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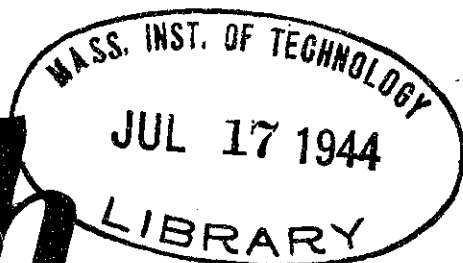
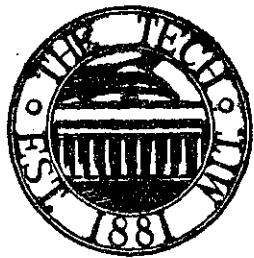
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The Tech



Vol LXIV, No. 22

CAMBRIDGE, MASS., FRIDAY, JULY 14, 1944

PRICE FIVE CENTS

2,274 Register For This Term

New Freshmen Class Has 478 Students

At the opening of the Institute's summer term on July 10, the registration figures showed a total of 2,244 students, including graduates and undergraduates. This is a decrease of approximately 450 students since last March's registration.

The regular student registration in the four undergraduate years, plus the 272 graduates totals 1,274. In addition, the undergraduate school has enrolled approximately 400 Navy V-12 students. There are also about 70 officers from various branches of the services studying special courses for varying periods. The entering class of freshmen is not an impressive figure against past registrations, but its 478 members is noteworthy under war conditions. All undergraduates are taking courses directly connected with the war, and all the graduates are either teaching or doing vital war research work part of their time.

Perrine To Speak at AIEE Meeting

Dr. James O. Perrine, editor of the Bell System Technical Journal and assistant vice-president of the American Telephone and Telegraph Company, will speak under the auspices of the Student Branch A.I.E.E., on Wednesday, July 19, in Room 10-250. His subject is "Modern Equipment and Circuits for the Transmission of Electric Waves." Among other things he will explain how it is possible to transmit simultaneously as many as 480 separate messages over a single transmission line. The talk will be demonstrated throughout with the actual equipment now in use.

Security reasons prevent this meeting from being open to persons outside Technology. Because of this, admission may be had only by tickets which will be available, at charge, after Monday, July 10, at the A.I.E.E. Branch Office, Room 10-206, at 4:00 P. M., in Electrical Engineering Headquarters, Room 10-202; or from any officers of the A.I.E.E. Branch.

William Wurster Is Appointed New Architecture Dean

Renowned Californian Succeeds MacCornack, Who Retired July 1

William W. Wurster, the distinguished California architect who has designed many notable buildings and large-scale housing projects, has been appointed Dean of the Institute's School of Architecture, it was announced by Dr. Karl T. Compton, President of the Institute. Mr. Wurster succeeds Dean Walter R. MacCornack who retired on July 1.

One of Mr. Wurster's notable projects is the United States Housing Authority slum clearance project, Valencia Gardens, in San Francisco, which he designed in association with Harry A. Thomsen, Jr. He also designed the Yerba Buena Club on Treasure Island for the 1939 exposition in San Francisco. Another example of his work is Stern Hall, a dormitory for women students at the University of California, which was designed in association with Corbett and MacMurray of New York. His Valencia Gardens project and the Shuckl and Company office building, an outstanding example of a business building for a country town, have been chosen by the Museum of Modern Art as examples of significant American buildings of the past ten years.

Traffic Engineering Conference Now Being Held At Technology

Post-war traffic problems on the streets and highways of the New England states is the theme of the Second New England Traffic Engineering Conference, which was opened yesterday at the Institute. The conference, sponsored jointly by Technology's Civil Engineering department and the Traffic Engineering Section of the Massachusetts Department of Public Works, will be concluded today.

