

## Centennial Plans Revealed; Events Scheduled All Year

"We are happy to announce that the firm outlines of a program for the Institute's Centennial Celebration in 1961 have now been established." With this statement, the Committee on Centennial Celebration, headed by Dean John E. Burchard of the School of Humanities, announced to faculty and staff members yesterday the formulation of plans for MIT's one-hundredth anniversary.

MIT received its charter from the Commonwealth of Massachusetts on April 10, 1861. Although the celebration will begin next fall and continue through 1961, Centennial Week has been set for April 2 through the 10th. A concentration of activities will lead the week to its climax on April 10th.

### Conference On Education

A closed conference on scientific and technological education, scheduled for the first 5 days of Centennial Week, will be one of the major events of the celebration. Newspaper writers, educators and governmental officials will be among those invited to attend. The publication of an important book on scientific education is one of the hoped-for outcomes of the conference, for which 100 people will be invited to attend. A committee composed of Professors Rosenblith, Shapiro, and Millikan, Dean Johnson and as Chairman, Professor Whitman is in charge of making arrangements for the meetings.

### World Problems Discussion

Beginning April 7, there will be a three day series of meetings devoted to the discussion of practical and philosophical world problems. Panels for the discussions will be taken from the group invited to attend the closed session, while an international personage will address the opening session.

MIT's founding date banquet will be held on the evening of April 8 at the Statler Hotel. This, along with a formal centennial convocation and academic procession to be held on the afternoon of Sunday, April 9, will be the culmination of the centennial festivities. A centennial concert, to be given by a yet-unannounced group, will be given Sunday evening in Kresge Auditorium.

A Centennial Album of important music that has been played or recorded at MIT will be released during Centennial Week. A Centennial Essay on education, a travelling exhibition of photographs illustrating the influence of engineering on architecture over the past century, and the possible issuance of a postage stamp are in the planning stages.

### MIT On CBS-TV Series

MIT will be brought to the attention of the nation with a series of one hour long television shows to be broadcast on CBS. The shows, which will receive prime evening time beginning next fall and extending into 1961, will be devoted to broad issues involving science, technology, and society.

Other activities not directly under the committee will also highlight the centennial celebration. *Tech Engineering News* and *Technique* are both planning special issues for the celebration, while the *Technology Review* is also working on its Centennial Year volume. The School of Industrial Management will hold a special conference to observe both the Institute's centennial and its own tenth anniversary.

## Second Century Program Asks For \$66,000,000

MIT today unveiled its Second Century Program for broad advances in education and research to help "fulfill its national responsibilities." In support of this program the Institute is seeking funds totalling \$66,000,000, of which \$26,000,000 has already been contributed or pledged.

The announcement was made jointly by Dr. James R. Killian, Jr., chairman of the MIT Corporation, and Dr. Julius A. Stratton, president. Solicitation for special gifts will be conducted during coming months. An appeal to 48,000 alumni, to industry, foundations and to the public will be made in 1961, when MIT celebrates its centennial.

Alfred P. Sloan, Jr., former president and now honorary chairman of the board of General Motors Corporation, will serve as honorary chairman of the Second Century Fund, and John J. Wilson, Boston industrialist, as general chairman. Both are MIT alumni. More than 5,000 other alumni and leaders in science and business will be enlisted as a national campaign committee.

The total to be raised is one of the largest ever sought by any university. The Fund will be used, Dr. Killian said, in bold measures to adapt education and research to the demands of a new era. About \$30,000,000 will go to new buildings, but more than half the total fund will be used to strengthen education at MIT in other ways.

"Of the total for buildings," Dr. Killian explained, "\$24,500,000 will be for five new interdepartmental centers of graduate study and research which will greatly increase the quality of the educational process at both the undergraduate and graduate levels and will achieve new strength in fields of unfolding importance to science, engineering and industry."

"During its first century, MIT has produced generations of leaders — engineers, scientists, industrialists and architects who have played major roles in building our nation," Dr. Killian said. "MIT has a world-wide reputation for excellence. But even before our second century is upon us we are faced with a new order of responsibilities in a world that is vastly different from the one we have known in the past. Technology is advancing at an accelerating rate. We must adapt ourselves to new circumstances. We must be prepared to

meet our responsibilities toward the educational, economic, military and technological requirements of America which now call for new levels of professional accomplishment."

The general areas in which the Second Century Fund will be used are: For five new centers for graduate study and research

Educational innovations in the five MIT Schools	\$16,500,000
Improvement of student housing and community facilities	\$12,000,000
Basic research	\$ 6,000,000
Endowed professorships	\$ 4,000,000
Scholarships and loans	\$ 3,000,000

Among the gifts already made to the fund are the following, which have been previously announced: \$9,275,000 from the Ford Foundation for the advancement of engineering education; \$6,000,000 from Dr. and Mrs. Cecil H. Green of Dallas, Texas, for a building for the Center for Earth Sciences; \$5,000,000 from the Alfred P. Sloan Foundation for basic research; \$1,500,000 from an anonymous donor for a women's dormitory, and \$1,250,000 from Mr. and Mrs. Eugene McDermott of Dallas for undergraduate scholarships in the earth sciences and related fields.

### Maintain the Highest Standards

The \$66,000,000 represents the minimum MIT needs to meet its responsibilities, Dr. Stratton said. The plans do not contemplate a substantial increase in the enrollment but rather are based on a conviction that MIT's greatest obligation is to maintain the highest standards of quality in education and research.

"It is absolutely essential at this juncture in history for the United States to stay in the forefront of science and technology," Dr. Stratton said. "The role of a technological institution in this effort is crucial. In great measure, the future will depend on our ability to educate properly the creative young people who will provide leadership in new areas of science, technology and industrial management in the years ahead."

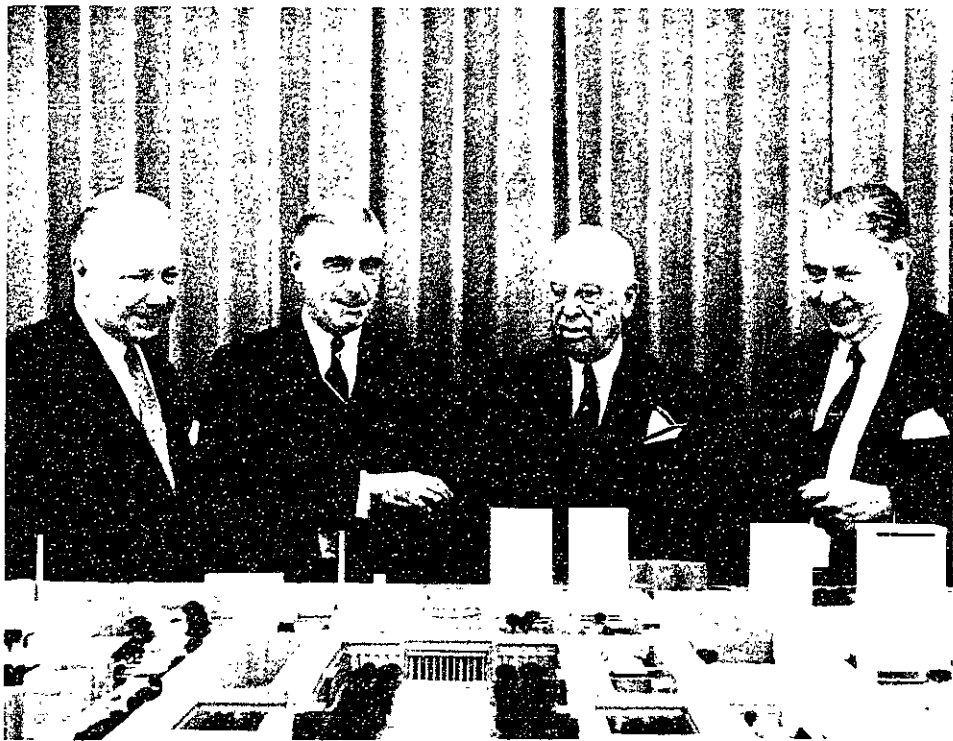
"Therefore, we have decided to seek \$16,500,000 for the improvement of the curricula, methods, and laboratory facilities in our five schools, and \$24,500,000 for concentrated effort in five critical fields of interdepartmental teaching and research.

