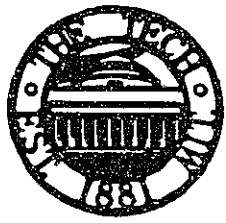


# The Tech



OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXVII NO. 18

CAMBRIDGE, MASSACHUSETTS, FRIDAY, APRIL 26, 1957

5 CENTS

## 30,000 Expected On Campus

### Strobe Light And Movies For Open House

Thirty thousand visitors will jam the halls and lecture rooms of MIT for the biennial Open House tomorrow afternoon. One of the principal attractions will, however, appear Friday night, when Professor Harold E. Edgerton '27 again demonstrates his powerful strobe lamp. The blue-tinted light atop the Dorrance building will illuminate East Campus and will be visible for many miles.

The Open House program does not stop with exhibits and demonstrations. Professor Lawrence J. Heidt of the chemistry department will lecture in room 10-250 on "using solar energy" and "fun with chemistry". The new Social Beaver film and a movie on SAGE will be shown in Kresge Auditorium, where visitors also may hear a demonstration of the organ by Mr. David Johnson. The Marine Engineering department plans to show an hour-long film on construction of the SS United States.

Exhibits and demonstrations are presented by the individual departments. The Electrical Engineering men will release their "electric bug", a mysterious creature that may operate on electronic principles. All the exhibits are planned to interest and entertain, but, as Open House Committee Chairman Virgil Browne said, "All exhibits have some educational benefit."

Although the Institute is financing the event and contributing most of the exhibits, the Open House Committee that is organizing and presenting tomorrow's program is headed by and largely composed of students. Professor Edgerton is faculty advisor to the Committee.

### Degree For Killian; Sheehan: Antibiotics; Fulbright Recipients

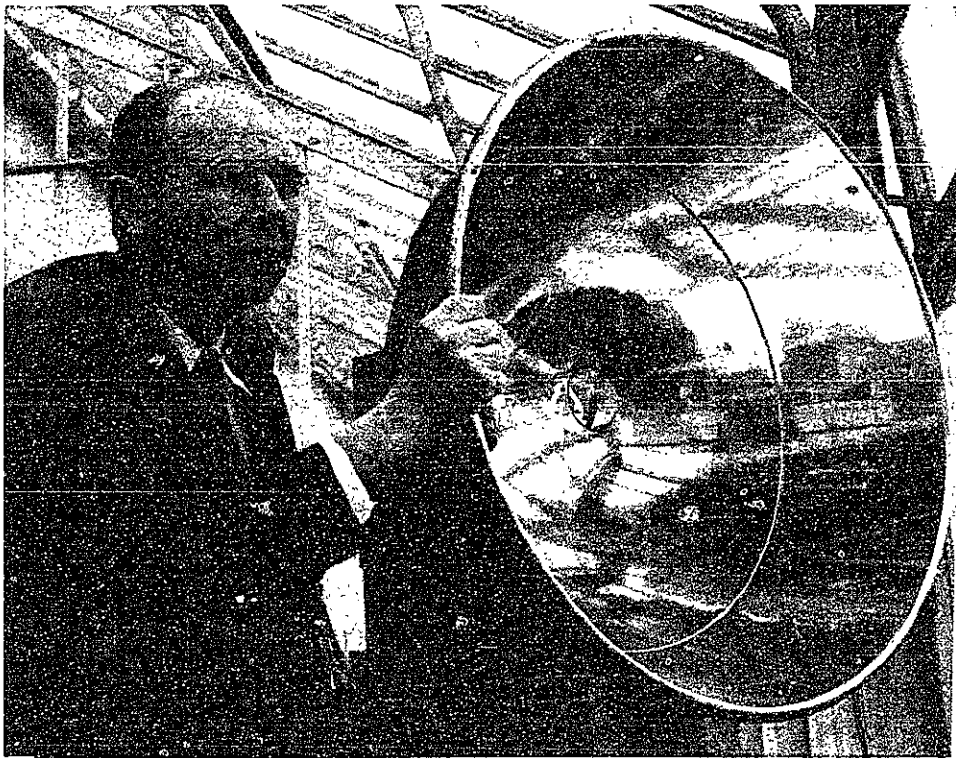
Dr. James R. Killian was presented with the National Academy of Sciences Medal at their annual dinner in Washington, D. C. last Tuesday. The presentation was made for "the application of science in the public interest."

President Killian is also scheduled to receive an honorary Doctorate of Laws from William and Mary College next month. He will be the third MIT president to receive the LL.D. degree from the historic Williamsburg, Virginia school. Honorary degrees have previously been conferred upon him by Middlebury College, Union College, and the Drexel Institute of Technology.

Dr. Killian, at present serves in several consultative positions including Special Assistant to the president, and holds a number of trusteeships and committee presidencies. Latest of these is his appointment April 18 as Director of the Research Corporation, a non-profit foundation to support research in educational institutions.

On May 2, Professor John C. Sheehan will start a series of public lectures to be given in Room 6-120 with "Antibiotics from a Chemical Viewpoint". Talks are sponsored by Phi Lambda Upsilon, the honorary chemical society.

Four additional Fulbright appointments for MIT students have been announced. Andrew J. Viterbi '56, Boston, and Henry G. Weber '55, Lake Bluff, Illinois, have each received one year grants to study electrical engineering at the Polytechnic Institute in Milan, Italy, for 1957-58. Receiving scholarships for architectural study in Rome were William K. Goodwin, Jr. '57, Marblehead, Mass., and William J. Rabin, Jr., G. Weldon, North Carolina.



Professor Harold E. Edgerton '27 takes aim with powerful 250,000 lumen-second stroboscopic light which will send brilliant blue flashes through the Boston sky tonight when Dr. Edgerton will conduct a series of visibility experiments.

### Inscomm Postpones Stand After Open Hazing Debate

Institute Committee opened its trapezoidal table to the student body last Wednesday and then closed it. After listening for more than two hours to student opinion, Inscomm adjourned, allowing its motion banning hazing to die.

