

## UNIQUE TECHNICAL CREATIONS TO BE SHOWN VISITORS

Frozen Mercury Hammer Will Be on Exhibition For Open House Day

### IS SPECTACULAR FEATURE

All Institute Departments And Student Activities Plan Displays

Intricacies of Technology life from a sham battle staged by the Military Science Department on the parade ground to an intimate display of work among the student activities in Walker Memorial will be shown to the public at large Saturday when the doors of the Institute will be thrown open from 2 until 10 o'clock for the 5th Annual Open House event.

Those who still have difficulty in perceiving the rotation of the earth will be shown a proof of this phenomena by means of a huge pendulum suspended from the dome of the Institute. And although most people are accustomed to see nails driven by a hammer made of iron the Institute will show that the same results may be accomplished by means of a hammer composed of frozen mercury.

#### Technology At Work

Every one of the departments will display a sample of the daily work performed by its students, these exhibitions ranging from the solving of mathematical puzzles by the students of Course IX-C to the actual testing of airplane models in the Wind Tunnel by those taking Aeronautical Engineering.

Arrangements have been made for the repetition of the display of the Steam, Hydraulic and Machine Tool Laboratories which were so popular with the visiting public last year that the guides were unable to keep the crowd moving at all when passing through. Another display expected to interest a large number of visitors will be the exhibition of the latest Diesel marine engine beside a Wasp airplane engine similar to the engine used by Acosta and Chamberlain in their recent record-breaking endurance flight.

#### Special Features

A resume of a few of the special features scheduled for 2 o'clock and where they will take place includes a full demonstration of how radio messages are sent into the ether from Technology's amateur station IXM, located on the second floor of Building 35, a stroboscope experiment in room 10-275, a special weaving demonstration of M. I. T. book marks in room 2-315 and a boxing match in Walker Gymnasium.

Walker Memorial will be open throughout the entire Open House period and visitors will be shown exactly how each of the student activities are conducted. THE TECH will have a special Open House issue for free distribution. *Tech Engineering News* will have an exhibition of engineering models, and *Technique* will have a complete display of the process involved in assembling the Institute year book.

In the evening President Samuel W. Stratton will receive guests in the Main Lobby from 8 to 9 o'clock. Events scheduled for the evening are a fencing match in Walker Memorial and a Chemical War Service Demonstration together with a Sham Battle on the parade ground that is expected to outdistance all former exhibitions in color and action.

### Senior Week Program Includes Five Events

Booklet .....	\$1.00
Banquet .....	2.75
Picnic .....	3.00
Tea Dance .....	2.50
Pops Concert .....	1.50
Prom .....	11.00
<b>Total .....</b>	<b>\$21.75</b>
Blanket Ticket .....	\$17.00
<b>Saving .....</b>	<b>\$4.75</b>

## ROGERS IS SCENE OF PURGATORY GALLOP

"It sure does look like Hell!" will be the opinion of all entering the dance hall and cause enough for it there will be, for the Purgatory Gallop of the Architectural Society will be going full blast this Friday evening in the Commons Room at Rogers.

Lost souls wandering about the hall looking for salvation—or perhaps the missing partner—Mephistophelian souls casting devilishly roguish eyes about; characters from Milton and Dante going the devil's own way; all will dance to the tune of the Kenmore Hotel Orchestra.

Special features have been prepared for the dance that night and the architects have been very busy preparing costumes and decorations for the occasion. Open to all members of the student body, the dance will last from 9 until 2. For members of the Society the tickets will be \$2.00; for non-members \$2.50.

## ASHE TELLS HOW TO RESUSCITATE

Everyone Should Know Prone Pressure Method, Says Welfare Expert

"Everyone should know something of the methods of resuscitation," declared Sydney W. Ashe, Superintendent of Public Welfare for the General Electric Company at Pittsfield, in a talk on this subject Friday afternoon in room 10-250.

The prone pressure method of resuscitation, said Mr. Ashe, acts by the application of pressure by the hands on the floating ribs of the patient, the operator applying and releasing the pressure at about the normal rate of breathing. By this method, a person can be made to breathe more deeply than the average person breathes while conscious.

Mr. Ashe described his experiences with the General Electric Company in reviving persons unconscious from gas poisoning, electric shock, strangulation and drowning. "The most vital thing is to start resuscitation immediately," he said. The talk was illustrated by slides showing the steps in the method of resuscitation, and by means of the lungs of a cat connected to a bell-jar with a rubber diaphragm he demonstrated the way in which the human lungs and diaphragm perform the act of breathing.

## BUSINESS MEN WILL BANQUET FOREIGNERS

Plan To Show Foreign Students American Business Ideals

As a means of fostering closer cooperation between Senior and Graduate students from foreign countries who are now studying at the Institute or at Harvard, The Kendall Square Manufacturers Association has arranged a dinner for Friday evening, at which time the Association will tell these men of the methods and ideals of American industry.

This dinner will be held at the headquarters of the Association in the Kendall Square Building, and according to an official statement, the function will be dedicated to the continuance of mutual friendship between American industry and the many countries represented among the students who have been invited.

It is expected that President Stratton of the Institute and President Lowell of Harvard will speak, as well as Mr. A. F. Murray, President of the Association. If the dinner this year proves to be a success it is planned to repeat it annually. The men representing the Institute on the committee in charge are Gilbert H. Hathaway, Unc. and Wallace M. Ross of the T. C. A.

## ELECTRICALS ELECT 1927-28 OFFICERS

The Technology branch of the American Institute of Electrical Engineers has elected William M. Hall '28 as Chairman and William H. Phillips '28 as Vice-Chairman of the Society for the year 1927-1928. The members of the Society did their voting by mail.

## SENIOR PROGRAM FOR FESTIVE WEEK IS NOW COMPLETE

Class of 1927 Will Hold Its Prom in Ballroom of Copley Plaza

### TO PRINT SCANDAL PAPER

Bishop Slattery Will Address Graduating Class At Baccalaureate

Although the exact times of the events have not yet been announced the general program for Senior Week has been definitely decided. The picnic at Pemberton on Thursday, June 2, is scheduled to open the grand jamboree.

