

MIT receives large Ford grant

Harvard, Chicago among colleges given urban funds

As part of a long range program to develop major new intellectual resources for work on the problems of American cities, the Ford Foundation has made grants of \$10.8 million to four major US universities for work in urban affairs. MIT will receive \$3 million and implement several unique programs.

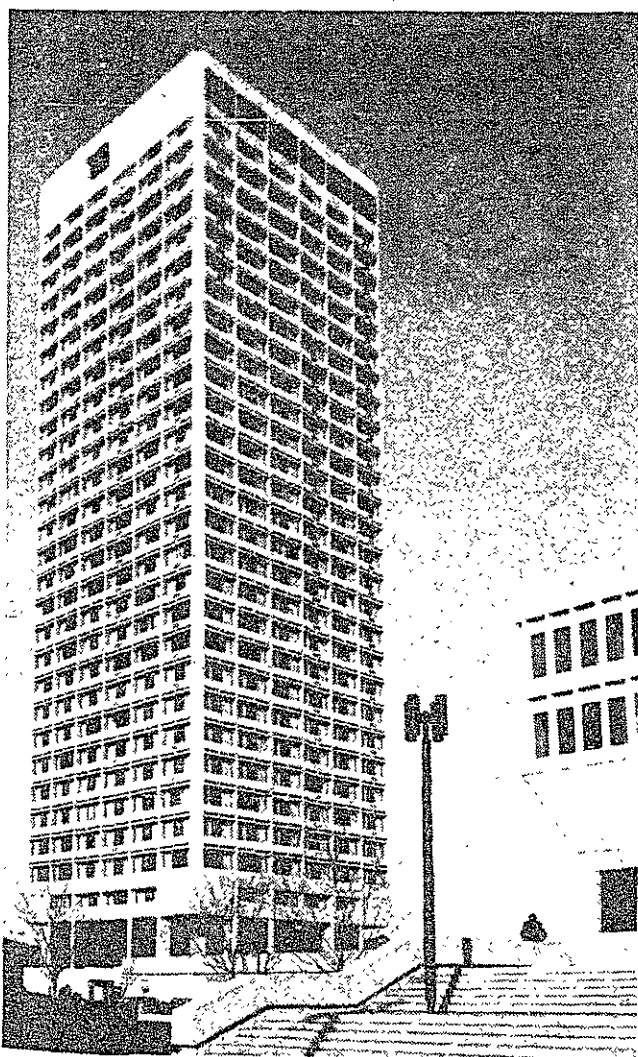
At a joint press conference held at Harvard's Holyoke Center, MIT President Howard Johnson, Harvard President Nathan Pusey, and Daniel Hoynihan, Director of the Joint Center for Urban Studies made an announcement of the grants. Along with Harvard, the University of Chicago received \$3 million, and Columbia University was given \$1.8 million.

A quantum change
Although the universities involved have long been interested in urban affairs, these new grants will allow, in the words of Mr. Moynihan, "a quantum change in the level of activity in this field."

MIT will use its share of the grant to enable broad participation in the study of urban problems by individuals and groups from the fields of architecture, city planning, engineering, economics, political science, and management. An interdepartmental Urban Systems Laboratory will be set up to explore the city as a complex, interacting organism. Like the other participating schools, MIT will also endow professorships in the field of urban affairs.

Killian speaks

Eastgate tower dedicated



The 30-story Eastgate Residence Tower, which was formally dedicated yesterday, rises above other buildings in the Sloan Campus

The Committee on Academic Performance has announced that December 15 is the last date on which an undergraduate student may cancel a subject for which he is registered by filing a Registration correction card approved by his Faculty Counselor.

After that date a student must file a petition with the Committee on Academic Performance if he wishes to drop a course. The Committee allows such late cancellations only in the case of extenuating circumstances arising after December 15 which could not have been foreseen. The Committee states: "The fact that a student is failing is not considered a valid reason for a late cancellation."



Vol. 87, No. 49

Cambridge, Massachusetts, Friday, December 1, 1967

Five Cents

Unlike the other schools, MIT will institute a program of graduate Fellows in Urban Affairs, whereby promising graduates will be able to spend a year or two on the staff of a city official. In the other direction, top men in city government, such as Boston Mayor John Collins, will be brought here to expose the Institute to their expertise.

Both Johnson and Pusey warned that the university could not

(Please turn to Page 5)

Nuns to vacate Sancta Maria; Infirmary to move into building

By Rick Sline

Plans were announced Tuesday to move the Medical Department's infirmary to the third and fourth floors of the Sancta Maria Hospital Building. The building is on

the east side of Baker House and is currently operated by nuns; the hospital should be vacated at the first of the year. The Medical Department is planning to wait until the slack period at the end of the school year to move.

MIT's takeover of the building had been planned for some time. The Space Committee had been investigating possible alternatives and has just announced its decision to give the Medical Department the top two floors of the hospital. The Sancta Maria is moving to a new building away from campus, which is to be completed shortly.

Remodeling planned

The present infirmary on the third floor of the Medical Building will be remodeled into separate examination rooms. These rooms will be used in addition to those on the basement and second floors. The remainder of the building will be unchanged.

The main reason for the move is to gain more examination rooms. The bed capacity of the infirmary will also be increased from 23 to

32 beds. The Medical Department has had its infirmary in the same building for the past 40 years. It was not cramped for space because the facilities were designed in the pre-war drug era, when long stays in the infirmary were common. Examination room facilities had to be increased due to the increase in use, which has been at the rate of about ten per cent a year recently.

Move called temporary

Dr. Albert O. Seeler, Director of the Medical Department, views the move to the Sancta Maria as temporary. He feels that the addi-

(Please turn to Page 6)

Narcotics raid nets MIT lab technician

Six federal narcotics agents and five Cambridge policemen arrested an MIT lab technician and a nineteen year old girl in a raid at 234 Columbia St., Cambridge. The two were charged with being present where narcotics were found, being in possession of narcotics, and maintaining a common narcotics nuisance.

The technician identified himself as Frank Baird, and gave his address as 234 Columbia St. The girl identified herself as Mary Ann Suchwa, of the same address.

Lighting, Lab

The apartment, which was rigged with a sophisticated psychedelic lighting system such as those used on LSD trips, had a laboratory suitable for the synthesis of various drugs. An officer of the Cambridge Narcotic Bureau said that the laboratory in the apartment could well have been supplying many narcotics users in the immediate vicinity of the apartment.

The apartment came to the attention of narcotics agencies when druggists in the area around the apartment reported unusually high sales of chemicals used in the synthesis of the drug DMT. Among the items seized in the raid were marijuana and other drugs, and a considerable amount of chemistry equipment.

Sen. Baker discusses nuclear desalination

Nuclear desalinization in the Middle East was the announced topic of the talk given by U.S. Senator Howard Baker Jr. (R-Tenn.) Wednesday, but the Senator took the opportunity to give his views on a wide range of issues.