"The purpose of the meeting," said Arnold Amstutz '58, "was to provide an opportunity for Inscomm to receive ideas and criticism directly from the student body." After the meeting, he commented, "Those who wanted immediate action in term of a 'yes' or 'no' tonight were disappointed. However, everyone is invited to attend next week's meeting in Litchfield Lounge when we should be ready to draw some conclusion."

Despite the wide publicity given the meeting, less than fifty students attended.

#### Spirit Considered Important Factor

While the participants were split into three groups—those who were adamantly for hazing, those who were equally firm against, and those who wanted an adequate substitute—the majority of the spectators who spoke from the floor were in favor of some form of hazing.

At the outset of the discussion, the Schultz Committee's definition of hazing was accepted by the group: that hazing consists of emotional or physical harassment of a freshman against his will.

Wayne Morrell '59, representative of the Baker Housecomm, spoke for the older Execomm motion which gave the control of hazing to the individual living groups. "There is a great importance in hazing which has to do with spirit," he said. "This more directly concerns the dorms than the fraternities, because the fraternities have pledge-training to wise-up the freshmen."

#### "Mickey Mouse Club" Brings Laughter

Alberto Velaachaga '59 brought both applause and laughter, when he presented an alternate proposal to the hazing problem. "The best solution," he said, "would be an orientation for hazing given by Junior Counselors along with the general system of orientation." He suggested that organizations such as the "Mickey Mouse Club," the East Campus sophomore group which led hazing there

this year, could also help. When questioned concerning its activities, he stated that the club "is secret and its nature cannot be explained."

#### ORIENTATION REPORT

A great need to improve student-faculty relations during the first few weeks of the incoming freshman's stay at MIT is stressed in the report of the Student Orientation Committee, published Tuesday. The report, written by Harry Flagg '57, also pointed out the need to abolish the present "Beat MIT" attitude prevalent among undergraduates.

#### Develop Professional Attitude

One angle of attack in the plan would be to develop "a more professional attitude" in the freshmen by explaining the purposes of each of the courses in the lectures and recitation sections. Instructors would explain how to get the most out of the courses by explaining how to study and exactly what is expected from each student in the course. Above all, it would be emphasized that "the whole school is out to help the freshman learn and get the most possible out of school."

#### Friendly Relations

In order to foster a friendly relationship between the student and his instructors, numerous informal gatherings would be held with the section advisors and instructors. The traditional dinner with the advisor would be pushed back to the end of the first week of classes so that the freshmen would have a taste of classes before the meeting. The instructors would emphasize that they are here to help the students and their attention and advice are appreciated.

#### Social Orientation

To give the students a pleasant introduction to "the MIT environment", compulsory tours would be eliminated and the faculty dormitory residents would make it a point to welcome the students to the dormitory as soon as possible.

Under the heading of "Social Orientation" the committee recommends that dormitory commons be open on Saturday night on a pay-as-you-go basis so that students can bring dates to Saturday dinner as easily as possible.

## VI-B Heads Innovations For EE Dep't Next Year

The Department of Electrical Engineering has announced that a new course, Electrical Science and Engineering, VI-B, will be started next Fall. Designed to meet the requirements of the individual who wants a broad foundation in the engineering sciences in direct anticipation of several years of professional graduate studies, Course VI-B will extend five years. At the end of this period the BS and SM degrees in electrical engineering will be awarded with the undergraduate thesis waived.

In the 1957-58 catalogue, Professor Gordon S. Brown '31, head of the department, notes that VI-B "is distinguished from Courses VI and VI-A by the extent to which the curriculum includes higher mathematics and physics, and emphasizes the electrical science aspects of the core curriculum subjects."

#### Admission At Sophomore Level

Admission to the course will take place at the beginning of the sophomore year. It is emphasized that the applicant should be strongly motivated and capable of doing graduate work leading to the Ph.D.

At present, enrollment will be limited to a selected group of 25 in each class. The members of this year's sophomore EE class will be able to enter the junior year directly and have already been notified of application procedure. Freshmen will be formally orientated sometime next month.

The sophomore curriculum will be identical to that of Course VI with the exception of the math subjects which will be identical or similar to the more rigorous courses now given sophomores in Course VIII. The third and fourth year will include specially adapted core curriculum subjects, 8.051 and 8.052, Atomic and Nuclear Physics, M76, a special course in Probability and 8.07T, Statistical Mechanics and Thermodynamics. Both of the latter courses will be taught by members of the Electrical Engineering Department. The senior year will include a special seminar in electrical science problems. The fifth year will include graduate study and thesis.

The regular Course VI program continues with the only change being the dropping of 6.04, Electrical Energy Conversion for juniors, and the addition of 6.08, Molecular Engineering for seniors.

### More Coeds Later, But Fewer In Fall, Sees Stratton At Tea

"Women are here to stay, and it is our hope to make them feel more a part of the MIT community" is the Institute's official policy on Tech coeds as voiced by Dr. J. A. Stratton at an informal tea given at Moore House on April 24 for resident women students.

Dr. Stratton and Dean Fassett explained to the coeds that their place in the MIT community has been under serious consideration for some time and it has now been decided to expand and amplify facilities specifically for women as rapidly as means can be found.

Since it is considered unwise and improper for the Institute to admit Freshmen women beyond its ability to accommodate them, plans have now been made for housing 14 Freshmen in the present Women's Dorm at 120 Bay State Road, with 3 upperclassmen in residence as unofficial advisors. An additional number of women commuters meeting the required academic qualifications may also be admitted to the Freshman class.

Also, a separate section of Bexley Hall will be made available to 33 undergraduate women in September with Prof. and Mrs. William F. Bottiglia as faculty residents.

Girls who would like to live in Bexley next September are asked to sign up in room 7-102 as soon as possible.

### April 30 Is Named As East Campus Day By E. C. Housecomm

The date is set at April 30th—the occasion, East Campus Day, an all-day celebration to demonstrate the esprit de corps of East Campus residents. During the East Campus House Committee meeting last Wednesday night, it was proposed that the day's activities begin with a change from the normal daily attire to Bermuda shorts and colorful shirts.

At night, the residents plan to assemble around a bonfire between the parallels for a marshmallow and hot dog roast. Further demonstrations of spirit have not yet been planned, but the Social Committee and Judicial Committee are giving their approval and cooperation for an "orderly, well-spirited celebration".