### \$12,000,000 For Student Facilities

"MIT has built only one new dormitory in the past 29 years. Yet modern education involves not only lectures and laboratories but the entire campus environment. To strengthen this aspect of our educational plan, we must raise \$12,000,000 for student facilities. Half of this will be used in the creation of a center for graduate students. The other half will go to undergraduate facilities — the remodeling of old dormitories, the construction of a new student center and

(Continued on page 8)

## Institute Model Draws Praise



— MIT Photo

The Massachusetts Institute of Technology of the future is shown in this photograph of a model prepared in planning the \$66,000,000 Second Century Fund for MIT. Left to right are Dr. Julius A. Stratton, President of MIT; John J. Wilson, Boston, general chairman of the Fund; Alfred P. Sloan, Jr., New York, honorary chairman of the Fund, and Dr. James R. Killian, Jr., chairman of the MIT Corporation.

## Visiting Professor

## Aldous Huxley Will Lecture At Institute

Aldous Huxley, one of today's most penetrating and versatile writers and philosophers, will be a member of the faculty of the Massachusetts Institute of Technology during the fall of 1960, President Julius A. Stratton announced today.

An author whose works include a famous satire *Brave New World*, of a future tyranny of science and technology over humanity, Mr. Huxley has accepted an appointment as Visiting Professor of Humanities for the fall term.

### Nature of Man

At MIT he will discuss "The Nature of Man" in a series of public lectures in Kresge Auditorium and will participate in several discussion meetings at the Institute. In addition, he will conduct the Humanities Senior Seminar of the MIT study program in humanities, science and engineering.

Now 66, Mr. Huxley has written for four decades in many different genres and his works — including novels, short stories, essays, criticism, poetry, biography, travel and plays — have established him as a major figure in contemporary literature in English.

"Mr. Huxley's incisive pen, supported by a wide knowledge of science and philosophy, has made him a forceful critic of present-day social mores," Dr. John E. Burchard, dean of the MIT School of Humanities and Social Science, said. "In coming to MIT, he will give the Cambridge community a rare occasion to discuss the directions of

20th Century society and to assess the important social implications of science and technology."

### Reality and Illusion Contrast

Mr. Huxley's lectures at MIT will in part adhere to his preference for contrasting reality and illusion, his concern with mysticism and his antipathy toward materialism. In discussing plans for the lectures, he said:

"My idea would be to give a series of talks on the nature of man — beginning with earlier conceptions of personality, going on to discuss contemporary answers to the question of who and what we are, following these up with discussions of the relationship between immediate experience and symbols which would be a prelude to discussions on the nature of art and religion, and finally the prospect of actualizing the latent potentialities, which in most people remain unanswered."

A resident of California since 1937, Mr. Huxley was born in Surrey England, the grandson of the great biologist Thomas H. Huxley and a grandnephew of Matthew Arnold. His brother, Julian Huxley, is a well-known scientist and writer.

Mr. Huxley received his formal education at Eton and Oxford. He began to write fiction in about 1920 and until 1931 produced about one novel a year. The 1920s he spent mostly in Italy, with visits to India and the Orient during that period. In 1937 he moved to California, where he has been active in Vedanta and other religious groups.

Among Mr. Huxley's major works are the novels "Crome Yellow" (1921), "Point Counter Point" (1928), "Brave New World" (1932), "Eyeless in Gaza" (1936) and "After Many a Summer" (1939).

Mr. Huxley's many honors include the Gold Medal Award for the Novel presented by the American Academy of Arts and Letters in 1959. In the spring of this year, he was Sloan Professor at the Menninger Clinic.

Mr. Huxley will return to MIT in the spring of 1961 to take part in the exercises marking the Centennial of the Institute.

## Sophomore Withdrawal Required; Used Master Key

Possession and attempted use of an unauthorized master key were the reasons given by the Faculty Committee on Discipline for requiring a sophomore to withdraw last Thursday. His name was undisclosed. He had been guilty of other minor offenses previously, resulting in his being put on "pencil probation" in his dormitory's judicial committee.

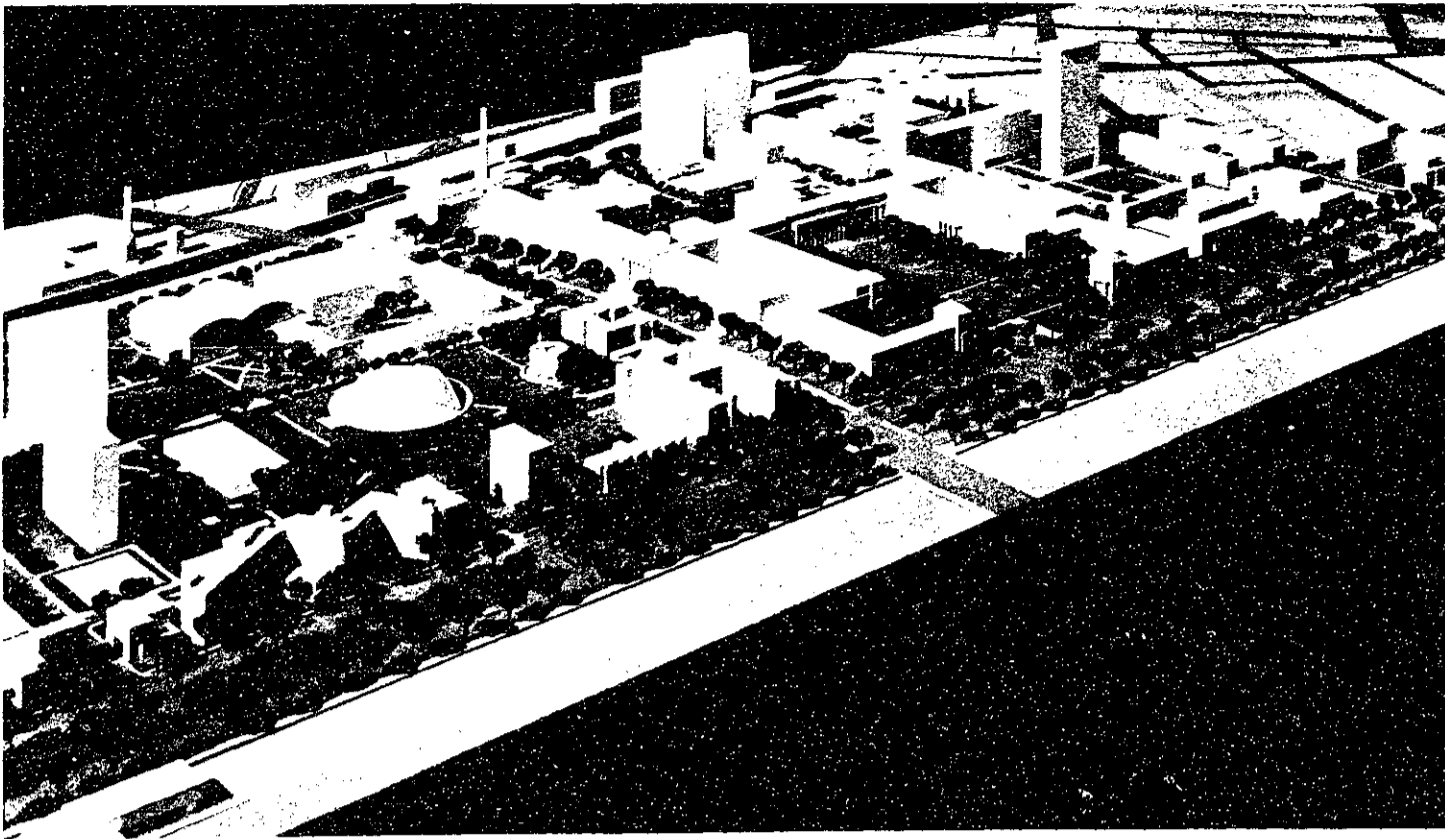
He was required to appear before the Committee the afternoon of the same day. The ruling was that the student in question leave after final exams, and not be permitted to return to the Institute next September. No petition for readmission will be entertained until September of 1961. The action demonstrates the Committee's strong feeling that possession of an unauthorized master key is a very serious offense.