This will be followed on Friday evening, June 3, by the Pops Concert at Symphony Hall, while the Senior Banquet will be held Saturday. On Sunday the Baccalaureate Service, at which Bishop Charles S. Slattery is to deliver the principle address, will be at the Trinity Church.

Monday morning the Class Day exercises will take place in Walker Memorial followed in the afternoon by a Tea Dance, the music for which will be furnished by the "Tunesters." Du Pont Court is the scene of the commencement exercises on June 7. That evening the graduated class will make merry at their Prom at the Copley Plaza.

Donald H. Spitzli '27 has been chosen head of the Booklet Committee which will attend to publishing the Senior Week Booklet. David R. Knox '27 and Thomas A. Knowles '27 have charge of the *Senior Rumor* which will appear incognito this year under an assumed name. The first issue of this publication, which is having some difficulty getting by the censors, will be distributed to the Seniors Thursday. There will be three issues of this paper, the dates of the other two not yet being known.

Signups for the Blanket Tickets will be put on sale in the main lobby Monday, Tuesday and Wednesday of next week. There are three forms of tickets which may be bought; a blanket

(Continued on Page 4)

## Student Chemists Hear Addresses by Two Noted Experts

Talks on Lacquers and Visit to Gas Works Feature Annual Event

Nitrocellulose lacquers, their properties, manufacture and use was the subject of talks by Dr. Lester A. Pratt and Mr. J. Boisseau Wiesel at the annual joint meeting of the affiliated student chemical societies and the North-Eastern section of the American Chemical Society held at the Institute Saturday evening.

The first speaker, Mr. Wiesel, who has been with the nitrocellulose industry for ten years, discussed "Nitrocellulose—Its Properties and Use in Lacquers." Numerous slides were shown depicting the stages in the manufacture of nitrocellulose from cotton fiber, and an experiment was performed to demonstrate the inflammable but non-explosive character of nitrocellulose.

Dr. Pratt has carried out important research in the field of lacquers, and is now engaged in the manufacture of these products. His address on "The Manufacture and Use of Lacquers" was illustrated by lantern slides and a reel of movies showing the more important properties and uses of pyroxylin lacquers. In addition, the Spray Engineering Company of Boston demonstrated their method of application of lacquers by means of a spray gun operated in a special booth.

This meeting was preceded by a dinner in Walker at 6:30 o'clock. In the afternoon a group of about 75 men took the scheduled inspection trip through the Cambridge Gas Works, where guides illustrated and explained the various processes in the manufacture of coal and water gas.

## Elections Of Class Officers Come Soon

Announcement has been made by the Chairman of the Elections Committee, Robert G. Kales '28, that the annual spring elections for the selection of class officers for the coming school year will be held on May 4. Besides choosing the regular officers for the three lower classes, there will also be an election for the permanent President and Secretary-Treasurer of the Senior Class.

At the same time an undergraduate vote will be taken on the referendum concerning the Chairman of the Walker Memorial Committee and his ex-officio seat on the Executive Committee of the Institute Committee. Nominations must be turned in at the Information Office between 9 o'clock Wednesday morning and 1 o'clock Thursday noon.

Nomination blanks must contain the signatures of at least ten sponsors and be submitted in the following form:—

We, the undersigned members of the Class of \_\_\_\_\_ do hereby nominate \_\_\_\_\_ for \_\_\_\_\_ of our Class, (Sponsors signatures) I hereby accept the nomination. (Signature of nominee) \_\_\_\_\_

## AVIATION NUMBER OUT TOMORROW

May Issue of T. E. N. Deals With New Developments In Aeronautics

Coming out tomorrow instead of today as was previously announced the Aviation Number of the *Tech Engineering News* contains not only a very thorough treatment of all the latest developments and achievements in aeronautics, but also has several articles which are of a more general interest.

"Airplane Engines," by Prof. C. F. Taylor and "Research in Flight and in Variable Density Wind Tunnels" by John W. Crowley '20 and George J. Higgins are two of the articles which should be of much value to the technical aeronautical student. "Steel Tube Versus Wood Construction," by Charles J. McCarthy '16 is a scientific discussion of the relative advantages of the two types of airplane construction, a subject which is attracting much interest.

### Tells How Pyramids Were Built

"Engineering Features in Building the Pyramids" by Carl Sanborn of the Boston Museum of Natural History contains some hitherto unpublished photographs of the pyramids showing details of construction. According to Mr. Sanborn the pyramids were not built entirely by slave power as has often been supposed. He tells how long ropes were tied to the huge blocks of stone, after which these ropes were wet. As the ropes dried they would shrink, thus hauling the stones along a few feet. This process was then repeated until the enormous blocks were in place.

"Technology in Aviation" by Prof. Chatfield '14 of the Aeronautical Engineering Department, deals with relationship between Technology and the aeronautical world. In his article he tells of the influence the Institute has had on the science and emphasizes the fact that the aeronautical research work carried on here is of first importance to the industry.

## OTHER CLASSES MAY ATTEND 1930 DANCE

Quite a large number of the upperclassmen at Technology seem to be of the opinion that only yearlings will be admitted to the coming dance planned by the class of 1930. However, the freshman Dance Committee, in discussing this attitude lately made the statement that, the freshman dance of May 13 will be open to all students of Technology.

Tickets for the affair are now on sale by all the section leaders of the freshman class, and in the fraternity houses. They will be sold at the desk in the Main Lobby next week.

