

Ford Foundation Gives 9 Million Gift to Revise Engineering Curricula

The MIT school of Engineering received a \$9,275,000 share of a \$19 million grant to ten engineering schools, announced Tuesday by the Ford Foundation "for the advancement of engineering education".

Cal Tech, with \$3.2 million, Carnegie Tech, with \$2.5 million, UCLA, with \$1.2 million, U. of Michigan, with \$1.25 million, and Case Institute, with \$1 million, were the other major recipients.

This grant will change curricula within two years; within five years whole new courses will be in the catalogue. Dean Gordon S. Brown said "These advances we (will) accomplish in a mere five years or so are about what we have accomplished by slow evolution in the past fifty years."

Provisions of Grant

Specifically, the Ford Foundation's grant will be as follows:

\$3.5 million to endow seven professorships in new fields of engineering.

\$3 million to evolve new syntheses of courses to couple the basic sciences with the new fields of engineering and to introduce the student to the 'hard-headed' purposefulness of engineering."

\$1.5 million for the development of new instructional laboratories to illustrate fundamental concepts and to develop skill experimental learning with new kinds of laboratory apparatus.

\$1 million for post-doctoral teaching internships and

research fellowships for men who expect to become professors.

\$150,000 for fellowships and loans for graduate students from industry as well as colleges who desire doctoral degrees in engineering with the expectation of becoming professors.

\$125,000 for faculty development, to be used for such purposes as extending the education of promising young faculty members, bringing distinguished engineers to MIT as visiting professors, exchanging professors with other colleges and conducting conferences on educational problems.

The program is under the direction of the Dean of the Engineering School, Dr. Brown. Dean Brown was Head of the Department of Electrical Engineering prior to July, 1959, and there attempted to accomplish in a small scale some of the changes that the Ford Foundation will cause in all the MIT engineering curricula.

Dean Brown expressed, "Technology today is developing so swiftly that it is difficult for traditionally trained engineers to keep up with it. We must do more than keep up. We must produce engineers who are so versatile and so well equipped to exploit science that they themselves can be the instigators of change. We must educate engineers who by their ability can shape modern scientific knowledge into useful new forms and who will be the revolutionists in tomorrow's revolution in technology."

Dean Brown added that the only way to do this was to turn teaching farther from training "custodians of tech-

Class of '63 Elects Helmsmen Johnson Chosen Frosh President

Thirty-five Freshmen section leaders elected Bob Johnson of Phi Delta Theta fraternity the President of the Class of 1963 on the first ballot. Jim Gustafson of Sigma Nu will officiate as Vice President and Bill Wright of Burton House is the new Frosh Secretary-Treasurer.

Gustafson was elected on the second, and Wright on the third ballots. Prior to the elections, a preliminary caucus to discuss the candidates' qualifications was held in Pritchett Lounge. The dormitory representatives and several

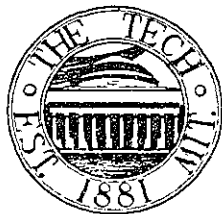


fraternities were present. The meeting was adjourned 45 minutes before elections with general feeling spurning any attempt to form blocs of votes.

First and foremost among the duties of the newly-elected officers will be that of organizing the class for Field Day activities. President Johnson stated, "Our primary goal is to win Field Day, then the Council shall work to establish a sound financial basis for the Class of '63."

Ode by Bill Green—See Page 3

The Tech



NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXIX No. 34 CAMBRIDGE, MASSACHUSETTS, FRIDAY, OCTOBER 23, 1959 5 Cents

JP Overflows Into Georgian Room 720 Options Sold at Final Count

In a transaction completed Monday afternoon, the Junior Prom Committee obtained the Georgian Room of the Hotel Statler for use as additional space of prom-goers. This room, separate from the main ballroom, has a capacity of 150 couples.

This acquisition, followed by option sales to almost all on the option waiting list, has alleviated the problem caused by the committee's overselling of Junior Prom options.

Statement Issued

In answer to charges printed in the last issue of The Tech concerning "under the table" sales of options to fraternity men by committee members, the committee issued a statement Wednesday night. The full text of this statement will be found on this page.

The Institute Committee Judicial Committee questioned the JP organizers in closed sessions this past Tuesday and Wednesday to gather facts about the alleged violations involved in private sales to several fraternities.

Confident of Extra Space

The letter to this newspaper, justifying the actions of the committee, explained that on Wednesday night, October 14, when the questioned sales of options took place the committee felt confident that the Georgian Room could be used.

However, this room was booked for a Statler Employees party the night of JP. A representative of the hotel who is dealing with the MIT JP said that on

Friday, October 16th, when he was contacted by a committee member who said that the room was desperately needed, he could give no definite answer on the room's availability. He said he told the committee member "I can't do it for you now, but I'll do my best". It was not until sometime this past Monday that management of the hotel finally made the decision to delay the planned party and give MIT the room.

Good Customers

The management's final decision was partly based on the fact that MIT had been good customers of the hotel for JP for a number of years.

Explaining why they had sold more options than they had space before the contract for the Georgian Room was signed, Hank Schleinitz, '61, said, "We sold 600 options when there was space for only 574 couples Friday night for two reasons; in the last two years about 40 options have not been redeemed and we could have increased our seating capacity by 6 couples. Therefore we felt confident we could

(Continued on page 4)

Another M.I.T. Service

In order to allow Freshmen and Sophomores to get an extra hour's sleep before J. P. Weekend, MIT is pleased to announce that on Sunday, October 25, at 2 A.M., clocks may be turned back one hour by those who wish to resume Eastern Standard Time. This also allows students a much-needed extra hour to prepare assignments.

— The Junior Prom Committee

Welch Still in as EC President

EC OK's DormCon Constitution

In a tense meeting attended by well over seventy persons, the East Campus House Committee voted to approve the proposed Dormitory Council Constitution. Terry Welch, EC President, and strongly opposed to the Constitution, made an opening statement of his views and then opened the floor to discussion. Chief spokesman for the supporters of the new system was Gene Zoba, '59. The main point of contention was Welch's claim that Dormcon was to be hopelessly weakened, and Zoba's statement that Dormcon has always been ineffectual and that no Constitutional change could put strength into it. There was discussion over what was purported to be an Institute philosophy of autonomy within overall groups, versus the need for a strong spokesman for the dormitories, and for a supervisory group to keep the individual House Committees in bounds. On a roll call vote, the motion to accept the Constitution carried 10 to 5 with 1 abstention. Welch reiterated later that he thought it a bad Constitution.

The meeting was abruptly adjourned shortly thereafter preventing an expected vote of confidence on Welch's Presidency. To the surprise of most spectators, and to the relief of certain members of the House Committee, this matter has been postponed until the next meeting, when it is fairly certain of debate. The meeting is tentatively scheduled for Wednesday night.

The Institute Committee was scheduled to vote on the Dormcon Constitution last night. As we go to press it is not known how the issue was decided.

H.C. Cox Scheduled by IAS

To Speak on Titan ICBM

Oct. 27

Members of the Institute of the Aeronautical Sciences and any persons interested will be able to hear Dr. H. C. Cox of the Martin Company of Denver, Colorado, speak on the subject of the Titan ICBM, which his company is developing for the U. S. Air Force. Dr. Cox's topic will be the main subject of the October meeting of the student branch I.A.S. at MIT.