Dean of Students John T. Rule

stated that the Faculty Committee on Discipline felt that all students should be fully aware of the implications of the possession of unauthorized keys. Not only is such possession a serious offense in itself, he stated, but when a burglary occurs anyone known to have such a key or subsequently found with one is automatically under suspicion. He also emphasized that anyone possessing such a key should destroy it in such a manner that it is impossible for unauthorized persons to use it or duplicate it.

The student was apprehended in the early morning hours of May 19 attempting to enter Buildings 26 and 24.

# A PLAN FOR THE FUTURE



— Photo © by Ezra Stoller

## The MIT To Be

When we first got wind of the Second Century Fund, we stepped over to a certain conference room on the second floor of Building Seven to view at first hand the three-dimensional wooden model of the present and future MIT which is pictured above. We came intending only to stay for a minute, but remained much longer. The impressive ten-by-three-foot model spreads out in tangible form for the viewer the plan for MIT's development in the next decade or two. It communicates at once, through its great size and realistic detail, a tremendous feeling of excitement to anyone who is interested in or concerned with the future of MIT.

The new Earth Sciences Center, now virtually a reality, towers over East Campus, dwarfing the library and the eight-story Dorrance Lab. Behind the main dome bulk the equally large Centers for Communication Sciences and Materials Science and Engineering. Serving to balance these three huge East Campus symbols of a growing MIT will be the tall buildings of the other centers for graduate study to be located behind Baker. A quite pretentious student center on Massachusetts Avenue complements the DuPont Athletic Center. Other developments catch the eye: a new boathouse on the Charles between Baker and Burton, the gap between Buildings Seven and Thirty-Five filled, the Dorrance Lab doubled in length, the new Women's Dorm.

Yes, the model is exciting. It communicates a sense of purpose, and of great things to come. It almost makes one want to stay on at MIT, in a sort of half-wish that he could be a student all over again, when the new buildings are in use. And it comes very close to making editors of *The Tech* want to reverse previous editorial stands about the lack of an overall plan in the architecture of MIT. Earlier this month we called the present assemblage of buildings a "hodgepodge", and complained that some of the buildings clashed with others. But the long-range plan of the Institute, as pictured above, does not make it a hodgepodge. Hoping that our readers will accept our previous judgment as one formed too hastily at a transition point in MIT's building plan, and with only a momentary wince at the oval windows in the new Earth Sciences Center, we bid the Second Century Fund godspeed.

## The Tech



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## Letters:

Sir:

With regard to the recent exchange of views between you and Messrs. Meehan, Dattner, and Draper regarding the collection of "space junk" exhibited in Building 7:

I feel that your editorial comments re Mr. Dattner's letter are representative of the typical outlook held by the average American. . . . It is unfortunate that those who one would hope would take a definite, positive, constructive stand against this madness are possessed with such a do-nothing, helpless attitude.

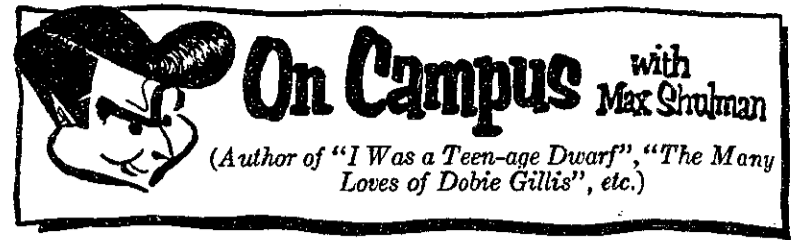
I would like to think that in this present age of "enlightenment" we (scientifically and technically educated ones) would attempt to break the vicious circle of increasing armaments and reliance upon "things" for our salvation.

I think that it is high time that this ancient fallacious chain of reasoning were broken. I feel that we as scientists and engineers must bear the responsibilities for our works. We must adopt a new role in consonance with the magnitude of the powers which we have liberated and harnessed. I think it can be said that the scientist in general is a selfish individual. He wants to do his research to satisfy his native curiosity. He dwells in an ivory tower because this isolates him from disturbing outside influences. He will work for anyone who will pay him well and allow him to pursue his interests with the minimum of interference. As a scientist I feel that I too have been blinded by the enthusiasm of scientific exploration and until recently have been prone to ignore the rumblings from the explosions set off by the hands of the individuals to which the powers we have unleashed have been entrusted. Now the floor is shaking from the blasts of hopelessly inefficient chemical rockets frenziedly set off in a mad orgy of squandered money, minds and material, so that the great U. S. may reach the moon first. Isn't it about time that we scientists as a group awoke to the realization that no one is going to shoulder the responsibility for our creations for us! That we as a group must adopt this responsibility for ourselves. I think that if we as a group and that includes the Russian scientists as well were to apply brakes to the mighty war efforts we and they are engendering, the more war-like individuals in our respective societies could fight out their respective battles with sticks and clubs without endangering the rest of mankind. The facts of the situation are these. We are all well fed and are materially happy. The scientific knowledge necessary for providing the necessities of food and comfort were known decades ago. If this great scientific colossus dedicated to the abatement of war were just cut off — we wouldn't need any "break-throughs" in the social sciences — if the weapons and knowhow were just withheld — then where would the Hitlers, Stalins and Mao's of our times get the weapons to pursue their neurotic will to power! For us as scientists and engineers, this is our personal decision and ours alone. It is now high time for us to look ahead of our selfish interests in scientific exploration and consider the consequences of our works, and then, act according to the dictates of our conscience.

— BRUCE E. DE PALMA, '58

The "do-nothing, helpless attitude" to which Mr. De Palma refers is hardly an accurate description of THE TECH's editorial stand, which was to encourage discussion of the problem, and proffer this page as a forum for the debate. It is a better description of the reaction of the MIT community of students and faculty to our stand and our offer. The letter from Mr. De Palma, who is currently working in industry, is the only one we have received on the question. We regret that we must present half a picture, but we do so due to the disappointing lack of interest on the part of supporters of either side here at MIT.

— ED.



## TILL WE MEET AGAIN

Today I conclude my sixth year of writing columns for the makers of Marlboro and Philip Morris cigarettes. It has been my custom during these six years to make no attempt to be funny in this final column. (I have achieved this objective many times during the year also, but never on purpose.) The reasons for the lack of levity in this final column are two: first, you are preparing for final exams and, short of holding you down and tickling you, there is no way in the world to make you laugh at this time; and, second, for many of us this is a leave-taking, and leave-takings, I think, ought not be flippant.

If I have brought you a moment or two of cheer during the past year, I am rewarded. If I have persuaded you to try Marlboro or Philip Morris cigarettes, you are rewarded.

Let me pause here to express my heartfelt gratitude to the makers of Marlboro and Philip Morris. They have given me complete freedom in the writing of these columns. There has not been the slightest hint of censorship. They have never changed so much as one comma in my copy. I wish to take this occasion to state publicly that I am forever grateful to these enlightened tobaccoists and I hereby serve notice that if they find it in their corporate heart to engage me for another year of columning, I shall require a substantial increase in salary.

The money is not what matters—not as money, that is, but only as a token. I want to be assured that they love me as much as I love Marlboro and Philip Morris. And what, indeed, is not to love? Marlboro is a cigarette which proves beyond cavil that flavor did not go out when filters came in. Philip Morris is a cigarette that is pure mildness from lip-end to tip-end. Both of these estimable smokes come in soft-pack or flip-top box. Neither is ever sold in bulk.