## CREWS LOSE DUAL REGATTA TO NAVY ON ROUGH SEVERN

Middies Defeat Cardinal And Gray Varsity Eight By Three Lengths

### WIND SLOWS UP SHELLS

Beaver Junior Varsity Oarsmen Finish Behind Annapolis Second Eight

Navy varsity and junior varsity crews won a double victory over the Technology shells on the Severn River Saturday afternoon. At the finish line the Navy varsity led the Beaver first boat by about three lengths. The winning time of 6m. 43s. for the Henley distance of 1 5-16 miles was considered fairly good due to the conditions that prevailed. The course was quite windy and both shells shipped considerable water. The time for the Beaver crew in this event was 6m. 53s.

In the junior event, which preceded the varsity race, the plebes made the best time of the day, bettering the Navy varsity's time by one second. They led their own junior varsity by about two lengths who beat the Beaver Jayvees by the same distance. The rowing conditions were, however, decidedly better for this race than for the event which followed. The wind had fallen and the water calmed considerably when the first race started. The times for the two junior varsity crews were, Navy, 6m. 50s., and Technology 6m. 57s.

By mid-afternoon the wind, which had earlier in the day threatened to send the race to the upstream course, died down enough to permit the choice of the lower route. Shortly after 4 o'clock, the time set for the start, the two junior varsity crews and the plebe shell lined up at their starting positions for the opening of the regatta.

Shortly before five o'clock Comdr. William Greenman, the referee, lined up the varsity shells and sent them away. The Navy shell got off to a good start and gained a slight lead over the Cardinal and Gray eight. Both crews rowed 21 strokes to the first half minute and 40 to the full minute. During this time the Beaver oarsmen held their position slightly behind the middie eight. The extra strength of the Navy eight had become evident by the time the County

(Continued on Page 3)

## Princeton Is To Admit Co-eds In Spite of Protests

Mrs. Hetty Green Bequeathes 20 Million Dollars To Be Used for Coeducation

The supremacy of the male at Princeton has at last been challenged, when according to the terms of the will of the late Mrs. Hetty Green, the college will turn co-ed beginning 1929. Mrs. Green left \$20,000,000 to Princeton on the condition it be used to permit the gentler sex to obtain an education there. The college authorities are at the present time making arrangements to house and feed its incoming female student body.

Strong protests from the alumni and the undergraduate body have been generally ignored by the authorities, who are quoted in the *Princetonian* as expressing the opinion that all will turn out for the best, and the step will enhance Princeton's prestige and educational utility.

Separate quadrangles will be constructed for the women, and separate commons and eating clubs will be provided. It is expected that the number of co-eds will be small at first, but that it will gradually increase.

## CALENDAR

- Monday, April 25
- 5:00—Christian Science Society meeting in Room 4-132.
- Wednesday, April 27
- 5:00—Meeting of Freshman Section Leaders, Room 10-275.
- 6:30—Mining Engineering Society informal dinner, Main Dining Hall, Walker.
- Saturday, April 30
- 2:00—Open House.

A Record of Continuous News Service for 45 Years



Official News Organ of the Undergraduates of M. I. T.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Table with columns for MANAGING BOARD, ASSOCIATE BOARD, EDITORIAL DEPARTMENT, BUSINESS DEPARTMENT, and NEWS AND SPORTS DEPARTMENTS.

CLASS ELECTIONS

WITHIN two weeks spring class elections will be completed and the men who will direct undergraduate class affairs for the coming year will have assumed office.

In the past it has been considered a good election when fifty per cent of the voting potential cast ballots on election day.

If you feel that you know a man who is capable, who has ideas and one who will work in office, he is the man you should sponsor.

OUR TUTORIAL ENGLISH OPTION

TECHNOLOGY'S English department would appear to be among the first at M. I. T. to realize that students are not all of a single definite pattern.

Professor Roberts' plan is to give these men a chance to arrange their own study, using their personal desires as a basis for reading and writing except that they be subject to his suggestion and advice.

Though such experiments have worked to perfection in other colleges and universities, it is still an interesting question how well the plan will succeed at Technology.

But the fact that comparatively few of the students who asked to be admitted possessed any definite plan of study makes one wonder if the Institute undergraduate body is capable of adapting itself to such a system.

There is no doubt but what this experiment will unearth a few who have their own ideas and realize that life is more than a printed outline of existence.

THE TECH BOOK LIST

A HISTORY OF RELIGIONS

THIS BELIEVING WORLD, by Lewis Browne, New York, The Macmillan Company; 337 Pages. \$3.50.

In this book is a wealth of information about all of the great religions of the modern and ancient world put together in a story form as a tale of comparative religion.

Where others have made a treatise Lewis Browne has written the facts into a narrative form and traced the history of religions down through the ages noting how each of the races worked out their own particular form of salvation.

The author covers the founding of all the great religions, relates their history and describes their dominant characteristics. It is a book of religious information.

THE STORY OF MUSIC

THE STORY OF MUSIC, by Paul Bekker, New York: W. W. Norton & Company, Inc. \$3.50.

More and more, today, people are becoming educated to a fuller appreciation of music. Not only music as it comes to one's ears, but also the music of the ages as it comes in the form of history.

"The Story of Music" by Paul Bekker admirably fills this long-felt need. The book is, as the sub-title tells us, "an historical sketch of the changes in musical form."

The book does not attempt to be controversial, or to lay down the superiority of one composer above another. What it does attempt to do and succeeds in doing is to offer a perfect balance of cause and effect—one thing leading to another in such a way as to emphasize that music is ever-changing yet ever-beautiful.

To those who have had the very great privilege of hearing the Whiting Concerts, this book will be extremely interesting; for it develops even more completely the thesis of Mr. Whiting. The only regrettable thing about the book is that it can not be phonographically illustrated.

As We Like It

PICKWICK

To stage a production from a piece of literature possessed with the sparkling qualities of Dickens' "Pickwick Papers" and not lose the quaintness of those qualities is an achievement.

"Pickwick" is a comedy in three acts and eight scenes. It portrays the adventures of the inimitable Pickwick and his fellow students of human nature, the esquires, Winkle, Shodgrass, and Tupman.

quainted with mundane matters, but ever attempting to realize his ideals.

