150 faculty members urge Senate ratification of nuclear ban treaty

The guidance and navigation system of the Apollo spacecraft was the subject of a national press conference held here yesterday morning. About 40 reporters attended the 10-10 a.m. briefing at 73 Cambridge Street, site of the guidance and navigation work.

The Apollo project, a program of the National Aeronautics and Space Administration, calls for a manned mission to the moon's surface and later return to the mother ship.

Primary responsibility for the guidance and navigation system of the project rests with MIT's Instrumentation Laboratory.

At the press conference it was reported that the guidance and navigation system will be totally contained on board the spacecraft and will be capable of operation, without information or instructions from earth.

The astronauts will have great flexibility in the system is operating, ranging from manual modes to automatic modes. This flexibility is in what interface represents one of the most important advances being incorporated into the design.

The job of getting the Project Spacecraft to the moon and back can be described in terms of the two principal functions.

Navigation First Principles

The first function is navigation. This determination of position in space and in similar to pointing position on earth as done by a ship navigator at sea.

The second function is guidance. Once having established the position and velocity of the spacecraft, the mission then must establish the steering direction and the necessary starting and stopping of the controllable engines.

To carry out these functions, the Apollo guidance and navigation system will be composed of primary and principal subsidiary measurement units, an optical measurement unit and a computing unit—plus the displays and controls that relate the three and provide the flexible manual-inherent.

The initial measurement unit is an assembly of gyroscopes and the system that establish a fixed reference from which the coordinates of position and speed of the spacecraft can be established from each other direction or speed.

Optical Unit Has Telescope

Another important element in the measurement unit consists of a telescope and a space and a secondary surveillance display and controls. The sensor is similar to experimental versions and embodies numerous automatic features.

The inertial measurement unit and the optical unit will be used by the crew to take navigational readings and plot position spacecraft position in space on the moon and back.

Received recently

Millions in grants from gov't, private groups to support science, engineering research work

The guidance and navigation system topic of national press conference here

Apollo guidance and navigation system

Fraternity, non-fraternity cums at 3.7

Beta Theta Pi led all living groups in academic rank last term, with a composite sum of 4.0. The all-fraternity average was 3.7 and the average of all non-fraternity members was 3.5. The pledges of Theta Delta Chi led all groups in freshman average, averaging 3.7. Fraternity cums averaged 3.5, while non-fraternity freshmen had a 3.6 average.

The job of getting the Project Spacecraft to the moon and back can be described in terms of the two principal functions.

During the past few months, MIT has received many grants from various sources, including industry, private foundations and government.

The grants will be used to sup-

port research in a wide variety of science and engineering fields,

Anacord Aids 2 Undergrads

Acord, Inc., a textile company, has made a five-year $30,000 grant to provide support for a new undergraduate scholarship program.

The grant will be used to aid two undergraduates a year in the fields of the earth sciences and materials science and engineering. It will also pro-

vide MIT with annual unrestricted research funds to support the overall teaching and research programs.

Anacord has also been awarded six federal contracts in recent years, including one $95,000 contract for a study of marine science and technology.

The research will be carried out under the project name MAC.

Optical Unit Has Telescope

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By Lyall Morrill

Automatic dial equipment was installed during the summer to serve the telephones in East Campus and Senior House. Using the Dormitory Telephone System, any dormitory resident may now place a call to any other resident without the assistance of an operator.

The System serves every room in Burton House, Baker House, McCormick Hall, Graduate House, East Campus, and Senior House. Also served are student activities, the Electrical Engineering Department, and the offices of a few Institute officials.

For the convenience of our readers, The Tech presents this comprehensive guide to the use of the Dormitory Telephone System. We extend our thanks to John E. McNamara, of the System staff, for his extensive help in the completion of this directory.

Three exchanges

Every telephone in the Dormitory Telephone System requires its own pair of wires connecting to the dial equipment. Therefore, a central exchange serving the entire system would be prohibitively expensive. Also, such an exchange is unnecessary, since many calls are made between rooms within a single dormitory. Therefore, the Dormitory System includes three exchanges, located in Burton House, Graduate House, and Walker Memorial.