A short business meeting will be held for those who would like to obtain membership in I.A.S. at 4:30 P.M. on Tuesday, October 27th, in Room 35-225.

JP, Senior Week Comm.

To Be Elected Nov. 17

Jerry Stack, '61, elections chairman of the Secretariat, has announced that Tuesday, November 17, will be the election day for next year's Junior Prom and Senior Week Committees.

Nomination petitions for members of the classes of '60 and '62 interested in running will be available in Litchfield next Tuesday. To have his name on the ballot, a candidate must file a petition with the Secretariat with the signatures of 10% of their class by Friday, November 6.

JP Committee Replies to "Malicious Editorial"

On Tuesday, October 20, The Tech printed a malicious editorial and cartoon about the dealings of the Junior Prom Committee. The paper's misrepresentation of the facts and failure to report the entire situation has called forth this statement from the Committee.

At the time the options went on sale we had in our possession a contract for the Grand Ballroom of the Statler Hotel, the largest ballroom in Boston. The capacity of this ballroom is 594 couples, and we expected 24 guests. However, in each of the past two years about 40 more options were sold than were redeemed for tickets, so we decided that 600 was a safe number of options to sell. If we sold 600 options and put 50 or more people on a waiting list, we had decided to obtain the Georgian Room in the Hotel Statler which would increase the capacity of the Prom to 720 couples excluding guests.

On the night of Wednesday, October 14, the Committee had sold over 400 options to people with Junior registration cards. Each card had been marked at the time of the purchase so that it could not be used again. The social chairmen of all the dormitories were informed of the option situation. Several fraternities who were planning to make Junior Prom a house weekend feared that they would not be able to obtain tickets for the Prom and called on members of the Committee to plead for assistance. Some members of the Committee were familiar with the problems such functions give rise to and the planning they require. They made a decision prompted by the following reasoning.

A group has to be able to plan a long time in advance for such an affair.

If fewer than 600 options are sold in the long run, it makes no difference when they are sold.

If a few more than 600 options are requested, the Committee can crowd some extra couples into the Ballroom as was done last year.

If many more options are requested, the Committee can use the Georgian Room which will provide space for everyone who wishes to go to the Prom.

In line with this reasoning they decided to sell options to these fraternities in order that they might have extra time to plan for Junior Prom. At this time they also tried to contact Bill Hecht, Burton House Comm Secretary, who was the only man they knew that was organizing a group in the dormitories. They acted without the knowledge or approval of the rest of the Committee.

The six hundredth option was sold on Thursday morning, and by noon the waiting list reached 50. At this time the Committee contacted the Hotel Statler by phone and began arrangements to obtain the Georgian Room as planned. By Friday at noon the list had stretched to over 100, now including seniors and underclassmen as well as juniors, and the chairman of the Committee went to the Statler to make arrangements for the Georgian Room as last year's Committee had done when it became apparent that they would need more room. The contract was signed on Monday, October 19, and the first 120 people on the waiting list were called and told they could obtain their options in Building 10 on Tuesday. By Tuesday night most of these options were sold, but some people had decided not to buy options. Therefore the options they had placed on reserve were offered to the next people on the waiting list.

At this time it appears that everyone who wishes to go to the Junior Prom will be able to do so. This promises to be the largest Junior Prom that has ever been presented to the MIT community.

Ford in Your Future

With the new grant of nearly \$10 million from the Ford Foundation, MIT takes a new step forward in its leadership in the fields of engineering and engineering science. Under the control of Dean Brown, the School of Engineering is expected to expand its program from the training of engineering technicians, still practiced in many engineering schools, to the frontiers of the new engineering, with a firm grounding in the basic sciences. With the rapid growth of engineering technology, in which old techniques are continually becoming obsolete, the effects of this change upon the concept of the engineer are incalculable. Too often the engineer becomes old-fashioned, refusing to accept any new ideas which have developed from the time he left college, and becomes, incredibly enough, an actual barrier to progress.

It is not surprising that the Ford Foundation, with a long record of philanthropy in the advancement of education, should be the sponsor of this far-reaching enterprise. We greet this gift with a great deal of gratitude, anticipating the day, some ten or even five years hence, when we shall not be able to recognize the curriculum of the engineering school.

JP Irresponsibility: An Attempt to Justify Ends

The Junior Prom Committee has come out with a nice little statement. Since everything looks as if it will come out all right, due to the acquisition of the Georgian Room, the committee has explained away its actions by the optimism of the final result.

But the basic facts of the situation, which, incidentally, were reported with 100% accuracy, can never be changed. The actions of certain members of this committee cannot be justified by the final result, as the statement implies.

Two members of the Junior Prom Committee, Hank Schleinitz and John Disbrow, did personally sell options outside of Building 10 on Wednesday night. At least one other member of the committee, Peter Burleson and probably several more, carried home options to their own fraternities. Options were sold by members of this Junior Prom Committee in a way that can be classed only as illegitimate and alien to the arrangements for fair and equitable distribution of options. Those who arrived at the booth on the days following the Wednesday night sales, complying with the committee's instructions, did not have a fair chance; and this was directly due to the lack of judgment shown by the offending members of the Junior Prom Committee.

Whether these actions were indicative of a conscious intent to give any living group a "raw deal" will never be known; but little thought was needed to realize that this would be the effect. The actions can be classed only as completely lacking in judgment. It is this lack of judgment which our editorial and cartoon deplored. Our condemnation of the committee for what must be classed as serious mishandling is anything but "malicious", as the statement branded it, without amplification.

If the committee was really as certain about the Georgian Room as their statement implies ("If we sold 600 options and put 50 or more on the waiting list, we had decided to obtain the Georgian Room . . .") then this, too, adds to the criticism we must level at the committee's judgment. As of last Friday afternoon, the hotel was able to give them no answer: not until this Monday was the room obtained. There was no reason for confidence here, by any means. It is certainly not an intelligent way to transact business.

The "after the fact" rationalizations and explanations of how well everything has turned out can in no way indicate the actions of the committee members who acted in such poor faith to their responsibilities. The printed statement does not realistically justify the faulty actions; in fact, no explanation of the facts presented in this newspaper could ever be adequate justification. The only sincere move for the committee as a whole, or the members who erred individually, to make was to apologize for their actions.

In no other way could these members of the Junior Prom Committee retain either their personal integrity or the full respect of their fellow students. In this, the most critical measure of a person, have these student leaders failed. We can only be disillusioned and disappointed.

Neither now, nor ever, will the ends justify the means.

Letters

Scientists Slaughter Culture

TO THE EDITOR:

Last Saturday night I made the unfortunate mistake of attending the MIT Community Players' presentation of *The Glass Menagerie*. The production, I thought, was

good. The attitude and behavior of the audience was appalling. The men of the MIT team of scientists and engineers, out for an evening of color, culture, and, hopefully, dirt, managed to find something very amusing about the pathetic situation and characters of Tennessee Williams' play. Their dates, apparently still a little tipsy from before-dinner cocktails, were worse. The completely inappropriate and infantile giggling of most of the audience not only ruined the play for those who might have enjoyed it, but must have dampened considerably the enthusiasm of the cast. It seems to me that anyone who is overcome by laughter after hearing the word "cathouse" could spend his time more profitably watching a Jerry Lewis movie. If this is an indication of the maturity and intellectual attainment of tomorrow's scientists and engineers, who, we are told, will inherit the earth, I'm afraid 1984 will arrive — right on time.

