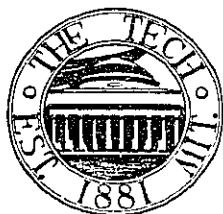


The Tech



NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXIX NO. 8

CAMBRIDGE, MASSACHUSETTS, FRIDAY, MARCH 13, 1959

5 CENTS

Dr. George Sutton Named Chief Scientist of Government Agency

Named to become Chief Scientist of the government's Advanced Research Projects' Agency is Dr. George P. Sutton of MIT, who is scheduled to speak on interplanetary rocket propulsion systems for future flights into space on Wednesday evening, March 18th in Kresge.

Dr. Sutton, who is recognized as one of the nation's foremost aeronautical engineers, is the Jerome Clark Hunsaker professor of Aeronautical Engineering in the Department of Aeronautics and Astronautics.

The lecture, to be presented next week, is the fourth Minta Martin lecture, entitled "Rocket Propulsion Systems for Space Flight," and will be concerned with several propulsion systems for rocket flight, making comparisons as to the capabilities of various systems for space flight of the future.

The talk will be given in cooperation with the Boston Section of the Institute of Aeronautical Sciences and is an annual event at MIT and at other leading aeronautical centers throughout the nation. It is to be repeated at the University of Maryland and later in Los Angeles with the cooperation of the California Institute of Technology.

The annual lecture is delivered in conjunction with the Hunsaker professorship, established at MIT in 1954 in honor of Jerome Clark Hunsaker, a leading figure in aviation and for many years, head of the Aeronautical Engineering Department.

The professorship was conceived by the late Major Lester D. Gardner, founder of the Institute of the Aeronautical Sciences.

The current series of lectures was provided for by a gift from the late

WTBS Continues FM Plans; Corporation Proceedings Begun

WTBS has taken the first steps towards becoming the WTBS Foundation, Inc. Professor Houlder Hudgins of the School of Industrial Management has been elected President of the Executive Committee. Members of the Executive Committee are: Mr. Volta Torrey, Clerk of the Corporation and MIT Director of Television; Mr. D. Reid Weedon, Treasurer of the Corporation and Vice-President of A. D. Little Co.; Mr. John Fitch, MIT grad who broadcasts over WHDH under the name of John McLellan; Professor John M. Wozencraft, Assistant Professor in Course VI; and Mr. Arthur H. Nelson, Vice-President and Treasurer of General Electronic Labs. Student members of the Executive Committee are N. Addison Ball '60, Station Manager, and Linda Greiner, '60.

Papers have been signed, but the incorporation will not be official until the charter is granted by the state. In the meantime, work is being done on the mechanics of getting the station on the air FM.

Antenna Site Discussed

Discussion is going on this week about the site for the FM antenna. Original plans put the antenna on top of the Dorrance building, but had to be changed since this would cause interference with radar and weather equipment nearby. Proposed sites now are buildings 52 or Walker Memorial. No positive site has been chosen.

While actively planning for FM, WTBS is continuing its current carrier broadcasting. No date has been set for WTBS-FM since there is still much work to be done, and the FCC license is still to be obtained.

Glenn D. Martin and was named in honor of his mother, Minta Martin.

Dr. Sutton came to MIT last summer from his position as manager of the advanced Design Section at North American Aircraft's Rocketdyne Division. He has taught a course here on rocket propulsion engines, and has continued research on the design and development of various propulsion systems. He holds many honors in the field of aeronautical engineering, is currently president of the American Rocket Society.

PRC Selects Frosh, Plans Press Lunch

Public Relations Committee has selected new members after a smoker last week with nominees from all Freshman sections. Chosen to serve on PRC are: Bruce Allen, Juri Tomre, Bill Beller, Dan Schuman, Steve Levy, Phil Schwarz, Frank Osha, Marilyn Arsey, Tom Burns, Richard Crowell, Dave Stare, Selig Saltzman, and Walter Colby, all members of the freshman class.

Special projects for the spring term will be ad-chasing for the Freshman Booklet to be published in the fall, and a press luncheon just before Open House in May.

Public Relations Committee is the sub-committee of Incomm which handles such services as the Beaver Buzz, the PRC activities calendar, and the annual BasketBrawl Game.

Fashion - Have Gown, Will Travel

The Technology Dames take the spotlight this Monday with their Third Annual Fashion Show to be presented in Kresge Auditorium for the benefit of the Children's Unit at the Metropolitan State Hospital in Waltham.

With a theme of "Have Gown—Will Travel," the show will give the MIT Community a look at the appropriate apparel for the Jet Age's traveling young lady. Tech men, whose interest in clothing was stirred up by a recent article in a national magazine, have a chance to see how the other half will look this year as the MIT Dames model clothes ranging from traveling ensembles (très chic) to sophisticated evening wear.

Sharing the spotlight with fashions will be entertainment from three sections of the globe. Music from Mexico, dances from the Philippine Islands, and songs from France are

planned to complement the traveling theme.

The evening of fun and fashion is only one of the Dames' activities. Their recent foreign night meeting, at which members from 15 countries served native foods and exhibited items from their homelands, provided the members and their husbands with an intimate look at life in far-away places.

The Technology Dames, an organization of the wives of MIT students, now boasts a membership of 385. Plans are under way now for the annual graduation dinner at which the wives of graduating Techmen are given "diplomas".

An active organization, the Dames have a swimming group, a sightseeing group, and have bridge parties four times a month. Their program of welcoming new wives to the campus is just another of the Technology Dames' services to the MIT community.