White John Cumberland is the mainstay of the cast, Charles McNaughton, as Sam Weiler, gives a comedy element which is fortunately not overacted.

IOLANTHE

We hardly think that when they were first produced, over fifty years ago, the Gilbert and Sullivan Operas could have been received more heartily and with more genuine delight than has been "Iolanthe," one of their premier successes, at the Plymouth Theatre this last week, and continuing.

For sheer and unmitigated drollery, sparkling naivete, humorous appeal, and subtle and decisive charm, "Iolanthe" seems to combine the supreme features of song and lyric. Only Sullivan, it seems, could write such attractive songs and only Gilbert could produce such delicious nonsense as is contained in the libretto of the play.

Highly imaginative and translated admirably on the stage is "Iolanthe." The cast of the present play leaves nothing to be desired. The voices are all extremely pleasant, the appearances of all, the costuming, the acting, the lighting, for all of these it would be superfluous to say that they were far above the usual.

In this present age of infertility of imagination in the drama, it is only too evident that a revival of this sort, of something unique and unusual would meet with instantaneous success. And such has proved to be true; the audiences at the Plymouth Theatre this week have seen fit to applaud in crescendo.

The admonition we can advance to the unseeing and not-having-seen is not to miss viewing "this chance of a lifetime."

Perhaps we haven't been specific enough in telling about and outlining the plot of the play—but that would be almost as bad as attempting to describe Utopia—there is something about it that defies ordinary definition, some innate quality which has its wonted effect upon the attendant audience, but which cannot be transmitted to paper.

AS WE SEE THE MOVIES METROPOLITAN

Fight pictures in the movies often seem to lack life and enthusiasm, but this is not true in "Knockout Reilly" the feature picture starring Richard Dix at the Metropolitan Theatre this week.

Opposite Richard Dix appears Mary Brian and in our opinion the choice could not have been a better one. The picture is also enjoyable because it puts Dix in a serious role which we believe he deserves after many ventures into the field of light comedy.

"Way Down South" staged by Frank Cambria is the stage presentation and offers a wide variety of stage talent but the whole is not as attractive as former productions have been.

FENWAY

The first half of this week at the Fenway Theater will be featured by Gilda Gray in "Cabaret." Tom Moore and Chester Conklin take the other important roles in this production.



In these days when colleges are planned to suit the individual tastes of the students, the Lounger is inclined to feel that M. I. T. is way behind the times.

Take for instance Prof. Drisko's lectures on heat and sound. There is no better time than those drowsy hours to prepare the next assignment in English or what not, but who can concentrate on a book when the professor persists in turning off the lights?

The Lounger noticed in the Transcript last Friday or Saturday an interesting comment on the suppression of one of the very naughty modern novels. A bookseller was testifying in court during a test case on "An American Tragedy"; he stated that in his experience with the sales of such lascivious stuff, at least 98% of the buyers appeared to be mature people of the intelligent class, the other two percent being Harvard students.

Barnard College of New York City has chosen a unique way of revolutionizing college sport, in running the traditional Sophomore-freshman scrap entirely a la Greek.

No sooner does the Lounger read (Continued on Page 4)

PLAY DIRECTORY

- COLONIAL: "Crisis Cross."—The inimitable Stones, Fred and Dorothy.
COPLEY: "The Ghost Train."—The incomparable melodramatic mystery play.
HOLMES: "The Constant Nymph."—An excellent drama.
PLYMOUTH: "Iolanthe." (Mon.-Wed.-Fri.) and "Pirates of Penzance." (Tue.-Thur.-Sat.)—May Gilbert and Sullivan ever be with us.
REPERTORY: "A Midsummer Night's Dream."—The lighter, jollier Shakespeare.
SHUBERT: "The Vagabond King."—The music is impelling.
ST. JAMES: "Mrs. Cheyne."—To be reviewed Wednesday.
TREMONT: "Oh, Please."—A very entertaining musical show.
WILBUR: "Yes, Yes, Yvette."—As sparkling with song and dance as "No, No, Nanette."
MAJESTIC: "Pickwick."—A recreation of Dickens beloved characters.
FENWAY: "Cabaret."—Reviewed in this issue.
METROPOLITAN: "Knockout Reilly."—Reviewed in this issue.
STATE: "The Love of Sunya."—To be reviewed Wednesday.

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# HARVARD DEFEATS M. I. T. TRACKMEN

## Navy Crews Win Double Victory Over Technology on Severn

### ENGINEER TRACK TEAM BURIED IN AVALANCHE OF POINTS BY CRIMSON

Harvard trampled on the Institute trackmen last Saturday to the tune of 162½-60½, but not without uncovering some mighty good work on the part of the Cardinal and Gray squad. Technology made a very good showing on the track, Hank Steinbrenner getting two first places in the hurdles and Cy Meagher winning the quarter. Scoring five places, and comparative weakness in the field events are what brought about the topheavy score.

Captain Steinbrenner won both hurdle races in comparatively easy fashion, as Harvard's timber-toppers were unable to compete with the likes of him. He showed that he is one man to watch in the Penn Relays next Saturday, and it will be a mighty surprised bunch of fellows around the Technology and Harvard trackhouses if Hank doesn't place high against the pick of the East. He broke both meet records in the hurdles, and did not seem to be forced to the limit in doing so.

Cy Meagher astonished the sons of old Harvard by showing his heels to the pack in the quarter-mile. He got off to a poor start and was trailing somewhat at the first turn, but dug in for all he was worth in the first straightaway, and hauled up alongside the leaders, passing them all in the home stretch. Cy practically clinched a position on the relay team that goes to Philadelphia this week-end.

Jack Wiebe deserves considerable credit for his second place in the broad jump and fifth in the century. The Crimson is always powerful in these events, and Jack proved his ability to tag right along with the best of them. Aside from Wiebe, Technology was about out of the picture in the dash. Al Miller, Harvard's famous "truck," managed to lead the rest in the hundred without straining himself.