The Baker exchange serves all telephones in Baker House except those whose numbers are located according to this table:

- For example, the local number of room 202 in Senior House must dial the exchange code, 0. If the room number is 202, then 150 + 202 = 352.

Exchange code: 0

Local numbers:
- Add 150 to the room number to obtain the local number.
- Add 0 to the room number to obtain the local number.
- Subtract 150 from the room number to obtain the local number.
- No letter A

Each number depends on the second digit of the room number. If the room number is 107, then 103 = 107 + 10, 104 = 107 + 11, and 105 = 107 + 12. Thus, a Burton House resident calling a resident of Munroe House would not need to dial the exchange code, and 0 for the Walker exchange.

Numbering system

The three exchanges are interconnected by trunk lines, and they exchange is unnecessary, since many calls are made between rooms within a single dormitory. However, an East campus resident dialing the number for the Grad House exchange and 0 for the Walker exchange would not need to dial the exchange code, and 0 for the Walker exchange. Thus, a Burton House resident calling a resident of Munroe House would not need to dial the exchange code, and 0 for the Walker exchange.

Exchange code: 9

Local numbers:
- Add 90 to the room number.
- Add 20 to the room number.
- Add 0 to the room number.
- Subtract 90 from the room number.
- No letter A

The local numbers for each room in Senior House are given in the following table:

Graduate House

Exchange code: 9

Local numbers:
- Add 150 to the room number.
- Add 0 to the room number.
- Subtract 150 from the room number.
- No letter A

The local numbers for each room in Senior House are given in the following table:

East Campus

Exchange code: 0

Local numbers:
- Add 3 to the room number.
- Add 15 to the room number.
- Add 0 to the room number.
- Subtract 3 from the room number.
- No letter A

For example, the local number for room 352 in Senior House is located according to this table:

Each number depends on the second digit of the room number and on the letter at the end of the room number, according to the following:

- Second digit 1 - 2, 3, 4, 5:
  - Letter A: Add 0
  - Letter B: Add 0
  - Letter C: Add 0
  - Letter D: Add 0
- No letter A

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Computer art advanced

Unique language to be put to work by civil engineers

A new computer language and programming system for solving structural engineering problems has been developed by researchers at the Department of Civil Engineering.

The system, called STRESS, is potent and powerful, and is being published by MIT Press.

Researchers at MIT are describing their System which will be a sort of 'sketchpad' for structural design. The STRESS system will be used to design buildings and other structures.

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Within Inscomm

Parents' Weekend heads list of upcoming Inscomm projects

by Jerry Luebbers, UAP

Kibitzer

by Alan RenSey

Robert L. Denker led his team Ten and deduced dummy's Ten was lying there in a diagonal. North's King of spades would not be good enough to hold the Ten. Only when South Queen took the trick, leaving dummy Ten closer in his hand, did South's East play a ten.

At this point, declarer must decide how to play the clubs. He could try to win the ten spades in dummy with the queen, lose declarer's king of clubs and the ten spades in dummy. But if declarer fails to win the club trick on the queen, South wins and declarer loses two tricks. If, however, declarer takes the club trick on the ten, he is assured of one spade and one club trick and the contract is won.

Therefore, declarer decided to claim the queen by throwing four spades at the ten. In all, the declarer made four club tricks for a total of five of the ten ten's decay before it is made sure that the Ten will be in East's hand. After all, they are your project.

And as a final thought, remember that what is in your project is important to you. It is important to you that it be a success and important to you that it be a good project. And there is nothing more important than that.

Letters

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The Sussman study

In 1959, sociologist Sussman finished her study on Freshman Morale at MIT. Commissioned by the Institute, the report was based on research about the class of '61. There were a large number of interesting findings. Four freshmen lost detailed diaries of their experiences. The Sussman report reached these conclusions:

MIT is a performance-oriented school. For both freshmen and their instructors, grades are the main measurement of performance. Grades are the most important single factor affecting freshman morale. Students with low grades have lower morale and study less. The grades-morale-grade syndrome seems to be a modern-day version of the Biblical admonition: The destruction of the poor is their poverty. For whoever has, it will be given to him. Whoever has not, from him shall be taken even away that he hath.

