

# THE TECH

VOL. XXXIV. No. 105.

BOSTON, MASS., FRIDAY, MARCH 26, 1915.

PRICE THREE CENTS

## HOCKEY LETTERS ARE AWARDED BY COUNCIL

Report Of Wrestling Season Is Made By Manager Of The Team.

At a meeting of the Advisory Council on athletics held last Wednesday evening at the Technology Club, a thorough discussion of the basketball situation was held. It was expressed as the sentiment of those present that the M. I. T. A. A. should pay the guarantees of \$30 due the New Hampshire State, and \$26 due the Connecticut Agricultural College, incurred by the forfeiture of the games. The following men were awarded the right to wear "HTT": C. Cochrane '17, R. Coward '18, R. L. Fletcher '15, P. Gould '18, A. Johnson '18, H. Y. Keebler '17, K. B. Toye '17, G. Tuttle '18, C. D. Winton '18, J. P. Woodward '18. On the recommendation of the M. I. T. A. A., R. L. Fletcher was awarded a "T" for his four years' service on the hockey team, and his work as captain in his senior year.

Manager H. G. Morse made a report on the wrestling season, of which the following in an abstract:

The team entered three college meets, won one, and lost two, and four Y. M. C. A. meets, winning every one. Of the thirty-two bouts won by Tech, thirteen were falls, and nineteen on decision. Of the fifteen

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## ARCHITECTS SMOKER

Boston And Harvard Men Are Guests Of Local Society.

At the smoker held by the Architectural Society in 42 Pierce last night, Professor H. W. Gardner of the Institute and Mr. W. T. Aldrich of the Boston Society of Architects criticized the drawings done in the recent prize problem which was taken simultaneously by Technology, Harvard and the Boston Architectural Club.

In this annual competition the Boston Society of Architects grants four prizes, of fifty dollars each, one for the best design from Harvard, one for the best design from the Architectural Club, and one to each special and regular student at the Institute handling in the best solution of the problem. This year E. P. Norberg won as the regular student candidate at M. I. T. and L. T. Bengston as the special.

## TRACK MEN

Coach Kanaly wishes the names of all the men who intend to take track work during the coming season, with the days on which they expect to practice. This information should be in not later than next Monday.

## TECHNOLOGY "BIBLE" IS TO BE RENEWED

T. C. A. Is To Publish Student's Handbook To Be Given Out Next Term.

At the beginning of school last September, all the upperclass men noticed and wondered over the absence of the Technology "Bible" or student's handbook which they had been accustomed to receiving from the T. C. A. Its absence was due to the fact that the B. Y. M. C. A. and the T. C. A. did not co-operate in time to get the book out. In past years, the former institution has published the books and the T. C. A. has only collected a few advertisements to help pay for it. If everything goes well, Technology will have its handbook the same as other colleges and the T. C. A. is to do the work unassisted. A book bound in leather of the school colors of the ordinary size containing about one hundred and fifty pages is to be issued to the students and faculty free of charge. The book will consist of a diary with the principal dates of the institute term marked, the officers of every organization, club and society, all the athletic records, the point system, an alphabetical list of instructors, Tech songs and yells, qualifications for Institute insignia or class numerals, addresses of the fraternities, hour schedules for each term, a map of Boston, a list of the churches, thea-

(Continued on Page Two)

## REFRIGERATION

Mr. F. L. Fairbanks Speaks To M. E. Society.

Mr. F. L. Fairbanks of the Quincy Cold Storage and Warehouse Company addressed the Mechanical Engineering Society Wednesday afternoon on the subject of refrigeration machine design. The speaker recently designed and constructed the world's largest single-unit ammonia compressor which has a daily capacity of twenty million gallons of refrigeration brine. With the aid of lantern slides showing the plans of the machine, Mr. Fairbanks discussed some of the principles of design whose accurate application insure the success of any machine.

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## FRESHMAN BASEBALL

A good sized squad of candidates for the 1918 Baseball team practiced yesterday afternoon on the Columbus Avenue playgrounds. Practice will be held today at the same place at 4.15 and Saturday in Cambridge on the grounds near the Cottage Farm Bridge at 2.00. Elections for captain will take place Monday at 1.30 in the Union.

## INTERCLASS RUN WILL BE HELD TOMORROW

To Be Run Over N. E. I. C. A. A. Five Mile Course At Franklin Field.