### Shops In The Union?

A student-faculty committee is currently debating whether to include retail stores in the proposed student union building. The committee is weighing the results of a poll, in which students cited twenty kinds of commercial establishments which they would like to see located on or near the campus, against the determined lobbying of various activities for the maximum possible space in the union.

Also under consideration are various long-range development proposals which envision "collegiate shopping centers" in West Campus, near the Boston & Maine Railroad tracks.

Dean Robert Holden heads the committee, which is charged with determining which facilities should be included in the union. He expects that the group will issue its first report sometime in May.

As Dean Holden sees it, the overwhelming sentiment among the undergraduate and graduate student bodies favors a comprehensive retail complex very close to the campus. This sentiment should not be ignored, he believes; but he points out that the present block of stores along Massachusetts Avenue is virtually sure to be razed. Therefore, he says, the committee is looking hopefully for a sign that some kind of a shopping center will become readily feasible.

Architect's plans have not yet been prepared, but it is understood that the union will contain about 200,000 square feet of floor space. Dean Holden does not know what limit his committee might place on the commercial space allotment, but he's sure it won't be the one named by one store across the street from MIT, which, alone, asked for 100,000 feet.

# The Tech



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3 Years	\$4.00	\$5.00	\$6.00

## editorials

### The Sound And The Fury

The Institute Committee should have some idea of the interest that the students have for it by now. The size of the open meeting on hazing last Wednesday at Kresge Auditorium was not large by any means.

The fact that less than one per cent of the undergraduates were present at the meeting is indicative of the interest of the average student. The subject of discussion was of interest to all; the meeting was well publicized, even to the extent of individual letters, but not many students came.

The attitude just exhibited by the majority of students is usually called apathy by members of student government, but more liberal minded souls sometimes refer to it as a reciprocal "leave alone" agreement. Students usually just don't care what is going on in student government and no amount of publicizing is going to create any interest. The Institute Committee is always harping about communication between it and the students, but when the students don't care about the subject, communication is worthless.

This meeting is probably inconclusive about the whole matter of hazing. Whether Institute Committee allows limited hazing or continues the ban, hazing of some sort will always be around. It seems like a waste of time and manpower.

A solution to the whole problem proposed by one lad was to do away with any office whose total vote was not thirty-five percent of the possible vote. Perhaps several terms without an Institute Committee would give us a needed rest.

### You Can't Win

The man who can walk through the great seeing eye doors in Building Seven without flinching has no equal in social sophistication. However, when the mechanism breaks down, the abruptness with which months of practice can be lost is discouraging.

Please, someone, put up a sign the next time it breaks down.

## reviews

### The Country Wife

The restoration of the British Monarchy in 1660 signaled the end of the Puritan Commonwealth with its strict code of ethics. The new high society circles, revolving around Charles II—the "Merry Monarch"—were characterized by elaborate formality, brilliant wit, and great freedom of morals. It is natural that the plays of the time should reflect these qualities and parody the excesses which abounded in the local gossip.

Such a play, "The Country Wife" by William Wycherley, is being revived by the M.I.T. Dramashop, under the able direction of Prof. Joseph D. Everingham in performances ending this Saturday night. It is a lusty, bawdy comedy of great wit, and deals with the roguish activities of a clever seducer and the helpless maneuvers of a deceived husband.

Through a unique stratagem, the rogue is able to divert the suspicion of his victims in order to pursue his plan of seduction without detection.

In the course of his activities he aims at the young and very desirable wife of an old, jealous acquaintance. The naivete of this young woman, a country girl, almost causes the rogue's undoing and nearly unmasks the false chastity of three women of the "haut monde".

A side-plot, which argues for love over money as an incentive to marriage, rounds out the story.

The part of the witty, gallant, and totally unscrupulous rogue is an extremely difficult one to carry with conviction. Such types are not very familiar in our society. Bob Heitman '57, played the part decently, but he lacked conviction. The "devil-may-care" attitude was not genuine, and the manners were not natural.

Great praise is due to Ellery Stone '59, who portrayed Mr. Sparkish, an insufferable bore, and an affectatious noise-maker. His characterization was thoroughly genuine and extremely convincing.

Barbara Mostel, as the innocent country girl, was perfectly in character. She showed comprehension of her role, but was at times somewhat unsure of herself in the rapid changes of mood required of her.

Joan Tolentino and Elaine Brooks, old acquaintances on the M.I.T. stage, were, as usual, excellent. Thomas N. Margulis '59, as one of the deceived husbands, and Nancy Williams, as his wife, played well.

The staging was very good and the entr'acte music is especially to be commended.

In short: a very creditable performance of a difficult, but very entertaining piece.

—Warner Hirsch '57

## the college world

The black banners have hung. Black crepe has encircled the arms of the administration. Pouts have prevailed. The facts speak for themselves. The truth has shown through. MIT is not unique. MIT no longer is the leader.

We of MIT must swallow our pride. We must wave goodbye to a long tradition of leadership over the California Institute of Technology. They published first. The *California Tech* of January 10, 1957, forty-seven whole days before the February 29 announcement of our housing increases, announced, "Students will face increased housing rates in September." Parting is such bitter sorrow.

"The total increase in cost per year for students living and eating in the students' houses," the *California Tech* stated, "will be \$91 if they are occupying a single or large double, or \$78 if occupying a small double.

"The change in rates may be broken down as follows: Board rates will be increased from \$458 to \$510 per year, an increase of \$52. Room rates for single and large doubles will be changed from \$220 to \$259 per year, an increase of \$39. Rates for small doubles will be changed from \$168 to \$194 per year, an increase of \$26.

"The student houses are an independent enterprise of the Institute supported entirely by revenue from the houses."

The college up the crick has also won. They arrived with the fustest and the mostest. On Thursday, January 10, 1957 the *Harvard Crimson* stated, "Room rents will be raised a flat 15 percent on all dormitories in the College next September." (January 10 has subsequently been known as Black Thursday.) "The major reason for the increase . . . is the already great and still growing cost of operating the dormitories. It will not cover any capital improvements . . . but will just be used for the running of the system.