"The elections were illegal and unethical," said Mike Padlipsky at the DormCon meeting which threw out the results of the council president elections and scheduled new balloting for next Thursday.

Dorm Con President Election Void New Balloting To Be Next Week

The recent dormitory council president elections were declared invalid by a meeting of DormCon and balloting will again be held next Thursday to officially vote in the coming year's president.

Posters, electioneering, and congregations of people within thirty inches of the polling places; statements by members of Burton House Committee telling residents how to vote; balloting boxes not open during the prescribed hours; and no points of balloting in the Women's Dorms were all alleged infringements on prescribed voting procedures given by Jerry Abel, Burton House, who spoke from the floor at the meeting.

George Gilliland, elected to the DormCon presidency on the bogus ballot, said "I think that the evidence presented at the DormCon meeting seemed reasonably conclusive of the fact that the elections were not quite proper." Speaking further on next week's elections, Gilliland, who won on a write-in vote said, "I intend to run again. This time, however, my name will be on the ballot."

Another comment on the recent elections was given when Mike Padlipsky, representing Otis Bryan of Baker, said that the election was illegal and unethical and he made reference to interference and bad political moves by Burton House Committee. Al Bufford, out going Burton House president, injected the statement that in speaking of the election infringements, the individual members of Burton House should be referred to rather than the Burton House Committee.

A motion was made to consider the election section by section and following this, the Baker, East Campus, Senior House and Burton House presidential and representative elections were approved; the Burton election being approved on a roll-call vote. A roll-call vote was held for the DormCon president election and the election was not approved.

SCEP Discusses Foreign Aid Plan In Lieu of Service

A foreign aid plan whereby two years in the foreign service would fulfill military obligations was the topic of the Student Committee on Educational Policy's recent discussion. An outgrowth of considering a foreign work program for students, the idea concerned only graduate students of high calibre who would be willing to devote two years to fairly elementary work in the service of their country.

The value to the U. S. of such a program would lie in two areas; primarily in fostering improved opinions of America through contact with her top-notch young people, and secondly in the technical assistance these people would lend.

A recent book, *The Ugly American*, by William J. Lederer and Eugene Burdick is a shocking revelation of shortcomings in our foreign services. Strongly criticized is the lack of interest and communion with the inhabitants of the country. Men are needed in these areas who know the language and show interest and respect for the natives and their customs.

SCEP considered interest in a program of this type to be sufficiently widespread to permit the hand-picking of candidates by thorough examination and interviewing processes. Necessary qualities would be the respect and interest mentioned above and the ability to speak or willingness to learn to speak their language. In return the "ambassador" would fulfill his obligation to his country, learn a great deal about a foreign nation, her people and her language, and through the latter come to appreciate more fully our country and her ideals.

Dr. John Sheehan Given Award for Work on Penicillin

An award for his achievements in synthesizing penicillin and for research in the synthesis of peptides will be made to Dr. John C. Sheehan at the annual meeting of the American Chemical Society in Boston April 5-10. The annual prize of \$1000 is given in recognition of "creative work in synthetic organic chemistry."

Announcement that he had succeeded in synthesizing penicillin was made by Dr. Sheehan two years ago. At the ACS meeting he will report on further accomplishments in this field and also in the development of a selective method for synthesizing peptides.

Dr. Sheehan reported at the CIBA Foundation Conference in London in 1958 that he had produced a compound known as 6-aminopenicillanic acid by total synthesis and had converted it into a variety of penicillins. He had succeeded in doing this by chemical means without resorting to the usual fermentation process.

Tech Freshmen Will Present Joint Organ Concert This Sunday

Two MIT freshmen will give a joint organ concert in the Chapel on Sunday, March 15 at 4 p.m. consisting of selections from J. S. Bach and C. M. Widor.

Frederick Pahl III and Paul Schroeder will present the following program which will be open to the public free of charge: Pahl will play "In dir ist Freude," after under im Himmereich," "Prelude in C Major," and Prelude and Fugue in E Minor"; all by Bach.

Schroeder will present "Symphony VI, Adagio and Intermezzo" by Widor and "Herzlich tut mich verlangen," and Toccata and Fugue in D Minor" by Bach.



Janet Dallas, Nancy Meador, Ann Birt, and Joanne Sitarz—four of the models for Monday night's Fashion Show.

The Tech

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Beauty, an Answer

In a recent issue of the *Northeastern News* there appeared an editorial which called for an increased sense of the aesthetic in the engineering profession. It said, in part:

"Engineers have been accused of having little (or no) aesthetic sense; no feeling for the beautiful, the gentle, the subtle. It has been said that their mathematically-oriented minds dwell only in the realms of steel and mortar, sextant and transit. The inappropriate and unlikely cylindrical chapel at MIT does much to prove these critics right."

We believe that such a statement is quite worthy of an answer; for we believe that the MIT chapel is not only appropriate but also beautiful.

Dr. James R. Killian, speaking of one of the purposes of the chapel, has said that it should "provide ready opportunity for students and other members of our community to worship as they choose, to have on campus a building, beautiful and evocative of reverence and meditation, where those who wish may enter and worship God in their fashion."

We feel that the religious structure on our campus fulfills all of these goals. It has no cross, no star or any other particular religious symbol. With only a marble altar it is open to worship by any faith.