The annual inter-class cross country run between the freshmen and Sophomores will be held tomorrow afternoon at Franklin Field. The run will start at three o'clock and will be over the New England Inter-collegiate course, covering about five miles and will be the first time that it has been run off on any course other than the Tech course. The first five men coming in for each team will count. There will in reality be two races run off at the same time inasmuch as one score will be taken by courses and the other by classes. Some of the upperclassmen will probably run with the men to set the pace. The following men are expected to give a good account of themselves: Sophomores, Allan, Brock, Parker, Dodge, Litchfield, Mason, Richmond and Harrington, and the following men will be among those to represent the freshmen class, Strang, Mumford, Bond, Campbell, Zubiria, McVickar, Clogher, McCarty, Greeley and Bollotine.

## TECH SHOW POSTER

Placed On Sale At Cage This Morning.

The new Tech Show poster, "Getting A-Cross" is now printed, and it will be placed on sale at the "Cage" this morning. The poster was selected from a number submitted in a competition held soon after the name of the Show was given out, and it is the work of O. R. Freeman '15. Copies will be sold at twenty-five cents each.

Post cards have been made up with the design of a poster submitted in the same competition by V. Hafner, a special student in architecture. These are to be mailed to the students of many of the schools in and around Boston.

## REV. MAGUIRE SPEAKS

Yesterday at the T. C. A. talk, Reverend G. R. Maguire addressed the students very convincingly on the subject of creating, telling many interesting stories of his experiences among his travels in the heart of Africa with the savages. He converted a witch doctor whose business it was to cut out the hearts of his fellowmen who were suspected of crime. The same man is now one of the most influential native missionaries working in Africa. Reverend Maguire ended his talk with a short prayer.

## INSTITUTE COMMITTEE TO SUPPORT MONTHLY

Magazine On Sound Basis—Niemand Zu Hause Proves Profitable.

At the meeting of the Institute Committee yesterday afternoon, it was decided to allow the Technology Monthly to continue publication, after the magazine had shown conclusively that it was well established financially and well supplied with material. The Committee acting individually will lend its hearty support to the Monthly.

Reports were heard from the Finance and Budget Committees, and Smithey and MacRae were appointed a committee to investigate the basketball situation. The Point System Committee recommended that H. H. White and A. H. Waitt be required to reduce the number of profits they are carrying.

The Committee on Niemand Zu Hause reported informally an approximate net gain of five hundred dollars. The matter of a blanket tax for athletics was considered, and it was suggested that a ballot be taken to find the sentiments of the student body.

Elections to the next volume of The Tech and appointments of assistants in the Show were ratified, and A. F. Halberstadt was appointed to the Point System Committee, in place of K. Dean, resigned.

It was moved and passed that a committee be appointed to consider a general convocation to be held before Junior Week.

## TECH SHOW REHEARSAL

First Act To Be Played At Opera House Tomorrow.

Tomorrow afternoon the first rehearsal of the entire Tech Show cast in the Opera House will take place. Owing to the efforts of Coach Hume, the entire first act is now in shape for a complete rehearsal, and it will be finished off tomorrow, after which the second act will be taken up.

A preliminary rehearsal of the cast, chorus and orchestra was held in the Union on Wednesday afternoon, and there will be a similar one today. These are for the purpose of giving practice in the music, so that all delay at the Opera House may be avoided.

## CALENDAR

Friday, March 26, 1915.

1.30—Soccer Team Meeting, Union.

Saturday, March 27, 1915.

1917-1918 Cross Country Run, Franklin Field.

# THE TECH

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FRIDAY, MARCH 26, 1915

## IN CHARGE OF THIS ISSUE.

Editor: W. F. Johnson, '17.  
Assistants: F. A. Stebbins, '17; M. A. L. Fales, '18; B. A. Thresher, '18.

The attitude of doubt on the part of the Institute Committee regarding the advisability of continuing to sanction the publication of the Technology Monthly disappeared in yesterday's meeting when a strong stamp of approval was evidenced by the practically unanimous vote. The step taken by the Committee was the result of a careful investigation and it is therefore logical to assume that this action reflects the sentiment of the average student. The investigation itself has had the good effect of spurring the men on the Monthly staff to greater activity and, in addition, of stirring the student body to a more lively interest in Technology undergraduate publications.

## T. C. A. BIBLE

(Continued from Page One)

tres and other points of interest, and a catalogue of the approved lodging houses. It is the aim of the T. C. A. to make this book absolutely indispensable to every student. To do this they must have men to accomplish the work. A meeting of candidates for both the editorial and business boards is called for Monday at 1.30 in the T. C. A. office.

## ADVISORY COUNCIL

(Continued from Page One)

lost, three were by falls, and twelve on decision. Meets with Penn State, Andover, Harvard Independents, and B. Y. M. C. U. were cancelled on account of the skin disease. Communication was opened with twenty-two colleges, and twenty clubs. It is very probable that meets can be secured for next season with Tufts, Columbia, Army, Penn State, Cornell, Lehigh, Lafayette, Princeton and Pennsylvania if the management wishes them.