Many freshmen who come to MIT are not prepared for the realities of university life. They find ads to this area of studies with little or no interest other than the courses that are required.

Students must meet professors never went to see the faculty, and few saw them often.

Since values are usually learned from respected models, and students hold the intellectual competence of the faculty to be very high regard, closer relations between the two worlds would set the tone of the community life MIT strives to achieve.

However, the Sussman report acknowledged that the demands on the faculty to do research must conflict somewhat with the Institute's educational goals.

MIT was considering in calling an Dr. Sussman to make her perceptive report. But just as the Institute is performance-oriented with respect to its students, so it must be with itself. To MIT, the primary value of the report is only the improvement it has inspired.

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Room needs

In all of MIT, there are only four piano practice rooms—one each in Baker House, Barton House, Graduate House, and Walker Memorial.

But the new morning's Dormitory has a piano in its lobby, but has no private practice room. Senior House has a music room—but no piano. East Campus's role

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**THE DEAN YOU SAVE MAY BE YOUR OWN**

Colleges are complicated and bewildering places, filled with overloaded and bewildered people. Today let us examine one of the most complicated and bewildering—yet fetching and lively—of all campus figures. I refer, of course, to the dean of students.

J. Edgar Hoover, close to, lit a Marboro and went up on the roof of his house to remove the statue of the Founder which had been placed there during the night by high-spirited undergraduates.

At 7 a.m. he lit his Marboro and walked briskly to the campus. The dean had not been driving his car since it had been stolen in the early morning hours by high-spirited undergraduates.

At 7:45 a.m. he arrived on campus, lit a Marboro and climbed the bell tower to remove his secretary who had been placed there the night before by high-spirited undergraduates.

At 8 a.m. he reached his office, lit a Marboro, and met with E. J. Ewbank, editor of the student newspaper. Young Ewbank had been writing a series of editorials urging the University of Bridgeport to take over Alameda State College. When the editorials created so much response, he had taken matters into his own hands. Accompanied by his secretary and two proofreaders, he went over the border and conquered Manitoba. With great patience and several Marlboro Cigarettes, the Dean persuaded young Ewbank to give Manitoba back. Young Ewbank, however, insisted on keeping Winnipeg.

At 9 a.m. the Dean lit a Marboro and met with Robert Pinto Signafo, president of the local Sigma Chi chapter, who came to report that the Deke house had been put on top of the girls dormitory by high-spirited undergraduates.

At 10 a.m. the Dean lit a Marboro and went to umpire a baseball game on the roof of the student center.

At 11 a.m. he arrived on campus, lit a Marboro and checked the mail. The dean had been removed from his office by high-spirited undergraduates.

At 12 noon the Dean had a luncheon meeting with the President. The President and the dean, at the bottom of the campus retaining wall where the faculty dining room had been placed during the night by high-spirited undergraduates.

At 1 p.m., the Dean returned to his office, lit a Marboro and arranged to give up Winnipeg if he could have Moose Jaw.

At 2 p.m., the Dean lit a Marboro and met with a delegation from the student council who came to present him with a set of matched luggage in honor of his fifty years of service as dean of students. The Dean promptly packed the luggage with all his clothes and teleed to Utica, New York, where he is now in the aluminum siding game.

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SPEECH

STUDY AIDS

Write for complete lists

The TECH

WEDNESDAY, APRIL 13, 1966

Page 5

By Toby Zida "63

California makes mint at college; Football league with MIT proposed

The operation of a printing press is business to common people, who, it seems, are unaware of the magnitude of the problem involved in running a printing press in business to common people, who, it seems, are unaware of the magnitude of the problem involved in running a printing press in

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movies...
'The Haunting grade-C horror movie