Speaking in the Talbot Lounge in East Campus, Senator Baker first turned his attention to what he considered to be the dangerous overcentralization of governmental powers in Washington. It was his opinion that this process was gradually leading to the extinction of effective local government.

Tax showing

In order to remedy the situation, Baker brought forward a plan he submitted to the Senate earlier this year. Under his proposal, the

(Please turn to Page 7)

There are some students who have not yet received their IIS deferments and who have had both Form 109 and Form 104 sent to their Local Boards. Local Boards are slow in issuing classification notices to students. Students who have not filled out the new Form 104 requesting IIS deferment should do so at once in 20E-226. Nearly 200 students have not yet filled out this form.

When MIT was 'Boston Tech'

Original faculty has only six members

(Portions of the following material are reprinted with the permission of the MIT Press from the book When MIT was 'Boston Tech,' by Samuel C. Prescott. Copies of this work are still available from the publisher.)

By Don Minning

The opening day of the preliminary session of the Massachusetts Institute of Technology was February 20, 1865. On that day, President Rogers entered the following statement in his diary: "Organized the School! Fifteen students entered. May this not prove a memorable day!"

By today's standards, the circumstances that attended the school's opening may have been a bit less than memorable. The faculty, for instance, comprised six members, including Rogers himself. The students themselves were only 15 strong on the first day of class, though the number rose quickly to 23 as late applications were accepted. There was, at least, an impressive student-faculty ratio.

Early curriculum

The curriculum was also modest. It consisted of mathematics taught by J. D. Runkle, physics by Rogers himself, chemistry by Francis Storer, civil construction by William Watson, French by Ferdinand Blocher, and free-hand drawing, instructed by W. T. Carlton.

The admission requirements were basically a prior knowledge of the following subjects: arithmetic, algebra, plane geometry, English grammar, geography, and the rudiments of French. The preliminary session was intended to make up deficiencies in these subjects, and to enable more experienced scholars to embark on a second year curriculum.

Noteworthy teaching staff

Though small, the first student body and teaching staff was both then and later noteworthy.

Professor Runkle, head of the department of mathematics, was to hold that position until his death in 1902. He also served MIT in the capacities of Acting President and President from 1868 to 1878. Runkle was a self-educated New York farm boy who went on to receive his SB from Harvard's Lawrence Scientific School in 1851. From the very beginning he

was a staunch supporter of William Rogers and of the Institute. He became known to generations of MIT students as "Uncle Johnny."

William Watson, Professor of Mechanical Engineering, came to the Institute from a lecturing position at Harvard. He was himself a Harvard graduate of 1857, and distinguished himself by being the first in America to introduce the modeling of structures in plaster for experimental purposes. Professors Storer and Blocher achieved distinction through the production of outstanding texts in chemistry and French respectively.

(Please turn to Page 4)

TCA Charities Drive seeks student donations

The TCA-sponsored Student Charities Drive will be held this year from next Tuesday through Friday. Contributions will be accepted by living group representatives as well as at the booth in Building 10; these funds will be donated to the charity of the donor's choice. Otherwise, TCA will distribute the undesignated funds among this year's three recommended charities: the Greater Boston United Fund; Care, Inc.; and the World University Service.

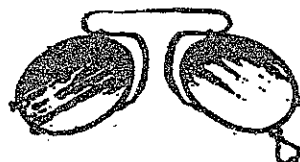
The World University Service is a charity that is relatively unknown to MIT students. Its purpose is to aid college students living and working in poverty, ill health, and with a lack of facilities. These conditions are sometimes so extreme that they are

completely alien to the American conception of university life. WUS is being pushed, in the hope that students in poorer nations will receive the help they need to acquire new dorms, cafeterias, libraries, scholarships, health programs, and that WUS will serve to promote international cooperation and goodwill.

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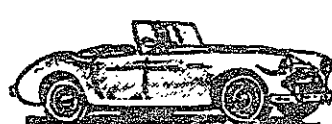


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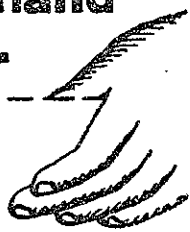
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Problems of urban affairs challenge Institute

(Continued from Page 1)

The vast majority of work on the problems of the cities have been carried on as interdisciplinary projects. Major efforts have been put forth by members of the Departments of Civil Engineering, Civil and Regional Planning, Economics, Management, and Political Science.

'Glideway,' 'Metran'

Relying on computers to sort mountains of data, the Dept. of Civil Engineering has made important studies of transportation, traffic control, highway safety, and novel structural designs. Interdepartmental projects such as 'Glideway,' a high speed ground transportation system for 1990; and "Central City Module," the design of a new kind of urban environment, are examples of MIT's contribution to solutions of the dilemmas of the city.

Long planning

The programs to receive funds from this new Ford Foundation grant have been long in the planning stages. President Howard Johnson, in an address to the 1967 Alumni Seminar entitled "The Meanings of the City for MIT," spoke about an Urban Systems Laboratory, and the program of Fellows in Urban Affairs. In the same speech he alluded to establishment of endowed chairs in the field, and announced the appointment of Boston Mayor John Collins to the faculty.

According to Johnson, the city has special meaning to MIT. It is "our home,"

and represents "the completeness and diversity of life." "We have a lot to learn from the city about the coexistence and the complementarity of disparate elements, as we come in closer contact with problems and as we become more involved in urban affairs." The challenge that MIT faces is to make modern technology serve the needs of the city.

Unleash energies

The Ford grant will allow MIT's participation in urban affairs to reach new

Due to its special strengths in engineering, planning and management, MIT is highly suited for specific contributions to the affairs of the city. There are problems of urban life for which purely technological solutions exist: pollution control, waste disposal, etc. The answers to these problems are within the technical capabilities of industry, and the university, but no effective market place has been developed for such services."

Market place

The University could act as this market place, interpreting technical know-how and

Further areas

The Institute has also made a decision to research those areas of urban affairs where technology is not developed, such as public housing, education and local finance. To insure a path of communication between the city and the university to aid in the study of these non-technical problems, it is "a necessary condition that leading thinkers and actors must be brought together and, in many instances, must interchange their roles to test and secure the validity of approach and practice."

This declaration of President Johnson forms the basis for the other two projects to be funded by the Ford Foundation grant. In order to infuse the actors into the academic world, the Institute will endow chairs in urban affairs, and bring the leaders of the cities to MIT to lecture, teach, and participate in the research.

The third element of the program of urban involvement will allow the bright and interested young people, the leaders of the cities of tomorrow, to participate and lend a hand in the management of the cities of today. Under the Fellows in Urban Affairs program, graduates will be able to serve on the staffs of urban officials, and bring the spirit of intellectual curiosity into harmony with pragmatism involved in running a metropolis.