The idea of beauty has not remained static over the centuries. It has evolved and grown as man has progressed. Art as expressed on canvas has proceeded from the naturalistic to the realistic and on to contemporary art. In each phase the mind of man became more active and has manifested itself to a greater degree in the creation itself. Man has learned to express himself instead of relying upon only nature and the beauty in his environment. Man has become more subtle; he has not abandoned nature but has taken from it the basic elements which determine its beauty—the symmetry, the unity, the design which leads beyond the surface elements.

There are, indeed, severe critics of modern art—from the paintings of Picasso to the novels of Joyce. Many will say such endeavors are meaningless. Few will deny that they lack unity or design or symmetry. Only those unwilling to search for the subtlety deeply embedded in them—their truth—will decry them as ugly.

The chapel on our campus is such a work of art. Its beauty is of a different nature than the white, high steepled church of the quaint New England countryside. And indeed it should be, for it has but one purpose: To provide a place for the worship of a God. The structure has derived part of its beauty, on the intellectual plane, by its deep symbolic meaning—the separation from the outside world. The entrance with its gray stained glass provides a transitional passage; the interior with no windows looking out, but only a ceiling port which provides light from above, and the white altar, are both symbolic of the divine.

Our chapel provides, in a multitude of ways, all of the basic elements of beauty. It is not traditional, trite beauty. It is a step, or several steps, above the aspects of purely sensual beauty—it derives its grandeur in abstraction and intellect.

The MIT chapel is far beyond "the realms of steel and mortar". It is beauty in the highest sense.

review

Pather Panchali

The great difficulty of communication between the Eastern and the Western worlds lies mostly in the language. I remember a few years ago having watched the Opera of Pekin, which I disliked, mostly because the music and the words were of an entirely new form to me, and I remember also how much "snobs" of the higher spheres were absolutely charmed by it, because they didn't really care.

"Pather Panchali", currently showing at the Exeter, is one of these Oriental movies, such as "Rashomon" or the "Seven Samurais", where East tries to make itself understood by the plastic rather than the spoken language. It won the "Cannes Festival Award" and I am glad it did, but I do think there were better choices. This picture is intended for admirers of the Seventh Art, not for spectators. The

plastic form, the photographic language are poetic as very few movies can be, the composition is absolutely perfect, and it says more in a few shots than any picture with extended dialogue. Unfortunately the language of the images is much slower than the common language of the loud-speaker and it tends to drag a little, to concentrate on a level very few like to stay on for two hours. There is practically no acting, the people being natural and letting the camera say the rest. There is a touch of direction, unnecessary for the general purpose of this lyric masterpiece. There is no consistent or central plot, and no need for one.

"Pather Panchali" shows us the misery of India, the poor condition of its people; the very slight hope which dominates the spectator, hope for a better life, never seems to occur to the local population, satisfied with the tradition of dirtiness and insecurity, of death and old age. And this old age is admirably represented here by an old woman, the dream of any Dutch painter of the seventeenth century: her dramatic face, her conformism to the will of the younger people, her desperate need of food, of warmth, leads her to a decadence, a pitiful heart-breaking condition of a human puppet, whose strings are broken one by one, until the last one vanishes as the rain season arrives. A beautiful portrait, a sad prospect of indecency coming from the young generation towards this useless old woman makes one think of being always young and irresponsible for fear of what may happen.

All these qualities should be enough to take the spectator to the show, but you have to be particularly interested in the artistic side of the motion picture business to fully appreciate the value of "Pather Panchali."

Jean Pierre Frankenhuis '61

half notes

Last Sunday afternoon saw the merging on the musical scene of Cambridge's two largest institutions of higher learning when the bands of MIT and Harvard joined forces in Kresge. The 125 piece group played to a small but appreciative audience. The program, which ranged from the classics of original band music (Holst's "First Suite"), a regular part of the MIT group's repertoire, to a Leroy Anderson arrangement of Harvard songs, concluded with an unrehearsed, but nonetheless creditable, encore—Sousa's "Stars and Stripes Forever."

Included among the works to be performed by the MIT Symphony this spring (with concerts at Mt. Holyoke and here) are two piano concerti, one each by Beethoven and Mozart, Beethoven's "Coriolanus Overture", and Rimsky-Korsakov's "Scheherazade." For those of you who prefer Baroque music, add Handel's "Concerto Grosso" to the list. If you're interested in playing this type of music why not come to a rehearsal (Tuesdays at 7:30 in Kresge). Qualified string players are always welcome.

A reminder to all dormant debutants, All Tech Sing is a mere month away. It would be nice to see this year's program feature many new entries both for the coveted gold cup and of course, Egbert. The sing will be presided over by a man of renowned wit and effervescent humor; Dean Fasset. An evening not to miss: April 10th.

quarter notes

Both the Concert Band and the Glee Club will be traveling this weekend. The band to Atlantic Union and our songmen to Colby Junior in New Hampshire . . . On campus, there's another free organ concert Sunday at 4 in the chapel . . . Next weekend brings the Mount Holyoke Glee Club on campus to perform with the Glee Club and Orchestra in Purcell's "Fairy Queen"; that's Saturday at 8:30 and the final Humanities Series Concert featuring Prof. Ernst Levy on Sunday . . . Rumor has it that this year's Egbert has been banned in Boston . . . Leave Sunday, May 3rd open for the annual Tech Night at the Pops.

Kent Kresa '59
Tom Farquhar '60

college world

LAMENT

To think I
wasted
all that time money gas
and
(worst of all)
affection
straining to impress her
with my need
for her
presence in my mystical
cosmology
Only to find
after some months
that she didn't
(or at least wouldn't)
because she was engaged to
some clod from
The Massachusetts Institute of Technology.