By David F. Noten

Thirty seconds after the start of 'The Haunting' one is the definite feeling that one is about to see a very bad movie. Within a few minutes, this feeling has been confirmed, as one is ensnared on a novel by Shirley Jackson, a writer whose fame rests primarily on a short story called 'The Lottery.' Various visualizers have been assembled at Hill House, the film relies excessively on "gimmick" shots and weird camera angles to show the psychological effects of these phenomena on the four members of the investigating group, dealing particularly with one Eleanor Vance, a timid and lonely woman who is at least half crazy to begin with. At the beginning of the movie, there is a prolonged sequence explaining that Hill House is an evil place, complete with falling evil-tech shots of the building and its former inhabitants, including Hugh Crain, who described it as a gothic chateau, and his daughter Abigail, whoオープ before your very eyes and then as an old ruin.

After the introduction, we meet Dr. John Montague, undertaker of the ghost-hunting expedition, and his three companions in the enterprise, among whom Eleanor, a nurse, is identified as "Theodore," and Luke Henderson, a weak-minded college student whose aunt happens to be the current owner of Hill House. On Montague is concerned primarily with uncovering the Hill House secrets that go bump in the night, while Eleanor is interested primarily in Dr. Montague. Theodore is interestingly enough, Luke finds the whole business to be a force, and is interested only in how much money he can get for Hill House when he inquires the place. As this jolly quartet proceeds on their mazy way, we are treated to such a delightful dialogue as "That's the in the vault, so I must be Eleanor in the forest, and I really must spend my vacation somewhere else next year." We also get to see Theodore peel a raw potato during dinner, for some unexplained reason. Three-quarters of the way through, we are sure that 'The Haunting' is trying very hard to be something but is not coming through very clearly. Eleanor is definitely on the mental side. She seems more than likely to be a Lunatic. The film is completely flat, and further, Montague's wife shows up and then disappears. Then here on, anything goes, and the movie ends in a blur of cliches and stale cliches. A shot of someone's feet being captured in a cement mixer is less than compelling at best, and when rotated ninety degrees loses whatever meaning it once had.

The setting is fair, but nothing to move about. Julie Harris does a good job as the befuddled Eleanor, but cannot quite overcome the handling of having to play a totally believable character. Claire Bloom's major infatuation to the film is her X-rated performance of Theodore in not very powerful part. Richard Johnson's last move to try to look like Elvis Presley is to do so much shouting as to make respectable role in the country would hire Dr. Montague as Eleanor presents him. Russ Tamblyn as Luke is everywhere, but still credible, and provides momentary relief from the otherwise dull monotony of a generally dim treatment picture. Director-producer Robert Wise is definitely slipping if this is the last he has to offer as a follow-up to West Side Story, and should definitely not count on getting another. This is the kind of movie people should stay away from in droves. Don't fail to miss it.
movies...

"I'll Bidone," tragi-comedy of a swindler

By Gilberto Pena-Guillermo Fellini's "I'll Bidone" belongs to a class with the director's best films, exhibiting the humanity of feeling which is Fellini's chief vir-

tue. As "La Strada," "La Dolce Vita," and "8½," "I'll Bidone" is a film about the life of a swindler, Augusto Gennaro Di Florio. Augusto is a man who lives on the edge of society, a man who never quite fits in. He is a swindler, a con artist, a man who lives on the fringes of society, always on the run, always looking for the next big thing.

In "I'll Bidone," Fellini presents us with a character who is both可怜 and admirable. Augusto is a man who is able to see the world for what it is, a man who is able to see the beauty in the most mundane of things.

Fellini's direction is masterful, allowing the actors to bring their characters to life in a way that is both touching and humorous. The supporting actors, such as Marco Pierre, are equally impressive, bringing depth and complexity to their roles.

The script is also a highlight of the film, with Fellini's signature blend of humor and pathos. The film is a testament to Fellini's ability to create a world that is both familiar and otherworldly, a world that is both real and surreal.

"I'll Bidone" is a film that is both a celebration of the human spirit and a critique of the society that surrounds it. It is a film that is both light and dark, a film that is both funny and sad. It is a film that is both a celebration of life and a reminder of the fragility of existence.