'Hell is a city'

To requote Dr. Johnson: "150 years ago Shelly said, 'Hell is a city, much like London—populous and smokey.'"

MIT has made the decision that Urban America can and must be better than Shelly's London.

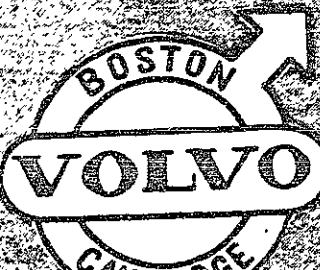
"We need to channel our financial and intellectual resources in directions more consistent with the kind of society we seek to build for all our citizens--Howard W. Johnson, 9-8-67"

level of performance. It will permit the school, in the word of President Johnson, "to take some action that will unleash the energies of this institution in ways that will benefit the city and will allow the reverse of this process, i.e., that the energies and vitality of the urban process can be captured and adapted to our academic climate, to enhance the intellectual product of this university."

correlating it to the needs of the urban centers. Dr. Johnson stated in his Alumni Seminar address: "Analytical studies and a vast network of communication on urban affairs—urban systems laboratories and urban information banks—are needed to be established by universities in each metropolitan area.

We propose to begin such a laboratory at MIT and we are already underway with several aspects of information gathering and analysis."

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Letters to The Tech

Tech samaritans

To the Editor:

I, along with a few thousand other fools, had the misfortune to be in (I hesitate to say "driving") our cars the night of November 15. There were four alternatives: 1) abandoning the car; 2) crying; 3) laughing; and 4) developing an ulcer. I attempted the third and probably achieved the fourth.

What kept the evening just short of total anarchy was the behavior of groups of Tech students near the Mass. Ave. Bridge. For some reason best known to themselves, they were directing traffic, handing out cups of hot coffee, and in general making an effort to control the uncontrollable.

I will not debase these students by trying to generalize on their actions that night. What they did was beautiful, and that ought to suffice.

Ron Mallis
President,
MIT Community Players

YAF petition

To the Editor:

Part of MIT YAF's effort in demonstrating support for Dow Chemical recruitment on campus was to circulate a petition calling on the administration "to continue the long-standing policy of permitting all employers who seek to hire MIT students to recruit on campus."

This petition, with over 500 sig-

natures was presented to Mr. Constantine Simonides, assistant to President Johnson. Manpower limitations kept us from presenting the petition to more than a fraction of the student body. More exhaustive coverage of a few selected areas resulted in 94% of one floor (40 people) in Burton and over 75% of two fraternities signing the petition. I believe this graphically demonstrates our contention — the MIT Student Body wants Dow Chemical and other companies having government contracts, to continue to be represented on campus.

Dave Pearson '68
Chairman, MIT YAF

Sound of poetry

To the Editor:

Your article on poetry readings at MIT was most welcome and largely accurate — welcome because many of us have tried for years to bring to the MIT community the sound of poetry and relevant commentary as an extracurricular activity; largely accurate because I was not the one who brought Dylan Thomas to MIT. He was invited here by the LSC whose chairman at the time was, I believe, a student named Edlin.

Many thanks to Mr. Lowenstein for a good article which we, in Hayden, hope will serve as further promotion of a happy project.

Theodore Wood, Jr.
Department of Humanities

Praise for Warren

To the Editor:

May I commend Michael Warren for his superb front page article on "Dashing Through the Snow." I was caught in the identical traffic jam that Wednesday and also set some kind of a record going from M.I.T. to the Commonwealth Avenue end of B. U. Bridge in 4 hours!

I want to express my appreciation to the group of men from M.I.T. who pushed my car halfway across the bridge and made it possible for me to get home at all. Thanks, fellows!

I don't think that anyone who has not experienced a "car imprisonment" can really sympathize with the victims. However, Mr. Warren expressed himself so well that I am sending copies of his article to my closest friends.

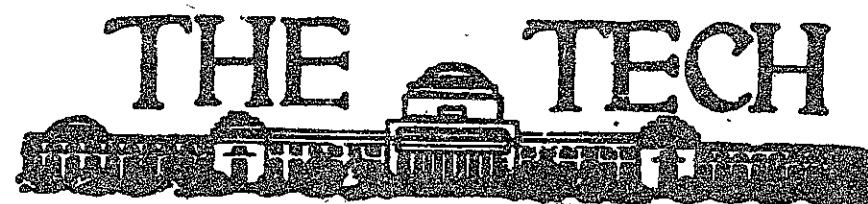
R. Hurvitz

EC singles

To the Editor:

It's amusing to note that The Tech keeps insisting that East Campus freshmen are doubled in single rooms because of a campus housing shortage. In particular, I refer to Jack Katz's article on Nov. 21 stating that, "... but this year 40 freshmen must double up in East Campus. ..."

For the second time, I assure The Tech staff that there are only two doubles in all of East Campus, both of which are doubles by



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December 1, 1967

Chairman	Guille Cox '68
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Front page photo of Harvard President Nathan Pusey, Professor Daniel Moynihan, and President Johnson at press conference taken by Terry Bone.

design. If there are still some non-believers, maybe we can arrange for a tour.

Hopefully some authoritative and swift acting dean has noticed The Tech's articles on campus housing and truly believing that East Campus is overflowing, will transfer 40 EC freshmen to Burton-Conner to alleviate our problem, thereby creating 40-one man, two room suites for EC upperclassmen. For this possibility, we sincerely thank The Tech.

Anthony George

Announcements

• All students are responsible for obtaining a final examination schedule in the Information Office, room 7-111. Examination not listed or conflicts in examinations, such as two examinations in one period, must be reported to the Schedules Office, E19-338, by Wednesday, December 20, 1967.

• Registration material for the second term will be available Wednesday, January 3, between 9:30 am and 4:30 pm in the lobby of building 10. Special students and students entering graduate year must have their applications approved by the Admissions Office by Friday, December 22.

• After January 3, regular students may obtain material at the Information Office, room 7-111; special students and students entering graduate year may obtain material at the Registrar's Office (EL9-335) after their applications have been approved by the Admissions office.

• Lists of companies to be interviewing in the Placement office (EL9-455) through Friday, Dec. 8, are now available. Interview lists are posted in the Placement office and are sent to all living groups and departments. Students are urged to sign up early to insure an appointment. Those seeking only summer employment may sign up no sooner than two days before the appointment.

• Representatives of Dieges and Clust will be in the lobby of building 10 Monday from 9:30 am to 4:30 pm. They will correct errors made in class rings, including resizing, for juniors.

• Students interested in the newly-created post of Associate Member of the Activities Executive Board should sign up in the Incomm Office (W20-401). AEB Associate members will serve as liaison between AEB and undergraduate activities.

