

THE TECH

VOL. XXXIII. NO. 100.

BOSTON, MASS., SATURDAY, DECEMBER 13, 1913.

PRICE TWO CENTS

ASSISTANT PUBLICITY MANAGER TECH SHOW

Duties Outlined—Order Of Promotion Given—Meeting Of Candidates.

Candidates for Assistant Publicity Manager of the Tech Show will meet Monday afternoon at 4.15 with E. W. Lucas, Assistant Publicity Manager

There are three publicity managers at present. Each man has been given a certain amount of work to do, depending upon his position, which has mainly to do with write-ups in THE TECH and other papers; but this year a new plan has been inaugurated by which the first assistant will be under the direct supervision of the stage department after Christmas of each year. This gives a man in the publicity department an insight into the working of the Show. The position will better fit him for general manager when a Senior.

Before this the publicity manager has not had a fair chance for this office, but with the qualifications which he will now receive his chance will be as good as that of any manager. The only competition in the department is in selecting the first assistant and then publicity manager.

From among the three heads of the departments and the treasurer the general manager is chosen, so that the head of the publicity department is a candidate for one of the most important student activity positions in the Institute.

The time employed in the contest is from 4 to 6 in the afternoon, a period which is ordinarily wasted, so that a man may work here and not feel that he has neglected his studies.

The duties and plans will be further explained Monday afternoon, and all Freshmen who are interested will meet in Room B in the Union at 4.15.

SOPH. GOV. BOARD

Basketball Subsidized—Committees Report.

At a meeting of the Sophomore Governing Board held yesterday noon reports were received from the Pipe and Dinner Committees, both of which were accepted. The treasurer reported that the financial condition of the class was such that there was in the treasury more than enough money to meet all obligations. Twenty-five dollars was voted to the Class Basketball Team and a like amount to be devoted to specialties for the Class Dinner. G. M. Lovejoy was elected manager of the Sophomore Baseball Team.

SPECIAL REHEARSAL

As there will be no one in the Union today, Monday will be the last and only time that tickets for the Winter Concert can be redeemed. Programs will be given out Tuesday. A special rehearsal of the Glee Club will be held tomorrow, Sunday, in the Union at 2.30 P. M.

MR. LYTHGOE ADDRESSES CHEMICAL SOCIETY

Tells Of Legal And Technical Side Of Analyst's Work—Advance Dates.

Last night the Chemical Society was told of the ins and outs of the work of a public analyst by Mr. H. C. Lythgoe, M. I. T. '06. Mr. Lythgoe is Analyst for the Mass. State Board of Health.

Massachusetts was one of the first states to pass laws regarding food products, its first law regarding milk inspection being passed in 1886. Under the present laws there are two classes of prosecutions, one for selling milk less than 3.35 per cent of fat, the fine being not more than \$50, and another for selling watered or adulterated milk, the fine for conviction being from \$50 up. During the year 1913 the Board of Health Laboratory has so far analyzed over 7,000 samples of milk. Inspectors are required to collect samples from every town of over 2,000 inhabitants at least twice each year.

Mr. Lythgoe described the methods of analysis in use in the laboratory, and also gave details of a number of cases which he has prosecuted and which proved very interesting. He also paid tribute to Prof. Woodman of M. I. T., who has contributed greatly to the development of modern methods of analysis.

The coming meetings are expected to prove of equal interest. It is expected to secure Dean Albers of Boston University to speak on the legal side of a chemist's work, and later in the year A. D. Little of the A. D. Little Co. and Prof. Whittaker of Columbia University are to talk on their peculiar lines of work.

T. C. A. SOCIABLE

Professor Derr Gives Illustrated Lecture On Norway.

Although the T. C. A. was the first organization to register for Friday night, the attendance at the sociable held in Huntington Hall last night was small.

There were present a number of men from outside who are interested in the work. President M. T. Langley spoke of the aims and prospects of the Technology Christian Association, after which several piano solos were rendered by Mr. Fearing.