In short, "I'll Bidone" is a film that is both a masterpiece and a mirror, a reflection of the world that we live in and a vision of the world that we could live in. It is a film that is both a work of art and a work of life, a film that is both a meditation and a celebration.

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Lecture Series

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Admission 60c

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COMMITTEE CALENDAR

Entertainment Series

"THE MUSIC MAN"

Saturday Evening, Sept. 28
6:00 and 9:00 P.M.

Kresge Auditorium

Admission 35c
Deadline nears for applicants for Fulbright overseas study grants

Only a few more weeks remain in which to apply for a 1964-65 government grant for graduate study or research abroad. Competition for the scholarships, available to qualified graduate students under the Fulbright-Hays Act, is administered by the Institute of International Education. In addition to full grants, which provide round-trip transportation to any one of 51 countries, tuition, and maintenance for one academic year, two other types of grant are available: Joint government grants offered cooperatively by the United States and a foreign government, and government grants for graduate study in Germany. A foreign government grant for graduate study in Germany is available to qualified graduate students under the Fulbright-Hays Act, is administered by the Institute of International Education. In addition to full grants, which provide round-trip transportation to any one of 51 countries, tuition, and maintenance for one academic year, two other types of grant are available: Joint government grants offered cooperatively by the United States and a foreign government, and government grants for graduate study in Germany.

Information on the Rhodes Scholarship may be obtained from Prof. W. G. Strang in room 3-279. Information on the other two may be obtained from R. A. Thresher in room 1-371.

There will be a meeting at 3:30 pm, Wednesday, October 2, in Kresge Little Theatre for all students interested in jobs, study, or travel abroad.

More flexible ROTC program proposed

A more flexible ROTC program for the nation's colleges and universities has been proposed by the U. S. Department of Defense, and a bill has been introduced into the House of Representatives permitting this year's sophomores to qualify for the program by completing the current 2-year basic ROTC course on an accelerated basis. The Department of Air Science intends to begin the new program in September, 1964. The scholarships will be open to the nation's colleges and universities that meet the standards of the program, which includes ROTC course work, academic courses, and practical experience in the field of aviation. The scholarships will be awarded to students who have completed at least two years of study at the college or university and have demonstrated academic excellence. The scholarships may be renewed for a total of four years of study at the college or university.

The bill would authorize scholarships up to $4000 a year for two years, plus $20 a month for one year thereafter. The scholarships may be renewed for a total of four years of study at the college or university.

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Experimental bus route in service; runs from MIT to North Station

Experimental Route #2, a new bus service between MIT and North Station, began June 24 as a joint venture of the Metropolitan Transit Authority and the Mass Transportation Commission. Operating on a six-month trial basis, buses run every ten minutes during the rush hours, and every fifteen minutes during the day, Monday through Friday. There is no service weekends or after 7 pm.

Coming to MIT from North Station, the eight-minute route includes stops at Kendall Square, along Main Street, and in front of Buildings 4, 41, and 44. Returning to the station, the buses make several stops along Main Street.

The bus service is being financed by the federal government through the Housing and Home Finance Agency as an experiment to gain further knowledge about passenger reactions to changes in transit service.

At the end of the six-month trial period, the MTA and the MTC will evaluate the experiment to see whether to continue the service. Of the nine groups spokes-
mens, only Dr. Joseph Maloney, head of the MTC, had any idea how the two groups would de-
tect this question. "Usually," he said, "it is pretty obvious what to do."

Some of the standards used by transit companies to decide whether to continue a service are: number of revenue passengers per day, gross revenue, percentage of expenses covered and profit or loss per passenger carried.

Since the MTA loses money on most of its lines, all the spokes-
mens agreed that the line would have to be self-financed. This is not sufficient to justify running the line without a subsidy from the government. None could cite what level of coverage would be adequate.
Graduate student group reports preliminary plans for proposed intradepartmental weather satellite

An engineering task force of 70 graduate students from seven departments reported May 21 on details of a complete preliminary design for the group has worked out for building, launching and operating an experimental weather satellite.

