

## INSTITUTE LIBRARIES ASSEMBLED AND OPEN

Collection of 130,000 Volumes at  
the Disposal of Students in  
Central Library and Fourteen  
Departmental Libraries

VALUED AT HALF MILLION

The Institute Libraries represent a collection which consists of about one hundred and thirty thousand volumes, valued at half a million dollars. The collection on Applied Science is second to none in the United States.

The books, periodicals, pamphlets and maps belonging to the Institute are arranged in a Central Library and fourteen Departmental Libraries. These libraries are open to all members of the Institute, but certain restrictions are placed on the borrowing of books for home use. These vary somewhat in the different libraries.

The Central Library on the fifth floor is open on week days from 9 A. M. to 10 P. M., closing at 1 P. M. on Saturdays, and is closed all day on Sundays and holidays. In this library may be found books on English Literature, Biography, Travel, European History and other subjects; the books on the list of Required Summer Reading; treatises on military science and educational subjects, dictionaries, encyclopedias and other works of reference, general periodicals, reports, transactions of learned societies and the like. The card catalogue comprises in one alphabet a complete list of the books in all of the libraries of the Institute. There is also a shelf collection in the rotunda of the Central Library comprised of books on history of science, short stories, chemical and biological references, Catholic encyclopedia, and the T. C. A. Library. The office of the

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## MINING SOCIETY LECTURE

Everyday Life of Miners to be Described

Tomorrow evening at 8 o'clock, Mr. Frank J. Milman of Newark, N. J., will deliver the lecture, "A Mile Under Earth," in Room 4-231. The underground views, depicted by stereopticon, presents the miner at work thousands of feet under the earth's surface, and all the detailed incidents which he may experience in the course of his day's toil. The "First Aid" views and views showing the rescue of injured men will be projected. The scenes were taken under the most difficult conditions.

The lecture contains over one hundred and twenty-five slides, showing the complete method and process of the mining anthracite coal. They show the miner actually at work in the chamber, and incidents in his daily life will be described. Realistic views of the mine mule and how he lives in the mine, including his home and habits will be treated. Old and modern methods of supplying light will be set forth. How to dispose of the vast amount of water in the mines will be described. The supplying and regulation of air, and mine fires, and how they are extinguished will be portrayed. Remarkable cave scenes, preparation of coal in the coal breaker for market, showing the details of the breaker and the breaker boys at work will all be set forth.

## OPEN NIGHTS AND SUNDAYS

A plan has been put into effect by Superintendent of Buildings Smith which makes it possible to enter Institute buildings at any time by means of a printed pass form which may be had upon request to professors and officials.

A watchman is stationed at 69 Massachusetts avenue, through which entrance the Institute is always open to those possessing a proper pass.

The object of keeping the Institute open at all times is to enable students to complete work on which there has been delay in regular hours, and for the convenience of visitors.

## CORPORATION XV HIKE

James B. Connolly, Author, to Accompany Hikers

Arrangements have been completed for the Corporation XV hike. Members are to meet on the steps of Building 2 at 3 o'clock Saturday, Dec. 16. The journey consists of a four mile hike through The Fellsway to a log cabin outside of Malden. Supper will be ready when the party arrives but not entirely because plans have been made so that individual effort will be necessary before sufficient repast is assured.

By special inducement Mr. James B. Connolly has been prevailed upon to join the hikers. The latter part of his life has been devoted to writing and his sea stories stand without a peer in the opinions of many critics. In addition Mr. Connolly is considered one of the best story tellers in the country. All Seniors and Juniors are invited.

## TO TALK ON FIELD SERVICE

Mr. Buswell Will Lecture on Experiences in France

On Wednesday afternoon, Dec. 13, at 4 o'clock, in Room 10-250, Mr. Leslie Buswell will give an illustrated talk on the American Field Service in France. Mr. Buswell has just returned from France, where he has seen active service driving an ambulance car at the front. While there he was fortunate in securing a large number of photographs especially valuable at this time due to the fact that the strict censorship recently established by the French authorities prevents any further taking of pictures by men in service. Slides have been made of the pictures and they will be shown and described by Mr. Buswell in his talk on Wednesday.

Notwithstanding the nervous strain to which he has been subjected, he is able to present the work of the American Ambulance Field Service in such a striking and vivid manner that at Pilgrim Hall, where he spoke on Tuesday, Dec. 5, Mr. Buswell was accorded an ovation.

Forty-eight universities and colleges in this country are represented in the American Ambulance Field Service. Technology stands eighth in the list with a representation of seven men, many of whom are known personally to the undergraduates. They are: John E. Cunningham, Enos Curtin, Oscar A. Iasigi, Terence R. Johnston, G. W. Phillips, Kimberly Stuart, Selden Senter.