— Richard L. Meehan, '61

TO THE EDITOR OF "The Tech"

In reference to your October 20, 1959 editorial, "Sheltering the Greeks," the IFC must agree wholeheartedly with your statement: "The Inter-Fraternity Conference has a perfect right to handle its own judicial matters and, if they choose, to keep the penalties private."

Further comment on the question would be redundant.

Joseph A. Verderber, Chairman
Inter-Fraternity Conference

Mr. Verderber, it seems, has either missed the point of our editorial or has chosen to bypass it. Again, we agree that IFC has the right to keep its penalties private; however, we do not think this is a wise practice. The fraternities have a responsibility to the MIT community and there is no reason why their errors of judgment and fraudulent actions should not be opened for general analysis and criticism. If the IFC has made the decision to bare none of its member's misdeeds to the undergraduates, as Mr. Verderber implies in this cursory note, we can only say that this protection is unwarranted and unneeded and therefore that the decision is unrealistic and unwise. More positively, it is high time for consideration of this basic question. Fraternity autonomy means that each house may act independently but does not imply that errors in judgment and integrity will be covered up and never be made known to the rest of the MIT student body.

— Ed.

cherchez la femme

The girls won't give up; they're still having mixers and want to meet more college men. Raddliffe is the only girl's school which is not participating in "open" mixers; their jolly-ups are strictly by invitation only this year.

The annual Simmons upperclass acquaintance dance will be held in the near future at Alumnae Hall just off Brook-

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line Avenue. Word has it that the Simmons Social Committee goofed again. had scheduled this mixer for JP weekend. If you're planning to take a Wellesley girl to JP, ask her soon, for November seventh is also Harvard-Princeton weekend, and the Orange and Black is quite popular at Wellesley. Don't try to in any bars this weekend; Dartmouth's in town!

If you have nothing special planned for Friday evening, why not drop on to Zero Marlborough Street for the Katherine Gibbs' school is having another mixer. Although their last mixer was rather crowded, the girls are certainly worth the competition. The mixer begins at eight thirty, but it would be worth to arrive earlier.

Yes, you guessed it. Endicott Junior College is having another mixer this Friday. Although dating at Beverly is an inconvenience without a car, many Techmen have been frequenting this school in the past weeks. This is Endicott's fourth mixer of the season and they intend to plan more.

An interesting article concerning college men at mixers was seen on dormitory bulletin board at Smith College last weekend. This facetious article had men at mixers stereotyped according to the style of tie that they wore. For instance, a man who wears a printed challis tie with a small neat knot drinks nothing but martinis and scotch and usually spends the evening playing "Do you know. . . ." A man who wears a large knotted silk or challis tie is usually a superior student and quite methodical except in his manner of dress. Girls really like fellows who wear tweedy and plain ties, for they feel that these men are more genuine than others. Finally, all Smith girls seem to agree that a woman can expect anything from a college man who wears a bow tie.

All you fraternity men, don't forget the SAE sailor party this Saturday.



"THE WORM TURNS"

Shakespeare said it this way: "The smallest worm will turn, being trodden on." But Miguel de Cervantes beat him to it in "Don Quixote", Part II, Book 3: "Even a worm when trod upon, will turn again."



"MUSIC HAS CHARMS"

The 17th Century playwright, William Congreve, was the first to set down this classic metaphor concerning the powers of sound and rhythm. You'll find the whole quote in "The Mourning Bride", Act I, Sc. 1:

"Music hath charms to soothe the savage breast, To soften rocks, or bend a knotted oak."



"RHYME OR REASON"

Edmund Spenser, 16th Century poet, expected a pension. He didn't get it. So he wrote this rhyme: "I was promised on a time/To have reason for my rhyme;/From that time unto this season,/I received nor rhyme nor reason."



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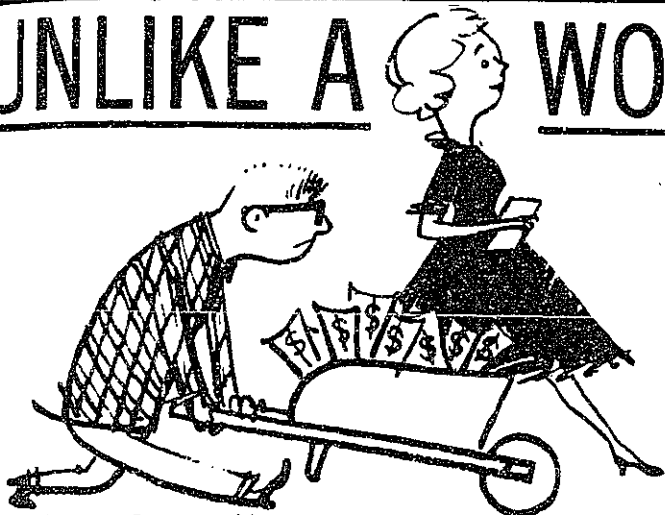
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Ode

by Prof. W. C. Greene

Here it is, Kids! Peel your sophisticated eye and dig!
 The new look, the forward look.
 Tomorrow! It's arrived!
 Out of the pretty nearly everywhere
 It's flown in on the old honk airways,
 Spread its tail and stuck out its flat feet and
 skidded to a stop in this dirty basin of
 learning,
 Been plunked down in the Great Court with a dollar
 bill from Mama and five bucks from Dad and
 instructions about getting its laundry done.
 It's been marked "prime" by the brain-cutters at
 Princeton;
 Hands have been laid on it by Bat Thresher, Herb
 Pollack, and Brother Holzapple;
 Jay's smiled on it,
 Kay's smiled on it,
 Jack's smiled on it,
 Freddie's smiled on it,
 Julie's reached up and straightened its P.S. 219
 commencement tie.
 It's here! It's with us! They say it is breathing!
 It's been out to old Norm Dahl's house, cleaned up
 the cider, doughnuts, and peanut butter sandwiches,
 and not talked because it had reached its last syllable.
 It's guzzled two thin hamburgers in Walker, been
 drenched by a bursting bomb from Bemis,
 tried to read through a Bartok concert by
 a guy with a very high fi.
 It's had its chest X-ray, crept past the nose-trimmers,
 eye-probers, ear-tweakers and
 head-shrinkers, embraced the Thing, and
 murmured Ah! into a very small warm bottle.
 It's shuffled up the dust of all our yesterdays,
 and got it all over grandfather's cast-off
 sneakers.
 It's learned about life from Focus and thought
 deep thoughts looking at Ebony.
 It's bought its symbolic sword from Keuffel and
 Esser, plunked down Mama's buck for a Coop
 card, and decided tomorrow's shirt will never
 show the dirt anyhow.
 Here it is kids! Listen and you can hear the stars
 in its not-yet sky going Mica, mica, parva,
 stella.