The summer lies ahead. For underclassmen summer will be a hiatus, a breather in which to restore yourselves for next year's resumption of busy college life. For seniors there will be no more college. You must not, however, despair and abandon yourself to idleness. There are other things to do in the world besides going to school—basket weaving, for example, or building boats in bottles, or picking up tinfoil, or reading "War and Peace." Many graduates fall into the erroneous belief that their lives are over when they leave college. This is not so. It is possible to make some sort of life for yourself with a bit of ingenuity . . . or, if that fails, dye your hair, change your name, and enroll at some other college.

Whatever the future holds for you, be assured that the makers of Marlboro and Philip Morris join me in wishing you the best of everything. We have taken great pleasure—the makers and I—in bringing you this column each week throughout the school year. We hope a little pleasure has accrued to you too.

May good fortune attend your ventures. Stay happy. Stay healthy. Stay loose.

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\* \* \*  
 We, the makers of Marlboro and Philip Morris, can only echo kindly old Max's parting words. Stay happy. Stay healthy. Stay loose.

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## MIT'S Mission: To Move From Strength to Greater Strength

The following is the complete text of the statement made jointly by James R. Killian, Chairman of the Corporation and Julius A. Stratton, President of the Institute, at the time of the announcement of the Second Century Program.

"We live today in a world of increasing complexity, change, and competition. It is a time of challenge to American leadership. From its pivotal position in international affairs, the United States stands responsible for the security of the Free World. This is a great trust. It requires sustained economic, military and moral strength. It requires steady advance to a higher performance in all aspects of our national life.

"In underdeveloped countries throughout the world we see the 'revolution of rising expectations.' In terms of its own legitimate expectations, America too, is still an 'underdeveloped country' with enormous potential for enhancing human welfare. If we keep our science and technology vigorous and creative, we can build a stronger society. We can move to higher levels of health and economic achievement. We can steadily increase our investment in people and in their growth and self-fulfillment. We can make an even greater contribution to the peace and prosperity of all peoples.

"This combination of international responsibility and internal opportunity constitutes the central challenge to America today. It is in the face of these requirements that the Massachusetts Institute of Technology must direct its course.

"Through the wisdom of farsighted men such as Rogers, Walker, MacLaurin, Compton, and many others who guided the Institute during its first hundred years, MIT is now an Institution known throughout the world. Because it has attained this position, it has an added obligation to contribute its share in meeting the great challenges now facing this nation. We can do this best by making sure that MIT's education continues to pace and not to follow the swift advance of science and technology. Explosive progress at the frontiers of science invests this obligation with a special urgency.

"With the fortunate opportunity MIT has had in its first century to achieve a position of leadership, the Institute is obligated more than ever to prepare itself for fully discharging the responsibilities of leadership in its second century. America will properly look to MIT to lead in the future as it has in the past. By realizing the Institute's full potential, by moving from strength to greater strength, we will meet that obligation. This is our mission as MIT enters its second century."

Julius A. Stratton, '23, President  
James R. Killian, Jr., '26, Chairman

## \$66,000,000 Sought by Institute For Growth

(Continued from Page One)

of a women's dormitory, and the extension of athletic facilities, including a new boathouse.

"The greater part of the support MIT receives, chiefly from Federal agencies, for sponsored research, must be directed toward specific projects. We have an urgent need for unrestricted funds for basic research — the kind of research which may have no immediate application, but which in the long run may produce the greatest good for the world. We have earmarked \$6,000,000 for this purpose.

### Eight New Professorships

"Maintaining the high quality of our faculty is MIT's first requirement. Salaries in education have lagged at a time when the cost of living has been spiraling upward. Our situation is more difficult than that of many colleges in that the competition for men of high calibre in science and engineering is very keen. With \$4,000,000 we wish to endow at least eight professorships for first-rank men.

"In these times of steadily rising costs, our aim is that no qualified student be denied the opportunity of an MIT education because of limited financial circumstances. Increased student aid is one of the major objectives of MIT as it moves forward on a wider front to meet the nation's critical needs in science and engineering. We need \$3,000,000 to augment our resources for student scholarships and loans."

### Five Graduate Centers

Plans for five graduate centers represent a relatively new approach to research and teaching and also involve the construction of five new buildings, Dr. Stratton said. Experience in recent years has shown that the best approach to many scientific problems is through collaborative effort on the part of scientists and engineers from related fields.

In the Center for Earth Sciences, for example, professors and graduate students in geology, geochemistry, geophysics, meteorology and oceanog-

raphy will work together on problems concerned with the earth, its oceans and its atmosphere. Increasing emphasis is being placed on this area at MIT. The gift of \$6,000,000 from Dr. Green, a member of the Class of 1923, and Mrs. Green, makes possible the building for the Center for Earth Sciences.

In the Center for Aeronautics and Astronautics, for which \$4,000,000 is sought, there will be facilities for advanced studies required by the space age in such areas as the design of satellites and space vehicles, for research in new kinds of propulsion and in the physics of the atmosphere and the solar system.

### Communication Sciences

In the Center for the Communication Sciences, which was organized two years ago, several hundred mathematicians, electrical engineers, physicists, linguists, psychologists and others are already doing research in overcrowded facilities on systems of communication, ranging from the human brain to computers and other man-made machines. Such MIT engineers and scientists as Vannevar Bush and Norbert Wiener have pioneered in this field, and the Institute is today a world leader in communication research. A total of \$4,000,000 is needed for this Center.

The Center for Life Sciences will be housed in a building associated with the Dorrance Building, where the Departments of Biology and Food Technology are located. MIT has become one of the principal centers for biological research on the molecular level, particularly in studies related to viruses and cancer, and it pioneered in food research. The \$4,000,000 allocated for Life Sciences will be used for this building and for greatly increasing the effectiveness of MIT in these areas.

While the \$24,500,000 for five new centers of research and advanced study will contribute to the educational effort at MIT, particularly in graduate work, the five academic schools also urgently need additional financial support, Dr. Stratton said. Humanities and Social Science Vital

The School of Humanities and Social Science, newest of the schools, is regarded as one of the vital divisions of MIT since its mission is to complement the work in science and engineering by giving students a deeper understanding of social, political, cultural and philosophical forces which inevitably are related to technological change. Within the School is the Center for International Studies, which has an extensive program of research in world problems.

At a time when many of America's problems, and those of the whole world, are associated with increasing urbanization and with housing, the School of Architecture and City Planning feels a special responsibility to make new advances in research and teaching. It expects to use \$1,000,000 in improving its curriculum, particularly in subjects related to engineering, and in establishing a laboratory for conducting stress analyses of three-dimensional structures, a facility greatly needed by architects as they turn more and more to new structural forms and new materials.

The School of Industrial Management, established less than a decade ago by a \$5,000,000 grant from the Alfred P. Sloan Foundation, has become one of the leading schools of its kind in the United States and is unique in many respects. It intends to accelerate the evolution of its educational program through the use of \$1,000,000 from the fund. "Two of the special fields, in which Americans singularly excel are technology and management," Dr. Stratton said. "We believe that the management of American industry calls most urgently for men whose professional education is rooted as firmly in science and engineering as in economics, accounting and finance."

### \$100.00 REWARD

A one hundred dollar reward is offered for the return of two rings lost at the Faculty Club. One ring is described as an 8 karat Aquamarine stone with 20 rubies set in Platinum and the other as a yellow gold Knot ring. They were lost Monday, May 16 at 12:20 P.M. If any information is known about the whereabouts of these rings, please contact Mr. Robert Ward, Box S-58, California Road, Yorktown Heights, New York.