The half-mile was another mighty pretty race to watch, with the dependable K. A. Smith leading the field for almost the entire race. He showed remarkable endurance in maintaining his seven-league stride throughout the entire grueling distance, and looks like an excellent runner over the half-mile route with a little more practice. Marsh Fay finished close behind him to get a fourth, while Smith had to be content with third place.

Harvard had the mile and two-mile races pretty much her own way. Pete Kirwin got third in the mile, and Austin placed the same in the two-mile. Charlie DeFazio was unable to keep within whispering distance of his old rival, Austin, and was crowded back into fifth place. The high jump failed to reach the customary heights, so Farwell and Allen both placed, although each has gone higher this year than his best effort last Saturday.

A high wind aided the javelin throwers to such an extent that the meet record was surpassed, although the new distance will not stand as a record. McCarthy took second, and was able to break his Institute record although he was doubtless aided just as much by the wind as the others. Glantzberg and Martini did fairly well in the weight events, but were not quite up to the caliber of the Crimson's huskies. Gray made a nice leave to take second in the discus.

The pole vault soared out of reach of the Cardinal and Gray vaulters before the competition was over, but Ray Jack managed to tie for fourth place. Red Stachelhaus and Martini contributed points in the shot put, getting a fourth and fifth. The Institute weight men seemed to be off form in strange surroundings.

The summary:  
100-yard dash—Won by Miller (H); second, French (H); third, Dunn (H); fourth, Lundell (H); fifth, Wiebe (T). Time—10 1-5s.  
200-yard run—Tie between Reid (H) and Flaksman (H); third, Austin (T); fourth, Novogrod (H); fifth, DeFazio (T). Time—10m. 1 1-5s.  
220-yard hurdles—Won by Steinbrenner (T); second, Weinstein (H); third, Henrich (H); fourth, White (H); fifth, Murphy (H). Time—24 3-5s.  
880-yard run—Won by Haggerty (H); second, Porter, (H); third, K. A. Smith (T); fourth, Fay (T); fifth, Peet (H). Time—2m. 1 1-5s.  
220-yard dash—Won by Lundell (H); second, Brayton (H); third, R. T. Dunn (H); fourth, T. E. Dunn (H); fifth, Stephenson (T). Time—22 4-5s.  
120-yard hurdles—Won by Steinbrenner (T); second, Weinstein (H); third, Fleming (T); fourth, Henrich (H). Time—15 2-5s.  
One-mile run—Won by Haggerty (H); second, Wildes (H); third, Kirwin (T); fourth, Mitchell (T); fifth, G. W. Smith (H). Time—4m. 32s.  
440-yard run—Won by Meagher (T); second, Peet (H); third, Brayton (H); fourth, O'Neil (H); fifth, Malick (H). Time—51s.  
Shotput—Won by C. A. Pratt (H), dis-

### BEAVERS CONQUER FROSH BALL TEAM

David and Boyle Feature With Brace of Home Runs— Score 9 to 2

In a practice game on last Saturday afternoon the Beaver baseball team defeated the freshmen by a score of 9 to 2. The winners displayed a marked improvement over their fielding in the B. U. game, inasmuch as not an error was recorded. The pitching of Duplin and Farwell was excellent and held the yearlings to but six hits and four walks.

Featuring the game were two consecutive homers by David and Boyle in the second inning, and during the game Duplin and Fahey each smashed out a triple. A total of fourteen hits was made by the team in eight times at bat. First base proved to be the hot corner of the afternoon and Crandall was required to reach into the upper atmosphere to snare several slightly wild tosses from the infield. If any department of the Beavers looked in need of more emphasis, it was their throws to number one bag. Inaccurate pegs were infrequent, however.

Boyle was lead-off man and opened with a single. Fahey followed with a one-bagger, advancing Boyle to second. (Continued on Page 4)

### Cardinal and Gray Crews Defeated in Both Varsity And Junior Varsity Races

Naval Academy First Eight Leads by Three Lengths; Jayvees Finish Two Lengths Ahead of Beaver Seconds

(Continued from Page 1)

Bridge was reached for the Navy led by a full length.

Technology attempted a sprint at the half mile point but was promptly met by an increase in the Navy's stroke with the result that the home crew had a lead of one and one-half lengths at the mile mark. In the last five-sixteenths Navy pushed its lead up to over three boat-lengths.

The junior event, which was run off under considerably better conditions, was, at the finish line, unofficially led by the first plebe eight.

At the start the Beaver eight got the jump and held it for a brief time when both the middy crews pulled ahead and led the Institute shell throughout the remainder of the race. Both the Cardinal and Gray crews rowed good races but they did not seem to have the power that was ex-

hibited by the men from Annapolis. The crews were boated as follows:

TECHNOLOGY VARSITY—Tittman, bow; Donovan, 2; Kelsey, 3; Collins, 4; Malmquist, 5; Dolben, 6; Knight, 7; Zurlwelle, stroke; Cook, coxswain.

NAVY VARSITY—Lindell, bow; McClure, 2; Bagdanovitch, 3; Born, 4; Hoerner, 5; Freeman, 6; Anderson, 7; Eddy, stroke; Seabring, coxswain.

TECHNOLOGY JUNIOR VARSITY—Mercer, bow; Moore, 2; Day, 3; Smith, 4; Godfrey, 5; Erickson, 6; Hammond, 7; Tappan, stroke; Karas, coxswain.

NAVY JUNIOR VARSITY—Wales, bow; Halex, 2; Giese, 3; Strong, 4; Du-borg, 5; Woerner, 6; Lincoln, 7; Sears, stroke; Hinds, coxswain.

Ninety per cent of the men students at the Ohio State University are working their way through college, either in whole or in part. Three out of every five pay a part of their expenses and one out of every twenty pays them entirely.

### Freshmen Lose To Andover In Meet By 88 to 25 Score

Lack of Men in Field Events Proves Costly—Frosh Runners Do Well

Technology freshmen were defeated by the score of 88-25 at their track and field meet with Andover Saturday. The frosh kept well up with their rivals in the track events, but the lack of high quality material in the field events proved a fatal weakness.

