CHEMICAL SOCIETY HOLDS FIRST MEETING

Dr. W. R. Whitney 'go Gives Talk On Industrial Efficiency —Two Trips Announced.

The Chemical Society's first meeting of the year was held in the Union last Friday evening in conjunction with the Boylston Chemical Club of Harvard. The speaker of the evening was Dr. W. R. Whitney, Technology '98, former professor of Theoretical Chemistry at the Institute and for many years associated with Dr. Noyes in the early years of the research laboratory of Physical Chemistry here. He is founder and director of the research laboratory at the General Electric Company's plant at Schenectady. Dr. Whitney is ex-president of the American Chemical Society and also of the American Electro-chemical Society, and is now a member of the recently established Naval Advisory Board, representing the American Chemical Society.

Dr. Whitney quoted the words of the prophet of old: "And your young men shall see visions and your old men shall dream dreams." He said: "One could preach a sermon on that text and talk chemistry all the time. No matter what the prophet had in mind, he had a keen eye. Old men dream dreams and young men do see visions. It's a good scheme. My experience teaches me that knowledge, cut and dried and packed away in blocks, labeled, mislabeled and un-

(Continued on Page Three)

GLEE CLUB CONCERT

Well Received At Wakefield Last Thursday Evening.

The Glee Club held its first concert in Wakefield last Thursday evening where they assisted at a bazaar and entertainment under the auspices of the Harmony Chapter of the Eastern Star Lodge. The club sang Potee's "Bedouin Song," and Buliard's "Winter Song" with much spirit, their efforts meeting with much favorable comment. As encore they used "Kentucky Babe" by Gielieb and a medley of ragtime arranged by I. B. MacDade '26. E. H. Raymond '17 made his debut as soloist with the clubs. His rendition of the "Invictus" by Brunish was exceptionally well received.

ADVISORS DINNER

The T. C. A. advisors' dinner was held last Friday evening, thirty men being in attendance. The speakers were Dean Burton, Mr. W. M. Snow '93, Professor Allen and Smith, who is taking an important part in the development of undergraduate activities across the river.

EMINENT SCULPTOR LECTURES ARCHITECTS

Mr. Hugh Cairns Illustrates His Address by Actual Work Upon Clay.

The second of the seven scheduled lectures of the Architectural Society was held last Friday evening in the studio. After a few opening remarks, President Brepho introduced the speaker of the evening, the sculptor, Mr. Hugh Cairns. Some of the work of Mr. Cairns in Boston is the statuary on Trinity Church, the State House, the St. Vernon Church, Eastern Star Lodge, the New England Conservatory and the Fine Art Museum.

The talk was illustrated by actual modeling. Mr. Cairns first explained the modeling board and the first principles of his art. He worked various designs, explaining as he modeled that, unlike the woodcarver, who cuts out his shadows, a sculptor must build his high-lights to cast their shadows. He said that while his work was rough, it would give the student an idea of what could easily be accomplished by correctly placing the simple highlights. This he illustrated by modeling several designs.

The audience highly appreciated the clever anecdotes with which Mr. Cairns, who is a close friend of Harry Lauter, interspersed his talk. He invited the Society to his studio where he could demonstrate the making of casts to better advantage.

(Continued on Page Three)

MUSICAL CLUBS CONCERT

Program To Be Given At Franklin Square House.

The combined Musical Club will give their first concert of the year at the Franklin Square House tomorrow night at 8:15 o'clock. The program is a good one and will consist of the following selections: Skipper Susie Green, Serenade and Jubilee Rag by the Mandolin Club; Popular Medley and Dat Yarn Rag, by the Banjo Club; Winter Song, The Cat With A Baritone Voice, and the Berry Song by the Glee Club. There will also be a solo and a reading, the concert closing with the Cardinal and the Greyhound by the combined clubs. A dance will follow the concert.

The men are requested to be at the Franklin Square House promptly at 7:45 o'clock. For the benefit of those who do not know how to get there one of the club members will be in the Union at 7:50 o'clock to conduct the men to the place.

SHOW CANDIDATES

All candidates for Assistant Publicity Manager will meet Publicity Manager R. S. Stevens this afternoon at 5:00 o'clock in the Show office.

BROWN OF TECHNOLOGY CROSS COUNTRY WINNER

Institute Team Gets Third In New England Meet—Maine Is The Winner.

Although Captain R. G. Brown of Technology was the first to cross the tape in the fourth annual New England Intercolligate Cross Country run last Saturday at Franklin Park, his team mates were not able to fit-

DECEMBER MONTHLY OUT TOMORROW

Cartoons And Articles On The Tech Show And Wrestling.

Critics say that the Tech Monthly turns out as fine as college magazines. If you are an engineer or intend to be one some day do not fail to read the Technology Monthly and Harvard Engineering Journal, the December issue of which will appear tomorrow. This issue is full of things attractive to technical men. "The Development of the Tech Show" by Charles R. Lord, General Manager of "Getting A-Cross," last year's Show, is full of enthusiasm and will be especially attractive after the dinner and exhibition of last Thursday evening. As its title suggests, it tells how the Show was evolved. G. H. Little, '16, manager of the wrestling team, has an article, "Why is the Wrestling Squad," in the Technology Monthly. This article is illustrated by some unique photographs of the squad in action. It tells what you can get out of wrestling.