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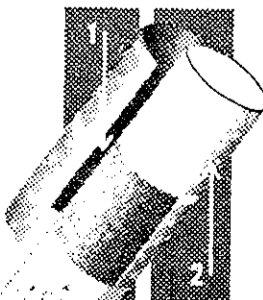
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# Many Activities, New and Old, Highlight Second

by John Scott, '63

Spring term 1960 is rapidly coming to a close and as this last issue of *The Tech* for the year goes to the printer, it is time to take a look at the many hopes and ideas that have become realities during the past four months.

For *The Tech* and many other organizations in Walker Memorial, the beginning of the new



— Photo by Robert Purdy, '63  
Ice sculpture growing off Baker House became a popular sport among residents during the cold weather. Scenes like the above one became commonplace and at one time even received nation wide newspaper publicity.

term was rather hectic. Volume LXXX began to take shape under a new board in offices that previously had been occupied by Dean Robert Holden. Other organizations got either more or better offices in a general reshuffling of student organization space in the building.

Activities at the start of the term were alive with activity. Walker Staff's "Big Leap" mixer drew over 700 MIT men and coeds from various neighboring schools for one of the biggest dances on campus this year. *The Tech* started its Tech-



— Photo by Peter Politzer, '63  
Ira Jaffe, '61, Jerry Grossman, '61, and Joe Vittek, '62, campaigned long and hard in their race for UAP. They are shown above in a meeting at Burton for the purpose of explaining their views to the residents of the house.



— Photo by Boyd Estus, '63  
The Tech staffers are shown above after defeating voodoo (MIT's supposedly funny humor magazine) in a game of balloonball by default. Revenge is sweet as is evidenced by the smiles on the face of the victorious squad.

retary of the Week series, drawing much comment from students and secretaries alike. More informal activities were in evidence also. One Phi Kappa Sigma pledge tried to crate himself up and get airfreighted home "just to see if it could be done."

### UAP Popularity Contest

As the UAP race drew to a close, it appeared that the students' decision would rest mainly on



— Photo by Allan Rosenberg, '63  
MIT was immobilized this past winter by a large snowstorm, as can be seen from the above photo of the East Campus parking lot. Snow sculptures and snowball fighting made the storm seem a lot more fun, however.

the individual popularity of the candidates, due to the fact that on all major issues the candidates were in agreement as to policy. After a record turnout, Ira Jaffe, '61, was inaugurated as new head of the student body. Class officers were elected at the same time.

The winter sports scene came to a close after an exceptional showing by a number of teams and individual performers. The varsity fencers captured the New England fencing title with captain Sherman Karp, '60, and Joe Verdeber, '60, taking individual honors in the foil and saber, respectively. For the second straight



— Photo by Conrad Jaffee, '63  
OTHELLO was one of the major theatrical masterpieces put on by Dramashop last winter. A scene from the play is shown above.

year our ski team won the New England Intercollegiate Ski Conference championship. Burnell West, '60, lead a four man MIT entry in the Eastern Swim championships. Although failing

to qualify in this... became the first gold medals in the championships.

International W... annual "show of



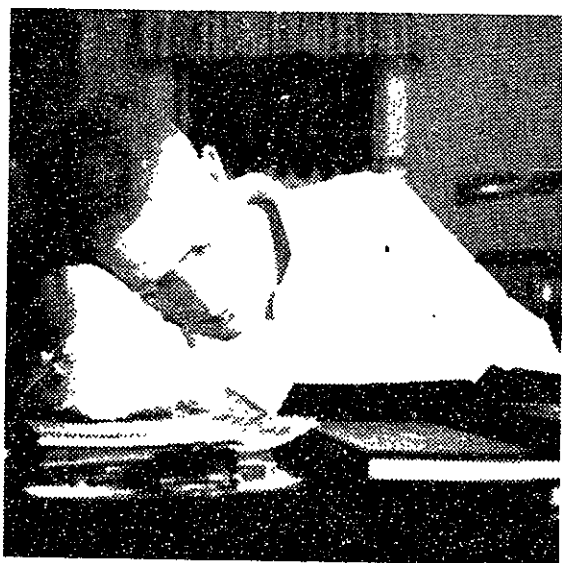
Gus Solomons and Norma... of Tech Show, are show... production.

by an International... onstration, a panel... countries, and an in... with over 12 per ce...



Walker Memorial took o... radio tower, shown above... in place. The tower was... FM. WTBS, the campus... term.

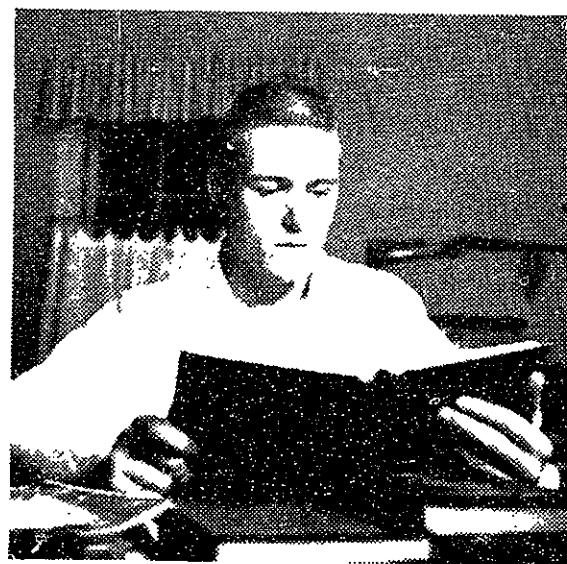
foreign countries... of foreign students... versity.



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— Photo by Allan Rosenberg  
A group of Ukrainian dancers are shown above as they are about to perform during the International Dance Show, which was held as part of International Week. This annual affair is given by foreign students to show their appreciation to America.



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## Coast Guard Skipper Wins

# Kirk is 2nd In New England Monotype Sailing

MIT's George Kirk, '60, placed second behind John Wuestneck of Coast Guard Sunday in the finals of the fourth annual New England monotype sailing championships, thereby qualifying for a berth in the Eastern Olympic monotype semifinals in early July. Kirk was just two points behind Wuestneck, 37 to 35, in the two-day meeting which served as a first round Olympic elimi-

nations. Racing in a 14½-foot Finn, Kirk chalked up two first places, two seconds, a third and a fourth in the six Sunday races. Wuestneck won three races and also recorded a second, third and fourth. Dick Lathrop of Boston University was third with 24 points.

Kirk qualified for Sunday's finals with a brilliant performance on Saturday. In six races he won five times and placed fourth once, but each skipper was allowed to drop his worst finish, so he ended with a perfect score of 45. Saturday's races, sailed in Tech dinghies, were held in a 12 to 15 knot wind which reached its peak at about 1 p.m.

Ken Klare, '63, was second in his Saturday heat, trailing Coast Guard's Bill Park. Both qualified for Sunday's finals but ran into trouble on the wind-swept river. Klare was the only freshman to compete Sunday; the rest of the sextet consisted of Harvard's Bill Dutcher and Brown's Roger Vaughn.

Almost all the finalists had distinguished themselves in the sailing world previously. Park and Wuestneck were crowned New England dinghy champions last weekend at MIT. Kirk is a former New England Beetle Cat senior titlist. Klare has held the International Moth Class championship for the past two years.

The Eastern Olympic trials will begin in Marblehead on July 5th. Following that will be eight weeks of sailing to determine the United States' Olympic entries. The requirement of a pledge to continue participation in these trials if successful at MIT was cited as a factor in keeping the field for last weekend's races at less than 30 men. Originally 14 colleges had filed entries for some 35 skippers.

# Intramural Season Nears Close: Phi Deltas Capture Track Crown

The five sport spring intramural season neared its close last weekend as champions were named in golf and track. Phi Delta Theta took the cinder honors and Sigma Alpha Epsilon won the links competition. Softball and squash championships will be decided later this week.

The Phi Deltas scored 38 points to down Burton House (30) and SAE (28.) Following in order were Beta Theta Pi (22), Sigma Nu (15), Phi Gamma Delta (9), Sigma Chi (7), Delta Upsilon and Lambda Chi Alpha (5) and Baker House (2).