Here it is, growing a little fuzz over its pimples
 and wondering whether to cut it to the
 Wiener style or the old Dutch style or the
 style of the Big Fisherman.
 Here it is! Dough for the baker,
 Clay to the potter, and wet concrete to Buildings
 and Power.
 What now, O my brethren, what now?
 What can we do to fit it for a capsule?
 Keep it from sinking into ten miles of dust on the
 Moon or plunging to the hilt into Mars —
 or Venus?
 Get it ready for those undeveloped countries by
 listening to the Club Latino jabber through
 lunch?
 Broaden its mind by reading *The Tech*?
 Exercise its creativity in 5.01?
 Fill its emotional life with an Acquaintance Dance?
 Or its spiritual life with the pink gas tank?
 Will it head a frontier at the feet of Dean Brown
 or learn brotherhood by talking to a night
 clerk in Monroe?
 Can it polish up its professional pride with Lestoil?
 Or its aesthetic sensitivity at the Tech Show?
 Where can it reach satori?
 Or know love with a thin-hipped beachchick from
 Simmons?
 Can it give its heart to 8.04?
 Feel the carisma of thermodynamics?
 Or get that old group dynamism by election to
 Dorm Con?
 It's here! It will be here!
 If it goes bad, Bill Speer will save it.
 It's here, pullulating, its little heart going
 plunk! plunk! plunk! plunk!
 It's tomorrow without tail fins
 1963 without a character
 2000 still in the womb of time.
 Well, O my brethren, here it is,
 Tomorrow and tomorrow and tomorrow, creeping along.
 Goose it into life or leave it
 A poor player, just like —
 Me and you.

— William C. Greene

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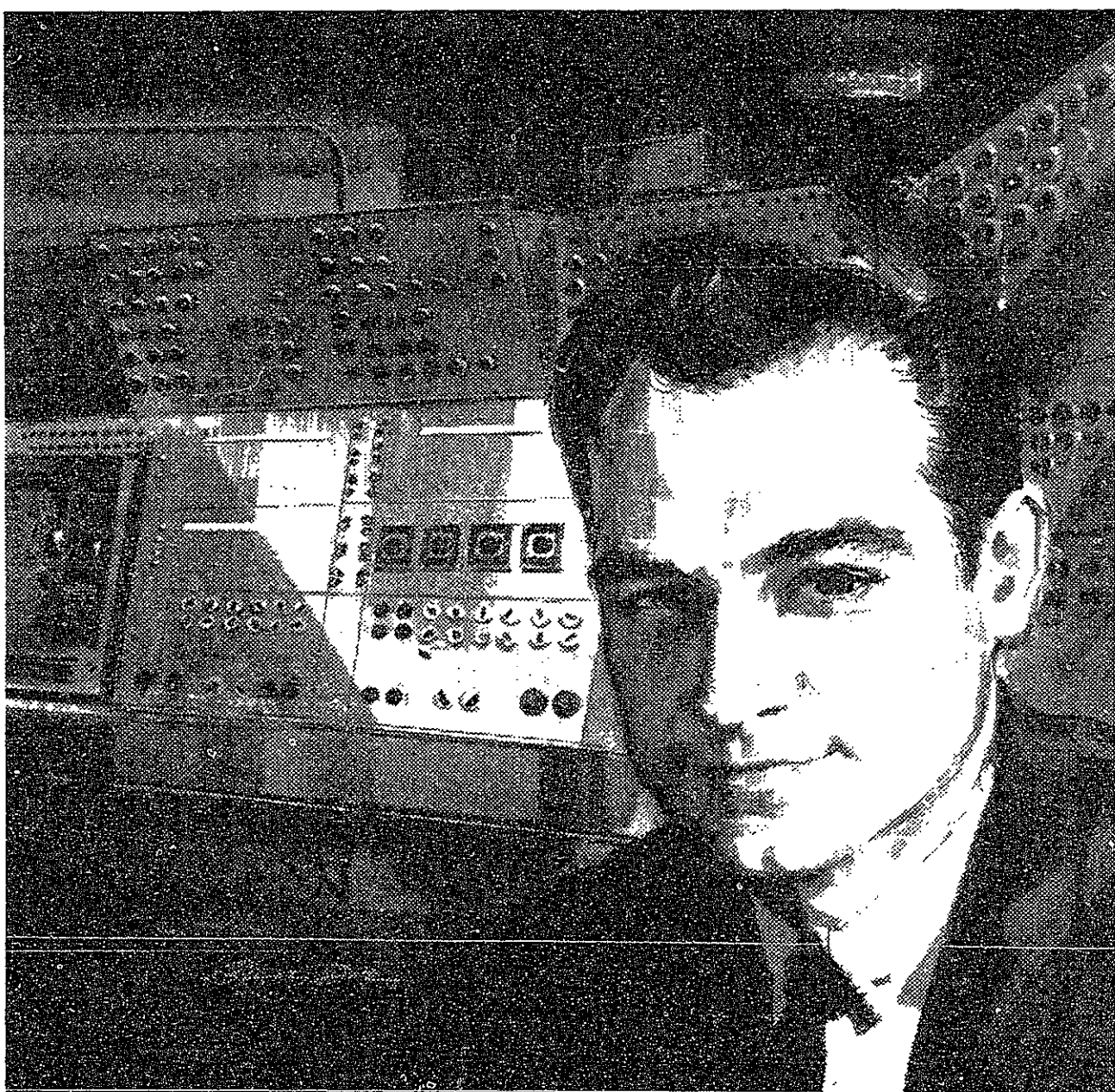
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Professor Gregory Tucker's "Kinhaven Suite" for orchestra and Randall Thompson's "Testament of Freedom" for band and men's chorus will be the featured works on the program of the Musical Clubs concert in Kresge Auditorium tomorrow evening at 8:30.

MIT's five Musical Clubs, the Brass Choir, Concert Band, Glee Club, Orchestra, and Techtonians will participate in the concert. The Brass Choir, directed by John Corley will open the program with two Renaissance works, "Sonata No. 1" by Pachelbel and "Providebam Dominum" by di Lasso. Mr. Corley will then conduct the Orchestra in Professor Tucker's "Kinhaven Suite."

Following an intermission the Glee Club, directed by Professor Klaus Liepmann, will perform six numbers ranging from Renaissance madrigals and motets to traditional chanteys and folksongs. The Techtonians, a concert jazz band, will then offer three jazz selections.

Kenneth Rahn, '62, will be trumpet soloist with the Concert Band in Clifton Williams' "Dramatic Essay." The Band's program will consist of excerpts from their television appearance on WGBH-TV last Tuesday evening.

Tom Lehrer, known throughout in college crowds across the country for his risqué digs at everything from cowboys to Dixie, will be at MIT on Tuesday evening, November 23. The Baton Society is bringing Mr. Lehrer to Kresge for a concert featuring songs from his forthcoming album. Seats are all reserved and will be \$1, \$1.50, and \$2.

Because of the expected demand for tickets to Lehrer's performance, Baton Society has announced the following ticket sales policy: Those living groups which have not yet done so may obtain block reservations by having their social chairman send a check to the MIT Baton Society in Room 301, Walker Memorial.