Many nationally and regionally prominent transportation authorities are on the program for the two-day meeting of traffic and transportation engineers and public

Annual Field Day Set For Sat. August 26; Will Include 7 Events

The Tech Reduces Size For Summer

Will Resume Regular Size Next Fall

Breaking away from a long standing tradition, **The Tech** appears this week for the first time in its summer form. The reduced size of the publication is a temporary measure and will continue for the summer months only. The change is brought about by the decrease in student activity and the usual summer lag in volume of advertising and is in cooperation with the national program of reduced size use of newsprint.

This size of publication affords greater flexibility than a larger size, and while **The Tech** will appear as a four page paper most of the time it will be expanded to six or more pages when the quantity of news demands it. The same column and type size has been retained to insure the same readability.

Many college papers in the country have undergone similar changes or ceased publishing entirely, but with the decreased amount of work needed to put out a smaller sized issue **The Tech** will be able to maintain complete news coverage.

Frosh and Sophs To Have Rallies On Monday, Tues.

Preparations are being made for holding the annual "Field Day" on Saturday, August 26th, it was announced by S. James Goldstein, 2-46, Field Day Manager. This event, as usual, will climax a series of smaller riots in the dorms and fraternities and among other things, will determine the length of time the freshmen will have to wear their familiar red-and-gray ties.

This year's Field Day will consist of 7 events, the same number as last year's. These are: crew, tug-of-war, swimming, sailing, relays, softball, and the famous glove fight. Members of the team that wins each event will receive their class numerals and, as usual, it is expected that there will be a large turnout for these teams.

Both classes will hold rallies next week. The frosh rally will be held on Monday, July 17, at 5:00 P.M. in Room 10-250. The Sophomore rally will take place the next day, Tuesday, at the same time and place.

Tryouts for most Field Day teams will start this Monday, July 17. With the exception of
(Continued on Page 3)

First-Term Frosh Take Examination

In cooperation with the Society for the Promotion of Engineering Education, the Institute has suspended classes today for all first-term freshmen in order to give the freshmen an all-day comprehensive examination.

The test or a similar one is being given throughout the country at selected colleges. Each freshman section has been assigned a room to take the exam in and the students have been instructed to report promptly at 9:00 A. M.

Professor Wilbur Made Acting Head Of Civil Eng. Dept

Developed Structural Analysis Laboratory, Designed Calculator

The appointment of Professor John B. Wilbur as acting head of the Department of Civil and Sanitary Engineering of the Institute was announced recently by Dr. Karl T. Compton, President of the Institute. Professor Wilbur succeeds the late Theodore B. Parker who died in April.

Professor Wilbur was graduated from the Institute in 1926. He was awarded the degree of master of science in 1928 and his doctorate in 1933.

Professor Wilbur was responsible for the development of the structural analysis laboratory which was established at the Institute in 1936, and in 1934 he developed and built the simultaneous calculator, a computing machine which solves nine linear simultaneous equations.

Rabinowitz, Former Editor The Tech, Commissioned

Bernard Rabinowitz, former Editor of *The Tech*, was among those graduated with the rank of Second Lieutenant from the Chemical Warfare Service Officer Candidate School at Edgewood Arsenal, Maryland at the Graduation Exercises held last Saturday, July 8.

Rabinowitz was Editor of Volume LXIII of *The Tech* until he was called out of the Institute with the Advanced R.O.T.C. While serving with the paper he won the Gridiron Prize for an editorial entitled "Our Russian Allies." While a student at the Institute, Rabinowitz studied Chemical Engineering and was active in the professional societies of his chosen field.

G.Sloan Elected To Corporation

Mixer and Harvey Are Term Members

George A. Sloan, president of the Nutrition Foundation of New York, has been elected a special term member of the Corporation of the Massachusetts Institute of Technology, Dr. Karl T. Compton, president of the Institute, announced July 8. Dr. William J. Mixer, Boston surgeon, and Harold B. Harvey, president of the Harvey Metal Corporation of Chicago, have been elected alumni term members of the Corporation for five years.

