

THE TECH

VOL. XXXIV, No. 82.

BOSTON, MASS., FRIDAY, JANUARY 15, 1915.

PRICE THREE CENTS

DR. NASMYTH SPEAKS TO COSMOPOLITAN

Tells of Recent Convention of Cosmopolitans From All Colleges.

The members of the Cosmopolitan Club received a new impression of the work that is being done by the Association of Cosmopolitan Clubs for the furtherance of world peace. At the informal dinner of the club Dr. Nasmyth, representative of the Harvard and M. I. T. clubs at the recent convention of the Association of Cosmopolitan Clubs, told of the events of the Convention.

The spirit of the convention was one of united work for peace and the furtherance of international harmony. The clubs at the different colleges have taken steps to educate the communities in which they are located to appreciate the brotherhood of mankind. Foreign students have been sent to speak at forums, churches, and similar gatherings, with the idea of giving the people some idea of foreign countries and ways of thinking. In this and other ways the clubs of this country have tried to help in the broad work which is being done by student cosmopolitans all over the world. The present war has brought home to all the need of more understanding between different peoples, and all the student clubs, which are affiliated in an international organization, are trying to work together in (Continued on Page Four)

T. C. A. ADVISORY BOARD

Cabinet Meets With Board To Make Report On Work.

Last evening, the members of the Cabinet of the T. C. A., consisting of the chairmen of the various committees of the Association and of the officers, were the guests of the Advisory Board at dinner in the Union. The members of the Advisory Board present were: Mr. Walter B. Snow, '82; Prof. G. B. Haven, '94; Dean Burton; Mr. A. S. Johnson, President of the B. Y. M. C. A.; Mr. F. L. Locke, '86, President of the B. Y. M. C. U., and F. N. Perkins.

The chairmen representing the various branches of work in the T. C. A. gave informal reports, details of which will be published in a later issue of The Tech.

CROSS COUNTRY

The photo of the Cross Country Team will be taken at 1.10 P. M. this noon at Notman's Studio, 3 Park Street. The following men will please report: Cook, Wall, Nye, Bradley, Harrington, Graft, Litchfield, Wilkins, Benson and Coach Kanaly.

NEAL E. TOURTELLOTTÉ,
Asst. Manager.

WRESTLING TEAM VS. BROWN TOMORROW

Both Teams In Excellent Trim—University Has Strong Outfit.

Tomorrow night, at the M. I. T. Gym Technology's first college wrestling meet this season will be held. The team has already won three matches but Brown will be its first really difficult opponent. This will give the first real opportunity to determine how efficient this year's squad of matmen is.

Last year, Brown University was defeated by Technology's champion. (Continued on Page Four)

CATHOLIC CLUB MEETS

Banquet Held In The Union—Plans For Dance Discussed.

Fifty members of the Catholic Club met in the Union Wednesday night for a banquet and talk. Father Scanlan spoke a few words, and introduced the speaker of the evening, Mr. Manning, who told of the work of the Superior Criminal Court, of which he is clerk, and of the Home for Destitute Catholic Children. At the close of the meeting, W. B. Colleary was selected representative from the class of 1917. The plans for the dance of the club were then discussed. This dance is to take place at the Hotel Somerset, on Wednesday, February 10, the price being \$4.00 a couple. Each member of the Club will be sent two tickets to dispose of.

Mr. Manning began his talk by the statement that besides the working side of life there is the charitable, the help-your-neighbor side. When a young man of seventeen he began work in the courts, and the misery he saw there made him resolve to do what he could to help. Some twenty years ago he became interested also in the Home for Destitute Children. This home was started at the time of the Civil War, when a number of men, seeing the need for the care of the orphans of soldiers, had organized the Home for their benefit. It is now able to care for some 300 children. (Continued on Page Three)

THE MONTHLY

The February issue of the Technology Monthly and Harvard Engineering Journal comes out next Monday. It will contain several good articles, a number of which have been written by undergraduates. A wide range of subjects will be covered from forestry to thermodynamics. There will also be a good number of illustrations. The humorous side has not been forgotten as there will be a page of cartoons by McDaniel as well as illustrations by one of Life's artists.

YALE HOCKEY TEAM DEFEATS TECHNOLOGY

Hard And Fast Game Finally Won By Blue By Small Margin.

In the game last Wednesday night at the New Haven Arena the M. I. T. Hockey Team gave Yale the hardest and most closely contested game they have played this season. Although the final score was 5-3 in favor of Yale, it was only after two extra five-minute periods that the wearers of the Blue were entitled to claim a victory.