The individual records of some of the men are: Loo entered six meets, winning six, one of these by fall. Giles entered seven meets, won four of these by fall, lost three by decision. Hoffman entered six meets, winning five, three of these by fall, and lost one on decision. Wood entered six meets, won four, one of these by fall, lost one by fall, and one on decision. Crowell entered five meets, won three, one of these by fall, lost two on decision. Stebbins entered four, winning four, one of these by a fall. Goodell entered four, won two, one of these by a fall, lost two on decision. Blodgett entered two meets, won two, one of these by a fall. Bond entered two, lost two on decision. Mertz, Bone, Turner, Clark and Rounds each entered one meet. Mertz and Bone each won on decisions. Turner and Clark lost on falls, and Rounds lost on decision.

Out of the fourteen men who wrestled for the team, only seven worked in more than two bouts. The remaining seven competed only nine of the total of forty-seven bouts entered by the team.

By wrestling in two-thirds or more of the meets entered by the team, Loo, Giles, Hoffman, Wood, Crowell, Stebbins and Goodell are eligible to be considered for the "wTt," for which Manager Morse is also eligible. A consideration of these candidates together with the question as to whether their record entitles them to a "T," which may be given by a special award, will be discussed at the next meeting of the Athletic Association and the Advisory Council.

## SWIMMING TEAM

At a meeting of the M. I. T. Swimming Team, Wednesday, W. C. Foster, '18, was elected captain and G. S. Foster, '18, was chosen manager for the coming year. It was decided to select the assistant manager by means of a competition next fall.

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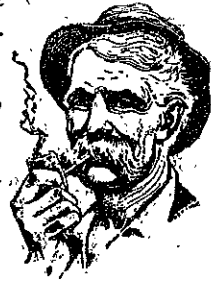
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**REFRIGERATION**  
(Continued from Page One)

Mr. Fairbanks has introduced some radical ideas in designing his machinery that have been generally denounced by the engineering world, but which have proved most satisfactory in practice. One device of his which has saved a lot of money is the cutting of a groove about the circumference of the crank pin in the middle of the crank. When the crank breaks it will fracture along this groove, and will still be supported by the connecting rod bearing. Once when doing some rush work, which would have meant the loss of thousands of dollars if the machinery had stopped, they ran for a short while with all the crank pins broken, and were able to fulfil the contract.

Another interesting device of Mr. Fairbanks's is that of cutting screw threads on the inside of the cylinder walls of his engine. On the piston is cut a thread of a greater pitch so that it will not engage with the cylinder. This retains the oil on the cylinder walls and gives most satisfactory lubrication.

The workmanship that Mr. Fairbanks puts into his machinery is of the highest order. Pistons are designed to fit the cylinder exactly so that they will bear along a surface and not along a line. Cross heads are designed so that they may be made to fit their guides with two thousandths of an inch for an oil film.

**TECHNIQUE SIGN-UPS**

Five Hundred Books Taken—  
Board Still At Work.

Technique sign-ups now have passed the half-thousand mark. The members of the board have been visiting the different drawing rooms and laboratories, so that nearly everyone has had at least one chance to sign for the book. The freshmen have not been very responsive, a good many of them saying that they do not know what the book is about, or how it concerns them.

This year's Technique, like those of previous years, is not only an annual of the Junior Class, but of the whole Institute. It contains pictures of the officers of each class, pictures and description of the events of Field Day, and matter connected with all the principal activities, in which men of all classes are working. The Grind Section, as usual, looks on the humorous side of the life of all the classes. In this way the whole of the student body is represented in the book.

The board is still at work, trying to see all the men who wish to sign, but who did not have the money when first approached.

**T. C. A. NOMINATIONS**

The following nominations have been made of the T. C. A. officers for the following year and the election will close April first: President, Wm. T. Kniezner, H. E. Schabacker; Vice-President, W. J. Beadle, E. L. Clark; Treasurer, F. B. Hastie, E. F. Hewins. Ballots may be obtained at the T. C. A. office from ten to five o'clock and also at the Cage.



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**MENORAH SOCIETY**

A business meeting of the Menorah Society was held last Tuesday at which time the following officers were elected: President, L. T. Dana; Vice-President, S. Siegel; Secretary, H. T. Goldsmith; Treasurer, H. L. Lavine; Executive Committee, B. M. Bond, J. L. Finkelstein and N. Krasnoff.

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**SOPHOMORE BASEBALL**

All candidates for the Sophomore baseball team are to meet at the New Tech Field tomorrow afternoon at two o'clock. From there, the team will go to the field where practice will be held.

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