Mr. Sloan, who will serve a special term membership for five years, is widely known in business and industrial circles. From 1922 to 1926 he was secretary of the Copper and Brass Research Association. In 1926 he became secretary of the Cotton-Textile Institute, and served as its president for six years beginning in 1929. He has been commissioner of commerce of New York City and chairman of the Mayor's Business Committee since 1940.

Dr. Mixer was graduated from M.I.T. in 1902 and from the Harvard Medical School in 1906. He has for many years been on the staff of Massachusetts General and other leading hospitals, and is chief of the Neurosurgical Service of the Massachusetts General Hospital, and was until 1943 a lecturer in surgery in the Harvard medical school. He was a member of the visiting committee of Technology's Department of Hygiene from 1936 to 1940.

Mr. Harvey, who was graduated from the Institute in a course of electrical engineering in 1905, is widely known in engineering circles. He has long been active in the affairs of the Institute and is president of the Technology Club of Chicago.

Bowling Alleys To Get Kingpins

The Bowling Alleys in the basement of Walker Memorial were opened last Monday. They had been closed for several months since four of them were ruined by a fire last term. These have now been reconstructed and the whole room has been fixed up with a new coat of paint, fluorescent lights and many other features that make it even more attractive than it was.

At present candlepins are being used on each of the six alleys. However kingpins will be installed as soon as they arrive. New risers and ball stops will have to be put on the new alleys that will be used for king pins, but this will only take a day or so. The pins are expected to arrive pretty soon as they have been in transit for a month.

New Yorkers and Middle Westerners should especially appreciate this new addition as there are not many sets of king pins around Boston. The candlepins are by far the more abundant.

Freshmen Help Fill Up Dorms

Except for a very few vacancies, the dormitories have been completely occupied by freshmen as well as upperclassmen who moved in after the dorms were reopened to civilians last term, Professor Leicester F. Hamilton, chairman of the dormitory board announced yesterday. That means that there are now approximately 450 students residing in the dormitories.

Professor Hamilton also said that the Senior House is being redecorated and will soon be available again, at least in parts.

Preparations are being made to reorganize the Dormitory Committee, which was dissolved when the army students came in last year, although Senior Class President John L. Hull remained acting chairman.

The First Church of Christ, Scientist

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Magoun To Talk Before A. S. M. E.

Human Relations Is Subject Of Lecture

Professor F. Alexander Magoun is to give his first public lecture on the technique of handling people under the auspices of the A. S. M. E. The title of his talk is to be "Men, Mules, and Molecules," and it will be held at 5:00 P.M. on Wednesday, July 19 in Huntington Hall.

Professor Magoun has been giving these lectures for ten years in his 76 course, but he has never allowed any visitors. As a result the A. S. M. E. thinks that the whole student body should have a chance to share the experience, for they could not only know how to operate machinery but also understand how to understand people. It was shown in the 1930 A. S. M. E. survey that by the age of thirty-five, fifty per cent of its members were in executive positions.

Play Featured

The feature of the afternoon will be an actual demonstration in the form of a play of a problem in disciplining. Nothing is to be reversed, and the employee to be disciplined has been hired from the outside. The problem will deal with a situation relating to work that really does.

For Boys To Play

(Continued from Page 2)

commended; expensive, but good. Downtown there is the Ritz Roof, strictly sophisticated, with good food and a good dance band. Also the Oval Room of the Copley and of course Merry-go-round Bar, for those who like to drink in an unusual setting. The Terrace Room of the Statler is currently featuring Leo Reisman and an excellent floor show highlighted by juggler Anita Martell.

... Boston's and for that matter, New England's top-ranking radio show, according to Crossley ratings is the Army First Service Command's "Everything for the Girls," currently being aired on Boston's Blue Network Station, WHDH, from 1:00 to 1:30 P. M. Saturdays. The program consists of the finest musical entertainment available in New England, to say nothing of a wide variety of guest stars, not only from the states but from other parts of the world as well.