The student-designed satellite would follow the earth's equator in a circular orbit at an altitude of about 3,300 nautical miles and send back a continuous television picture, plus inferred data, of weather as it develops in a globe-girdling belt 4,000 miles wide and centered on the equator.

The satellite would all the ground now left by present and planned weather satellites which follow inclined orbits, the navigator will make numerous angle sightings between the earth landmarks.

The center astronaut will be the system will be at the equator. This launch at the equator to avoid the major course corrections necessary if the launch were to be from Cape Canaveral. Since no launching facilities on equatorial ground, the booster group designed a five-stage solid rocket plus a launching tube. The rocket and tube would be dropped over the site of the ship and fixed firmly on the ship at sea.

The satellite's huge diameter would provide protective distance between the radiative power source, cesium 137, and the electronics.

The students worked out preliminary designs for an inexpensive ($25,000 to $30,000) ground station that underdeveloped nations within in the zone covered might build and use to get satellite information for their own local forecasting purposes.

The students organized themselves as a project office with a project manager, a launching facilities design group, a data processing group, a satellite design group, and a management group to coordinate all the concurrent design efforts.

A faculty steering committee headed by visiting Professor (Dr.) James Bollay of the Department of Astronomy and Astronautics supervised the design.

During the course, 13 engineers from industry and government came to Cambridge to listen to before the class on specific aspects of the satellite system design problem, including Dr. Fred Singer, director of the I.A. Weather Bureau's National Weather Satellite Center, and the project engineers on such satellites as Transit, Tros and Telstar, the U.S. Air Force Systems Office.

The group flew the entire class to Cape Canaveral for a briefing on rocket launching systems at the Atlantic Missile Test Range.

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Cross country squad ready despite absence of Sigwart

By Gary Sawyer

Despite the loss of their captain, MIT's cross country squad looks forward to improving their last season's record of 6-6. "We are in the best shape yet at the beginning of the season," commented coach Arthur Farnham.

Chuck Sigwart '64, the squad's captain, will be kept out of school for at least the first term due to medical work on his hand. The squad will elect a new captain after their first meet on October 5. Sumner Brown '66 will probably be MIT's top runner this season, according to coach Farnham. "He was without a doubt one of the outstanding runners in the country last season." In fact, he ranked third in New England. Also among last year's leads was Morgan Butler, '65, Dick McMillin, '65, Bill Duvall, '65, and Mike Oliver '65 is out of commission due to a leg injury.

The opening meet of the season October 5 will be a triangular meet, the first of its kind for MIT. This is MIT's "Engineers' Meet," as MIT will compete with Northeastern, which is always strong in New England, and Northeastern, which is always strong in New England.

"The boys came back to school with lots of spirit," comments Farnham. The squad was holding two practices a day for over a week prior to the start of classes. "The way things look now, we've set up for a good season — barring injuries."

Dr. A. L. Samuel visiting professor

Dr. Arthur L. Samuel, pioneer in machine learning and artificial intelligence, has been appointed visiting professor of electrical engineering at MIT for the 1964-65 academic year.

Dr. Samuel is on leave as consultant to the IBM director of research and to the Thomas Watson Research Center in Yorktown, New York, to do research at MIT. He will be closely associated with the Institute's new project, MAC, a major national program on advanced computer systems. His work has become basic in the field of expert systems for making computers learn from their experiences. Dean Gordon S. Brown of the School of Engineering pointed out that his capability is of great economic importance. When fully developed, it will permit the solution of many science and engineering problems.

Dr. Samuel is a native of Emporia, Kansas. He received the A.B. degree in mathematics from the College of Emporia in 1922 and was awarded simultaneously the B.S. and M.S. degrees in electrical engineering from MIT in 1923. He received the Ph.D. degree in physics at Columbia University and did his postdoctoral research at the IBM research laboratory in Yorktown, New York, to teach and do research at the IBM research laboratory in Yorktown, New York.

Dr. Samuel joined the research staff of the Bell Telephone Laboratories in 1952, where he engaged in research on ultra-high frequency electronic tubes for 18 years. He holds over 250 patents — 200 of which are foreign.