In addition to the block ticket orders, individual orders may similarly be placed by mailing a check to the Baton Society. After November 2, any remaining tickets will be sold in Building 10 and may be reserved by calling Kresge Auditorium, 2902.

Tickets ordered and paid for by mail may be picked up at the ticket booth in Building 10 after November 2, or at the box office on the night of the performance. Unpaid reservations will be held at the Kresge box office until 8:15 on November 23.

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Tickets: \$3 and \$2.20 at box office or by mail order.
For details about reduced rate concert series, call HU 2-1827.

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J.P. Committee Obtains Georgian Room



Hank Schleinitz, '61

Junior Class President and Chairman of the Junior Prom Committee

(Continued from page 1)

accommodate all those holding options who wanted Friday night tickets. Also we thought it likely from comments we heard that some people had thought they were purchasing options for Saturday and would not redeem them for tickets."

According to the letter written to The Tech some of the members of JP Committee after reasoning as above sold options to several fraternities without asking for Junior Registration cards Wednesday evening, October 14. This was before option

sales was opened to all students. In addition at least one member of the Committee picked up quite a few options and refused to tell if he had Junior registration cards for them or not.

Last Monday the Institute Judicial Committee met and decided to question the Junior Prom Committee about option sales. Tuesday and Wednesday the members of the Junior Prom Committee have appeared before the body.

Pat Coady, '60, Chairman of Judicial Committee announced that an open hearing is tentatively scheduled for the Vannover Bush Room at four P.M., Monday, October 26. All persons involved in the questioned sale of JP options will be summoned. Questions may be submitted through the Judicial Committee.

Now that the Georgian Room has been obtained the Junior Prom Committee says that most people who wish to go should be accommodated. There are now only about two dozen people on the waiting list and about 720 options have been sold or claimed.

The booth is still open to take the names of more people on its waiting list but the JP Committee says its main function now is to put those who wish to sell options into contact with those who are waiting to buy.

All options must be redeemed today by 5:00 P.M. If tickets are still available at 5:00 today, the Committee will call all those still on the waiting list and offer them the tickets. Those tickets remaining will be sold at the booth Monday, October 26.

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■ **EASTERN EUROPE ADVENTURE.** New route. Bulgaria, Roumania, new hiway through Southern Russia, Ukraine, Crimea, Moscow, White Russia, Czechoslovakia, Poland, Krakow, Dresden, Berlin, Germany, Austria.

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Injuries Hamper Varsity Booters

Bow to Harvard 2-1, in High Winds

With all scoring aided by high winds, a crippled MIT varsity soccer team was edged 2-1 by Harvard Tuesday afternoon. The victors, playing on their home field, tallied in the second and fourth periods, while the Beavers netted their lone goal in the third quarter, as each score came with the wind in the goaltender's face.

Last Saturday's victory over Middlebury was quite costly as two first string booters were lost for the Harvard game and possibly longer. Fullback and team captain, Fouad Malouf, '60, was out for almost the entire contest with an injured knee, and right wing Ernesto Macaya, '60, was hobbled by a sprained ankle. Macaya had scored against the Crimson for the past two years.

MIT failed to capitalize on the elements during the opening twenty minutes of the contest, although they had several good shots. The victors drew first blood when a corner kick was headed into the Engineer nets midway through the second quarter.

Penna Scores

Following the halftime intermission, the MIT varsity played their best of the game. Center forward "Manny" Penna, '60, evened matters when he dribbled around a Harvard fullback and booted the ball in from twenty yards out. Also during this third period, the Beavers narrowly missed taking the lead when shots by Cord Ohlenbush, '62 and Ken Evans-Lutterodt, '60, hit the goal post.

Five minutes after the opening of the final session, the home squad notched the winning goal during a melee in front of the Beaver nets.

Once again MIT goalie, Giorgio Emo, '62, made some miraculous saves. On both of Harvard's scoring boots he was screened and had no chance to block them. Beaver right halfback, Dale Rhee, '60, displayed outstanding hustle to spark the defense.

Tomorrow morning at 10:30, the varsity soccer team will meet comparatively weak Boston University on Briggs Field.

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Sunday
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Trophy at Princeton
Freshman Decagonal at MIT

LUCKY STRIKE presents

Dear Dr. Frood:

DR. FROOD'S MORAL OF THE MONTH

Most college students today do not know the meaning of the word "adversity." Those who do are just a handful of English majors.



Dr. Frood, Ph. T.T.

Dear Dr. Frood: How can I leave my husband without making him happy?
Prof's Spouse

Dear Prof's Spouse: Leave a note saying you'll be back.



Dear Dr. Frood: Our library is full of "no smoking" signs. When I want a Lucky, I have to go outside. Is this right?
Furious

Dear Furious: It's monstrous. But think of the poor souls who go outside only to smoke brand X or Y or Z.

Dear Dr. Frood: Boys are always whistling at me. Do you think my clothes are too snug?
Prudence

Dear Prudence: It's impossible to tell without a picture. Send one. Please.

DR. FROOD TELLS WHO HOLDS HIS CIGARETTE HOW



I have noticed that the solid, conservative type carries his cigarette between his first two fingers. The nonconformist carries it locked in the bend of his arm. The self-conscious type holds his lighted cigarette in his pocket. The most intelligent species of all carry Lucky Strike (usually between their lips).



Dear Dr. Frood: When raccoon coats swept the campus, I wore a polo coat. When the English bobby cape came in, I wore a raccoon coat. I'm always in last year's style. How come?
Dated

Dear Dated: This is an anxiety complex arising out of being a "late-diaper" baby.

Dear Dr. Frood: I am irrationally, incalculably, irrevocably in love with a girl on campus. How can I tell her?
Lovesick

Dear Lovesick: Use small words.

Dear Dr. Frood: When I listen to stupid people or read anything boring, I fall asleep. What can I do?
Superior

Dear Superior: Yours is an extremely difficult prob mfh zzz zzz zzz

COLLEGE STUDENTS SMOKE MORE LUCKIES THAN ANY OTHER REGULAR!

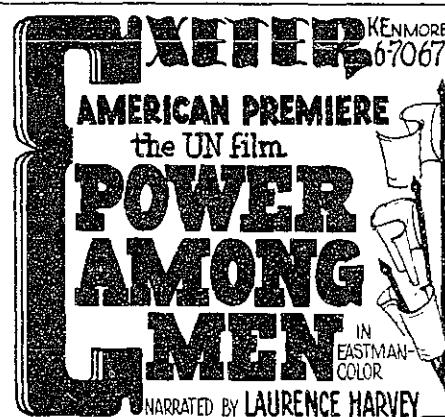
When it comes to choosing their regular smoke, college students head right for fine tobacco. Result: Lucky Strike tops every other regular sold. Lucky's taste beats all the rest because L.S./M.F.T.—Lucky Strike means fine tobacco:



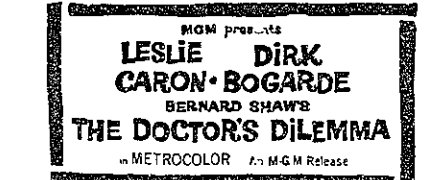
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FREE LECTURE
A free lecture on Christian Science will be given on Tuesday, October 27, at 8:00 P.M., in the Library Lounge of Hayden Memorial Library. The lecture will be given by Herbert E. Rieke of Indianapolis, Ind., whose subject will be: "The Power of Prayer Revealed Through Christian Science." All are welcome.