The address of the evening was delivered by Prof. Derr of the Physics Department of the Institute. He related his experiences in Scandinavia. In connection with his talk, Prof. Derr showed some lantern slides of the mountains, valleys and the midnight sun. He told of the economic life of the natives and villagers, showing pictures of the Laplanders, and giving a good account of the whole cape.

One man was killed and one seriously injured at the New Technology Site yesterday. This marks the first fatality since the work was started.

TECH DEFEATS TUFTS IN HARD FOUGHT GAME

MacLeod Stars For Tech—Game Decides Future Of Hockey At Tufts.

Tech started on its winning streak last night by defeating Tufts 4 to 2 in a hard fought game. It was a kind of game that keeps spectators constantly on their feet. The intense excitement was due to the fact that hockey at Tufts depended entirely on the outcome of this, their first game, and consequently they played their limit. But Tech was not backward in accepting their challenge.

The first period started off fast, but neither side could get in much team work. The puck was carried back and forth mainly by independent rushing for the first ten minutes with several scrimmages before both team's goals. Then Captain MacLeod scored in a mix-up in front of Tuft's goal. This closed the period in the scoring line, but Gaudet, Tuft's mainstay, made a few gallant rushes which were of no avail.

The second period started more exciting. The Tuft's seven started in and scored their first goal in three minutes of play. Whittaker shooting it, following a pretty exhibition of passing by his team-mates. After a couple of rushes Tech retaliated. Storke making the second score a minute later on a scrimmage. At this interval Captain MacLeod put in Hill at goal in place of Lowengard. A few minutes later Winton was seized with a cramp and had to be helped off the ice, Toye being put in his place at center. At the same time Tufts sent in Gallagher in Kelly's position at left wing. Just before the

(Continued on page 4)

FRESHMAN BASKETBALL

Season Tickets For One Dollar—First Game Tonight.

Season tickets for the Freshman Basketball series are now on sale, and may be procured from any member of the team for one dollar. These tickets are good for a total of sixteen games, to be played at the Gym on Garrison street. No restrictions whatever are placed upon these books, more than one ticket from a single book will be honored at the door. By reducing the price to the lowest possible figure the management has been able to give these tickets at a little less than seven cents a game.

The first home game will be played against the Sophomores, and at this game several novel features will be introduced. Ladies accompanied by escorts are to be admitted free, and a special section of the grandstand will be reserved for them. Girls from the Sargent School will attend the first game in a body.

This evening at eight o'clock, the first and second teams will play the teams of Malden Y. M. C. A. at Malden.

SCRUB MEET AT GYM THIS AFTERNOON

Every Man On Squad Must Take Part—Handicaps In All The Events.

Promptly at 3 o'clock this afternoon at the Gym the first scrub meet of the year will take place. All men who are taking the regular track practice are requested to take part in this meet as well as the Freshmen who are substituting track for Gym. The meet should be of special interest because it is the first opportunity Coach Kanaly has of obtaining any idea of how his men are developing.

The list of events is as follows: 4-lap run, 8-lap run, 15-lap run, 30-yard dash, 35-yard hurdles (consisting of two hurdles), high jump, pole vault, and 15-pound shot put.

Besides these handicapped events a relay race will end the meet. All the men will be divided into two relay teams. These teams always afford much excitement and merriment, being generally pretty well balanced.

SUGGESTIONS RECEIVED

Students Consulting Engineers For New Technology.

Departing from customs in the colleges of the country, the Institute is organizing the students into bands of consulting engineers. The Institute has requested its students to hand in suggestions that might be of help in determining the construction of New Technology. In this line, Prof. Dewey, head of the Economics Department, at a recent meeting of the class, asked for suggestions on seating arrangements of the school rooms.