• Students who receive VA benefits under PL-634 do not have to report monthly attendance under the new law.

• Ashdown House is sponsoring a spaghetti dinner in the Campus Room at 6 pm Sunday. The cost is 99 cents, payable at the Ashdown desk. Professor Dreyfus, Department of Humanities, will speak.

• The only Saturday on which the MIT Branch Post Office will be open before the Christmas holiday is December 16, Beethoven's birthday.

In addition to the official holidays of December 25 and January 1, the Institute will close at noon Friday, December 22.

Tuition once \$50/semester

(Continued from Page 2)

Among the first students we find names such as Forbes, Stone, Stevens and Tilden which became known in American industry a decade later. Joseph W. Revere, grandson of silversmith Paul Revere, and Samuel Cabot, Jr., whose father had been a firm supporter of Rogers were also students. The latter's brother, Godfrey Cabot '81 became, in the 1950's, the oldest active life member of the Corporation.

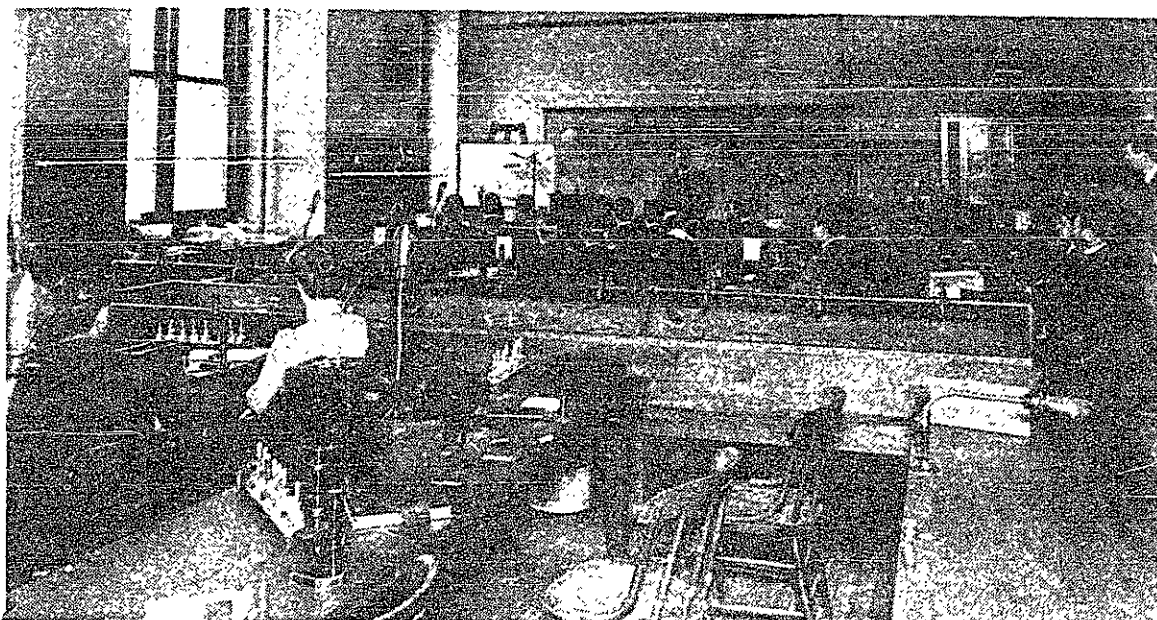
Another early student

Another of the members of that first class was Robert H. Richards. He returned to the Institute immediately after graduation in 1868 to become the first alumnus to teach at MIT. In two years he became an assistant professor, and later head of the department of mining and metallurgy. It is largely because of his reminiscences that much is known about those early days when classes met on the second floor of Boston's Mercantile Library building.

Need for instructors

At the completion of the first preliminary session, it became clear that more instructors had to be acquired. Among those who came to MIT at this time, were William R. Ware, Professor of Architecture and later head of the department at Columbia University, and a young professor of Analytical Chemistry named Charles W. Eliot. He was later to become President of Harvard University.

Tuition for the first full year was \$100. The first two years of the curriculum were standardized. Of the original 23 who attended the preliminary session, 10 entered the first year program, 11 the second year, and two did not return. The



One of MIT's first coeds attends classes "when MIT was Boston Tech." Although much has changed since those early days of MIT — classrooms, laboratory supplies, even locations — coeds are still relatively rare occurrences on campus.

first graduating class in 1968 numbered 13 because of upper class admissions.

Courses offered

The six courses subjects offered the last two years were mechanical engineering, civil and topographical engineering, practical chemistry, geology and mining, building and architecture, and an interdisciplinary series called general science and literature.

In those years, it was not unusual for MIT to enroll special students for only a term or a year of study. A sizeable portion of the student body consisted of such students. Also, a series of night lectures given under the auspices of the Lowell Institute, was run by Institute personnel, to benefit those who could not afford a full-time education.

Lowell lecture series

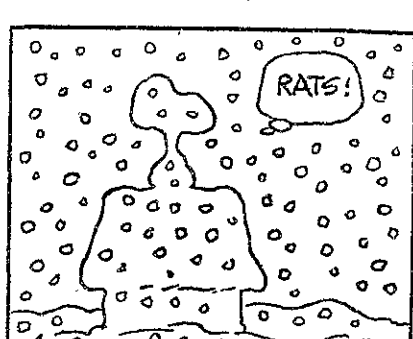
This series was not meant as mere entertainment. Neither was it restricted concerning the sex of its membership.

Therefore it is not surprising that a number of serious women students were attracted to them. In 1867, a small group of them petitioned the Institute proper for admission, and the next year MIT was a coeducational school.

The first female graduate was Ellen H. Swallow in 1873. She had come to MIT from Vassar College, and she stayed as a "resident graduate" working as assistant to Professors Ordway and Nichols. The next year, she married Professor Richards.

MIT's reputation

The reputation of the new Institute of Technology grew from the day it opened its doors. In 1868, when the school had to petition the state legislature for permission to confer a degree on its graduates, that petition was readily granted. The young school was becoming established in every way except one: financially.



Collins appointed under grant

(Continued from Page 1)

solve the problems of urban America by itself. It could, however, provide the intellectual research needed before we can adequately understand the forces at work in

the modern city. As Johnson said, we can always funnel money into the cities, but money alone will not solve the urban dilemmas. "A more basic problem is our understanding of the long range urban situation."

(In conjunction with grants to the four universities, the Ford Foundation has doubled its annual grant to the Joint Center for Ur-

ban Studies. For the next three years, the center will receive a total of \$1.2 million from the foundation.)

Broaden environment

James Wilson, past chairman of Harvard's Faculty Committee on the Joint Center, emphasized the role that the cities can play in the colleges. He stressed that the proposed programs are not one-way

streets but — that by focusing attention upon the needs of the cities, the universities are able to broaden and invigorate their academic environment.