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WTBS Program Schedule

Friday
7:30-8:45 A.M. Rise & Shine
5:00 P.M. Caravan
6:00 Jazz
7:00 Fiesta
8:00 Baton Society
8:30 Campus News
8:50 News
9:00-2:00 Nite Owl
Saturday
5:00 P.M. Jazz
7:00 Show Music
8:50 News
9:00-2:00 Nite Owl
Sunday
4:00 P.M. Sunday Serenade
7:00 Folk Music
8:00 Jazz
8:50 News
9:00-1:00 Classical Music
Monday
7:30-8:45 A.M. Rise & Shine
5:00 Caravan
6:00 Jazz
7:00 Name Show
8:00 Potpourri
8:30 Campus News
8:50 News
9:00-1:00 Classical Music

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Bushleaguer

IM Gridders in Final Round

The last round of regular season intramural football competition will be played this weekend, and probably four more League titles will be won. Sigma Alpha Epsilon and Senior House II nailed down the championships in Leagues IV and VI respectively last weekend, and League I will most likely have to have a playoff between Delta Tau Delta and Delta Upsilon, who have identical 2-0-1 records. The Delts meet Sigma Phi Epsilon while the DU's face Grad House.



Pi Lambda Phi's ball carrier is chased by a pack of Sigma Alpha Epsilon defenders including John Maier, '59 (far left), in last Sunday's game.

First Place in League II will go to the winner of the Phi Gamma Delta — Phi Delta Theta game. This should be quite close, as both squads have whipped the others in their league by almost identical margins.

Beta Theta Pi is favored over Sigma Nu when they meet for League III honors.

Thrice victorious Lambda Chi Alpha has to win or tie against Senior House I to win League V. If they're upset, a three-way tie could result with Burton House and Senior House.

Pi Lambda Phi and Alpha Epsilon Pi will fight it out for the second spot in League IV, as each squad sports a one and one record.

Both Student House and Dover Club are unbeaten in League VII, but the latter has tied twice. They meet Sunday in a game whose outcome could cause a debate about league standing.

East Campus should nail down the flag in League VIII with a win over Phi Sigma Kappa.

LEAGUE STANDINGS

	Won	Lost	Tie
LEAGUE I			
Delta Tau Delta	2	0	1
Delta Upsilon	2	0	1
Sigma Phi Epsilon	2	1	0
Grad House	1	2	0
Delta Kappa Epsilon	0	4	0
LEAGUE II			
Phi Gamma Delta	3	0	0
Phi Delta Theta	3	0	0
Theta Chi	1	2	0
Tau Epsilon Phi	1	2	0
Alpha Tau Omega	0	4	0
LEAGUE III			
Beta Theta Pi	2	0	0
Sigma Nu	2	0	0
Sigma Alpha Mu	0	2	0
Sigma Chi	0	2	0
LEAGUE IV			
Sigma Alpha Epsilon	3	0	0
Pi Lambda Phi	1	1	0
Alpha Epsilon Pi	1	1	0
Phi Kappa Sigma	0	3	0
LEAGUE V			
Lambda Chi Alpha	3	0	0
Burton House	2	1	0
Senior House I	2	1	0
Kappa Sigma	0	2	1
Chi Phi	0	3	1
LEAGUE VI			
Senior House II	4	0	0

(Continued on page 7)

TECH RAILROAD CLUB

The MIT Railroaders' Association announces an organizational meeting on Wednesday, October 28, at 5:15 in Room I-147. Slides of western railroad steam locomotives will be shown after discussion of plans for future activities.

Never
too strong.

Never
too weak.

Always
just right!

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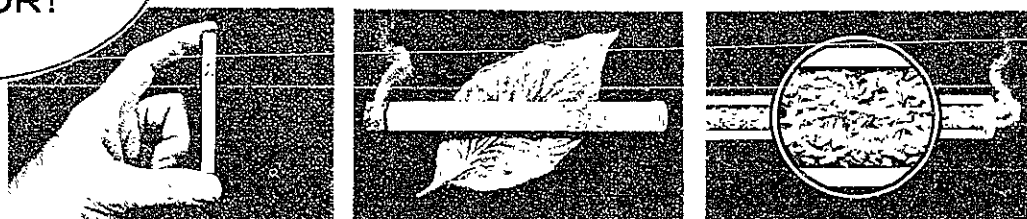
You can light either end!

Get satisfying flavor...so friendly to your taste!

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"FILTERED-OUT"
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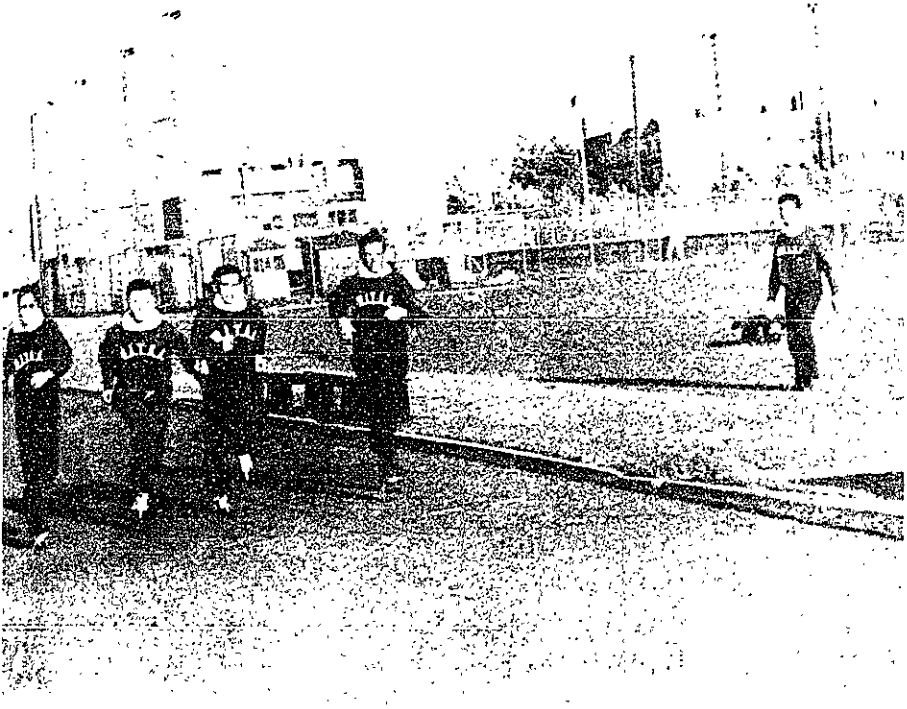


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Cross Country Squads Tune Up; Race NU, Coast Guard Tomorrow



Practicing for Saturday's competition against Northeastern University and Coast Guard Academy to be held at Groton, Connecticut are, left to right, varsity harriers Ed McCartney, '60 and Paul Robertson, '61, and frosh Pete Hierl and Roger Hinrichs.