... tomorrow, "Everything for the Girls" presents Baron Hugo's Orchestra, now billed at the Totem Pole, England's unique Anita Martell, just returned from a tour in Australia, and lovely Bernice Parks. Writer-Director-Producer of the show is the man who made Mutual's Henry Morgan famous, Ed Newman, former radio writer and performer from WAAT, WBYN, and WNEW.

... two weeks from tomorrow, the program moves to New England Mutual Hall on WBZ, N. B. C. in Boston. The show's new opening will be attended by Mayor Tobin and Major General Sherman Miles, Commanding General of the First Service Command. Featured will be a galaxy of headliners in the entertainment world, including Ralph Wingert's 25 piece Grenier Field Band and another name band.

Free tickets for the opening broadcast will be available at the offices of **The Tech** or at the sales desk in Building 10 next week. The broadcast promises to be one of the best entertainment events to hit Boston in some time.

Institute Receives Service Award

Presented At Cadet Graduation On June 5

President Compton was presented with a Certificate of Service Award by the Army Air Forces Training Command, "in recognition of the meritorious service rendered the Army Air Forces Training Command during World War II," at the graduation exercises held on June 5, for 237 cadets of the Army Air Forces who had completed an intensive course in meteorology. The certificate is now on display in the Building 7 Lobby.

The presentation was made by Major Joseph F. Ratliff, Sr., commanding officer of the base unit at the Institute, on behalf of Lieutenant General Barton K. Yount, commanding general of the A. A. F. T. C.

Dinner Planned For New Class

An acquaintance dinner for the new freshman class is being planned by the T.C.A. Freshman Cabinet of the March class. It will be held at 6:30 P. M. on Friday, July 21, in Morss Hall. Special tables will be set aside for the occasion.

The purpose of this dinner is to acquaint the members of the new class with their instructors, who will also attend. Invitations will be mailed in a few days.

Officers of last term's Freshman Cabinet have complete charge of all arrangements. They are: Maurice F. Dunne, president; Robert N. Creek, vice-president; Frank A. Jones, secretary; and Howard E. Hartman, treasurer. All are from the class of 10-46.

Outing Club Plans For Term

To Hold Square Dance Tomorrow Evening

The Outing Club will continue to function just as actively this summer as it has all year. There will be various activities on weekends as in the past; these will start off with a square dance tomorrow at Harvard's Memorial Hall. Instruction will be given to all beginners who come. The dance starts at 8:00 P.M. Tickets at \$.40, may be obtained at the Outing Club office or at the door.

Sunday an I.O.C.A. Circus, which is really five trips in one, has been planned at the Blue Hills. There will be two hiking groups, a horse-back riding group, a rock climbing group, and a bicycling group. All of these will meet at night for supper and singing.

The following Sunday, July 23, the outing clubbers will go to Crane's Beach in Ipswich. Since the beach is five miles from the station, bicycles will be checked on the train except for a few who will bike out all the way. Everyone will bring lunch, a canteen and a bathing suit. On later weekends there will be trips to the Concord River, the Lynn Woods, and the Rattlesnake Cliffs.

Tech Tennis Tournament; Entries May Sign Up Now

Coach Jack Summers has announced that there will be a tennis tournament for the M.I.T. championship in the near future. All those interested in participating may sign-up on the board in the lobby of Building 10.

This tennis tournament is held each year in the Spring and early Summer. The Walker Memorial courts will be in excellent condition for these matches. This is a good chance for all Tech men to compete in a school athletic activity and show what they can do. The tournament has been most successful in previous years and has discovered some excellent players.

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Raymond Stevens Elected President Of Alumni Assoc.

Glassett Is Vice-Pres.; Mitsch, Donovan Now On Executive Committee

Raymond Stevens, vice-president of Arthur D. Little, Inc., Cambridge, has been elected president of the Technology Alumni Association, and Alfred T. Glassett, vice-president of the W. J. Barney Corporation, New York, has been elected vice-president of the association.