—The McGill Daily

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Lincoln Lab Research

Boston, Jughandle, And Millstone Radars Give Birth To Arctic DEWS And BMEWS

"The fact which dominates our lives in this space age is that two great powers are competing for world leadership." This is the thought that dominates the life of Dr. Carl F. J. Overhage, Director of Lincoln Laboratory.

"A good deal of thought is being given to the possibility of a third and thermonuclear war. We are determined to avoid such a war. We hope to do this by establishing an equilibrium between the United States and its potential enemies."

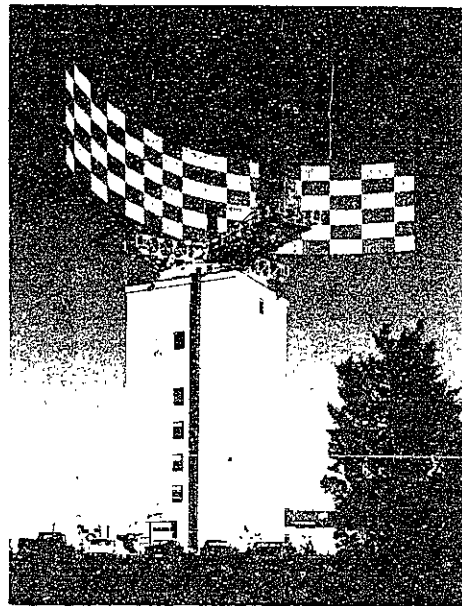
Dr. Overhage told the regional conference of the Massachusetts Institute of Technology that one of the big problems under study at Lincoln Laboratory is the detection and tracking of hostile space vehicles. Dr. Overhage said, "I can only suggest the nature of some of the difficulties that must be overcome. The hostile ballistic missile that carries an atomic warhead may be accompanied by so-called decoys, light and inexpensive objects which travel through space on the same orbit, and which the radar cannot easily distinguish from the real article. The enemy may also attempt to confuse our radars by signals from jamming transmitters."

The radars to which Dr. Overhage refers are the spawn of those prototypes that Lincoln Laboratory has erected on Jughandle Hill, 120 miles away in Maine; the impressive 84-

foot parabolic reflector mounted 90 feet above the ground on the top of Millstone Hill in Westford, 30 miles northwest of Boston; and the brand new experimental high-power radar which recently went into operation at Lincoln's Boston Hill Site, North Andover, Massachusetts.

Back to the enemy, Dr. Overhage said, "We may try to saturate our defenses by launching several closely spaced small warheads instead of a single large one. In working towards solutions of these problems . . . we are handicapped by not knowing nearly enough about the physical phenomena associated with the re-entry of a space vehicle into the atmosphere. We are trying to acquire this knowledge by making observations at the far end of our test ranges, but it is a slow and expensive program. To the greatest possible extent we must therefore seek to explore these phenomena in laboratory experiments."

These are some of the problems which face the more than 500 scientists and engineers and 1,000 staff members now at Lincoln Laboratory. Dr. Overhage, who is 49, became director of the lab in February, 1957. He has had a distinguished record at MIT, as leader of a research group at MIT's wartime Radiation Laboratory from 1942 to 1945, and as a member of a group studying special problems of national defense. He has



A new experimental high-power radar at Boston Hill, North Andover, Massachusetts.

also served as director of the Color Technology Division of the Eastman Kodak Company.

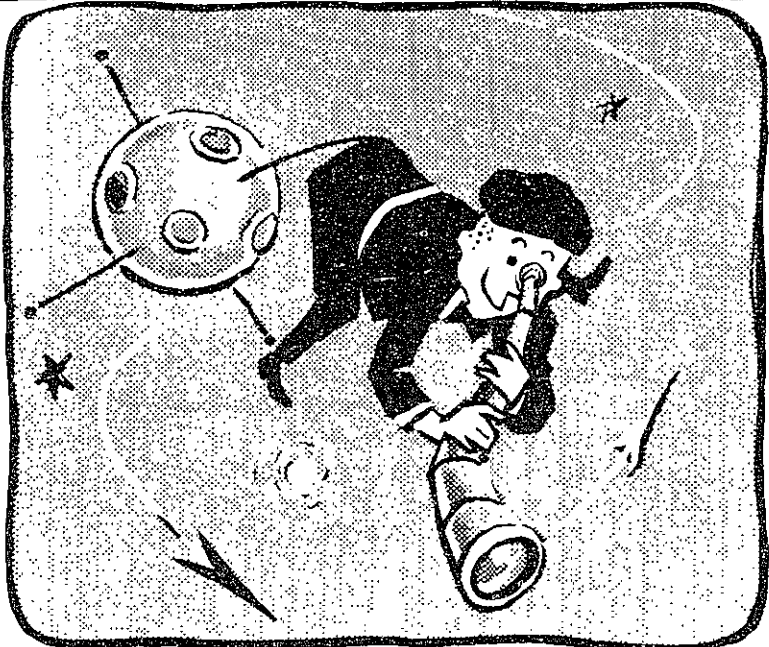
When he rejoined the Lincoln Laboratory staff in 1955, it was in prototype evaluation of the SAGE System that he specialized in. This is the Semi-Automatic Ground Environment System which makes possible the control of air battles over a vast area. Computers, radar, and instruction from the command through electronic devices provide in SAGE a nearly automatic means of guiding aircraft or missiles to intercept and destroy hostile air vehicles.