Sailors Second to BU in Oberg; Third in Nevins Trophy Regatta

Last weekend saw a flurry of sailing activity as the MIT helmsmen turned in excellent performances in the Nevins Trophy Race and the Oberg Trophy Regatta.

The Nevins Trophy Race was held at the Kingsport Merchant Marine Academy on Little Neck Bay, Long Island Sound. Saturday's competition was spirited but on Sunday, spirits dampened as gusty winds up to 25 mph curtailed the race. Before the race was called, three boats had capsized and several had been damaged. None of the accidents happened to Beaver boats.

Pete Gray, '61 and crewman Bill Bails, '62, were the MIT entries in division A, while Don Nelsen, '61 and Dave Hoover, '63, entered in division B. When the two day meet was completed MIT stood third behind Princeton and Coast Guard out of a field of nine entrants.

Oberg Regatta

On the Charles last Sunday, MIT participated in the Oberg Trophy Regatta in weather that was clear with winds up to 25 mph. This did not deter the sharp Tech team, who, after three races, lead the field by one point. The final results put MIT second, three points behind BU.

The men skippering and acting as crews for the Beavers were: Division A, George Kirk, '60 and Thane Smith, '62; Division B, Jerry Milgram, '60 and Tom Nosak, '61; Division C, Gary Helmig, '62 and John McNeil, '63.

Sunday also saw an MIT freshman capture first place in the New England Freshman Individual Championships eliminations. Skippering the winning entry was Ken Klair who won in a walkaway. The finals in this competition will be held here on October 31.

BUSHLEAGUER
(Continued from page 6)

Theta Delta Chi	2	1	0
Phi Mu Delta	2	1	0
N.R.S.A.	0	3	0
Walker Student Staff	0	3	0

LEAGUE VII

Student House	3	0	0
Dover Club	1	0	2
Grad House Dining	2	2	0
Theta Xi	0	2	1
Phi Beta Epsilon	0	2	1

LEAGUE VIII

East Campus	2	0	0
Baker House	1	1	0
Phi Kappa Theta	1	1	0
Phi Sigma Kappa	0	2	0

IM Hockey Teams Must Form Soon

In just a little over a month the intramural hockey season will be getting underway. This year action on the ice should be better than ever as more practice time will be allotted the participating teams. The ice will be available for practices every night after the varsity team finishes their work out and also Sunday mornings from 10-12.

A word of warning to all those thinking of entering a team this season: the team must be signed up in the Athletic office before 5:00 P.M. November 6th, otherwise the team will not be able to enter the competition.

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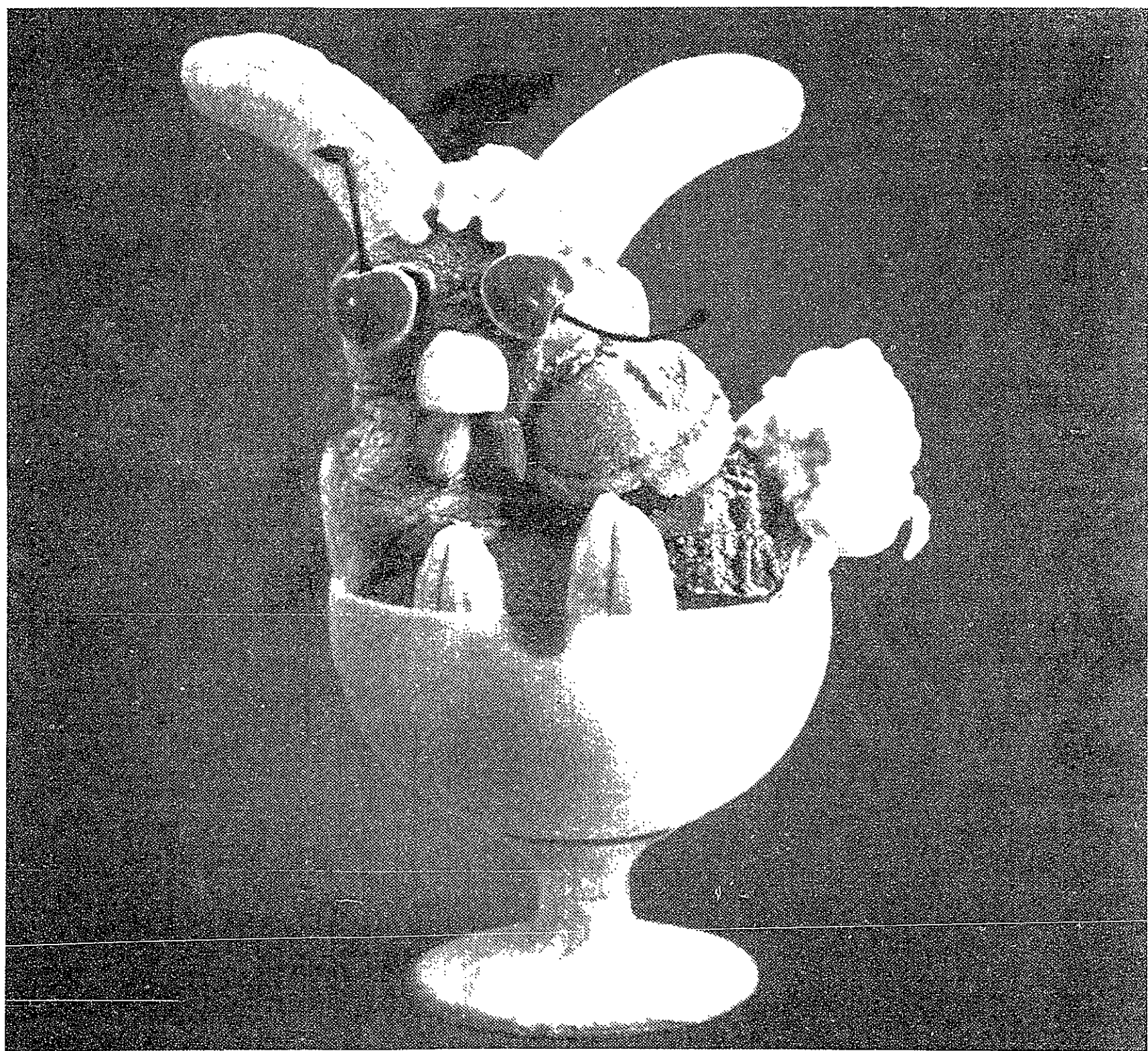
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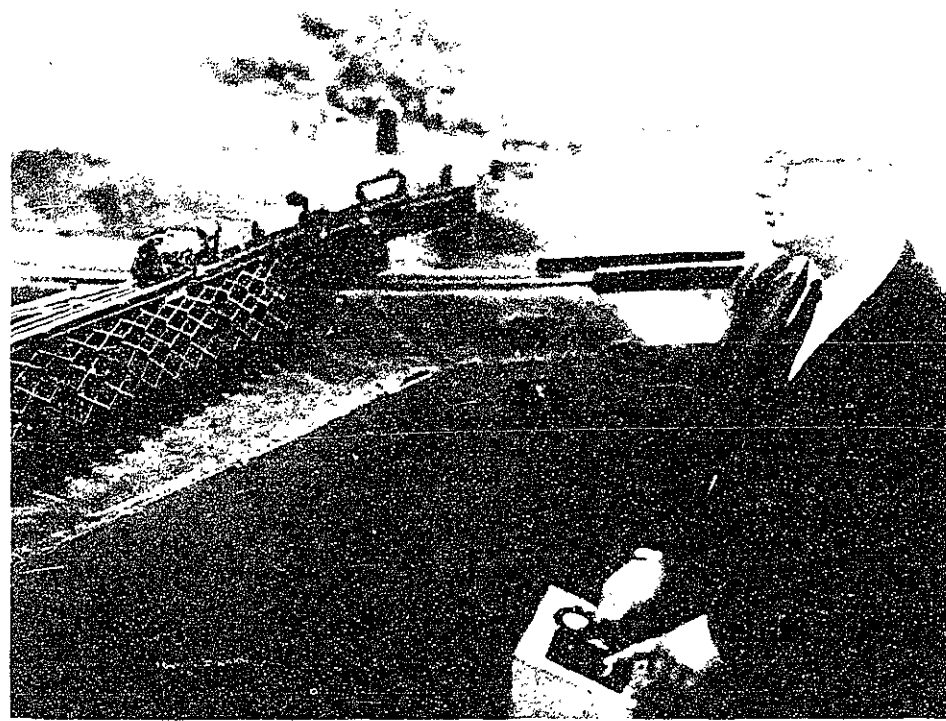
Hav-a-banana-bunny!