The results of the inquiry were as amusing as instructive. All manners of answers were turned in, some serious enough to attract attention, some ingenious enough to demand consideration, and some ridiculous enough to provoke laughter. One suggestion pictured a student seated in a big morris chair, with a convenient electric light projected over his head, and his feet propped up on pillows. A waiter was shown bringing in a tray of refreshments to the hard working student.

JUNIOR DINNER

The Junior Class will hold the annual dinner in the Union this evening at 6.00. The committee in charge have arranged a very interesting program, including addresses by Professors Bates and Miller.

CALENDAR

Saturday, December 13, 1913.

3.00—Scrub Meet.
4.00—Junior Prom. Nom. Due at Cage.
6.00—Junior Class Banquet.
8.00—Tech vs. Beverly Y. M. C. A.

JUNIOR DINNER 6 O'CLOCK

THE TECH

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SATURDAY, DECEMBER 13, 1913.

In Charge of This Issue

Editors—K. D. Kahn, B. N. Stimets.
Associates—E. A. Keaeting, J. R. Spalding.

Dues

The bulletin board erected in the Union for the publication of the names of men who have and who have not paid their class dues has been ready for a long time, and only one class treasurer has posted his lists. Are the others afraid of becoming unpopular among the non-payers? This board is the best idea yet for combating one of our most common nuisances, the class bum. We hope the treasurers will do their duty, since the board is not a great success as a pure ornament.

We do not know just what the hockey management has under its hat, but we trust that some sort of demonstration will be arranged to stir enthusiasm before the Harvard game. Our victory over Tufts last night proves the calibre of the team when matched against men of approximately its own amount of experience, and that it is worthy of all the support we can give it.

Just what manner of demonstration would bring best results is a question. The mass meeting in Huntington Hall two years ago was an immense success, and brought out a strong crowd to the game. A parade from the Union to the Arena might be still better, or perhaps some such arrangement as the Seniors had on Field Day might be effected, so that by payment of a small sum by each of a large number of men, a band could be hired. Tech

COLLEGE NEWS

The Christmas vacations of several of the large eastern colleges are about the same this year, the average length of time being 16 days. Yale and Syracuse have the longest, each getting 18 days. The exact figures are: Columbia, 14; Cornell, 16; Harvard, 15; Pennsylvania, 16; Princeton, 16; Syracuse, 18; and Yale, 18.

It has been computed that at Brown 71.5 per cent of the student body are fraternity members. Last year the figures were only 68 per cent. The percentage by classes in 1912 were: Senior, 69.5 per cent; Junior, 77.5 per cent; Sophomore, 66 per cent; and Freshman, 62.1 per cent. This year they are: Senior, 86.3 per cent; Junior, 78.8 per cent; Sophomore, 66.7 per cent; and Freshman, 69.9 per cent.

The Undergraduate Chapel Committee at Penn has decided to inaugurate a new Chapel schedule with the idea of arousing interest in the daily services and fostering a closer class spirit. Each class will have one day a week set aside as its special Chapel morning. On that day every member of the respective classes will be expected to be present. Friday will be reserved for a general convocation of the student body.

Now that the students of St. Lawrence University have fully established the Honor Code with its Honor Court to try offenders against the Code, they are trying their best to revise the whole system. Their principal objection is what is called the "squealing clause," which read, "Any student or group of students, or any member of the Faculty, may voluntarily report to the Honor Court any violation of this constitution.

NAVAL ARCHITECTS MEET

A. L. Todt '14 Elected Vice-President Yesterday.

The Naval Architectural Society held a meeting in Room 8 Engineering C yesterday afternoon. Mr. A. L. Todt '14 was elected vice-president to fill the vacancy caused by the election of Mr. H. K. Chow as President.

The report of the Committee on Speakers was read and accepted. Mr. Todt was appointed as a committee to arrange for the time and place of future meetings. In view of the small number of men at the meeting no action was taken on the matter of the Society's representation in Technique 1915.

