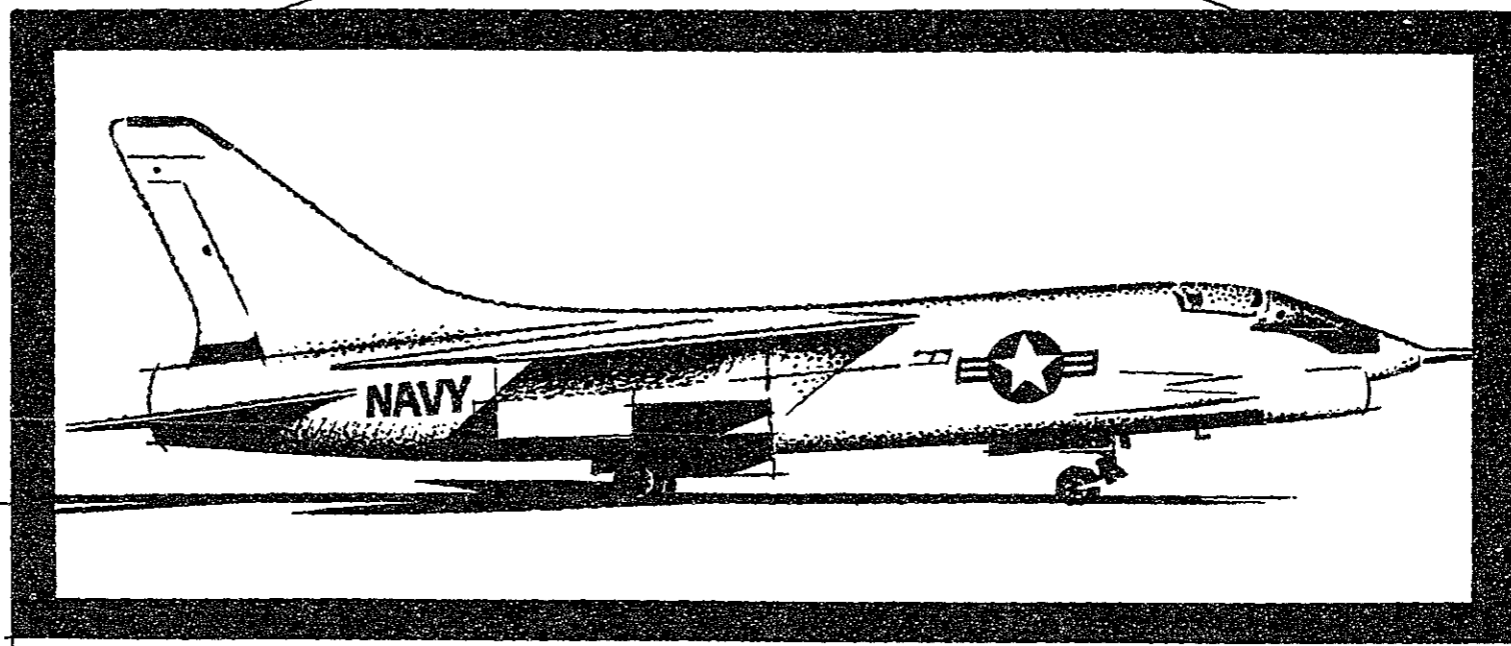
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