C. D. Winton was easily the star of the evening and played the fastest and most aggressive game for Technology, scoring two of the three tallies. Captain Fletcher at rover made frequent sensational spurts down the ice only to have his shots stopped by Schiller, the Yale goal-tender. The Team work of the whole seven was exceptionally good and it was only by this consistent team play that Technology was able to pass Yale's defence and cage the puck. Although each man on the team played unusually well and should come in for his share of the credit, Johnson, who played goal, deserves special mention as his work in this position was good throughout and at times sensational. During the game Johnson made twenty-three stops out of twenty-eight shots.

From statements made by Manager Goudy of the New Haven Arena and others the work of the Technology seven was the best shown by any opposing college team of the season and as a result of its good showing the (Continued on Page Two)

CUSTOMS HOUSE TOWER

Designer To Address Architects At Union Tonight.

A joint smoker will be held in the Union tonight at eight o'clock, by the Architectural Society, and the Architectural Engineering Society. The subject will be The Construction of the Customs House Tower, and will be treated by Mr. M. A. Reidy, the designing engineer. Mr. Appleton, one of the designers, will also speak on the branch of the construction. The meeting is intended for all Course IV men, as well as a number of alumni, who are expected to be present.

HOCKEY NOTICE

The Technology Hockey Team will play Amherst Aggie tomorrow at Amherst. The following men will meet Manager MacRae Saturday morning promptly at seven fifteen at the Union: Johnson, Gould, Cochrane, Woodard, Keeler, Coward, Fletcher and Winton. Practice will be held tonight at the Arena at seven o'clock.

C. E. SOCIETY HAS AN INTERESTING MEETING

Speaking By Undergraduates Was A New Departure—Four Good Talks.

The meeting of the Civil Engineering Society Wednesday night in the Union was attended by about sixty men. After the announcement of the next meeting, which comes February 19, the speakers were introduced. At this meeting an innovation was attempted, in the form of talks by undergraduates rather than by engineers from outside. Refreshments were served in the side room at the close.

The first speaker was G. R. Walsh, '15. He said that almost anyone used to be able to get a job in the summer as an assistant in an engineering camp; but it is now recognized that something more is needed. For this reason the Civil Service Examinations are helpful to the employers. The fact that a man has passed an examination insures a certain attainment in that line, and moreover it shows that the man possesses some interest in the work. He said that there is nothing very hard about the exams and that he was glad to see so many planning to take them.

Mr. H. E. Mitchell, a professor in the school of Applied Science at Syracuse University, and a graduate student at the Institute this year, next spoke on the relations of the teacher. The college graduate who wishes to become a teacher may go into the public schools, or into a college; the technical graduate is limited to teaching mathematics, physics, chemistry, and manual training in the high (Continued on Page Two)

SWIMMING TEAM

Captain Foster of the Swimming Team requests every one who has been retained on the squad to report for practice, regularly, as the time available before the meet with Andover on February 12 is limited. Time trials will be held during the next two practice sessions.

CALENDAR

Friday, January 15, 1915.

1.10—Cross Country Picture. Notman's.

4.15—Mandolin Club. Union.

4.30—Wireless Society. 11 Eng. B.

7.00—Hockey Practice at the Arena.

8.00—Arch. Society Smoker. Union.

8.00—Chem. Society Talk. 42 Pierce.

8.00—"Science as a Prevention of Fraud." Huntington Hall.

Saturday, January 16, 1915.

1.10—Advisory Council A. A. Picture. Notman's.

7.15 A. M.—Hockey Team Leaves Union for Amherst.

8.00—Wrestling Meet with Brown. Gym.

THE TECH

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FRIDAY, JANUARY 15, 1915.

This disturbance in Political Economy lectures has increased to a point where it is not only an insult to the lecturer and a disgrace to the perpetrators, but an annoyance to the entire class. It is useless to point out here that the Gym is provided as an outlet for the youthful exuberance of our seven-year-olds, or to urge that those who cannot appreciate the lectures refrain from dog-in-the-manger tactics, because all such impersonal argument passes over the heads of those against whom it is directed. The only effective measure is combined personal criticism by groups of the men who have been annoyed.

The same measures could be used to good advantage in the case of talks given at noon in the Union. Casual bystanders have of late become very careless of the rights of those who come for a serious purpose, and a firm expression of public opinion is the best remedy.

C. E. SOCIETY (Continued from Page One)

schools, or acting as instructor in a college. He spoke of the requirements in most states of some form of non-professional studies such as psychology, ethics and child study, before granting the certificate necessary for teaching in the public schools.