"The department's budget . . . is about one and a half million dollars. Like the other business activities at the University, it must be self-supporting; any profits it may make are negligible.

"The average room this year costs \$350. With the increase it will be just over \$400."

"To my knowledge, Pennsylvania is the only member of the Ivy League which has not found it necessary to increase dormitory fees for the 1956-57 school year," he (Dr. Eugene Haun, director of men's residences) noted. "In a discussion with George B. Peters, dean of men, we could see no reason for an increase at this time." reported the *Daily Pennsylvanian* from the University of Pennsylvania.

Continuing, the story pointed out that these Ivy schools have increased dormitory charges without increasing facilities. At any of these schools the students must provide their own furniture and clean their own rooms. Yet Dr. Haun said, "We feel that the service which we have in the dormitories at the present time is a profitable business investment as well as a courtesy to dormitory residents since it keeps the dormitories in adequate physical condition and provides for a high standard of cleanliness."

Perhaps one of the reasons for no dormitory rent increase at Pennsylvania is the \$200 tuition increase for next year.

It seems that conformity prevails among the colleges in the United States. We, the Ivy League schools, and many others are all conforming. But the schools probably are not conforming with each other but with the dictates of economics.

—Carl Swanson '60

For Sale: 1951 Buick four-door sedan. Excellent buy. Going abroad, must sell. Deliver end of May. \$250 or best offer. Call CApitol 7-0513.

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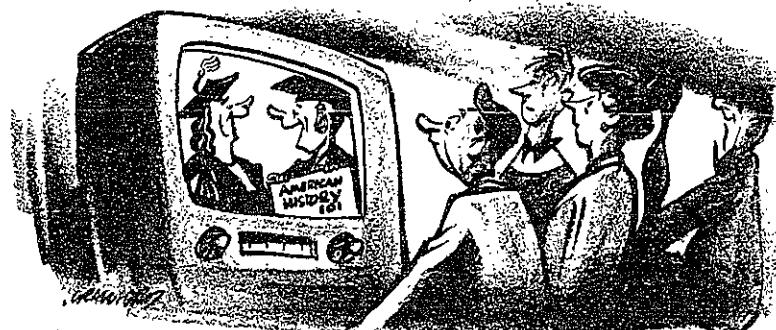


### VIDEOT'S DELIGHT

The academic world has made its first tentative steps into television. A few lectures, a few seminars, but may I respectfully suggest that the academic world has not yet learned the full potential of television?

Why don't the colleges use television's vast capacity to dramatize, to amuse, to unshackle the imagination? Like, for example, this:

ANNOUNCER: Howdy, folks. Well, it's time again for that lovable, laughable pair, Emmett Twonkey Magruder, Ph.D., and Felicia May Crimscott, M.A., in that rollicking, roistering fun show, American History 101. . . . And here they are, the team that took the "hiss" out of "history"—Emmett Twonkey Magruder and Felicia May Crimscott!



"A funny thing happened to me on the way to my doctorate."

DR. MAGRUDER: Howdy, folks. A funny thing happened to me on the way to my doctorate. A mendicant approached me and said, "Excuse me, sir, will you give me 25 cents for a sandwich?" I replied, "Perhaps I will, my good man. Let me see the sandwich."

MISS CRIMSCOTT: Oh, how droll, Dr. Magruder! How piquant! How *je ne sais quoi!* . . . But enough of badinage. Let us get on with our rollicking, roistering fun show, American History 101.

DR. MAGRUDER: Today we will dramatize the taut and tingling story of John Smith and Pocahantas. I will play Captain Smith and Miss Crimscott will play Pocahantas.

ANNOUNCER: But first a message from our sponsor. . . . Folks, have you tried a Philip Morris lately? Have you treated yourself to that good natural tobacco—zestful yet mild, hearty yet gentle, rich yet dulcet? Hmmm? Have you? . . . If not, light a Philip Morris soon. Light either end. . . . And now to our grim and gripping story. Picture, if you will, a still summer night. An Indian maid stands by a moonlit brook. Suddenly she hears a footstep behind her. She turns. . . .

MISS CRIMSCOTT: Oh! John Smith! You-um startle-um me-um!

DR. MAGRUDER: Hello, Pocahantas. What are you doing down by the brook?

MISS CRIMSCOTT: Just washing out a few scalps. But what-um you-um want-um?

DR. MAGRUDER: I came to see the Chief.

MISS CRIMSCOTT: You-um can't-um. Chief is leaving for Chicago.

DR. MAGRUDER: On what track?

ANNOUNCER: And speaking of tracks, stay on the right track with Philip Morris—the track that heads straight for smoking pleasure, for fun, for frolic, for sweet content. . . . And now back to those two cool cats, Emmett Twonkey Magruder and Felicia May Crimscott.

DR. MAGRUDER: Well, folks, that's all for today. See you next week, same time, same station.

MISS CRIMSCOTT: Stay tuned now for "William Cullen Bryant: Girl Intern."

ANNOUNCER: And remember, folks, each end of Philip Morris is ignitable. It's just good, rich, natural tobacco, any way you light it!

©Max Shulman, 1957

Any way you light it, it's great. Any way you like it—long size or regular—we've got it. Natural Philip Morris! Made by the people who bring you this column.

Sunday Evening APRIL 28 at 8 P.M.

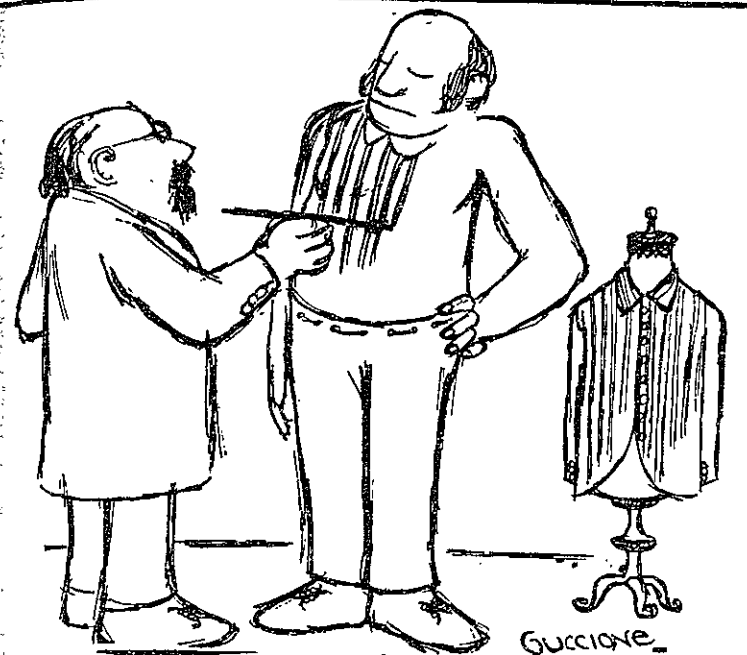
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GO, VAN, GOGH!