The 220-yard dash was the closest competition in the track schedule, the outcome being in doubt until the tape was broken. Cohen placed first with a time of 24 3-5 seconds, closely followed by Jandris of Technology and Wolf of Andover. The hundred was another close event. Cohen maintained his lead against Wolf of Andover to reach the tape 11 2-5 seconds after the starting gun.

Ladd of the freshman squad put up a good fight in the 440 but Nunn of Andover drew ahead in the last 40 yards of the race to score a win. Ladd placed second and Newfield of Andover third. Herbert and Berry of Technology took first and third respectively in the mile, but Andover took all three places in the 880.

A high wind made it necessary to cut the hurdle distance from 220 down to 180 yards. Ross was the only scorer for the frosh in this event, coming in third.

The field events proved fatal to Technology hopes. The frosh were unable to take any points in the high jump, shot put, broad jump or discus and placed only third in the javelin and pole vault. Herbert took the third in the pole vault, while Whitworth scored in the javelin event.

### FRESHMAN FENCERS DEFEAT ENGLISH HIGH

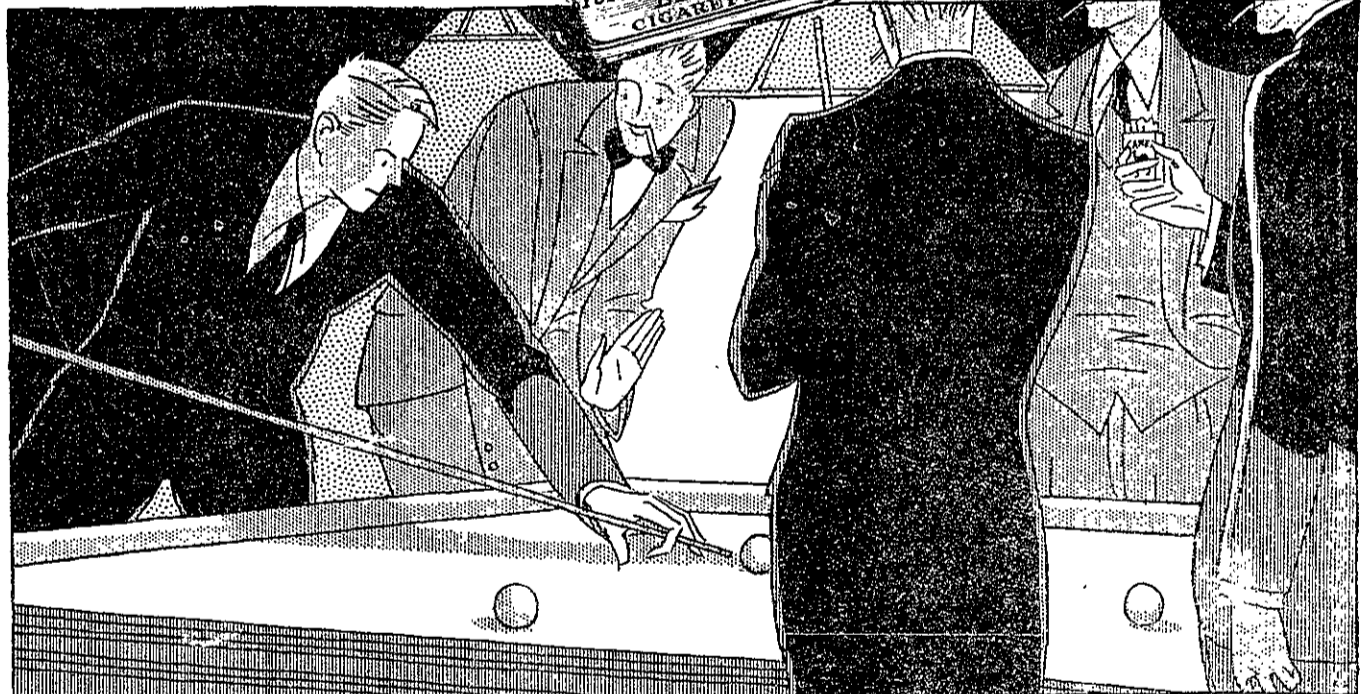
Show Considerable Ability In Last Tuesday's Meet

Fencing Boston English High, Tuesday afternoon in North Hall, the freshmen swordsmen made an excellent showing. One of the features of the meet was the work of Captain Thormin of Technology in winning all three of his bouts. The work of Koretsky of English High was worth watching. English High had the advantage in that their team carried two left-handers.

Score: Thormin, M. I. T., 5—Ginsberg, English, 3; Royo, M. I. T., 5—Geraigerty, English, 3; Koretsky, English, 5—Wattendorf, M. I. T., 2; Thormin, M. I. T., 5—Geraigerty, English, 2; Koretsky, English, 5—Huson, M. I. T., 1; Royo, M. I. T., 5—Ginsberg, English, 4; Wattendorf, M. I. T., 5—Geraigerty, English, 4; Thormin, M. I. T., 5—Koretsky, English, 2; Ginsberg, English, 5—Hartwell, M. I. T., 0.

Total score: M. I. T., 6—English High, 3.

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## BEAVERS WIN OVER FROSH BALL TEAM

Beaver Team Plays Errorless Game in Field to Take Practice Game

(Continued from Page 3)

old. Rhinehart sent out a fielder's choice which caught Fahey at second. Crandall reached first on an error by the pitcher but was doubled off second when Cullinan grounded to short.

Crosby and Donahue were struck out in the opening of the second box. Then Duplin followed with a single. David and Boyle made home runs, leaving Fahey to close the inning.

A single by Rhinehart opened the third. Crandall bunted safely, advancing Rhinehart, then Cullinan doubled scoring both. Crosby and Donahue followed with sacrifice bunts, bringing in Cullinan, and Duplin ended the inning by grounding to second.