Good eating...good for you...thatsa banana! But a fungus growth that attacks banana plants threatened the economy of banana production. Old-fashioned sprays were cumbersome to apply and expensive. Then Esso Research developed a special oil mist that ends this fungus growth easily and economically. People eat better...cars run better...because **ESSO RESEARCH** works wonders with oil.



Receives Model Railroad Award



John Pryke, '62, member of the Tech Model Railroad Club, was the only one to win three prizes at the convention of the North-East Region of the National Model Railroad Association held last Saturday in Hartford, Connecticut. He obtained the first prize for the best kit built model, was second in the contest for the locomotive with the most powerful pull and was awarded the third prize in the contest for the best model built from scratch.

Flying Club Reinstates President

At a business meeting of the Tech Flying Club on October 20th, President Robert P. Hudock, '60, submitted his resignation, was given a unanimous vote of confidence and then accepted back the presidency. He had originally resigned in the face of charges made by Charles Livingston, '60, President of the rival Aero-Tech Flying Club.

Last week Livingston had charged that the TFC pilots were not insured, that the club had misrepresented itself to other student groups, and that President Hudock was realizing profits from the club as director of the corporation from which the club leased its planes (THE TECH, October 20).

Hudock Receives Vote of Confidence

When Hudock stated that he would not serve if there were any doubts as to his integrity and intentions, and, if he did not have the entire support of the club, the club reassured him that he was best fitted for his position. All TFC members spontaneously refused to accept his resignation and gave him a unanimous vote of confidence.

After the vote, Hudock restated club operations and its insurance coverage. He explained that insurance on club planes included a half million dollar liability insurance and bulk insurance (similar to automobile collision insurance). Members agreed that this was adequate insurance coverage.

Hudock went on to explain that he had not attempted to cover up his position as director of the leasing corporation. He said, however, that through his corporation, the TFC was able to get exceptional equipment for a fraction of the commercial rates. He said that the TFC's leasing agreement requires a fixed monthly sum for use of two aircraft and for aircraft insurance. In addition the corporation charges TFC a fixed sum to cover gas, oil, periodic inspection and maintenance, major overhauls, and normal depreciation. Hudock added that the club's books are open to inspection by all members and authorized MIT personnel.

Institute Lawyers to Meet

Today Institute lawyers will meet to decide whether Hudock's club and its rival, the Aero-Tech Flying Club, are sufficiently insured for injuries. If either of the clubs is not adequately insured, the more basic problem — whether the Institute is liable to students injured in insufficiently insured Institute activities — will be examined. "Until all facts are presented at this meeting," said Tom Farquhar, '60, Activities Council President, "no action will be taken against either club."

— GLASER

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→ARROW→

Each Saturday see the NCAA football "Game of the Week"—NBC TV—sponsored by ARROW.

Do You Think for Yourself?

(BLAST OFF ON THESE QUESTIONS AND SEE IF YOU GO INTO ORBIT*)

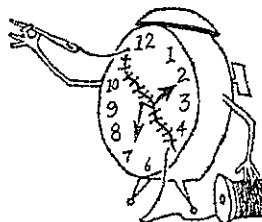
Do you believe that when a man insists on doing what he can do best, regardless of where he finds himself, he's (A) a valuable member of the community? (B) an independent spirit? (C) apt to be pretty silly?

A B C



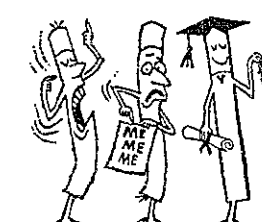
If you saw a fully clothed man about to jump into a river, would you (A) assume the fellow was acting and look for a movie camera? (B) dismiss the whole thing as a piece of personal exhibitionism? (C) rush to stop him?

A B C



Do you believe that "a stitch in time saves nine" is (A) an argument for daylight saving? (B) a timely blow against planned obsolescence? (C) a way of saying that when you use foresight you get along better?

A B C



In choosing a filter cigarette, would you pick one that (A) says it has a new filter? (B) merely says it tastes good? (C) does the best filtering job for the finest taste?

A B C

When you think for yourself . . . you depend on judgment, not chance, in your choice of cigarettes. That is why men and

women who think for themselves usually smoke Viceroy. They know only Viceroy has a thinking man's filter—the most advanced filter design of them all. And only Viceroy has a smoking man's taste.

*If you have checked (C) in three out of four questions . . . you think for yourself!



The Man Who Thinks for Himself Knows — ONLY VICEROY HAS A THINKING MAN'S FILTER . . . A SMOKING MAN'S TASTE!

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Engineering School Receives Ford Grant

(Continued from page 1)

nology" to "arrangers of configurations and composers of new inventions." Engineering education would consist of a broad scientific base on which to build practical devices.

Dean Brown, an electrical engineer by training, gave his conception of what such a basic course in his field would be. Electrical engineers would study three things in rigor and depth: charge carriers, their fields, and their interactions with other forms of matter. Anything electronic or electric, now or in the future, would have to include and be based on these three studies. The MIT graduate who studied these subjects would never fall into technological obsolescence.

Another use of the Ford funds would be to create new "core curricula" for the engineers. The "core curricula" are the basic courses required in every course. Though the areas for the engineering core curricula are not yet defined, some possible themes, according to Dean Brown are: Materials, Propulsion, Energy Processing, Information Processing, and Environment Engineering.

MIT went to the Ford Foundation (pre-sputnik) and outlined the idea to the Foundation. MIT felt it needed outside help in making the revolutionary changes. The Ford Foundation felt that MIT was most ready for the change in thinking and had the best resources for carrying out the program and making it a success.