T. F. McSweeney of the Junior class was the next speaker, giving some amusing anecdotes of his first year in railroad work. He was engaged in the summer and fall of 1911 on the projected railroad to the top of Mt. Washington. This was planned to be the steepest in the country, in some places having a grade of 33%, but it was not built. The camp crew was lodged in part at the base and in part in an old camp of the Appalachian Mountain Club. In this latter camp were sixteen men in a room twelve by sixteen. The work was dangerous; in some parts men were lowered over a steep cliff by the chains used in measurement, the next fall a man was lost in the fog while engaged at the same place.

The last speaker was Mr. A. H. Clark, a graduate of Amherst, who spoke on some aspects of engineering on the Pacific Coast. He said that engineering on the Pacific Coast began with railroad work, and that almost all engineers there have had more or less experience in railroad work; but conditions have changed greatly in the last few years.

LECTURES OF SOCIETY OF ARTS TO COMMENCE

Dr. Bigelow To Talk On "Science As Protection Against Fraud."

The first of a series of lectures under the auspices of the Society of Arts will be given this evening at eight o'clock in Huntington Hall, by Dr. S. Lawrence Bigelow, Professor of General and Physical Chemistry at the University of Michigan. His subject will be "Science as a Protection against Fraud." Clever frauds, especially scientific ones, have a fascination for the general public, and Professor Bigelow will describe some of these in detail, especially those in connection with chemistry, physics and medicine.

Dr. Bigelow is a man of wide education and experience. After graduating from Harvard, he entered the firm of Bigelow & Daus, a hardware firm. He left his business to take a scientific course at the Institute, from which he graduated in 1895. Later he went to Germany to study, and obtained a Ph. D. degree at Goettingen under the famous Nernst. He has been at the University of Michigan during the greater part of the past few years, and has there acquired a reputation as a fluent and easily comprehended lecturer.

The other lectures of the Society will be as follows: "The Horse and its Progenitors," by Dr. W. D. Matthew, Curator of the Department of Vertebrate Paleontology, American Museum of Natural History; an experimental lecture in physics, by Professor Dorr of the Institute; a talk by Dr. Carl Alsborg, Head of the Bureau of Chemistry of the U. S. Department of Agriculture; and a lecture on "Submarines" by Professor W. Hovgaard, formerly Lieutenant Commander in the Danish Navy, and now a member of the Institute Faculty.

YALE WINS (Continued from Page One)

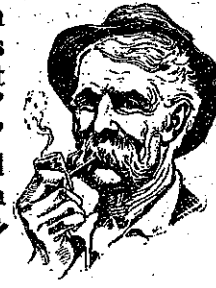
Red and Gray will probably be given two more games at the New Haven Arena, during mid-years, one against the rink team and one against some college seven. If possible a second game with Yale will be arranged.

To Coach Denshaw, who has worked hard with the team for the past few weeks, the team owes in a great measure its good showing in this game. Now that he has seen the team in a game he knows its weak points and can coach the team from now on to better advantage since he knows its defects. The game by periods is as follows:

Almost at the blowing of the whistle Coward got the puck and dodging the whole Yale defence passed to Winton who made a pretty shot resulting in a goal, after about fourteen seconds of play. The game for the next ten minutes was very fast, the puck being alternately at each end of the rink. During this time Johnson made several remarkable stops which looked like almost sure goals for Yale. Herron finally scored Yale's first goal by clever individual effort after eleven minutes, twelve seconds. At this time Gould, in a scrimmage,


(Continued on Page Four)

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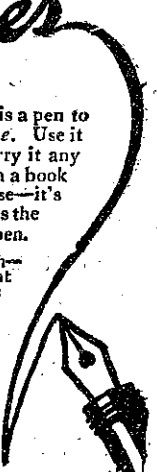
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PORTFOLIO COMMITTEE BOOKS APPOINTMENTS

Short Time Left For Remainder
 Of Pictures—All Sittings
 Free.

The 1915 Portfolio Committee is now booking appointments for the Senior pictures, and, since the Senior Portfolio is to be published as part of Technique this year, the time has been shortened nearly two months. The photographic work is being done by Notman, and the Committee will try to see every Senior as soon as possible to arrange appointments. Over 400 men must have their pictures taken before the last week of February, and it will be necessary to make appointments during the week of examinations and the week following.

Seniors who can have their sittings during either of these two weeks are requested to notify C. N. Runels, C. W. Wood, or W. B. Spencer at their earliest convenience. Appointments can be made in the Union from 1.30 to 2.00 every day until mid-years'.

The success of the Portfolio and Technique 1916 demands the co-operation of all Seniors, and upon being consulted for appointments the first free hour should be given, even though it may mean some slight sacrifice. No charge is made for the sittings, and proofs are sent out two or three days afterwards. Each Senior should make a selection of the picture that he wants in the Portfolio, and send the proofs back to Notman's. In case the proofs are not satisfactory, another appointment must be made at once. Pictures can be obtained at reduced prices and samples can be seen at the time of the sitting.