The fourth square recorded a triple for Fahey but three fly outs held him from scoring. Duplin, in the fifth, knocked a three-bagger, scoring Cullinan and Crosby who had singled and walked, stealing third and second respectively. David drew a walk, but died on base with Duplin when Stanley, who replaced Boyle, flied out.

Rhinehart scored the final run for the Beavers when he came home on a single by Cullinan in the sixth. The seventh and eighth went on the board without a run.

Strike outs were prevalent in the freshman offense and the fielding was, in general, poor. McHugh, on the mound, was not up to his usual form but in all probability was rendered erratic by the loose support tendered him. Burke chalked up a double, a single, and a walk. Hasset recorded two singles, and Riley singled and drew a walk. LaPointe made a hit and McHugh waited out four balls on two occasions. He and Riley scored the only freshman runs.

The line-up:

Beavers	Frosh
David, Bell, Ackerman	Burke
Duplin, Farwell	McHugh
Crandall	Riley
Rhinehart, Peterson	Street
Cullinan	LaPointe
Boyle, Stanley	Hasset
Donahue	Murray, Schraeder
Fahey, Green	Spahr, Farley
Crosby	Smith
	1 2 3 4 5 6 7 8 9
Beavers	0 3 3 0 2 1 0 0
Freshmen	0 2 0 0 0 0 0 0 0

## FRESHMAN DEBATERS LOSE TO DARTMOUTH

Subject of Child Labor Is The Stumbling Block

Meeting the Dartmouth freshmen in their first contest of the year, the M. I. T. freshman debating team went down to defeat 2-1 Friday night. The question was, "Resolved: That This House Favors the Adoption of the Child Labor Amendment." As usual in Institute debates, the modified Oxford system was used.

Joseph Harrington, James G. Muir, and Charles E. Edlund, representing the Institute class of 1930, unsuccessfully set forth arguments for the affirmative while M. D. McCloud, R. E. Ela, and Carl Rodi upheld the negative for Dartmouth. Ralph T. Jope '28, President of the M. I. T. Debating Society, presided, and judges were Mr. Edward R. Clarke, Principal of the Winthrop High School, Mr. James M. Leonard, of the Cambridge Latin High School, and the Rev. Harold Guy Scott.

During their stay the visitors were the guests of the debating society, and were shown around the Institute on Saturday. The next opponent of the freshman debaters has not been announced.

## Miller And Timbie Will Be Speakers At Meeting of City University Club

Business and College Heads To Confer Next Thursday And Friday

Edward F. Miller, head of the Mechanical Engineering Department, will talk at a vocational meeting of the Boston University Club on Thursday in a discussion on the adjustment of the college man to business with regard to what the colleges and industries are doing. On Friday Professor William H. Timbie of the Department of Electrical Engineering will address the meeting in a discussion on "A Practical Basis of Co-operation of Education with Business and Industry."

Aid Aimless Graduates  
These conferences are being planned by the Boston University Club because of the fact that "we now have mass education and with it a problem that is growing larger every day, the assimilation of the graduates into the business and industrial life of the community." Their purpose is to give an opportunity to representative leaders of New England colleges, business, and industries to discuss how best to eliminate "the graduate without a definite purpose in life," because the Department of Education and Vocation of the Club is aware that ninety per cent of the young men, excluding technical and professional groups who receive their diplomas have no idea as to what kind of work they wish to follow.

While functioning in many ways like an employment bureau the University Club's Department of Vocation and Education has a far wider scope. First of all, it seeks to direct the college senior to the question of his life's work, to aid him in studying all available opportunities, and in analyzing his own qualifications and desires. Then, with such preparation, the department is able to co-ordinate the opportunities of business with the ambitions and qualifications of the younger graduate, thus bringing together the two elements which are so necessary to continued prosperity, and giving the graduate an opening to start on a business career, not a mere job.

Hold Two Conferences  
Two conference sessions, which will take up all of Thursday and Friday will terminate with a banquet on Friday evening when President Kenneth C. M. Sills of Bowdoin, and Principal Alfred E. Stearns of Phillips Andover will be the speaker.

On Thursday morning, after an outline of the plans of the University Club is presented, there will be addresses on the college man in business, and the view points of both the college student and the business leader. A discussion of these topics by several eminent college and business leaders will conclude the morning session. In the afternoon there will be a talk on "The Adjustment of the College Man to Business and Industry," which will be followed by others on what the college and industries are doing. Discussions by several eminent college and business leaders of the topics presented will conclude both of the sessions.

"A Practical Basis of Co-operation

## Season Schedule for Beaver Baseball Team

April 29	Bryant Stratton	At Providence
April 30	Naval Training Station	At Newport
May 4	Tufts	At Tech Field
May 7	New Bedford Textile	At Tech Field
May 14	Trinity	At Hartford
May 19	Conn. Aggies	At Tech Field
May 21	Boston College	At Newton
May 25	Tufts	At Medford

of Education with Business and Industry," will be the subject of Friday morning's address. That afternoon there will be a speech, followed by a discussion on "The Value of a Liberal College Training as a Preparation for Business and Industry."

## SENIOR PROGRAM IS NOW COMPLETED

Tickets For Senior Events Will Be Placed on Sale Next Week

(Continued from Page 1)

ticket covering all of the Senior Week events which will cost \$17, a blanket ticket covering all of the events except the Prom at \$8, or a ticket covering the Prom alone at \$11.

Signups for these three types of tickets will be respectively \$5, \$3 and \$4. The Blanket Ticket covering all of the events includes the Senior Booklet, Banquet, Picnic, Tea Dance, Pops Concert and Prom.

## PLANS FOR SUMMER MEETING ARE MADE

Many Well-Known Men Will Speak at Northfield

Announcement has been made of the dates and speakers at this summer's Northfield Student Conference, which will be held in East Northfield, Massachusetts, June 15-23. Students at the Institute who would like to go to this conference should report to the back office of the Technology Christian Association.