Do you know how many gold out west under present-day conditions? Then read the article of Charles Livermore '03, "Mining in Northern Ontario," in the December issue of the Monthly.

(Continued on Page Six)

C. E. SOCIETY

Mr. Curtis To Speak On Engineering Prospects.

Tomorrow, at 7:45 o'clock, Mr. E. L. Curtiss of the Massachusetts Civil Service Commission will address the Civil Engineering Society on "The Engineering Aspects of Civil Service." This talk is of special interest at the present time because of the large number of Institute men who are considering taking the New York State Civil Service examinations which will be held on December 11th in New York.

FRESHMAN NOMINATIONS

A correct list of all the 1919 nominations will be printed in Wednesday's issue of The Tech. It is not available for this issue.

CALENDAR

Monday, November 15, 1915.

5.00—Candidates for Show Publicity Department. Show Office.

5.00—Candidates for Assistant Manager Wrestling Team. Gym.

Tuesday, November 16, 1915.

THE TECH

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THE UNION FILES.

At the beginning of the year men were asked to hand in two schedule cards with the rest of their registration material. One of these cards was for the use of the Registrar, the other was to be placed at the service of the student body. Up to this year a complete set has always been kept at the Cage where anyone who has been found guilty of a fine of fifty cents on each activity whose treasurer is in our books.

The offence of the fourteen men who absented themselves from the Finance Committee meeting last Thursday deserves the immediate attention of the Institute Committee. The Finance Committee was organized for the purpose of preventing any of the student activities from incurring debts at the end of the scholastic year through the mismanagement of incompetent treasurers. The reading of a statement of the financial condition of an activity is not the important feature of these meetings; following the reading of the statement there is a general discussion of ways and means for bettering the finances of that organization, and it is this function which absolutely requires the attendance of a representative of the activity, preferably the treasurer. The levying of a fine is perhaps the least effective means of getting results from officers who are either unwilling or incompetent to discharge their duties, but we sincerely hope that it will not be found necessary to take more drastic measures to recall the offenders to a sense of the responsibilities which have been entrusted to them.

THE UNIVERSE FILES.

Second Meeting of Finance Committee

Lawrence Chosen Secretary—Delinquent Activities To Be Fined.

At the second meeting of the Finance Committee only twelve out of the twenty-six activities were represented. The absentees were D. G. McClellan, Agricultural Society; F. L. Butterworth, Architectural Engineering Society; H. B. Gardner, Class of 1917; E. F. Brooks, Class of 1918; J. W. Barker, Electrical Engineering Society; W. B. Ross, Chemical Society; W. Harrington, Institute Committe; K. Dean, M. I. T. A. A.; D. McIen, Mining Engineering Society; E. M. Woodward, Musical Clubs; C. H. M. Roberts, Officers Club; H. P. Eddy, Jr., Tech Show, and P. B. Haste, T. C. A. No reports were received from the Architectural Society, Architectural Engineering Society, Cosmopolitan Club, Electrical Engineering Society, Chemical Society, Officers Club, Tech Show, Riffe Club or the T. C. A.

Mr. Lawrence was elected permanent secretary. The most important transaction was a recommendation made to the Institute Committee to impose hereafter a fine of fifty cents on each activity whose treasurer is delinquent.

WRESTLING TEAM

All interested in the competition for assistant manager of the wrestling team are asked to see Manager Stebbins at the Gym between 5:00 and 5:30 on afternoons of this week.

TECHNOLOGY ORCHESTRA

The next meeting of the Technology orchestra will be held in the Union next Wednesday at 4:00 o'clock. Mr. Howard, who has directed the Show music in past years, has promised to be on hand. In all probability he will coach the Show music this year although no definite arrangements have as yet been made.

The union files.
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**The Chemical Society**

(Continued from Page One)

Chemical Society, as explained on Page One, labeled, is much easier to acquire than the power of having visions. I do not mean to confine my criticism of our inability to "visionize" to chemists nor to men of any one school, but to us as a race. It is true, though, that if we could see our defects in this respect we in a school, making a business of training ourselves, ought to be best fitted to correct this defect.

"It is against fear, hesitancy, too cold logic that I want to warn you, because, as men with the best training available in this country, you are still likely to be least reckles with your visions.

"There is one more point to which I also want to briefly, but pointedly, refer. It relates to our national preparedness for defence. You are living in practically the only country not now involved in the most costly war in materials that this world has ever seen. You are part owners of an uninsured dwelling, with defective wiring in the garret, a wooden ash barrel alongside the furnace and a leaky gas main in the cellar. No sane American wants war—at least, war in America. Let us be so prepared that we may at will thoroughly defend ourselves, or may, after being prepared for adequate defence, give the keys of our cities and government to some armed applicant in order to insure the peace we want if we wish to. In pursuing the preparations for defence, we would be holding in our hands the question of choice, which is lost to us if we are negligent. There are prominent people who want peace at any price. This is the incomprehensible fact. I hope most Americans are going to prove much less supine."