In explaining the development of SAGE, Dr. Overhage said, "The existence of . . . resources in experience and talent at MIT made it possible to escape the responsibility for translating the new concept from a committee report to an operational reality. The decision . . . was in the best tradition of an institution which, in the words of Dr. Stratton, is characterized by a 'relatedness to the world of action as well as to the world of thought.'"

BMEWS is the designation for the Lincoln Lab designs of the Air Force's Ballistic Missile Early Warning System stations to be placed even farther north than DEWS in the Arctic region. These BMEWS will be constructed on the Millstone Hill design.

Though the specific interest at Lincoln Laboratory is in the detection and tracking of a missile, there is also the problem of intercepting and

(Continued on page 6)



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Sports Illustrated Honors Schumacker Coed Receives "Pat-On-The-Back" Award

Sports Illustrated, national sporting magazine, paid tribute to MIT's outstanding swimmer, coed Betsy Schumacker '60, by presenting her with their "Pat-On-The-Back Award" last Saturday at the Alumni Pool before the New England Intercollegiate Swimming Championships. Her picture and an article on her achievements appeared in the March 9 issue of the magazine.

The trophy was awarded in recognition of her great aquatic feats which include the holding of two Middle Atlantic women's records and one National Junior women's record. Last summer, Miss Schumacker won both the 200- and 400-yard women's individual medleys at the Middle Atlantic Championships. In doing so, she established new marks of 2:33.2 and 6:08.4, respectively. Earlier in the year, she captured the National Junior 200-yard backstroke title while setting a record.

Swims Every Morning

The blonde coed keeps a strenuous training schedule that includes practicing from 7:30 to 9:00 every morning and from 4:00 to 5:30 in the afternoon. During the later period, she was able to work with the varsity and freshman teams until their season ended.

Betsy, a mathematics major from Philadelphia, Pa., returns to her home town in two weeks for the Middle Atlantic Championships. She has won two or three events every year for the past four, and this time will enter three races. She hasn't yet decided which contests to try.

Students to Compete In Interclass Track Meet This Weekend

The annual winter Interclass track meet will be held this afternoon and tomorrow at Briggs Field. The meet, which marks the formal end of winter competition for the Beaver trackmen, is open to all students at Tech. Field events, the 35-pound weight throw, shotput, pole vault, broad jump and high jump, begin this afternoon at 5 p.m. in Rockwell Cage. The running events will be held tomorrow at 1 p.m. on the Briggs Field boards.

The Class of '61 will be seeking their third Interclass Meet victory in four tries and their second in a row. The sophomores took fall and spring contests last year while losing in the winter to the Class of '58.

Interservice Title to AFROTC Hoopsters After Beating Army

A fast moving Air Force ROTC quintet defeated their Army counterparts 39-32, early last week at the Rockwell Cage; this victory, coupled with a previous win over the Navy ROTC cagers, gave the Airmen the MIT Interservice Basketball Championship.

The victors found the scoring range first, but the men in khaki fought back, and at the end of a closely played first quarter, the count was tied at 6-6. From the opening jump of the following period, the Air Force was airborne with Chet Riley '62 and Mike Feder '61 controlling the boards despite the Army's 6' 6" Walt Humann '59. When the buzzer sounded the end of the half, the men in blue held a commanding 17-11 lead.

The losers closed the gap in the third quarter, but they never quite caught up. The Airmen's Dick Pack '60 poured in a few baskets from far out to insure the margin and to earn top scoring honors for the victors with 9 points. Humann topped all the hoopsters with 15, in addition to handling the coaching duties for the Army five. The Air Force cagers were under the tutelage of Sergeant Donald E. Tatterfield.



MIT's President Julius A. Stratton congratulates Betsy Schumacker '60 on her receipt of Sports Illustrated "Pat-on-the-Back" Award last Saturday.