Both Wilson and Johnson brought up the point that the college student is a major driving force behind programs of the type envisioned for urban studies. Wilson explained that inevitably, student interest precedes faculty interest. When the latter has been sufficiently established, the university as an institution tends to enter the field.

Studying to death

A controversial point was raised by a reporter in the audience who asked if perhaps, instead of making concrete inroads into the existing problems, MIT and Harvard



Photo by Terry Bone

President Howard Johnson answers questions at press conference Wednesday morning.

were "studying the problem to death." Dr. Moynihan replied that at the present time, urbanologists are most impressed with what they don't know. Even more important, he stated, is that many long standing notions about the make-up of the city are false. Only intensive research and analysis of the problems of the urban centers will correct this situation.

President Johnson added that the colleges must prepare men to lead the cities of tomorrow, just as we now educate the engineers, doctors, scientists, and businessmen of tomorrow. "We in the university should produce competence in urban affairs just as we have produced competence in law and medicine."

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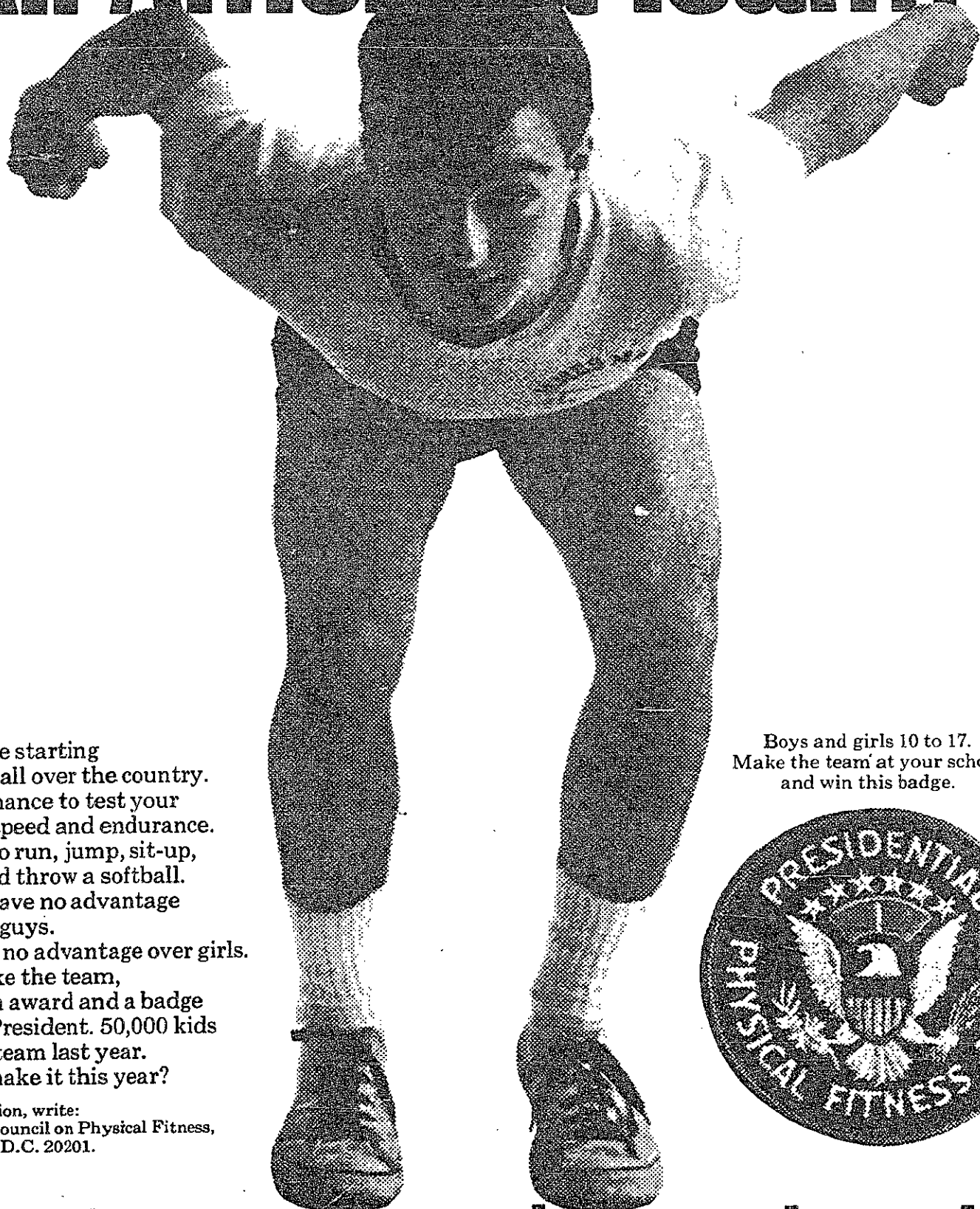
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For information, write: President's Council on Physical Fitness, Washington, D.C. 20201.

Boys and girls 10 to 17. Make the team at your school and win this badge.



You'll never know unless you try out.

Making the Scene

Those who missed Trial by Jury when it was presented earlier this fall by the G&S Society may catch it Tuesday in Ames Court Room of the Harvard Law School. The Harvard Law School Drama Society has invited the MIT group to repeat its success up the river. Admission is a half dollar.

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Another aspect of the Dave Brubeck Quartet Concert taking place Friday at 8:30 p.m. at Back Bay Theatre is that Sigma Phi Epsilon has agreed to allow Columbia Records to tape the performance, which could possibly be the last recording of the group before its imminent break-up.

The American premieres of the highly successful London productions of *The Dwarfs* by Harold Pinter and *The Local Stigmatic* by Heathcote Williams will be presented by the Theatre Company of Boston through Dec. 17.

Infirmmary's move to Sancta Maria called temporary

(Continued from Page 1)

tional facilities will keep the department in a "comfortable" position for only two or three years before more space will be needed. Dr. Seeler also pointed out the necessity of duplicating x-ray rooms, laboratories, and some manpower with the split facilities. He said that the hospital facility is satisfactory, but a building designed specifically as a school infirmmary would be better. Dr. Seeler is hoping that a new Medical Department Building can be built in the near future to consolidate facilities and meet future space requirements.

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Talking Rock

By Steve Grant

It will be an interesting battle between "Hello Goodbye" and Daydream Believer" in the next few weeks for the number one spot on Billboard's list. "Daydream Believer," released only three weeks ago, has just reached the top position, the fastest climb for any single since the Beatles' "Yesterday" did the same thing two years ago. "Hello Goodbye" now stands at 45 in its first week.

Past 'clashes'

The two groups have had only one previous direct confrontation on the singles chart, when "All You Need Is Love" reached number one and "Pleasant Valley Sunday" number three in August. In their one album contest "Sgt. Pepper's Lonely Hearts Club Band" immediately pushed "Headquarters" down to number two and kept it there for three months until "Ode to Billie Joe" took over the top album position.