Among the speakers will be Henry Sloane Coffin, A. Philip Randolph, Prof. Henry H. Tweedy, Kirby Page, Prof. Kertley F. Mather, Henry P. Van Dusen, David R. Porter, Arthur Rugh, and Tisington Tatlow. There will be "interest groups" held each morning under the leadership of some experienced forum leader on religious, social, educational, international, and industrial problems.

## THE LOUNGER

(Continued from Page 2)

of such an innovation than his fertile mind immediately sets about devising some such scheme that might be tried at Technology. Why not attempt the same thing the next Field Day here at the Institute, except that the thing be done in he good old Roman way? The freshman and Sophomores could have a chariot race or so just for the lighter event, and then fight out the remainder of the battle in a series of tableaux representing the famous Roman drinking scenes, or some of the Back Bay brawls of the gods. No doubt the Sophomores would have the slight edge of experience, but think of the sport of a good hot tableau!

The picture would be incomplete, of course, without some of the Roman visages of the Faculty to grace the stony Great Court. Lobby, the Lounger is certain, would play a very apt and willing Bacchus to take charge of festivities, while Mollie Pearson and Spats would be superb as Jove and Pluto. The whole scene would not be made much worse—possibly even more Roman—with a filmy dance by the Coeds. And then to cap the whole celebration a few martyrs could be burned at the stake—a couple of A. L. Russell's students for instance; they are immune to most any kind of torture by this time.

## Intercollegiates

New York—When arrested for operating a still, Abe Bloom of this city declared to the police that he was bootlegging to pay his way through college. He did not state how successful he had been.

A survey made at Syracuse University showed that in "college bull sessions" the favorite discussion topics for men were "Women in General," "Prohibition," and "Choice of Careers," while those for women were "The Unreliability and Inconstancy of Men," "Modernism," and "The Value of College Training."

A student of Stanford University was dropped from the university because he was seen taking alcohol from the chemistry laboratory.

Five out of 1,385 students stepped aside to avoid passing under a ladder placed near the entrance of the University of California's campus gate.

Dr. William J. O'Shea, superintendent of schools in New York, attributes the wave of student suicides to too much study and to constant mental over-taxation.

In a response to the request for R. O. T. C. men to sign up for military basketball at the University of Minnesota, enough men answered the call to form 38 teams. Each squad was composed of about eight players and selected its own manager. Basketball seems to be popular at Minnesota.

Ohio Northern University is again enforcing the ban on dancing, prohibiting any student from dancing or any organization or persons from giving a dance under penalty of expulsion.

Four senior cadets at West Point have recently been suspended for hazing freshmen. This is the first enforcement of discipline in ten years for this offense.

## HORSE SHOES GIVE TEXANS DIVERSION

Students Organize Teams—To Offer Prizes For Skill in Pitching Irons

Always on the lookout for some new diversion or novelty, college students, along with tiddle-wink, checker, and bridge tournaments, have recognized the merits of 'Horse-shoe Throwing.' Announcement has been recently made by the students of the Texas Technological College that a tournament in horse-shoe throwing will be held for an entire week in order to determine the supremacy of teams involved.

As prizes, the year book of the College has offered golden horseshoes, and official recognition as the champion shoe pitchers of the school. Other colleges are permitted to enter, provided that the two members of the team are from the same school. The Engineers at this technological school hope to win the laurels from a number of other widely separated participants.

According to *The Torcedor*, publication of that school, "several teams have been organized and the boys are showing real form." Authorities are at present formulating a set of rules for this noble game of 'one-horse-towns'. It is sincerely hoped that enough interest will be forthcoming to make this sport an annual event as well as to form an intercollegiate tournament in later years.

## STUDENT FRACTURES JAW WHILE AT HOME

Constantine Bary '27, Chairman of the Electrical Society, was rather painfully injured last Tuesday when fractures to both jaw-bones resulted from an accidental fall. He was home in Philadelphia when the misfortune occurred and his return to school this term is doubtful.

While he is absent, William L. Sullivan '27, Vice Chairman, will perform Bary's duties as chairman of the Society.

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## Notices and Announcements

### OFFICIAL

#### PHYSICAL EXAMINATIONS

The Medical Department is desirous of making a physical examination of every Senior before he graduates and it is hoped that every Senior will avail himself of this opportunity to ascertain his physical condition.

Appointments for this examination may be made in Room 3-019 of the Medical Department.

#### UNDERGRADUATE

##### BOOKS WANTED

Books of all kinds and descriptions are wanted by the American Merchant Marine Library Association for sailors and coast guard men. Donations may be left at all libraries throughout the Institute and the T. C. A. during the week of April 25th.

##### CREW COMPETITION

The manager of Crew announces the reopening of the competition for freshmen managers. All freshmen interested should report to the boat-house any afternoon at 5 o'clock.

##### T. C. A. EMPLOYMENT

The Undergraduate Employment Bureau has the following jobs open: Hotel Clerk for month of July only; Selling Gas Heaters during May and June. Men interested can get further information at U. E. B. Office.

### FRESHMEN

A Freshman assistant is needed by the Wrestling management. Here is a chance to become manager in your Junior year. Leave notice on Wrestling desk in A. A. office.

#### AERO SOCIETY

Ballots have been sent for election of next year's officers. These must be turned in at the Information Office or in Room 3-312 by Saturday.

#### MINING ENGINEERING SOCIETY MEETING

Informal dinner in Main dining hall, Walker, at 6:30. Meeting at 7:45 in West Lounge. Annual election of officers. Speaker is A. C. Lane, Professor of Geology at Tufts College, Wednesday, April 27.

#### CHRISTIAN SCIENCE

There will be a meeting of the Christian Science Society today in Room 4-132 at 5:00.

#### GOLF CANDIDATES


All men interested in trying out for the golf team should see the manager at the A. A. office at 5 o'clock Monday, April 25.

#### FRESHMAN BASEBALL

All men out for the Freshman Baseball Team must report for practice this afternoon at 5:00 o'clock.

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