Besides the above seven men the following Technology men will sail for France this month to enter the service: Joris MacD. White, Henry S. Hadley, Harold B. Morrill.

## STUDENT NIGHT

Opportunity to Hear Billy Sunday Again.

For the reason that many of the students were unable to procure tickets to hear the evangelist, Billy Sunday, the committee in charge of the Sunday Campaign has arranged for another student night to be held on Friday evening, December 15.

Nearly all of the colleges in and around Boston will be represented there, and each school will have an opportunity to give some of their cheers and yells.

The T. C. A. will receive fifteen hundred tickets on Wednesday, December 13, which may be procured on application at their office.

## OFFICERS' CLUB DEFERRED

The organization of officers of the M. I. T. Regiment into a club this year has been deferred because an affiliation with Scabbard and Blade, a national club composed of officers' clubs from the cadet corps of all the different colleges in the United States having military departments, is pending. It was thought better not to take any steps towards organizing a club this year until it was definitely settled as to whether Scabbard and Blade would take Technology in. The Cornell club proposed our name last year and some kind of an answer should be forthcoming in the near future.

## WINTER CONCERT

Tickets on Sale in Lobby Daily Until Thursday

The combined Glee, Banjo and Mandolin Clubs will give their annual Winter Concert and Dance on Thursday evening, December 14, in the ballroom of the Hotel Somerset. A varied program has been arranged and is expected to satisfy the most discriminating of audiences.

The concert will be over about 10 o'clock, and the dancing will last from that time until 2 o'clock. Lowe's orchestra has been engaged for the dance. This was the orchestra which played at the Spring Concert last year and whose music proved to be so popular. It will be supplemented by an orchestra of banjos.

The management of the winter concert requests all those who wish to secure their ticket reservations to report at the musical clubs' office in the basement of Building 1 on Tuesday at 4 o'clock.

Tickets and preliminary dance orders can now be obtained in the Lobby of Building 10 every day from 1 o'clock until 2. A large number of tickets have already been sold, and many of the alumni and members of the Faculty have reserved seats for this year's concert, a thing which has not been done in previous seasons. As in former years the price of tickets for the Winter Concert will be two dollars.

The Concert will start at 8 o'clock, but will be over early enough to have a rather long dance program.

Both the Winter and the Spring Concerts of the Musical Clubs have been given for a number of years in Copley Hall on Clarendon Street. It has been felt for some years that this hall was not suitable for the occasion; but the support given by the undergraduates was not such as to warrant the great additional expense which would be incurred by holding the affair in one of the hotels.

## PRESIDENT SPEAKS TO SCIENTISTS

John Fritz Prize Presented to Professor Elihu Thompson

Many prominent scientists were present Friday evening at the meeting of the American Institute of Electrical Engineers at Technology, where the John Fritz medal, awarded for distinguished success in electrical discovery, was presented to Professor Elihu Thompson.

President MacLaurin of the Institute spoke in high praise of Professor Thompson's attainments, and congratulated the board of award in having found a man worthy to be placed beside the greatest whose names have already given distinction to their selections, such as Bell, Edison and Kelvin.

He told of Professor Thompson's remarkable achievements in science and of his wide knowledge of the whole field covered by scientific subjects. He described his many inventions and spoke of the fact that Professor Thompson's laboratory is built into and is an integral part of his home.

In honor of the occasion, President MacLaurin had every light in the Institute turned on. The thousands of lamps showed up an enormous symmetrically-lighted wall, which was especially remarkable from the other side of the Charles River Basin, where the volume of light was doubled by the reflection from the water.

## SCIENTIFIC SOCIETY IN SMITH

For its 319th corporate meeting to-morrow evening, the Boston Scientific Society has taken Smith Hall (10-250) so that the speaker, Dr. Louis ell, may have both A. C. and D. C. currents in sufficient quantity for his illustrations. His paper is to deal with the latest wrinkles in illuminants, there will be shown lighting effects with gas mantles, recent types of incandescents and daylight effects, not ordinarily to be seen outside the laboratory.

There will be plenty of room for guests and the president, Mr. Ritchie, extends a cordial invitation to attend to Tech students who are interested.

## DORMITORY HOUSE-WARMING TURNS OUT A ROUSING SUCCESS

Fencing, Boxing, Wrestling, Music and Refreshments  
Play Leading Roles When Dormitory Celebrates

### GOOD FELLOWSHIP DOMINATES

PHOTOS BY NOTMAN ONLY  
Technique Management Shuts Out Others.