Sunday Evening MARCH 15 at 8 o'clock
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"Psychological Danger Signals in
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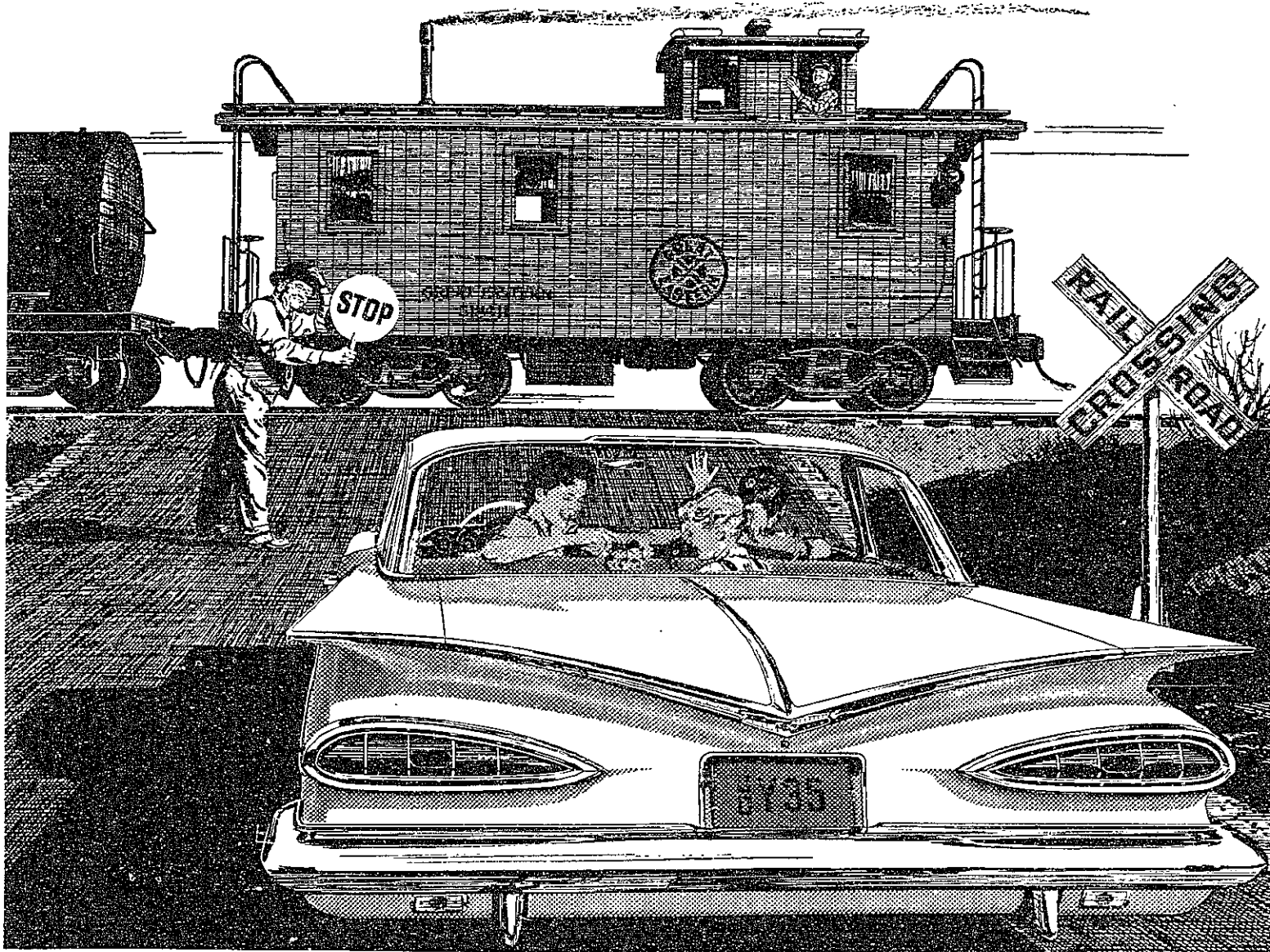
Earn \$1,000 this summer. Man with car can earn \$50 a week part-time or \$100 up full-time in his own home town calling on old customers of a national corporation. See Mr. Ford 4:00 p.m. sharp or 5:00 p.m. sharp Wednesday, March 18, Room 1-379.

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Impala Sport Coupe—like every Chevy—has Safety Plate Glass all around.

Chevy stops quickest... goes farthest on a gallon!

Chevy showed the best brakes of the leading low-priced three in a test of repeated stops at highway speeds conducted and certified by NASCAR*. Chevy also won over the other two in a NASCAR economy run—with the highest gas mileage for 6's and V8's at cruising speeds of just over 55 miles an hour.

Here's a car that knows how to get the most out of a gallon. And it's the only car in its field to bring you hydraulic valve lifters in all popular engines—6 and V8. This means smoother, quieter performance for you.

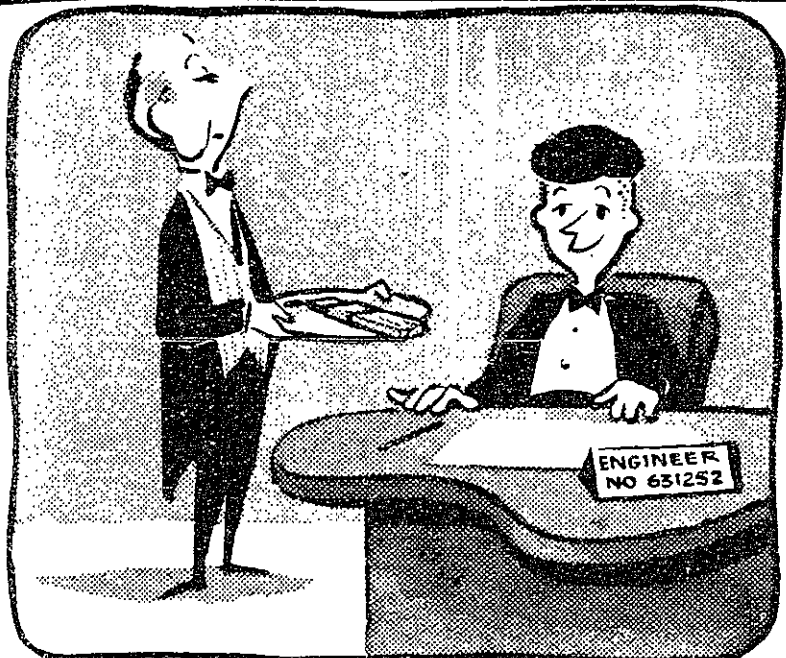
There are many other advances just as fundamental as the efficiency of Chevrolet's engines and the depend-

ability of its new brakes (with more lining area than any other low-priced car). But why not stop by your dealer's and let Chevy do its own sweet talking!

CHEVROLET

*National Association for Stock Car Advancement and Research.