At the close of the talk President Wilson rose to announce that the next meeting would be the "War Meeting" which was postponed from October 29 on account of the invitation received from the Engineers' Club of Boston to hear Professor Huchler. The date was set for Friday, December 3rd.

R. A. Miller, chairman of the trip committee, then announced that two trips to the Watertown Arsenal had been arranged for Friday, November 19th, and for a week later, November 26th. The party will start from Copley square at 1.15 o'clock. Any members of the Chemical Society who were not present and who desire to go on the trip should see Miller in the Union any afternoon between 1:00 and 2:00 o'clock.

**Architects Smoker**

(Continued from Page One)

Before refreshments were served President Brophy announced that the Harvard Architectural Society has challenged the society here to a football game to be played before Thanksgiving.

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HARVARD-YALE GAME

The tickets for the Harvard-Yale game will be distributed this week, beginning this morning. All students who have applied for tickets may obtain them at the H. A. A. office in Cambridge any time before Friday evening at 6 o'clock. Mr. Moore, the treasurer of the association, stated that none of the applications had been refused. Those applying for single seats have been given seats in the cheering section. The Harvard management is desirous that the cheering be good, and those Technology students who receive single seats are invited to the mass meeting Wednesday night in the Harvard Union.

FACULTY NOTICE

Fourth Year—The first exercise in Theoretical Hydraulics for Course XIII will be held on Monday, November 22, in Room 47, Eng. A.

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CROSS COUNTRY RUN
(Continued from Page One)

second with 69 and Technology third with 98 points. The scores of the other entries were: Brown 101, M. A. C. 125, Worcester Polytechnic 130, Williams 153, and Bates 154. Captain Brown ran a steady race throughout and had little difficulty in winning the run. His time was 28m. 48 1/5s.

Maine was the favorite before the run, although Dartmouth and Technology were admitted dangerous competitors. The University team was the same which won last year's meet with the exception of Wunderlich, who, however, finished seventh in this year's run.

Although a stiff breeze was blowing, the day was ideal for a race and there were hundreds of spectators along the course and at the finish.

At the start, C. T. Guething of Technology took the lead and held it for nearly a mile. Brown started slowly and did not come near the front until the end of the first mile. After two miles had been covered, Lane of Bates was leading, followed by Richards of M. A. C., Sherburne of Dartmouth, Bell of Maine, Brown of M. I. T., Wunderlich of Maine, and Tucker of Dartmouth in order. The entire squad was well bunched at this stage and there were few trailers. Brown was taking it easy and evidently saving himself for the finish.

In the third mile the field began to string out, Lane was still leading, with Bell and Brown close behind. Bell took a spur at the golf links and went into the lead but was soon afterwards passed by Brown. At this time Tucker of Dartmouth was running fourth while Aiken, the M. A. C. star had pushed into fifth place. The next five men were Richards of M. A. C., Wunderlich of Maine, Sherburne of Dartmouth, and Dempsey and Preti of Maine. the rest of the line was well strung out.

Brown trailed Bell for the first few miles of the last mile and then started his fight for the lead. There was a neck and neck contest for about a hundred yards but Brown was too strong for his opponent and gradually opened up a lead which he maintained to the end. Bell who had run himself out was passing by Aiken about five hundred yards from the finish and was forced to be content with third place. Tucker and Lane took fourth and fifth with about twenty yards between them. Wunderlich, Dempsey and Preti, all of Maine were the next to score and it looked like a sure thing for the Pine Tree boys but Dartmouth gave them a scare by finishing all her scorers before the fifth Maine man hove in sight. Hysom of Maine, however, finished thirty-second, which gave his team enough of a margin.

The team scores are as follows:

Brown ........ 11
M. A. C. ..... 2
W. P. I ....... 10
Williams ..... 15
Bates ....... 5

The Technology team finished as follows: 1, R. G. Parker; 22, C. T. Guething; 24, M. G. Graff; 31, H. P. Gray.

The times of the first ten men:

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CROSS COUNTRY RUN
(Continued from Page Five)
R. G. Brown (28.45-7), Aiken, M.
A. C. (39.17), Bell, Maine (29.25-1-5).
Dempsey, Maine (29.53), Wunderlich, Maine (29.51),
Baites (29.37), Richards, M. A.
Thicker, Dartmouth (29.31), Lane,
rent events at Technology,-incidents
nected with general engineering.
appear in the Monthly tomorrow.
those photographs of field day that
alone.
worth buying for these cartoons
Zelm. The December Monthly is
brought out by the cartoons of van
of student and faculty life will be
(Continued from Page One)

MEN WHO MADE GLEE
CLUB ANNOUNCED

Those Chosen Will Compose Club Until Mid-
Year.

The Glee Club management has
finally decided on the men who will
compose the club until the mid-year
trip. The leader wishes it under-
stood that the successful candidates
that the list is subject to modifica-
trip. The leader wishes it under-
stood by the successful candidates.

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