This week "Pisces, Aquarius, Capricorn, and Jones, Ltd."

jumped to number one on the album chart in its second week. Another battle is shaping up here for the time when the next Beatles album, due out in January, goes on sale.

New Beatles movie

Incidentally, two weeks ago mentioned wrongly that the Beatles would leave Capitol Records after they did the soundtrack of their next movie. Their American contract with Capitol is binding for another eight years. It is with the British firm EMI that they have not renewed their contract.

It isn't exactly known when the next Beatles movie will be out. According to Crawdaddy: "Michaelangelo Antonioni will direct 'Shades of a Personality.'" The story line involves the four faces of a man, each played by a different Beatle."

Things to come

But before the movie and soundtrack come out, watch for both an album and a TV special called "Magical Mystery Tour." The TV show, starring and produced by the Beatles, will be shown in Britain during Christmas week and about two weeks later in the US. It will contain six new songs, including "Blue Jay Way" (a raga by George), "Flying," "The Fool on the Hill," and "You Mother Should Know." The album will have the six songs from the show, plus "Penny Lane," "Strawberry Fields Forever," "All You Need Is Love"/"Baby You're a Rich Man," and "Hello Goodbye," none of which are currently available on American albums. (This will leave only "I'm Down" (the flip side of "Help"), "Paperback Writer"/"Rain," and "I Am the Walrus" unavailable here on lp's, the first three of which are probably too old now to ever be put on an album.) The group is also writing three new songs for "Yellow Submarine," a full-length feature cartoon which will include several past hits and some tracks from "Sgt. Pepper." (Crawdaddy)."

'Walrus' a joke?

"Hello Goodbye" is the so-called "plug side" of the new single, but "I Am the Walrus" is more interesting and a better song. As with most of the Beatles' songs, the lyrics have little or no deeper meaning. There is, however, a plausible relation to "Through the Looking-Glass" in some phrases. "The Walrus" and the repetition of "I'm crying" alludes to the story of the walrus and the carpenter who wooed the oysters (who cried when they learned of their fate).

"Lucy in the sky" and "Hare Krishna" of course refer to two other songs, the latter one of the Beatles' favorites. "Edgar Allan Poe" and "a dead man's eye" call to mind Poe's story "The Telltale Heart."

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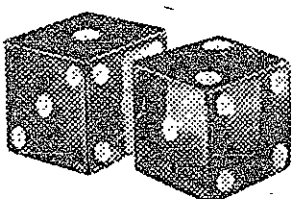
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Autobus publicizes theatre season

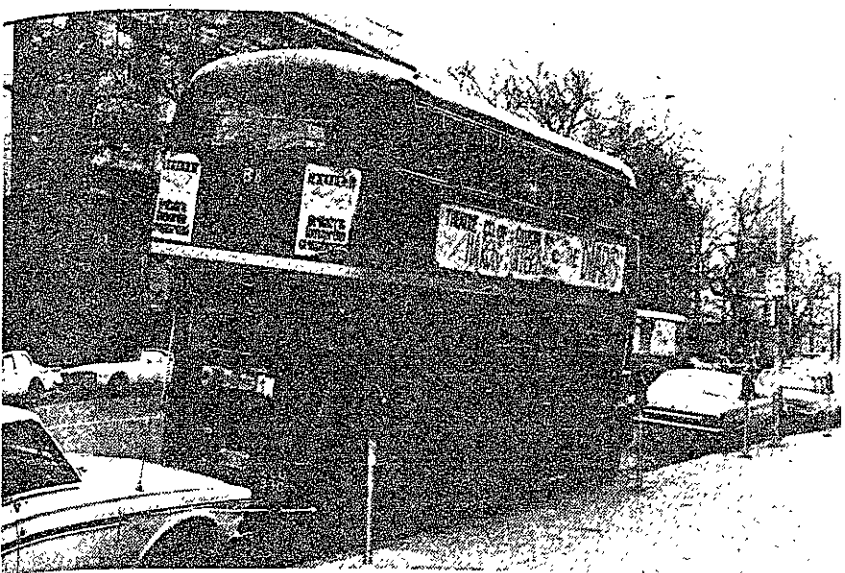


Photo by George Flynn

An autobus, reminiscent of London, visited college campuses this week to promote this year's opening of the Theatre Company of Boston. The bus's schedule brought it to MIT Tuesday with tea and crumpets for all visitors.

By Barry Weiss

A genuine London "autobus," parked in front of Bexley Hall Tuesday morning, was used as a publicity stunt by the Theatre Company of Boston to launch their fifth season. In spite of its unfitting appearance in the bleak MIT atmosphere, the vehicle failed to draw the attention of many Techmen.

In the past week, the bus has visited several locations in the Boston area. The theme in using the bus for publicity connects with the Theatre Company's opening production, which consists of two short British plays, Harold Pinter's "The Dwarfs" and "The Local Stigmatic" by Heathcoate Williams.

The bus was also used to draw attention to the Theatre Company's renovated theatre at 136 Massachusetts Avenue, Boston. The new theatre will seat 400 which is twice the capacity of their old location at the Hotel Touraine.

Aboard the bus were several pictures of scenes from the company's upcoming production, and several bits of material discussing their past achievements and prospects for this season. Also on board were two matrons of the Theatre Company who served tea and "crumpets" and discussed the theatre with visitors.

Baker criticizes welfare system— 'poor people pay 100% income tax'

(Continued from Page 1)

federal government would return a portion of its tax revenues to local authorities with no strings attached. This would enable the local governments to do a more effective job. As Baker put it, "The federal government collects taxes more efficiently than it spends them."

Commenting on the need to change the philosophy of our welfare system, Baker noted that "The poor people pay 100% income tax," because any extra money they earn is deducted from

their welfare grants. He felt that incentive to work ought to be re-introduced in our welfare system.

The Senator also discussed the ways in which technology affects our life today and what it will do in the future. He considered the adjustment that society must make to rapidly changing technology to be one of our major problems today.

Finally turning to the Middle East Nuclear Desalinization Pro-

gram (MEND), the Senator characterized the program to set up an international desalting corporation in the eastern end of the Mediterranean as a means of breaking the "equilibrium of belligerence" present in that area. The program has received widespread support in the Congress; Baker considered it to be an excellent opportunity to use technology to reduce international tension.