WEATHER

For Boston and vicinity: Fair and warmer today; moderate to brisk westerly winds.

must be well organized, both on the ice and at the side lines, to meet the Crimson Wednesday next.

Good Dividends

The business-like spirit evinced by the Freshmen in organizing their basketball team, and by the Advisory Council in subsidizing the wrestling team, has produced results which fully justify the expenditure. Too many sports are allowed to struggle along without help until they are able to place themselves on a firm basis. The announcement some time ago of the sale of season tickets for the wrestling meets, and the publication this morning of the terms on which it will be possible to see the Freshman games, are ample proof that aid and encouragement pay big dividends.

POST-SEASON GAME ON TECH GRIDIRON

Chi Phi And Sigma Chi To Fight For Honors In Big Game Saturday.

The big football game scheduled for Saturday at Tech Field bids well towards surpassing the famous Harvard-Yale in playing, enthusiasm and rivalry. This post-season game has been the result of the firm belief of the Chi Phi men that they can put one over on the Sigma Chi's and the Sigma Chi's belief that they can trounce the Chi Phi's. Rivalry is assuming alarming proportions and disastrous results may ensue if it grows to a greater extent.

The Sigma Chi's are laying for "Cy" Guething, who is to play left end against their man Kelly. The husky wrestler intends to box little "Cy" and has him worried. Guething's fear is that Kelly will try some of his wrestling holds when the referee is not looking. Kelly is afraid to let Guething get away from him as he has doubts of catching him again if he does. Jewett will play in the backfield with Roper as quarter while Tom Guething will make the other end of the Chi Phi team. The men on both teams have played in either intercollegiate games or in interclass college games.

All the men that are not going to play are going to be out at the Field in full force and are going to "fuss." The game will probably be awarded to the team that turns out the biggest number of "fussers." The game is open to any men in the Institute who care to go out and is free of charge to all.

JUNIOR PROM. COM.

All nominations for the members of the Junior Prom. Committee must be in at the Cage by four o'clock today. The papers must be signed by ten men. The elections will be held next week so as to be finished before the Christmas recess.

WALKER CLUB MEETING

The Walker Club held a sort business meeting and smoker Thursday night at the Technology Club. The seven new members of the Club were present. Light refreshments were served. The features of the evening was the opening of a large Christmas pudding.

WANTED—A few young men, interested in Bible study to join a class, which meets Sundays. Experienced man teacher. No charge. Address: F. B. G., care THE TECH.

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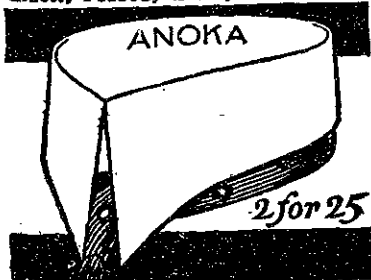
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CHAUNCY HALL CLUB HOLDS PLEASANT SMOKER

Very Auspicious Occasion Enjoyed By Alumni Of Prep. School.

When President A. V. A. Swift of the Chauncy Hall Club called the meeting to order last evening at 8.30 in the Union, a goodly number of enthusiastic alumni of the school were present to greet Mr. Kurt, the Principal of the institution, and two of his able assistants, Messrs. Hartmann and Farnsworth, besides a few of the students of the school.

A short business meeting preceded the smoker, at which it was definitely decided that the club should put an insert in this year's Technique, provided that the necessary payment was first secured, the club wishing to avoid the possibility of incurring debt.

After some little discussion the idea was adopted that in the future officers shall be selected in the same manner as class officers are now selected at the Institute, that is, ballots are to be obtained at the Cage, filled out by them and then turned over to the committee in charge of the elections. In this way the organization hopes to secure the best expression possible of the desires of its members.

Mr. Kurt's suggestion that a small steamer be chartered some day in the spring to transport the club to some place down the bay where a clambake and general good time could be enjoyed, was almost unanimously accepted. The president was deputed to select a committee of three to look into this matter.