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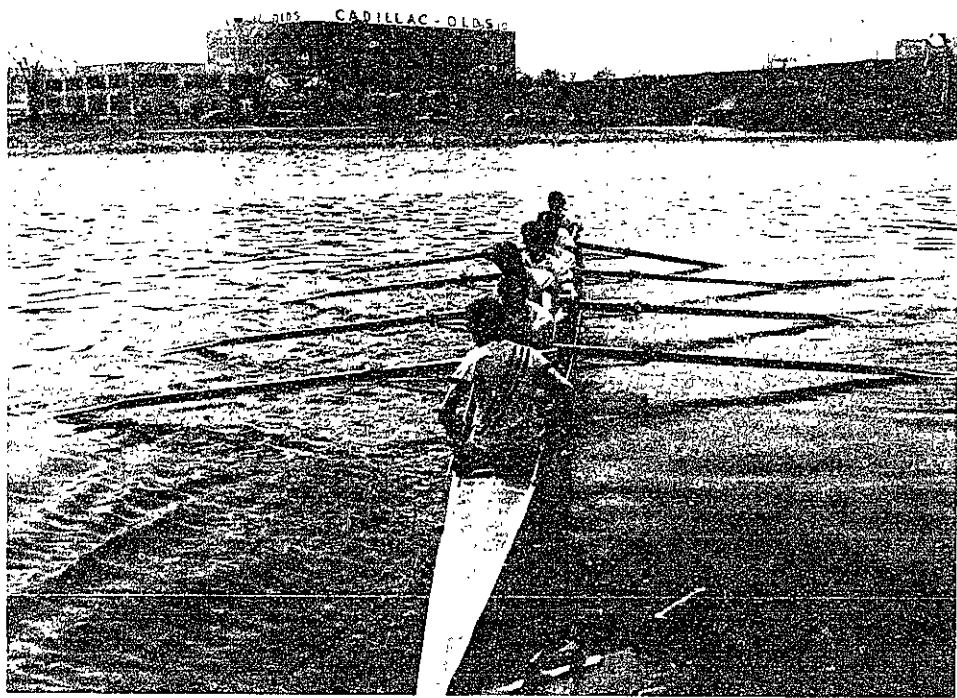
Looking for a company where research and development are primary missions? Where a big share of earnings goes into new research equipment? Where one out of eight employees is an engineer? Where professional matters get quick corporate attention from engineers in top management? See our representative. He may have a clue.

OUR REPRESENTATIVE WILL BE IN YOUR PLACEMENT OFFICE
March 16, 17

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Coach Burke to Leave Institute in May

Rites of Spring



MIT's crews began working out on the Charles last week, a sign that spring is approaching. Above are last year's varsity heavies.

MIT basketball and golf coach John H. Burke, Jr. has resigned, effective May 27th, athletic director Richard L. Balch announced today. In making the announcement, Balch expressed the sincere regret of the MIT community and wished Burke well in his future endeavors.

Burke, 34, has been at Tech three years. A native of Morristown, N. J., he is a former four-sport star at Springfield College, Class of '50. Burke was captain of basketball and an All-East selection as a senior. He coached freshman sports at Wesleyan University for four years and was athletic director at Grosse Pointe University School in Michigan for one year before coming here.

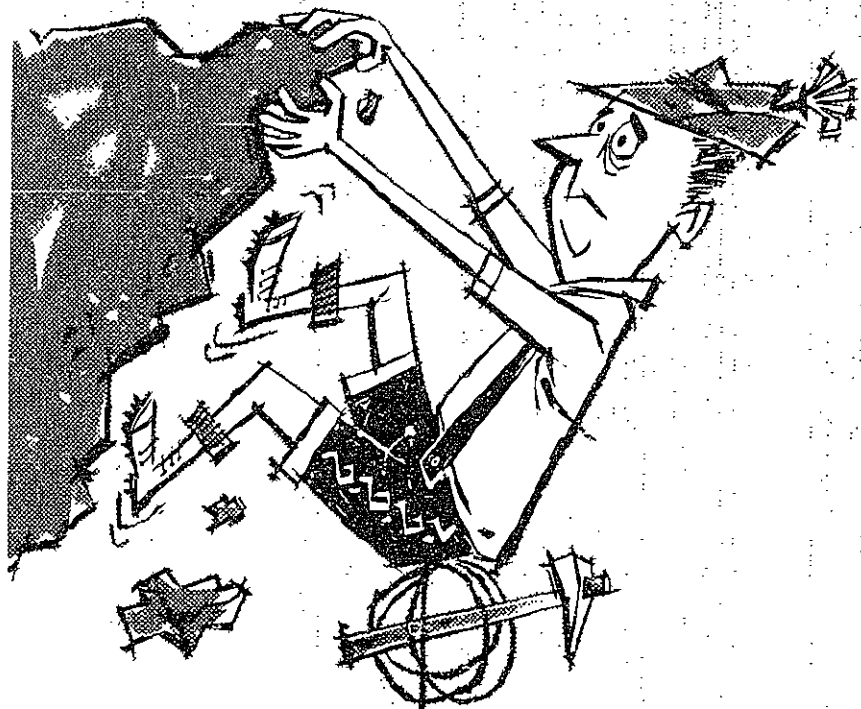
"I have enjoyed very pleasant associations at M.I.T. and regret saying good-bye to these future science and engineering leaders of our country," said Burke.

"However, I feel I must make a move now to seek a new challenge. I would prefer to concentrate solely on basketball in my coaching, possibly in a job which could combine with my summer golf work."