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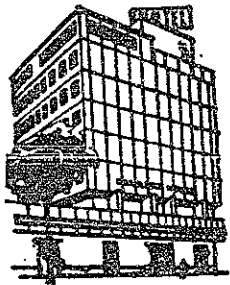


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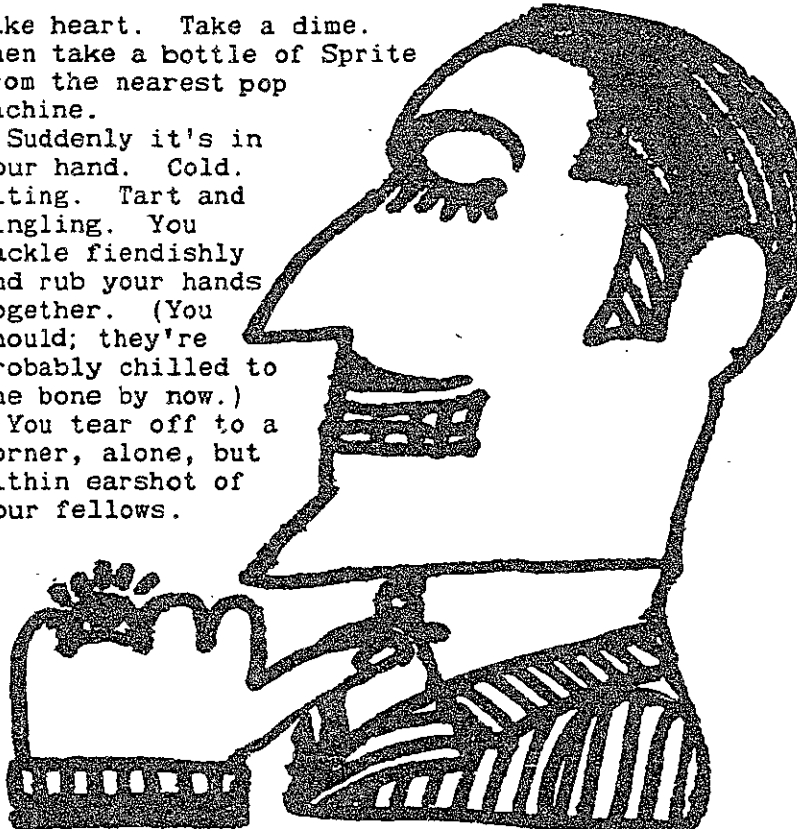
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Take heart. Take a dime. Then take a bottle of Sprite from the nearest pop machine.

Suddenly it's in your hand. Cold. Biting. Tart and tingling. You cackle fiendishly and rub your hands together. (You should; they're probably chilled to the bone by now.)

You tear off to a corner, alone, but within earshot of your fellows.



And then? And then? And then you unleash it. SPRITE! It fizzes! It roars! It bubbles with good cheer!

Heads turn. Whisperings. "Who's that strangely fascinating student with the arch smile. And what's in that curious green bottle that's making such a racket?"

And you've arrived! The distinctive taste and ebullient character of Sprite has set you apart. You're somebody, uh...uh, whoever-you-are.



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TINGLING. WE JUST COULDN'T
KEEP IT QUIET.

SPRITE IS A REGISTERED TRADE MARK

The beer-runner wouldn't call "quits"
When his ship floundered off St. Moritz;
He cried, "Sink if we must,
It seems only just
That the captain go down with his Schlitz."



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Once again, intramural sports have raised a controversy in the MIT community. This time, the sport in question is wrestling. The main reason for the debate is that three people who wrestled in the tournament now appear to be ineligible, due to subsequent participation in varsity sports.

However, there is a definite loophole in existence on this point, for the three in question were not out for varsity sports when the tournament was held. Therefore, under the current eligibility rules, there was no violation.

On the past, swimming has also had the same trouble, with some houses holding freshman out from the frosh team until after the IM meet. This is apparently much more prevalent than the problem which occurred this year with wrestling.

Rules change planned

There is obviously a need for changes in the IM eligibility rules to counteract the above problems. According to IM Council Chairman Scudder Smith '69, these are in the works, and will be presented at the next IM Council meeting a week from today. These will close the above loopholes, making a IM sports.

However, there is also a question of ethics involved here. What is the purpose of intramural sports? Are they merely designed to provide an annual competition for the IM trophy? Or are they set up to allow people not good enough to make the varsity a chance to compete in athletics?

Another change needed

It is reasonably obvious that the second case is the intent of the competition. Therefore, in addition to closing the above loopholes in the rules, the IM Council should also insert a new section in the

rules, allowing the protest committee to take action on any action detrimental to the spirit of intramural sports.

Predictions

On a somewhat lighter note, it's been a while since anyone had the nerve to try a few predictions.

The swimming team looks to have a close met with Bowdoin, Saturday, but should pull it out in the final relay by a score of 50-45. Indoor track will also open against Bowdoin. On the strength of the sophomores, a reversal of last year's 70½-42½ score seems likely. The cagers, facing Wesleyan in the opener, will have a tough time. Dave Jansson '68 will pull the team through to a 65-62 win.

The squash team will have a split this weekend. They should have no trouble with Adelphi Friday (8-1), but Dartmouth's experience could prove the difference in Saturday's game (4-5). Finally, the varsity skaters will probably suffer a repeat of last year's 6-1 loss to UMass.

Face tough season

Tech racketmen have strong squad; sophs add depth to talented seniors

By Paul Baker

Paced by a solid core of match tested seniors, MIT's squash team should be the strongest squad produced here in the past four years. Essentially this team is the same as last year's, with three sophomores added in the middle of the lineup. Coach Edward Crocker feels that his first three men, Ken Wong, Chye Tantevit, and Robert

Mellanson, all seniors, are exceptionally strong players and will lose to few opponents.

Arthur Klein, another senior, is presently manning the number 7 position, while Jeff Hallock, '69, despite missing practice while he was running cross country, holds down the number 8 spot.

Sophs help team

The key men on the team this year are the three sophomores. Manny Weiss (9), Bob McKinley (4), and Terry Champlain (6) were numbers one, two, and three respectively on last year's exceptional freshman team. If these three men live up to expectations, the team will have a very solid first nine.

This season's schedule is nearly the same as in previous years. The squad will play other Ivy League schools (Dartmouth, Princeton, Harvard, Pennsylvania and Yale), the little three (Amherst, Williams, and Wesleyan), Army, Navy, and several independents.

Harvard unbeatable

Captain Wong feels that Harvard will again be unbeatable, but that the team has a good chance against the others. He noted Penn



Photo by Terry Bone

Tech squash players concentrate on their practice in preparation for the winning season ahead.

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JV grapplers win opener, trounce Emerson 40-11

By Armen Varteresean

The new wrestling season got under way last Wednesday as the Tech jayvees trounced the varsity squad from Emerson, 40-11. Nine of the eleven matches of the evening were decided by pins, eight going in favor of the engineers.