Once upon a time, when the world was really evil, and a thief lurked behind every bush, cautious men had their shirts painted on! The reason for this is explained by a perceptive saying of those days: "Forsooth, nothing deters those rascallions about town. They'll steal anything that isn't buttoned down." Rough days — particularly for the shirt business, what with painters picking up all the profits. Until, suddenly, an idea of genius appeared. The button-down shirt! This shirt was actually buttoned on to the chest of the wearer, making it absolutely steal-proof! Today, in these honest times, we still feel its influence. It is

the true ancestor of that glorious style—the shirt with the button down collar! Isn't history interesting? Van Heusen—because they know so much about the button-down — has done more with it than anybody else. Take our new line called the Van Ivy, for instance. Here are button-downs in tartan checks and stripes. Van Ivys look marvelous with suits and sport coats, and worn open at the neck give you a roguish look. They also have a button on the back of the collar, for authenticity's sake. See them. \$4.00 in short sleeve, \$5.00 long sleeves. Phillips-Jones Corp., 417 Fifth Ave., New York 16, N.Y.

Six Races Feature Weekend Crew



Complete "Victory At Sea" - see IT SATURDAY

MIT's crew season gets into full swing this week-end with six races to be decided on the Charles late Saturday afternoon. For the heavyweights, this will mark the season's opener, while the lights will be seeking revenge for defeats at the hands of Harvard last Saturday.

The heavies will race BU, Syracuse, and Harvard while the lights will be competing for the Biglin Cup against Harvard and Dartmouth, with Yale an added starter. The freshman lights will start off the day's action, followed by the frosh heavies, then the two JV races, and finally the varsity races, hopefully set for around six.

For the heavies, under the able leadership of Coach Jim McMillin now in his 13th year as head crew coach, the race should be a good indication of what can be expected for the season. Nine lettermen, headed by Captain Dick Bleiden, return from last year's shell which bowed to both Syracuse and Harvard. WTBS will again have their loudspeaker set up at the finish line in front of the MIT boat house to bring the details of the race, making this an ideal spot to watch the climax of the Open House athletic activities.

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SELECTIVE SERVICE TEST  
A Selective Service Qualification Test will be conducted on Thursday, May 16. All applications must be submitted by May 6 to Room 14-S136.

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Trackmen Lose In Contest With Brown

Last Saturday MIT suffered defeat in the Brown meet at Providence. Brown had a final score of 77 against Tech's 58.

In some events the team made a good showing. John Meyer '58 won the broad jump, and Bob Williamson took the 220-yd. low hurdle event. Broad jumper John Meyer '58 was first in his event, and the pole vault was won by Vito Maglione '57. Tech also scored in their half mile event where Bill Duffy '58 came in first.