The committee desires that all members of the Class of 1915, although not classified regularly in the catalogue, arrange for sittings as soon as possible.

CATHOLIC CLUB (Continued from Page One)

dren, and has finances enough to carry on the work, although they were very low at first.

The children coming to the Home are first, neglected children; and second, children of poor and distressed parents. The Home provides such children with bed, bath, meals and religious instruction until a home can be found for them. In answer to a question he said that the greatest causes of crime were: getting discouraged, having no money, being shiftless, and drunkenness; a want of purpose and a lack of ambition are important factors.

ABRASIVES LECTURE

At the meeting of the Chemical Society tonight, Mr. J. G. Callan will speak on the production and industrial uses of the chief varieties of abrasives. Mr. Callan was formerly a professor at Columbia University, and is an expert turbine engineer, as well as a specialist on abrasives, in the employ of A. D. Little Co. On account of the architectural meeting at the same time, the talk will be held in 42 Pierce at 8 P. M., instead of at the Union as first announced.

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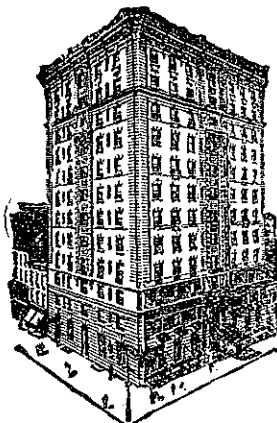
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TECH VS. BROWN
(Continued from Page One)

ship wrestling team by the score of eight to one. This year Brown is represented by practically the same outfit while Tech must depend on new material, almost entirely. Of the first string men wrestling for the Institute last year, only Loo and Captain Crowell remain, while of the second string grapplers there are still Durkee, Rounds, Wood and Goodell.

Manager Morse promises eight bouts tomorrow evening; one in the 115-pound class; two in the 125-pound class; two in the 135-pound class; one in the 145-pound class; and two in the 158-pound class. Technology will wrestle with the following team: 115-pound class, Loo; 125-pound class, Rounds and Stebbins; 135-pound class, Giles and Durkee or Hoffman; 145-pound class, Goodell or Mertz; 158-pound class, Wood and Bond.

Tickets to the meet can be procured from any member of the wrestling team for 25 cents.



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COSMOPOLITAN CLUB
(Continued from Page One)

the interest of spreading the doctrine of international brotherhood, hoping thereby to prevent another catastrophe such as the present struggle.

Dean Burton spoke briefly to the Club, commending the plan which is now on foot to have a larger entertainment directly after the mid-year vacation. Professor Seaver described an interesting prophecy that he had found in the works of Sir Francis Bacon, anticipating the Institute. Bacon told of a College of Six Days' Work, and gave a description of the feelings and ambitions of students that is somewhat similar to what we have here. Professor Seaver mentioned especially the spirit of the institution, namely, to investigate science for the purpose of alleviating the sufferings and difficulties of humanity.

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YALE WINS
(Continued from Page Two)

received a bad gash on the cheek and was forced to retire, Fletcher dropping back and Keeler being substituted in his place. MacDonald scored Yale's next tally, thirty-seven seconds later. While Keeler was in the game he showed some fast skating and fitted in well with the combination play of the forward line. Just before the close of the game Gould resumed his position and continued his strong defensive play at cover point. After sixteen minutes and fifteen seconds of play Coward tied the score by one of the prettiest goals of the game, a long shot at a sharp angle. The half ended Yale 2, Technology 2.

The playing in the second half was very fast and the crowd was on its feet many times, Technology receiving its share of applause. Frequently the whole forward line Capt. Fletcher, Winton, Cochrane and Coward carried the puck the whole length of the rink only to have it stopped at the cage. The first goal of this half resulted for Yale in a rough and tumble scrimmage in front of Tech's goal after four minutes of play. The remainder of the half was hard fought and even bordered on roughness, Winton finally caging the goal which tied the score after ten minutes and fifty-six seconds of play. The half ended with no further

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scores. It was then decided to play two five minute overtime periods and in this time Yale scored two goals, one by Capt. Sweeney and the other by Bierwirth.

The summary:

Yale	Tech
Schiller, g.	G. Johnson
Bierwirth, p.	P. Woodard
Herron, cp.	cp. Gould (Fletcher)
Dickey (Macdonald), lw.	lw. Coward
Sweeney (Capt.), c.	c. Winton
Murray, rw.	rw. Fletcher. (Capt.)
	(Keeler)
McDonald (Wilson), r.	r. Cochrane

Two twenty minute periods, two five minute overtime periods.
Referees, Fynan and McKinnon.

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