The Board of Technique 1918, has absolutely refused to receive any photographs of Seniors taken by any photographer except Notman. Some Seniors have received "special propositions" from other firms but any such work will be disregarded.

## HOCKEY PRACTICE STARTS

Field Hockey to be Practiced Pending Arena Negotiations

There will be a meeting of all hockey candidates at the track house on the athletic field at 4 o'clock to-morrow. Report prepared for field hockey practice, i. e., ordinary track outfit with shin guards. Candidates for Assistant Manager will be expected to report also with the team at the field at 4 o'clock. Until freezing weather arrives or until satisfactory arrangements with the Arena can be made, field hockey practice will be held every day from 4 till 5. The management especially desires that a sufficient amount of practice may be had before dark.

As soon as the lights which are being installed on the rink are completed, practice will be held from 5 to 6 o'clock, and "Bags" Wanamaker, who has been secured to coach, will be present.

Competition for Second Assistant Manager will start at once. Those intending to try out are to report with the team tomorrow. Members of the freshman class only are eligible.

## CAMPERS TO DINE

Professors Tyler and James to Speak at Dinner Wednesday

Those men at the Institute who are interested in camping and hiking will hold an informal dinner at Riverbank Court on Wednesday, Dec. 13 at 6 o'clock. Members of the Faculty and student body who are interested in this kind of life are invited to be present.

Professor Tyler, who has spent the majority of his winter vacations snowshoeing in the White Mountains, has consented to speak of his experiences, and will illustrate his talk with pictures of winter mountaineering. Prof. Wm. H. James, who has let but very few summers go by without taking a hike in the mountains, will speak of some of his experiences and show some slides of views taken on the trails in the White Mountains. There will also be experience talks by several students who have taken camping and fishing trips.

An added attraction will be an exhibit of camping equipment. Anyone who has camping paraphernalia, guns or fishing tackle, which he thinks is a little better than the standard article, is requested to bring it to the dinner and explain its merits.

Tickets are a dollar and a half and may be obtained at the Monthly office in Room 1-075. All men who are selling tickets are to report their sales today at 1 o'clock, in order that proper reservations may be made.

The Dormitory House Warming, held Saturday of last week, was, according to the enthusiasm displayed at the entertainment, a rousing success. There was something doing every minute of the two hours, and between music, boxing, wrestling, card tricks and fencing everyone pronounced the affair as "red hot."

The fencing matches were perhaps the finest ones ever viewed by a body of Technology men, and the thrilling work of "Ed" Little and M. J. Baber brought rounds of applause from the "Morgueites" and their friends. Realizing that these matches were the first ones for most of their audience the two fencers explained carefully some of the fine points of the game. The first round was an exhibition with the foils and later in the evening matches followed with the common dueling sword of France and then with the sabres. The last round, showing the use of the sabre, was by far the most exciting for with this weapon the swordsmen can strike a slashing blow as well as thrust or a penetrating touch. Little and Baber were closely matched and both experts at the work and their quick lunges and fents were steadily applauded.

The boxing matches were equally thrilling and by far more bloody than the fencing and although all the blows were aimed with friendly intent some

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## PRESIDENT INSPECTS HOME

Saturday afternoon President MacLaurin, accompanied by Mrs. MacLaurin and their two children, inspected the new president's house on Charles River road. Dr. MacLaurin and Mrs. MacLaurin climbed to the tower, remaining there about twenty minutes.

## SUMMER CAMP SMOKER

The men in Courses I, III, XI and XV, who attended summer camp this last summer, are to hold a smoker in the Caf on Dec. 19. As yet the program has not been completed but the men in charge promise a good time.

## GYM TEAM DISCONTINUES

The Technology Gym Team has been disbanded, and meets which have been scheduled will be cancelled. This action was made necessary by the loss of two of the best men: Captain J. McD. White '18, who leaves shortly for ambulance service in France, and Webster '19, who is suffering with water on the knee.

Those freshmen who wish to continue working at the Boston Y. M. C. A. and receive credit for physical training may arrange with Manager Kilduff '18, at any of the hours when freshman gym classes are held.

## CALENDAR

- Monday, December 11, 1916**  
4.00 P. M.—Prof. Wickenden's Discussion Group, Room 4-108.
- Tuesday, December 12, 1916**  
4.00 P. M.—Mr. Kneeland's Discussion Group, Room 2-131.  
4.00 P. M.—Prof. Haven's Discussion Group, Room 3-270.  
4.00 P. M.—Hockey Practice, Tech Field.  
8.00 P. M.—Meeting of Boston Scientific Society, Room 10-250.  
8.00 P. M.—Talk by Frank J. Milman on "A Mile Under the Earth," Room 4-231.