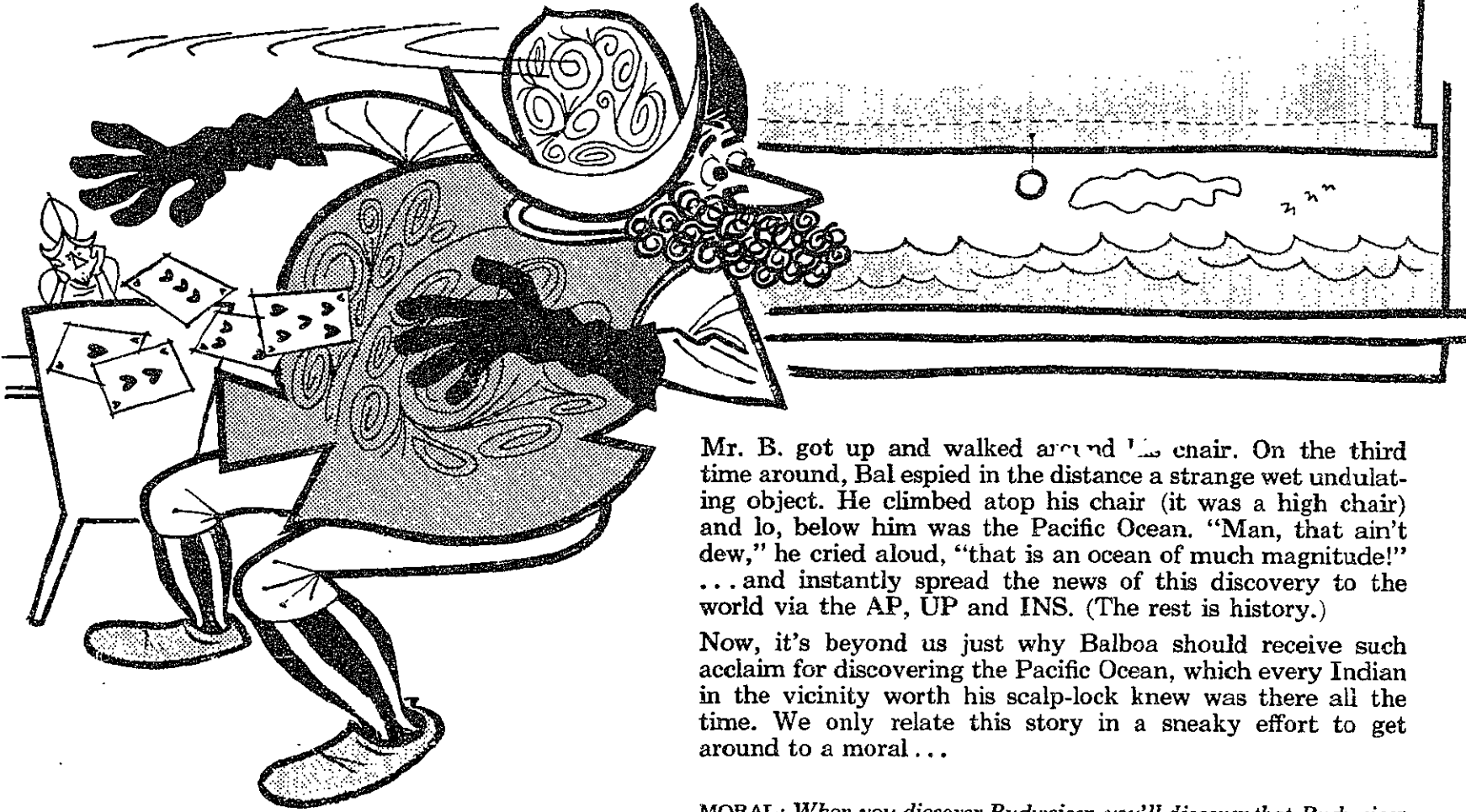
BALBOA

(OR)  
You can find most anything if you know where to look

A long time ago there was a grade A explorer named V. N. Balboa. Like a pogo stick with a hot foot, he hopped from place to place, discovering this and that.

One day, paging through an old copy of the National Geographic, he became intrigued with the idea of discovering the Pacific Ocean. He set sail for Laguna Beach and landed one night in Panama (his navigator was left-handed and a little heavy on the stick).

Next morning our hero found himself out at the inn . . . and out plenty. He was in a heavy-stakes poker game. Employing an old gambling custom often used but seldom effective,



Mr. B. got up and walked around the chair. On the third time around, Bal espied in the distance a strange wet undulating object. He climbed atop his chair (it was a high chair) and lo, below him was the Pacific Ocean. "Man, that ain't dew," he cried aloud, "that is an ocean of much magnitude!" . . . and instantly spread the news of this discovery to the world via the AP, UP and INS. (The rest is history.)

Now, it's beyond us just why Balboa should receive such acclaim for discovering the Pacific Ocean, which every Indian in the vicinity worth his scalp-lock knew was there all the time. We only relate this story in a sneaky effort to get around to a moral . . .

MORAL: When you discover Budweiser, you'll discover that Budweiser is to beer as the Pacific is to oceans . . . the most!

**Budweiser** ANHEUSER-BUSCH, INC. • ST. LOUIS • NEWARK • LOS ANGELES  
KING OF BEERS

### Six Sport Program On Campus Saturday Sparks Open House

This Saturday afternoon, MIT's Twentieth Open House features athletic competition in six sports on and near the campus.

The program begins at 12:30 at the Sailing Pavilion with MIT's sailing team racing against Yale, B.U., and Bowdoin for the Geiger Cup. The Engineers are counting on Bill Widnail '59 and crew Steve Strong '57 in the "B" division, and Bill Stiles '57 and crew Dennis Posey '59 in the "A" division, to repeat last week's performance, in which they won the Boston Dinghy Club Cup while beating these teams among others.

On Briggs Field at 2:00, Tech's varsity baseball squad takes on Bowdoin. Ladies' Day will be observed by giving prizes to the first 20 girls to come to the game.

At the same time the Beaver varsity Lacrosse team takes on U.N.H. inside the track oval on Briggs Field. The varsity and frosh cindermen meet Tufts starting at two o'clock at the track.

Meanwhile MIT's tennis varsity have a match with Bowdoin at the Burton House Courts.

The hectic day comes to a close with crew races on the Charles at 5:00, previewed elsewhere.

### Netmen Fail To Win In First Week's Play

The MIT tennis team has opened its season, and the first three games were played during the last week. The Tech netmen were shut out against both Harvard and Williams by scores of 15-0 and 9-0. A very exciting match with Brown lasted four and a half hours, but finally wound up with MIT on the short end of a 5-4 score. The match was not decided until the third doubles, and the score in the third set was 8-6. The first singles match was won for Tech by Jeff Winicour '59. Second seeded Dick Hough '57 also won his match as did Captain John Pease '57.

Starting today, the team will play four games in five days. Colby, Bowdoin and BU will be played here, and figure to be close contests. The Dartmouth game on Tuesday, April 30, will be doubly tough because Tech will be playing a very fine team on the opponents' home courts. The first win has proved elusive, but Coach Crocker feels that the team has the potential to start on the victorious side of the ledger.



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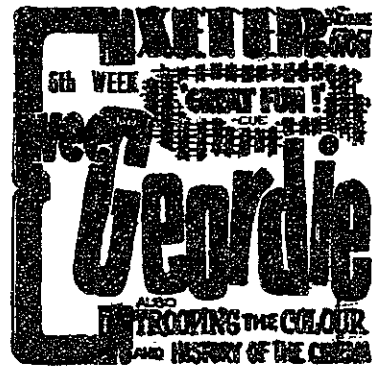
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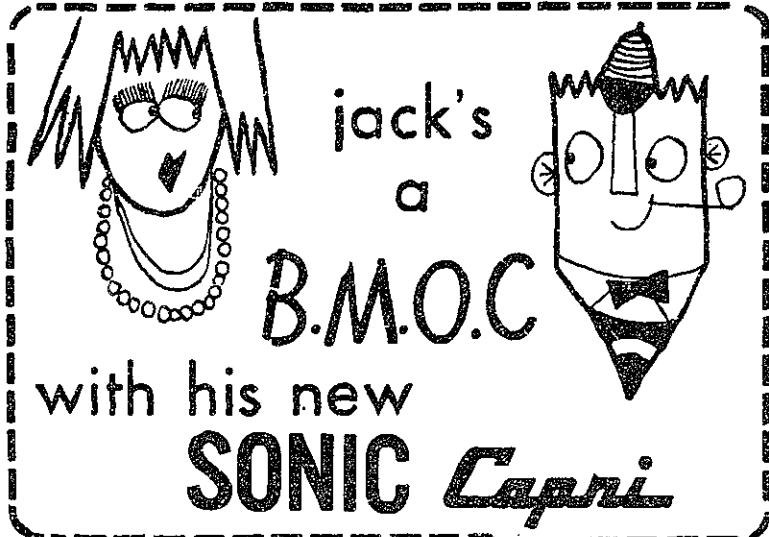
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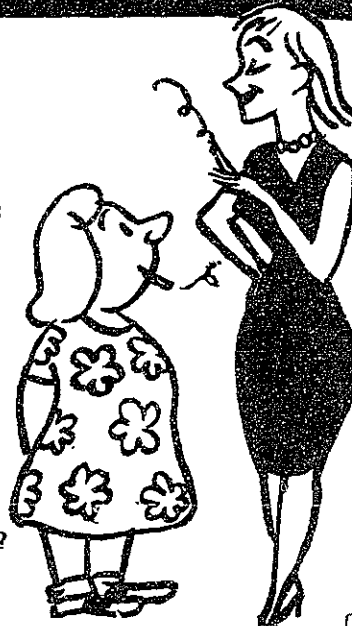
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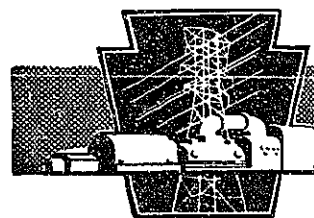