Nine events, including two relays and three field events, were run off Sunday afternoon on Briggs Field, IM track manager Chuck Negin, '60, reported.

Leading SAE to its golf triumph were Jim Cassetis, '63, and George Kimon, '63, with 82's, and Pete Thurston, '62, with an 88. Baker House was second in the competition supervised by IM golf manager Claron Anderson, '62.

Remaining in contention for the squash championship are Alpha Epsilon Pi, Baker House "A", East Campus and Sigma Chi.

The track summaries:

- 100-yard dash: 1) J. Prussing, '62; 2) R. Gortz, '63; 3) F. Frink, '60. Time: :11.2.
- 220-yard dash: 1) F. Frink, '60; 2) D. Koch, '62; 3) R. Rossman, '61. Time: :24.4.
- 440-yard dash: 1) G. Gustafson, '62; 2) H. McDowell, '60; 3) W. Martin, '60. Time: :55.9.
- 1 mile run: 1) J. Connell, '60; 2) R. Graham, '60; 3) K. Andersen, '63. 4:59.5.
- 800-medley relay: 1) Phi Delta Theta (Gustafson, Yansen, Hofland, Otte); 2) Sigma Alpha Epsilon; 3) Beta Theta Pi. Time: 1:50.2.
- 880-relay: 1) Sigma Nu (Pitts, Harris, Wolf, Prussing); 2) Phi Delta Theta; 3) Sigma Alpha Epsilon. Time: 1:48.2.
- High Jump: 1) T. Burns, '62; 2) D. Koch, '62; 3) C. Gamble, '62. Height: 5 ft. 8 in.
- Broad Jump: 1) G. Gustafson, '62; 2) K. Groninger, '63; 3) T. Vogt, '62. Distance: 18 ft. 11¾ in.
- Shot Put: 1) J. Peterson, '62; 2) R. Rossman, '61; 3) D. Butler, '62. Distance: 44 ft. 11¾ in.

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# Do You Think for Yourself?

(TAKE A CRACK AT THESE QUESTIONS AND SEE IF YOU CONNECT\*)



If you were offered a high-paying summer job as an animal trainer, would you (A) insist on small animals? (B) ask for pay in advance? (C) find out why professionals won't take the job?

A  B  C



"Time heals all wounds" is a statement (A) denounced by antiseptic manufacturers; (B) as true as "Time wounds all heels"; (C) that means your mind can build its own scar tissue.

A  B  C



In traffic, when a driver behind you blows his horn, do you (A) go and sock him? (B) wonder what's wrong? (C) hope it'll settle his nerves?

A  B  C



When a pal bends your ear about why his filter cigarette is best, do you listen most to (A) his chatter about how good it tastes—regardless of how it filters? (B) his remark that the filter must be good because it's new? (C) his comments that both really good filtration and real tobacco taste are important?

A  B  C

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women who think for themselves have studied the facts about filters and have chosen Viceroy . . . the one cigarette with a thinking man's filter and a smoking man's taste.

\*If you checked (B) in three out of four of these questions, you don't exactly flunk—but if you checked (C), you think for yourself!



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**TECH COOP**

# Thomas Breaks World High Jump Mark In NE Track Meet Here

By Tom Brydges, '62  
THE TECH Sports Editor

John Thomas, Boston University's sensational sophomore high jumper, eclipsed his own outdoor world record of 7' 1 1/2" by a quarter of an inch Saturday in the high-jump event of the 73rd annual New England Intercol-

legiate Amateur Athletic Association track meet at MIT's Briggs Field.

Two other field records fell as Brown University won the title handily—40 to 27 over Connecticut and Holy Cross—but it was clear that the crowd of 2000 were drawn by the expectation of a record performance by Thomas, and they were not disappointed.

With the bar measured to 7' 1 1/2" at his request, the lanky Thomas waited for the wind to die down, then began his graceful seven-step approach from the left side and soared over the barrier.

But on remeasurement as prescribed by the AAU, referee Larry Johnson read 7' 1 3/4"—and a check by the numerous officials present showed him correct.

### Thomas Misses 7' 2 1/4"

In what was by then anticlimatic, Thomas tried 7' 2 1/4" three times but nicked the bar each time on the way down. He said later that "when I had been mentally ready, the wind was too active, and I had to wait."

After the second try he seemed dissatisfied with his take-off stride, but he couldn't correct it on his one remaining chance.

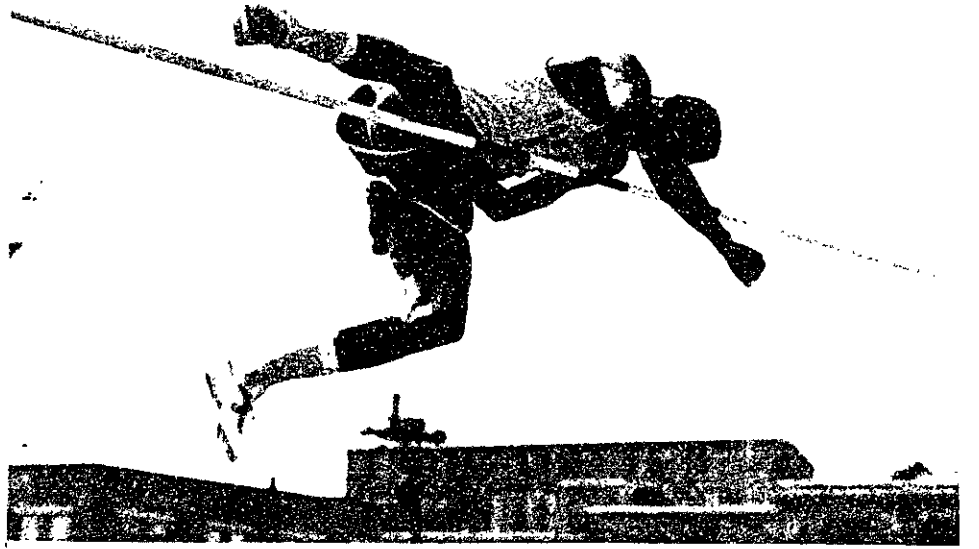
Thomas missed just once on his way up to the new mark. At 7' 1 1/4", his trailing leg tumbled the bar into the pit behind him, but he cleared the mark easily on his second attempt.

The competition in the high jump started at 5' 8", but Thomas didn't enter until all the other contenders had gone out at six feet even. Then he cleared 6' 2" with little effort. Three straight times he cleared the bar with room to spare—at 6' 4 3/8", 6' 8" (breaking the old New England record of 6' 5 5/16") and 6' 10".

### Tech Among Scorers

Rhode Island ended fourth in the meet with 23 points, followed by Bates (16), defending champion BU (15), Maine and Trinity (14), Tufts (13), Springfield and Wesleyan (12), Vermont (5), Boston College (4), MIT (2) and New Hampshire (1). Seven schools failed to score.

Joe Davis, '61, scored Tech's points in a five-way tie in the high jump. The other MIT favorites failed to register in the finals, although captain Bill Nicholson, '60, qualified for the finals of the hammer throw. He was sixth, a foot shy of the scoring column.



John Thomas begins his roll over the bar at 7' 1-3/4", a new world high jump record, in the New England track championships Saturday at Briggs Field.

— Photo by Boyd Estus, '63

All-in-all, it was a day of top contestants and top performances in the field events. Terry Horne of Maine topped the listed New England discus record with a throw of 159'. UConn's Reid Crawshaw surpassed the javelin standard with a heave of 216' 9 1/2". The defending champion in the hammer throw, John Lawlor of BU, won the event easily, but failed in a record bid.

### One Running Mark Allowed

The only track record allowed was in the freshman 880-medley relay which Holy Cross won in 3.31.6. Tech was fifth. Other record jumping performances, such as UConn's Gene Givens' 100 and 220 victories, were disallowed due to the wind.