Roger Chang '69 put the first points on the MIT board as he pinned Richard Levie with eight seconds remaining in the second round of the 115 pound match. Emerson came back to tie the score as

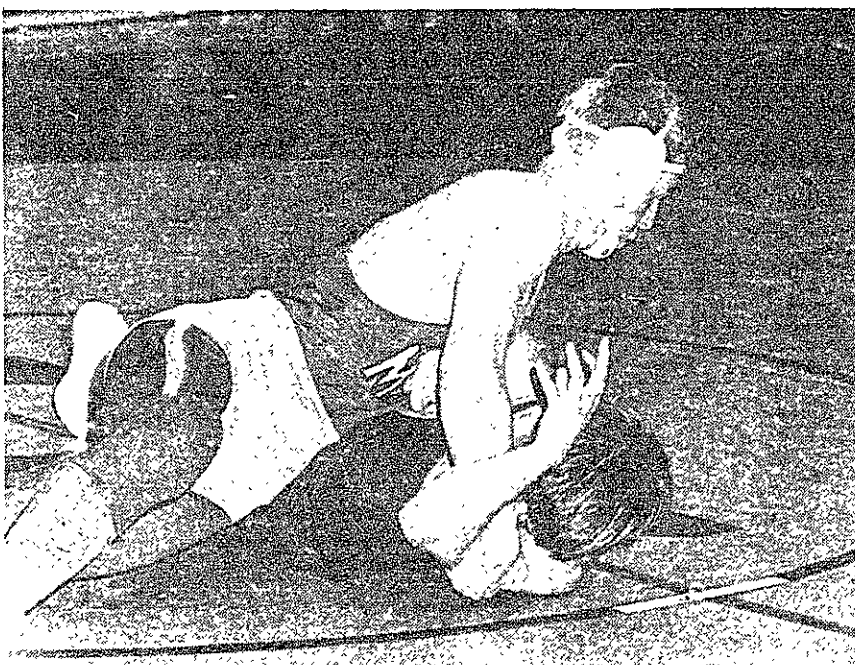


Photo by Mike Venturino

Bill Kennelly '70 forces Emerson wrestler George Woods into a pinning combination in Wednesday's match. Kennelly was one of eight engineers to pin his man.

Richard Leonard pinned Dick Goodman '70 in 3:12.

The next seven matches belonged entirely to the Engineers. Joe Baron '70 pinned Ron Roleson in 3:38. Mike Dickens '70 pinned Mike Conners in 2:19. At 145 pounds, Regan Fay '70 pinned Chris Callahan in 6:48. Paul Malley '70 won the 152-pound match with a 2:23 fall over Tom Sutcliffe. Another soph, Bill Kennelly, took 3:11 to pin George Woods.

Garvey pins opponent

Captain Tom Garvey, the only senior on an exceptionally young jayvee team, put the match well out of reach with a quick pin over Barry Piper, and Dean Whelan '70 added the seventh Tech pin in a row, putting Paul Levine to the mat in 5:28.

At 191, John Stempack '70, 20 pounds underweight, suffered a 10-6 loss to Ken Kowalski. The Tech heavyweight, Frank Ching '70, in his first intercollegiate match, lost a 6-1 decision to Dave Tucker to end the meet.

Though they will certainly face tougher teams than Emerson in their schedule, the outlook for the junior varsity is bright. Presently stocked with sophs, the team still has depth and talent. Their next match, definitely one of the rougher on their schedule, has Tech facing the Harvard jayvees Wednesday, December 6th. The varsity season opens officially this Friday as MIT travels to New London, Connecticut, for the annual Coast Guard Invitational meet.

How They Did

Wrestling

MIT (JV) 40, Emerson 11

GBL soccer All Stars selected; Reynolds, Young named from Tech

By Ron Cline

Although the varsity soccer team finished the season with a winless 0-4 league record, two outstanding individual players were able to land positions on the Greater Boston League All Star team. Both Jeff Reynolds '69 and Steve Young '70 gained enough points from the various varsity coaches to top players from four other colleges—Tufts, Boston College, Brandeis, and Boston U.

Reynolds, a 167 lb. goalie from Tampa, Florida, stopped 84 shots in league play, while giving up 15 goals in the four games. The 5'10" junior was credited with an over-all total of 255 saves with 45 goals allowed in the thirteen season games. A mechanical engineering major at Tech, Reynolds came off the bench to be Tech's first-string netkeeper at the outset of the season, and kept the spot pinned down with his excellent defensive play.

An even younger player is Steve Young, who graduated from an

excellent season on the freshman team and became one of the main spearheads of the varsity offense. Young, a 5'10", 165 lb. forward from White Plains, New York, characterized his play with an outstanding determination and the ability to take control of the ball while under pressure. Despite Tech's marked inability to score, Young drew enough raves from opponent coaches to land a spot on the All Star squad.

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The new MIT karate club will hold its first practice this Saturday from 2 to 4 pm at the Armory and will continue practices on each Saturday thereafter. The instructor for this young club will be Young Hoon Kwak, a 4th year student in architecture who has earned his black belt. Everybody is welcome to join, with a special invitation to beginners.

Coach anticipates success

By John Wargo

Coach Farnham thinks his eleventh year as varsity track coach should be a very rewarding one. "Let's say this much, last year's varsity record was 1-6. We should improve on it, in fact I think it's possible to turn it around." The overall depth of the team is better than it has been in years with three or four good men in each event.

The team has few competitors with varsity experience — only nine lettermen are listed on the roster. They will have to draw a great deal of material from last year's freshman squad, but what a source of material; the class of 1970's freshman cross-country, indoor and outdoor track squads lost only one meet.

Sophomore sprinters

Three of the four outstanding sprinters evidence this sophomore strength: Bill McLeod '69, Joel Hemmelstein '70, John Holding '70, and Larry Kelly '70 will be running the dash. Coach Farnham lists Kelly, Jim Leary '70, and Dean Schneider '69 as the leading prospects for the 600.

When the 1000, mile, or two mile are mentioned, Farnham almost jumps for joy. The coach draws

material for these distance events from the undefeated cross-country team and comes up with a good deep lineup of runners. Ben Wilson '70 leads the pack here, followed closely by John Owens '70, Jim Yankaskas '69, Larry Petro '70, Eric Darling '70, and Pete Peckarsky '68.

Field events weaker

"Our field events will be weaker this year, primarily because we have lost top weight men such as Gordon DeWitte '67," says Coach Farnham, but quickly points to Pete Maybeck '68 and Bruce Lautenschlager '70 as potential 53 foot weight throwers and the team's top shot putters, backed by Jim Sicilian '69 and J. Douglas Reid '70.

In the pole vault area, Captain Steve Sydorik '68 must be recognized as at the top in New England and will be shooting for 15-16 foot jumps in the big meets.

McLeod leads jumpers

The broad jump sees Bill McLeod '69 hitting over 22 feet and heading for 23, with Kjell Karsrud '68 backing him up. John Zilli's ('70) 6-3 jump outdoors should make him the leading high jumper with Dave Ogrydziak '68 near him.