After the business affairs were disposed of, Messrs. Kurt, Hartmann and Farnsworth were called upon to speak. All three delivered very interesting short talks relative to the objects and value of such an organization as the Chauncy Hall Club.

Sandwiches, pretzels and cider were then served, and the meeting was concluded by the singing of a number of Tech songs, in which all heartily joined.

PROF SEDGWICK SPEAKS

Discusses Public Health Movements In This Country.

Professor William T. Sedgwick of the Institute spoke Thursday at the meeting of the Association of Life Insurance Presidents of America which was held at New York. His subject was, "The Public Health Movement in America Today and Tomorrow."

Professor Sedgwick is now in Washington attending a meeting of the Advisory Board of the Hygienic Laboratory of the United States Department of Public Health to which he was appointed a member by Ex-President Taft.

SOPH BASKETBALL

Competition For All Positions Keen —Line-up Published.

This year's Sophomore basketball team is even better than last year's team in Captain Dewson's opinion. Miller at left guard and Jimmy Merritt on the forward line are showing up especially well. Jack De Merritt, who was a regular center for the Tufts Sophomores last year, and Captain Dewson are both contending for center position with the odds about even.

The present line-up is:

James Merritt, left forward.

Ziner, Reycroft, right forward.

Dewson, Jack De Merritt, center.

Miller, left guard.

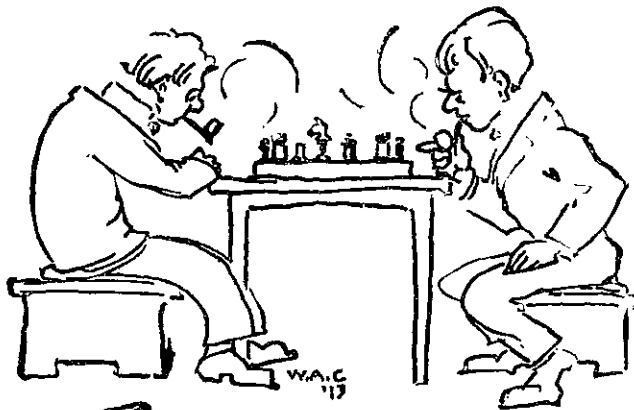
Wilde, Hauman, right guard.

Substitutes—Lewis, sub-forward;

Lenchan, sub-guard.

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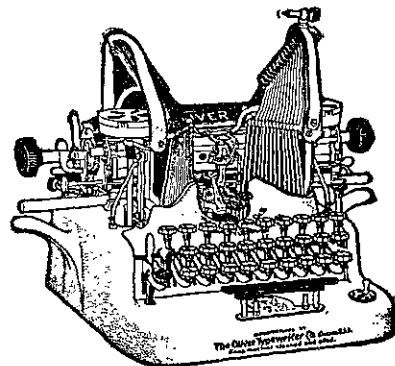
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TECH WRESTLES BEVERLY Y. M. C. A. TONIGHT

Train Leaves 7.10 From North Station—Close Match Expected.

Tonight the Tech Wrestling Team will meet the Beverly Y. M. C. A. Team at Beverly. Last year Tech defeated Beverly by a score of 7 to 2, but the meet was by no means an easy one as all the matches were long and very close. For this reason it is hard to prophesy the outcome tomorrow, although the team feels confident of a victory.

Unfortunately the team has been handicapped by Treat's injured rib. This has kept him out of practice for the past week. He will probably compete tonight. As Beverly has no men entered in the 115 and 158 pound classes, Loo, who was formerly in the 115-pound class will wrestle in the 125-pound class. According to Captain Kelly, Loo ought to be able to overcome this disadvantage and win his match.

The team will leave for Beverly on the 7.10 train from the North Station. Manager Smythe-Martin would like as many men go up to Beverly with the team so as to give them plenty of encouragement.