The other meet victors were: Mile—Spike Paranya, Wesleyan; 440-Rudy Smith, Bates; 120-yard high hurdles—Angie Sinisi, Brown; broad jump—Dick Huddleston, Wesleyan; pole vault—Gordon Kelly, Springfield; 880—Jay Bowers, Holy Cross; shot put—Earle Beasley, Tufts; two mile—Bob Lowe, Brown; and 220-yard low hurdles—Jim Moreland, Brown.

\*\*\*

The hammer throwers were bothered all day by the cage around the

throwing area. Even Lawlor caught the screen with one of his tosses. Several times hammers were caught in the wire and cleat-clad trackmen had to scamper up the cage after them... The high jumpers and pole vaulters should have been pleased with the pits—5 1/2 tons of foam rubber were purchased and spread out to provide a soft, although somewhat bouncy, landing... Thomas was given the royal treatment by the officials—as soon as the other entrants were out of contention the men in charge disposed of the bent triangular bar and produced a whole set of cylindrical ones which had apparently been carefully stashed away for the big moment... The meet announcer was supplied with information from all over the field by walkie-talkie, and often he had announced Thomas' latest jump when the record-setter had scarcely climbed out of the pit...

### ROOMMATES WANTED

Roommates wanted to share luxurious, completely furnished, 8-rm. apt. in Brookline for summer (\$35/mo.). Must be seen to be believed. Call Joe Hanlon, BE 2-9433.



Gordon Kelly of Springfield vaults over the crossbar at 13' 3/4" to win the New England hammer throw championship at Briggs Field Saturday. In the lower view a large crowd peers through the cage to get a good look at a hammer throw specialist.

— Photos by Boyd Estus, '63

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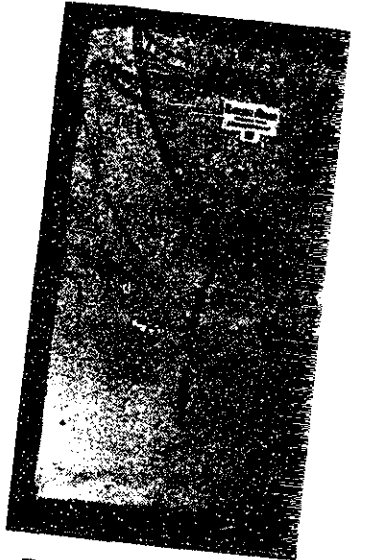
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# TECH COOP

# 893 Frosh Storm Tech; Class Called Strongest Ever

## Huxley to Speak on Man

By Jeffrey I. Steinfeld, '62

The schedule of public lectures to be given here, by Aldous Huxley this fall was announced today by the Humanities Department. In addition to the seven lectures, Huxley, who is here as Carnegie Visiting Professor of Humanities, will conduct the Senior Humanities seminar and hold informal discussions with smaller groups on campus.

The public lectures will develop the theme "What a Piece of Work is a Man". They will be given in Kresge Auditorium, all at 8:00 p.m. The schedule begins on October 5 with "Ancient Views of Human Nature". Subsequent topics are "The Contemporary Picture", on October 13; "The Individual in Relation to History", on October 19; "Symbols and Immediate Experience", on October 26.

In November, Professor Huxley will take up the topics "Why  
(Continued on page 2)

The 893 freshmen who piled into Cambridge this week will comprise the strongest academic class ever to enter the Institute, B. Alden Thresher, Dean of Admissions, said today.

Dean Thresher attributed this to the trend toward increasingly high quality in applicants. While the number of applicants had remained constant, Thresher noted, there were fewer "marginal people" among last year's hopefuls.

164 Firsts

Of the 893 members of the class of '64, twenty-four are coeds. Eighty-four percent of the freshmen were in the top ten percent of their high school class. In fact, of the 797 who were ranked by their secondary schools, 164 were first in their class and 56 were second.

1,622 Accepted

Of the twenty thousand high school students who asked for catalogues, 3,886 filed final applications. 1,622 were finally accepted. Usually the Institute admits about 1800 Freshmen, but since the percentage of accepted students who finally come is rising, the number was lowered.

N. Y. Leads

Members of the class of '64 come from 45 states, two U. S. territories and 21 foreign countries. The 159 New Yorkers form the largest state delegation, while Massachusetts is second with 94. The foreign students come from all over the free world. Canada and Hong Kong are each sending 6 students and Iran, three. The majority of the other 24 foreigners are the sole representatives of their countries.

Most From Public Schools

As usual, the majority of entering freshmen came from public high schools. This year, they comprised about 80 percent of the class, while fifteen percent were from private and parochial schools and the remaining five percent, from foreign schools.

Sixty percent are expected to graduate with their class.

## Out-of-Town Frosh Get Rooms; Bostonians Will Sleep On Cots



Part of the hundred odd MIT freshmen queuing up at Dean Fassett's office Wednesday night to plead for a dormitory room. The line extended from Room 7-104, the Dean of Residence's office, down the hall to the lobby of Building 10.

— Photo by Conrad Jaffee, '63

All freshmen except those from the greater Boston area have received room assignments, Frederick G. Fassett, Dean of Residence, announced today.

As a temporary measure, the Boston freshmen have been assigned cots in dormitory rooms occupied by other freshmen. They will receive room assignments after Registration Day as vacancies occur, Fassett said.

Fifty beds — not cots — will be available for transfer students and returning upperclassmen without room assignments in the Armory tonight. Some dormitory rooms will be available for these upperclassmen after next week, Fassett stated, but most of them will have to seek off-campus housing.

Fassett praised the freshmen and the IFC for their cooperation.

### Students Arrive



Even a hurricane can't stop overloaded upperclassmen from coming back for more.

"The effectiveness of the IFC Clearing House in a most difficult problem has been remarkable," he said, "and the spirit and cooperation of the Class of '64 are notable."

"This year's experience has dispelled the myth that there is an exodus from the undergraduate houses," he said. "Just the opposite is true."

### Hilton Kabat, '63, Killed

Hilton Kabat, '63, was struck by an automobile and killed in Ellenville, N. Y., August 23. He was hit while running in the center of route 52.

A friend told police that he was active in athletics at Tech and that he did the running to keep in condition.

He was a resident of Rockville Centre, N. Y.

## No Ruling Today on Frosh Quiz

A faculty-student meeting failed today to reach a decision on the scheduling of Freshman quizzes. Dean of Students John T. Rule said that a meeting of the Academic Council has been scheduled for Tuesday to consider the problem. The quiz day had been changed to Monday.

This changing of the traditional Friday morning freshman quizzes became necessary when Professor Franklin, head of the freshman mathematics program, scheduled recitation classes on Friday and Saturday morning. Thinking it desirable to schedule the quizzes as soon as possible after the recitation courses in each subject, the Math Department consulted the Chemistry and Physics departments, which also give regular freshman quizzes. These departments gave their consent.

On returning to MIT this fall, Ira Jaffe, UAP, consulted with DormCon officers and the IFC. He and several student leaders filed formal protests with the Dean of Students. They pointed out that the departments, in scheduling these quizzes just following the weekend, had not considered the students' welfare. They argued that another day was being added to MIT's already heavy load.

Dean Rule, along with student leaders and the athletic department, is pressing for the change. The ultimate decision will come from the President's office.

## 600 Freshman Rush

## 314 Pledge

### Donna First Coed To Go Through Rush Week

Six hundred freshmen registered at the IFC Clearing House — the largest group ever to come through Rush Week. MIT's 28 fraternities opened their doors for five days of red carpet treatment of their prospective members.

By midnight Wednesday night, the official close of Rush Week, 314 men had selected their houses. The week's scrambling was made more frantic as Hurricane Donna added its bit to the problems of handling the above-average number of rushees.