Mr. Stevens, a graduate of the Institute in 1917, is permanent secretary of his class, has long been active in alumni and Institute affairs, and was vice-president of the Alumni Association from 1938 to 1940. He is also chairman of the Friends of the Library of M.I.T., and has been a member of the Alumni Council since 1924.

Mr. Glassett is an honorary secretary of the Institute and a former president of the Technology Club of New York, in which he has been active for many years on behalf of the Institute and its alumni.

Elected members of the executive committee were Professor John D. Mitsch of Milton and James Donovan of Cambridge.

Mr. Donovan, who was graduated from Technology in 1928, is treasurer of the Artisan Metal Products, Inc., of Boston.

Professor Wiener To Talk On Japan

A discussion on Japan, led by Professor Norbert Wiener, will be held in the William Emerson Room, Room 7-403, on Thursday, July 20, at 7:30 P.M. Refreshments will be served. This discussion is being sponsored by the East and West club.

413 Students At Fresh Camp Held July 7-8

President Compton, Members of Staff Address New Class

Four hundred and thirteen freshmen took part in the Freshman Camp activities held at the Institute on July 7 and 8. Three hundred and fifty-eight civilians and fifty-five new V-12 students attended the T.C.A. sponsored camp.

Following registration at Walker Memorial, and dinner in Morss Hall, the freshmen were assembled in Huntington Hall, where they were welcomed by Reginald B. Stoops, 6-45, chairman of the camp, who then introduced vice-president James R. Killian. Mr. Killian formally welcomed the new-comers to the Institute.

Other speeches followed by Professors B. Alden Thresher, Charles E. Locke, Douglas P. Adams; Technology motion pictures were shown and explained by Professor Paul M. Chalmers. Orville B. "Obie" Denison, '11, was a familiar figure with his songs and humor. Franklin G. Field, soloist, made his first appearance at the Institute during the two-day program.

After talks by Reverend Carl Heath Kopf, Dr. Benjamin E. Sibley and Professor F. Alexander Magoun, Coach Oscar Hedlund acquainted the freshmen with the activities of Field Day, which will take place on August 26.

Assembly in Great Court

At an assembly in Great Court on Saturday afternoon with Dean Harold E. Lobdell presiding, President Karl T. Compton, the various members of the staff, and class officers were presented.

Positions Available On The Tech For Freshmen, Upper Classmen

Many positions are now available in all departments of **The Tech**, which despite wartime difficulties, is carrying on for its sixty-fourth consecutive year of publication. No experience is needed, for **The Tech** will train all candidates in the elements of their chosen fields. Any interested freshman or upperclassman should come to **The Tech's** newsroom, in the basement of Walker Memorial, on Wednesday or Thursday afternoon.

There are openings in the news, business, circulation, advertising, photography, and engraving departments. Opportunities for advancement are particularly good because of the decreased enrollment at the Institute. Men are most needed in the business and engraving departments. The latter offers unusual opportunities, for **The Tech** is one of the few college newspapers

which maintains its own fully equipped engraving room.

Activities Desirable

Many leaders in industry and education have stressed the importance of activities in a college education. **The Tech**, besides serving as an enjoyable outlet for excitement and energy, also offers worthwhile training, for there has been and there will probably continue to be a pronounced demand for technically trained men with writing ability. Valuable experience can be gained and many worthwhile contacts may be made in the business, circulation, and advertising departments.

The Tech will hold a smoker at a time to be announced in the near future to explain the workings of the paper to all interested persons but better positions will be obtained by students who report before the smoker for individual instruction.

The traditional Freshman-Counselor three inning softball game was won by the Counselors by a score of 5-0. President Compton pitched for the freshmen, with Bur-sar Delbert L. Rhind as catcher.

The track results were:

Obstacle Race; J. Prigoff and K. Conger tied for first and E. Sundback, second.

Twelve Pound Shot Put: R. Davidson, first; Howlett, second.

440-Yard Dash: L. Robertson, first; and H. Ingraham, second.

100-Yard Dash: H. Juckett, first; and D. Turner, second.

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