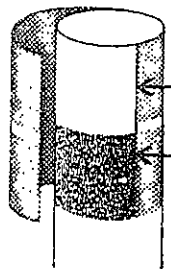
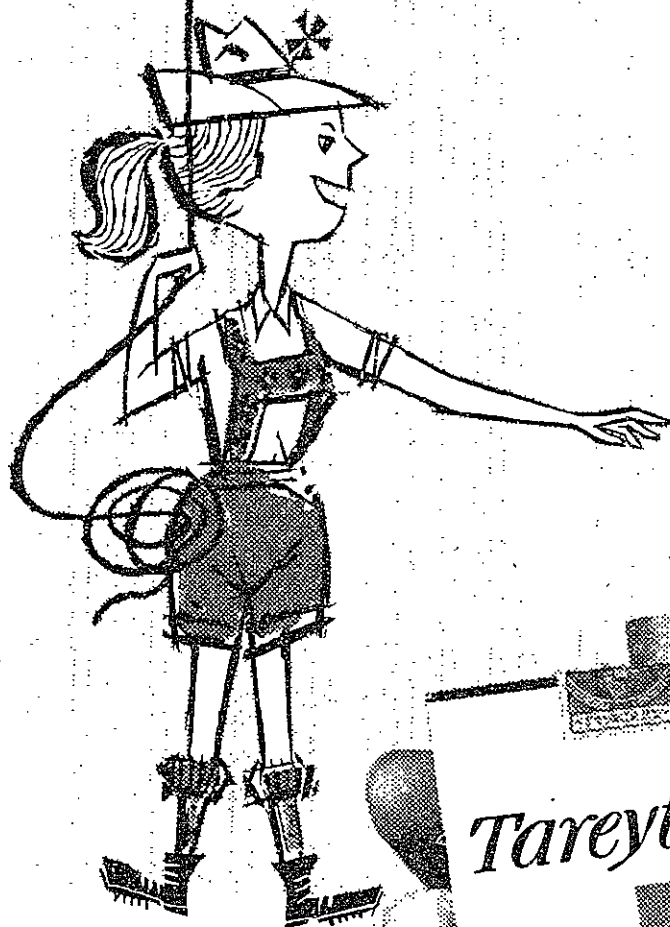
Burke is a Class A member of the Professional Golfers' Association. He has been the professional at Prouts Neck C.C. in Prouts Neck, Me., for the past five years.

BASEBALL

Varsity and Frosh Baseball tryouts are now being held in Rockwell Cage, Monday through Friday at 5:15 p.m. In addition to players, the team is in need of students interested in managing.



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March

MARCH 19

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VII World Youth Festival Will Be In Vienna, July 26

The United States Festival Committee has been designated as the official American organization to arrange for American participation in the Seventh World Youth Festival.

This festival will be held in Vienna, July 26 through August 4, 1959. It is one of a series of youth events organized since the end of the war by two international groups: the World Federation of Democratic Youth and the International Union of Students. The July-August meeting will be the first held outside of the Soviet orbit.

Committees to promote the Festival have been organized on some college campuses. The U. S. Festival Committee predicts attendance from 130 countries.

The event is bi-annual and about 35 countries are to perform in the program which will be mostly discussion in varied fields of work and study. But a special program is to be devoted to competition classical singing, piano, folk dancing, and other music.

A group known as the Independent Service for Information on the Vienna Youth Festival at Harvard University believes that many American young people do not fully realize the political and propagandistic nature of such festivals as the one to be held in Austria this summer. The group, at 324 College House Offices, Harvard Square, will supply background data and information to young people who decide to attend or might visit the Festival briefly while traveling in Europe.

The organizers of the Information Service themselves support a boycott of the Festival and deny it any official prestige. At the same time, they be-

lieve that participation can be valuable if the individuals attending, are fully informed as to the nature and purpose of such a meeting so as to lessen the exploitation of their presence for propaganda purposes. The Service thinks that American participants should be equipped to effectively present a democratic viewpoint, dispel particular misconceptions of American society, and thus promote understanding with young people from many countries who will be present.

SAGE—

(Continued from page 3)

destroying it once it has been identified in its orbit as hostile. This, Dr. Overhage says, is "the so-called active phase of defense. Here the electronics engineer shares the stage with the missile designer and the nuclear weapons specialist, and the security people see to it that the whole performance takes place behind a closed curtain."

But, as Dr. Overhage points out in the March *Technology Review*, there are other phases of work at Lincoln. Solid State Physics is one of the broad areas in which Lincoln is seeking to advance general scientific insight. He says that MIT has played a pioneering role in the development of the ferrite memory core which is utilized in the high speed memories of most of the modern computers. Under the leadership of Benjamin Lax '49, one of the country's outstanding solid state teams has been built up at Lincoln Laboratory.

Another research area is the field of intercommunication between man and machines. Dr. Overhage says,

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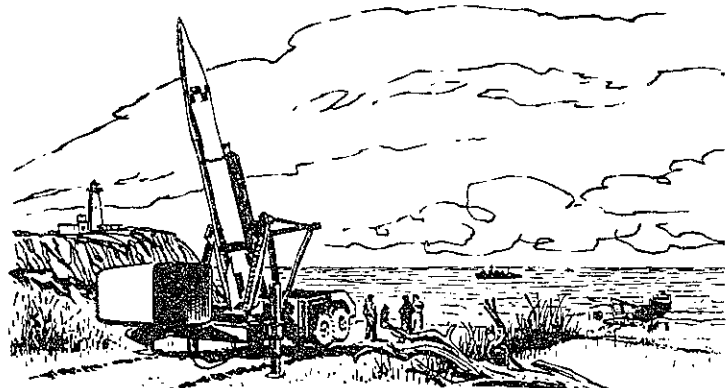
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U.S. CITIZENSHIP REQUIRED

ON CAMPUS
INTERVIEWS

MARCH 19, 20



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