Professor Emeritus dies at age of ninety

Professor Ermestiza Walter H. James, who retired from the Institute in 1958, died Sunday at the Moore Nursing Home in Newton, Mass. He was 90 years old.

A graduate of the Institute in 1924, he returned to MIT in 1930 as an Assistant in Mechanical Engineering and became an Associate professor in 1932.

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Closed Mondays
MIT's baseball team meets Boston University today in the first of four games to be played this fall between the two rivals. The game will mark the arrival of fall baseball season at the Greater Boston area.

Jack Barry, Tech baseball mentor, has been a prime mover in the organization of fall baseball on the Greater Boston College scene. Fall baseball is already a success in the Metropolitan area, and Barry feels that New England colleges could play baseball during the early autumn New England weather.

The short spring season has had the past left time for only 18 or 20 games, and Coach Barry opines that additional fall games would augment this schedule. All the fall games scheduled will be played at Briggs Field, MIT.

**Frosh Sports**

Two squads successful

By Charlie William

MIT's freshman athletic teams were able to muster winning records in only two fields of endeavor last Spring. The teams swept the New England college championships, and the men's team ended up a 6-5 record.

**Tennis**

The tennis team compiled a 6-5 record during the Spring season, winning four of their last six matches, including 8-1 and 9-0 doubles by Milton Academy and Dana Junior College. Paul Ruby and Richard Thurlow, the numbers one and two singles men respectively, were the mainstays of the squad.

**Track**

The cross-country, led by Jack Haynes and Hinton Brown, had a fine record of 4-4, but scored an impressive victory in the freshman medley relay at the Eastern New England College champion.

Golf

The golfers finished their season with a 3-4-1 record, losing two of their last three games to Amherst and Amherst. The highlights of the season were Brown's win over Governor Dammeron early in the Spring. The second victory was over Winchester School, and the tie was against New Prep.

**Sailing**

After winning their first match of the year, 8-2, over Cambridge School, the increment won on their way of state winning their eight contests. A 5-4 victory over Tufts earned the squad its 37 record. Recent standbys were Pete Kicke and Pete Greevy.

**Sailing**

Sailing was the most successful sport on the freshman program last Spring. The Techs captured the top spot among all New England colleges in this activity. Terry Croman was the individual who led his team to victory.

**Paradise Cafe wins 20, loses 1, snatches summer softball trophy**

By Marshall Weissberger

Paradise Cafe, with a ten-game, lost record, unseated Griselda House for the championship of the 19-year-old MIT Summer softball league by defeating Instrumentation Lab in the final game of the playoffs. Play started from mid-July to mid-August with all games taking place at Briggs Field on weekday evenings.

The league consisted of the following teams: Graduate House, House, Metalurgy, Economics, Instrumentation Lab, President's Cafe, Dennis Boys, Chemical Engineering, and Biochemistry.

All team played a fourteen game schedule, and the top four teams to play in the playoffs were: Paradise Cafe defeated Griselda House, 5-1, 3-2, 3-4; Economics, Instrumentation Lab, and Engineering were in the single-elimination playoff.

The playoffs results were a tie between Paradise Cafe and Economics, and Instrumentation Lab, defeating Dennis Boys, Chemical Engineering, and Biochemistry. Paradise Cafe then defeated the Instrumentation Lab for the title.

The curiosity was held in the round robin for three changes for Paradise Cafe defeated 12 times and to have a final over 12 Brits won eight and dropped one. Roger Travis a metallurgy staff member, who coordinated the league played first base for the new champs.

The league was open to all students, and the team was composed of eight men winning the Summer, and the teams were composed chiefly of staff members. A permanent trophy with the winning team's name inscribed upon it is on display in the Department Athletic Center.

Guest poetry readings on local radio station

By Michael Morrison

Boston University's network radio station is presenting MIT's 1962 guest poetry readings in a series entitled "Poetry from MIT" each Sunday at 7 pm throughout the month of October.

The series begins with Denise Levertov on October 6, continues with Theodore Weiss on October 13, and concludes with the readings of J. X. Kennedy on October 20.

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