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# The Tech

OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

DL LXXVII NO. 19

CAMBRIDGE, MASSACHUSETTS, TUESDAY, APRIL 30, 1957

5 CENTS

## A.A. ENDS FIELD DAY SPORTS

### Surprised Student Groups Hope For Reconsideration

by Stephen M. Samuels

Student leaders, and, in fact, the whole student body appeared to be taken by surprise by the Athletic Association's actions ending four Field Day sports. Institute Committee members, including president Arnie Amstutz '58, as of Sunday night, had not received the A.A. report, and were not sure why the action was taken.

Although there were many degrees of opinion expressed in different parts of the campus over the week-end, each opinion was boiled down to an individual answer to these two questions: How well had the student body participated in and responded to previous Field Days? What should be the relationship between intercollegiate athletics and the athletic program as a whole?

At least one member of the Institute Committee announced plans to move for consideration of the A.A. action at the next Incomm meeting, tomorrow. Commenting on this, Amstutz felt that "there's a good basis for believing that Incomm will consider the question." Another Incomm member, Jim Benenson '58, stated, "I doubt whether Incomm would overrule A.A. The question is out of its field." Both agreed that Incomm has the constitutional power to overrule the A.A.

While freshmen and sophomores circulated petitions of protest, and gained the sympathy of some upperclassmen, many varsity athletes appeared to close ranks in support of the bans.

In a letter to *The Tech*, Chuck Conn, captain of the Class of '60 Field Day football team, urged the A.A. to "reconsider and reinstate Field Day football." He challenged parts of the A.A. report, denying that participant-interest in the sport is low, that the short season discourages participation, and that "huge sums of money" are needed to finance the sport.

Harry Flagg '57, a football player for two years and a football coach for two more years, called Field Day "a lot of guys having a lot of fun." Under the A.A. bans, Flagg saw next Fall's frosh-soph rivalry as "completely topsy-turvy."

Amstutz, too, felt that, as of now, with the A.A. action in effect, the interclass program for next fall is unsatisfactory. "We've got to get a solid program next fall; we can't have nothing," he said. He predicted the adoption of new games, requiring "less skill", to be inaugurated, "if the A.A. decision stands."

Speculating on the A.A.'s motives, Amstutz said, "Perhaps they felt that the benefits of the Field Day athletic system do not justify the expense . . . However, if the A.A.'s only criterion is intercollegiate competition, then that is too bad."

### Var. Interference Given As Reason

By four consecutive motions passed at an Athletic Association meeting last Thursday, field day athletics were abolished.

The fifty-one-year-old tradition of field day athletics was cast aside by the AA members present at the library lounge meeting, where only thirty-five places of a total voting membership of sixty-two were represented. Crew, swimming, football, and track were the sports eliminated from the field day competition by the move.

Mike Drew '59, the lightweight crew manager, presented the first of the motions: "Resolved that field day crew be abolished." It was supported by a letter from the crew coach which stated that he felt he could not do an effective job of teaching the field day participants correct rowing techniques in the two short months before the frosh-soph race.

By a similar motion, field day swimming was the next to fall. During the discussion Glenn Strehle '58, the chairman of the varsity council, mentioned that field day athletics hurt intercollegiate teams here, and they detract from our pride in victory during interschool contests. It was also brought out that ten to fifteen people come out for field day swimming that don't make the team and only tended to crowd the pool during the beginning of varsity practice.

The oldest of the field day sports, football, was abolished through a motion produced by Mac Jordan '58, president of T-Club, who argued that while at some places sophomore football players were being nominated for All-American honors, at MIT they were being beaten by prep school teams. He also called the cost of maintaining the footballers excessive and suggested that the money could be more wisely employed to purchase letter sweaters for MIT athletic award winners.

Jon Weisbuch's '59, "let's flush it" comment characterized the passage of the final track motion to climax the meeting.

## Admiral Cochrane Retires As Liaison Vice-President

Admiral Edward Lull Cochrane '20, who, during World War II, directed the building of more ships than any other man in history, will retire as Vice President for Industrial and Government Relations in July.

To honor his retirement an eight-year shell was christened in his name Saturday. And a rowing shell is about the only thing that floats that Admiral Cochrane has not built himself. As Chief of the Bureau of Ships from 1942 to 1946, he was responsible for the construction of everything from huge "Midway" class carriers to self-propelled surf boards used in underwater demolition work.

Admiral Cochrane has been concerned with the whole range of the Institute's responsibilities to industry and government. He has had top responsibility for coordinating and giving administrative support to all of MIT's sponsored research, including the Lincoln Laboratory and the Instrumentation Lab.

Following his retirement, Admiral Cochrane will remain at MIT as special adviser to the president.