Rush Week was officially opened by Dean F. G. Fassett, Dean of Residence, and other student leaders in Kresge Auditorium last Friday night. Five days later the fraternities announced the following results:



As Rush Week drew to a close Theta Delta Chi President Alden Foster was photographed pinning a pledge pin on Marty Ormond, MIT Class of 1964. Some three hundred rushees found themselves in similar situations before the end of Rush Week.

— Photo by Allan Rosenberg, '63

Alpha Epsilon Pi	12
Alpha Tau Omega	19
Beta Theta Pi	10
Chi Phi	11
Delta Kappa Epsilon	12
Delta Psi	6
Delta Tau Delta	8
Delta Upsilon	9
Kappa Sigma	13
Lambda Chi Alpha	8
Phi Beta Epsilon	5
Phi Delta Theta	18
Phi Gamma Delta	5
Phi Kappa Sigma	9
Phi Kappa Theta	11
Phi Mu Delta	11
Phi Sigma Kappa	13
Pi Lambda Phi	11
Sigma Alpha Epsilon	9
Sigma Alpha Mu	9
Sigma Chi	14
Sigma Nu	5
Sigma Phi Epsilon	25
Tau Epsilon Phi	12
Theta Chi	12
Theta Delta Chi	9
Theta Xi	14
Dover Club	14

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### New Brain for MIT

The newest and most powerful "brain" on campus this term is the IBM 709 computer, installed about August 1 to replace the three-year-old 704.

Although the new machine has about the same speed as the 704, it is superior to its predecessor in that it has a larger instruction capacity and allows the use of improved input-output techniques. While the 704 could handle only one program and one operation (input, computation, or output) at a time, the 709 can perform all three operations at once and can be interrupted while processing one program in order to do another simultaneously.

### Huxley Schedules Lectures

(Continued from page 1)

Art?", on November 2; "Visionary Experience", on November 9; and he will conclude with "Human Potentialities", on November 16.

Huxley is perhaps best known for his novel "Brave New World", describing what he feared may come to pass in the future. He recently wrote a sequel, "Brave New World Revisited", in which he stated that many of the possibilities he foresaw, such as thought control and chemical manipulation of emotions, seem to be coming much more rapidly than he anticipated.

He has also written a number of novels dealing with the intellectual ferment in England during the past few decades, as well as essays and short stories.

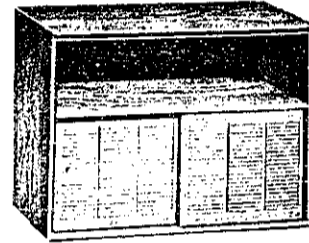
Forty of Huxley's books are on display in the Hayden Library Exhibition cases.

Originally trained as a scientist, poor eyesight forced him to abandon that career.

## UNPAINTED FURNITURE

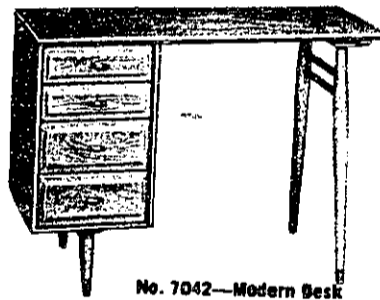
by ARISTO-BILT

### HI-FI CABINETS



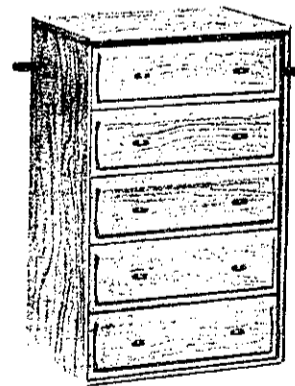
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## MIT To Petition City

MIT presents its petition for a zoning variance to the Cambridge Board of Appeals, on September 27, to allow construction of the Earth Science Building.

The building code now forbids structures larger than 80 feet high on the river front. Approval of this petition will give MIT a green light for the construction of the 19-story building which is to be the city's tallest structure.

The Cambridge statute dates from a very old Massachusetts law forbidding building over 125 feet anywhere in the state, with the exception of Boston and Newton. When this law was passed, it was designed to protect property from fires in communities with fire equipment incapable of reaching 125 feet. Last spring, the City of Cambridge was added by the state legislature to the list of exempted cities in the state law.

The Cambridge city statute remains, however, and until revised zoning laws are enacted, only a granted variance will allow a violation of the 80 foot limit. If the MIT petition is accepted on the 27th, construction will begin as soon as possible with the driving of 50-ton anchoring piles. Borings have shown that bedrock lies 250 below ground level, but an acceptable glacial rock stratum has been discovered at the 180-foot level and the piles will rest on this.

## Whitman Adviser



Professor Walter G. Whitman, head of the Department of Chemical Engineering, was appointed science adviser to the United States Secretary of State last month.

Professor Whitman served on the General Advisory Committee to the Atomic Energy Commission from 1950 to 1956 and was a member of the Office of Defense Management's Science Advisory Committee from 1951-55.

## Institute Completing Summer Renovation

Physical Plant crews are working at top speed to complete the conversion of excess drawing, laboratory, and lecture facilities to much-needed classroom and office space. The change most noticeable to undergraduates in this half million dollar program is the partition of the undergraduate exam room, 3-440, into offices and classrooms. Exams will now be given in the recently refurbished Walker Memorial gym.

The eighth floor hot house on the Dorrance building has been removed to meet the demand for additional Biology department labs and offices.

Building 35's main lecture hall has been remodeled to provide more comfortable seating facilities. Several new microscopy labs were recently completed in this building.

West Campus residents will quickly notice the alterations in the Materials Testing Lab on the ground floor of Building One.

Several multi-story rooms in Buildings Eight and Twelve have been split by ground level concrete floors.

One of the two active Wood wind tunnels in Building Thirty-three was dismantled and replaced by office facilities.

## Institute Average Now 3-5

Pi Lambda Phi moved to the top of the scholastic standings with the Freshman Women's Dorm holding second in the tabulation on last springs ratings. Dover Club dropped to third.

The all men's average rose to its customary position of 3.5, with non-fraternity men leading the Greek-letter men by one-tenth of a point.

The standings are:

House	Rank	House	Rank
1. Pi Lambda Phi	3.76	23. Phi Beta Epsilon	3.43
2. Women's Dorm — 120 Bay State Rd.	3.73	24. Delta Upsilon	3.42
3. Dover Club	3.72	25. Theta Xi	3.40
4. Sigma Chi	3.699	26. Kappa Sigma	3.39
5. Women's Dorm — Bexley Hall	3.694	27. Delta Psi	3.3863
6. Theta Delta Chi	3.64	28. Chi Phi	3.3857
7. Baker House	3.602	29. Tau Epsilon Phi	3.3805
8. Alpha Epsilon Pi	3.600	30. Phi Kappa Sigma	3.30
9. MIT Student House	3.597	31. Sigma Alpha Epsilon	3.27
10. Sigma Nu	3.587	32. Phi Mu Delta	3.265
11. Phi Delta Theta	3.585	33. Theta Chi	3.258
12. Delta Tau Delta	3.57	34. Phi Kappa Theta	3.23
13. Beta Theta Pi	3.55	35. Phi Sigma Kappa	3.197
14. Delta Kappa Epsilon	3.528	36. Phi Gamma Delta	3.196
15. Sigma Phi Epsilon	3.5250	General Average — Fraternity Groups	3.4
16. Burton House	3.5247	General Average — Non-Fraternity Groups	3.5
17. Non-Resident Student Assoc.	3.52	All Men's Average	3.5
18. Alpha Tau Omega	3.51		
19. Lambda Chi Alpha	3.50		
20. Senior House	3.48		
21. Sigma Alpha Mu	3.47		
22. East Campus	3.45		

The MIT Choral Society will hold its first audition of the new season on Monday at 7:30 p.m. in Kresge Auditorium. Prospective members are invited to try out.

This year's program will include Bach's Christmas Oratio and Haydn's Creation.

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