The following men will make the trip.

- 115-pound class, —
- 125-pound class—Means, Loo.
- 135-pound class—Durkee, Smythe-Martin, and Captain Kelly.
- 145-pound class—Treat, Morse.
- 158-pound class—
- Heavyweight Class—Leslie, Crowell.

ARREST MADE

Last evening at six o'clock a suspicious looking man was found loitering in the corridor near the check room of Engineering Building C. Waiters in the Union dining room have reported a man hanging around considerably, especially in the court back of the buildings; and two of the waiters were recently held up near here. Authorities believe that this man is responsible for the trouble that has been caused. He was taken to Department Sixteen Police Station.

TECH DEFEATS TUFTS

(Continued from page 1)
end of this period Winton and Lowengard were back in their old places for Tech and Kelly for Tufts.

The last period opened with a rush. Tufts was determined to even up and Tech was equally determined to keep their advantage. Tech got in some of its fine team play and would have scored several times but for the good work of Adelson, Tufts' goal. However, Winton got one by him on a long side shot.

During the next ten minutes the best hockey of the evening was played MacLeod, Fletcher and Winton were whirlwinds. Whittaker of Tufts made the Tech supporters hold their breath more than once. Winton was penalized two minutes for loafing off-side; but his six team-mates were able to hold off their opponents until he got back into the game again. Immediately after his return, MacLeod brought the puck down the ice and his pass to Winton resulted in Tech's last goal. Tufts scored for the last time on a lone rush. Good goal tending by Lowengard prevented further scoring.

The line-up:—
Tufts Tech
Kelly (capt.), lw lw, Storke
Laurie, c c, Winton

CIVIL ENGINEERS VISIT INSTRUMENT, FACTORY

Trip To Berger's Factory Proves Very Instructive—Few Men Go.

Members of the Civil Engineering Society took a very instructive trip through the factory of C. L. Berger and Sons in Roxbury. About twenty-five men took the trip in two parties.

M. H. L. Berger, junior member of the firm, showed the men through the factory. They were first shown samples of all the different types of transits and levels the firm is now making, among them the large levels for the U. S. Government. These instruments were all explained in detail. The complete instruments from castings to tripod legs are made at this factory. An item of special interest to the students was the manufacture of the dividing engines which mark off horizontal and vertical scales. The testing room also proved to be of much interest. The room is comparatively small, but by siting through telescopes, the instruments are adjusted and set. The great importance of true centering of all the parts was impressed upon the student engineers, and it was shown how the inaccuracy of a single part often made the complete instrument worthless.

About eighty-five men are employed in the factory, and the output is fifteen instruments a week. The total number of machines put out was brought up to ten thousand today, and a little celebration of the event was held. The visitors listened to a talk delivered by Mr. C. L. Berger, head of the firm, to the men. The manufacturers had expected more men to take advantage of the good opportunity to get acquainted with the details of the construction of their professional instruments.

ELECTRICALS MAKE TRIP

See Motors for Panama Canal—Twenty-Eight Men Go.

Twenty-eight men from the Electrical Engineering Department of the Institute went on the inspection trip to the River Works of the General Electric Company at Lynn, Mass., yesterday afternoon. The party arrived at 2.30 and were through at 5 P. M. The management furnished three guides, who took the students through the entire plant.

The Turbine room was first visited, and here the large Turbine-Generators were seen. The plant power department, which was next visited, was an exceptionally complete equipment. From the power department the men were taken to the apprentice department, which comprises the school of the company. The graduates of outside schools are given their first work in here. The arc-light and transformer departments were then visited. The motor department offered much interesting material.

Among the specialties shown were the large direct-current enclosed motors for the Panama canal. In order to make these motors serviceable at the Canal the windings are made waterproof.

Whittaker, r, MacLeod (capt.)
Gately, rw rw, Fletcher
Gaudet, cp cp, Gould
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