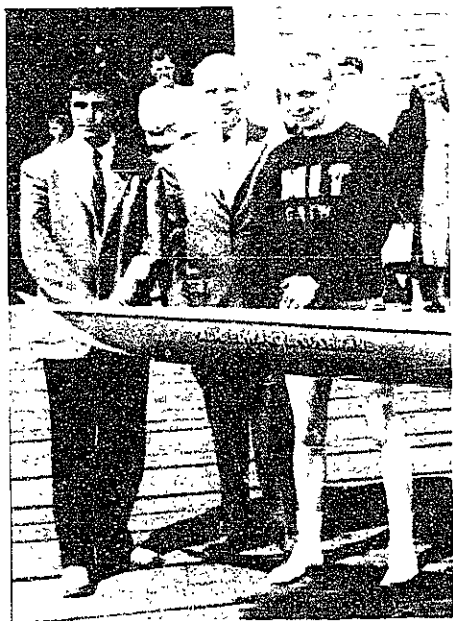
The son of a marine officer, Admiral Cochrane was born into the Navy—at the Navy's Mare Island base in California. He was second in his class at the Naval Academy in 1914 and took his master's degree in naval construction at MIT, in 1920.

From 1935 to 1946 Admiral Cochrane participated personally in the design of every type of combat ship and contributed substantially to many of the outstanding naval advances. These include the widespread development of welding in ship-construction and the improvement in the maneuverability of ships. He was also instrumental in the design of the World War II submarine, the salvage and rehabilitation of ships crippled at Pearl Harbor, and

collection of information on anti-submarine warfare. A Naval Academy classmate said, "He can take a large share of the credit for winning the naval war during World War II."

Immediately after his retirement from the navy in 1947, Admiral Cochrane came to MIT to head the department of naval architecture and marine engineering. Before becoming vice-president in 1954, he also was Dean of Engineering for two years.

In 1916 Admiral Cochrane was married to Charlotte Osgood Wilson. The Cochranes, who live in Cambridge, have two sons: Commander Richard L. Cochrane, U.S.N., (M.S., MIT, 1947), and Lt.-Commander Edward L. Cochrane, Jr., U.S.N., now a student at the Naval College of War in Newport, R. I.



Admiral Cochrane surveys the newest addition to the Charles River "Navy", a rowing shell honoring his impending retirement. During World War Two, Admiral Cochrane directed the construction of the United States Navy, built giant carriers and scores of other types of vessels. But this is the first shell to his credit.

### TEN Cuts Price To Dime

*Tech Engineering News*, undergraduate-run technical magazine, has recently been able to decrease its sales price because of an increase in the amount of advertising which it carries. According to Rae F. Stiening '58, General Manager of *TEN*, the on-campus sales day price has been reduced from twenty-five to ten cents per issue. All other prices, including subscriptions, remain the same. The magazine will be unchanged in size and quality, said Stiening.

### Q-Club Elects

The Quadrangle Club elected fourteen freshmen to membership in the Club, Sunday. The fourteen will meet about a week to elect the remainder of the 1957-'58 Club membership. The "Q-Club" is a sophomore honorary service organization.

Those elected were: Robert E. Bailey, Charles R. Conn, Donald F. DeReynier, Robert E. Lienhard, George J. Meyers, III, Edward F. Neild, III, William J. Nicholson, Richard H. Oeler, Lawrence B. Pearson, Jr., Alan B. Shalleck, George S. Stivers, Carl V. Swanson, Joseph A. Verderber, and Donald J. Weaver.

### ISA Spring Fair Opens On Saturday

The International Student Association of Greater Boston will present its annual spring festival this Saturday, May 4, from two to eleven P.M. The lawn of the International Student House at 33 Garden Street, Cambridge will be the scene of the activities which this year will follow the theme of an International Fun Fair.

Among the displays, set up in colorful booths on the lawn, will be contributions from MIT, such as an exhibit on India by Yash Paul, a graduate student from Bombay, and a Grecian display by John Posnakoff '57 of Salonica, Greece. Other booths will house a modern technology display from the United Kingdom, and, on the more active side, a calypso singer from Trinidad, a Czechoslovakian glass blower, and a Norwegian magician. Les Dirks '58, campus representative to the ISA, predicts a good time for all.

## Second Anniversary Of WGBH-TV Will Be Celebrated With Special Broadcast Tonight

by William A. Cramer

"The inauguration of WGBH-TV may be considered, in retrospect, an important event in the history of education in New England. It will bring together, for the first time, the media of television and radio under common auspices for strictly educational purposes . . ." These are the words of Mr. Parker Wheatley, director of the Lowell Institute Cooperative Broadcasting Council, and General Manager of WGBH-TV and WGBH-FM, spoken prior to the opening broadcast of the system, May 2, 1955.

Today WGBH-TV celebrates its second anniversary. To commemorate the occasion in proper fashion, all the presidents and heads of the Lowell Institute Cooperative Broadcasting Council will gather for a broadcast on the topic, "What is the place of Television in Education?" The program will be carried by WGBH-TV and WGBH-FM at 9:00 p.m. The Council heads are: President Killian, Presidents Pusey, Sachar, Case, Wessel, and Ell of Harvard, Brandeis, Boston University, Tufts, and Northeastern, respectively, the

Rev. Thomas F. Fleming, Executive Assistant to the President of Boston College, Henry Cabot, the President of the Trustees of the Boston Symphony Orchestra, Perry T. Rathbone, the Director of the Museum of Fine Arts, Bradford Washburn, the Director of the Museum of Fine Arts, and Harrison Keller, the President of the New England Conservatory of Music.

WGBH-TV is a non-commercial educational television station on channel two in Boston. The birth of the station was made possible by generous grants from the Twentieth Century Fund, the Lincoln and Therese Foundation, Inc., the Filene Fund, and the Fund for Adult Education. Station KUHT-TV of Houston, Texas, which first broadcast in May of 1953 was the pioneer in educational television. WGBH-TV was the twelfth such station to begin operations. It is the only educational, non-commercial outlet on the eastern seaboard.

As far as the raw assets of the station are concerned, WGBH-TV is among the most modern and professional television stations in the Unit-



Mr. Ralph Lowell, at right, President of the WGBH Educational Foundation, has good reason to be elated. WGBH-TV completes two years of programming today, having received national recognition for its high-caliber educational format. With Mr. Lowell is Parker Wheatley, General Manager of the station.

(Continued on page 3)