

# THE TECH

VOL. XXXV. NO. 50

BOSTON, MASS., MONDAY, DECEMBER 6, 1915

PRICE THREE CENTS

## MUSICAL CLUBS GIVE SUCCESSFUL CONCERT

Original Numbers Featured At Wheaton—New Bedford Trip Scheduled.

Last Saturday night the members of the Combined Musical Clubs, forty in number, gave their annual concert at Wheaton College, under the auspices of the Student Government Association. The concert was held in the Gymnasium and was followed by a dance at which the men on the clubs were entertained by the officers and their assistants on the board of the Association.

The entertainment included two numbers which made their initial appearance last Saturday night. These were an original skit by I. B. MacDaniel '16 and the Glee Club Quartette. The skit, which was replete with humorous effect, portrayed the amusing circumstances surrounding the engagement of three different men to the same girl and her ultimate marriage to a fourth. The scene was laid in a fraternity house. The cast included I. B. MacDaniel '16, W. H. Fraser '18, H. E. Schabacker '16 and W. J. Shultz '19. The Glee Club Quartette presented successfully Parks' "The Story of a Tack" and Kratz's "Josephine's a Flirt." The quartette is composed of J. C. Howe '18, 1st tenor; E. M. Ekdahl '16, 2nd tenor; E. H. Raymond '17, 1st bass, and P. W. Carr '19, 2nd bass.

On Tuesday, December 7, the men  
(Continued on Page Four)

## JUNIOR PICTURE

Class Photograph For Technique To Be Taken Next Week.

Unless weather conditions are prohibitive, the photograph of the Class of 1917 which is to be used in Technique will be taken on Rogers steps at 1.05 o'clock Wednesday, December 15. The Board plans this year to identify each Junior in the published picture, and therefore hopes that the class representation will be complete.

## HOCKEY PRACTICE

Hockey practice started last Friday, but only one-fifth of the candidates for the team took the conditioning work. All candidates for the team will meet at the gym daily, beginning Monday, Dec. 6, at 1.10 p. m., for shooting practice, and at 5.00 for running. There are a large number of men out for the team, and from those attaining the best physical condition the team will be picked. All candidates must bring their own hockey sticks to practice.

## FRESHMEN SUBSTITUTE WRESTLING FOR GYM

Elimination Bouts Held—Regular Hours Assigned To Men On Squad.

The interest shown in wrestling this year points to an exceptionally successful season. More men have been out than any previous year, a large number of freshmen especially having taken up mat work in place of Gym. Elimination bouts were started Wednesday for the purpose of cutting the freshman squad which comprised ninety men, only about half of whom could be conveniently accommodated.

The following men were retained on the squad: Baum, Boley, Burbank, Becker, Beaulieu, Clafin, Coldwell, Deane, Davis, Elwell, Erving,  
(Continued on Page Four)

## PROM ELECTIONS

Committee Selected To Conduct This Years Affair.

The names of the five men elected last Friday to assist Chairman E. P. Brooks as members of the Junior Prom Committee and the votes each received are as follows: S. C. Dunning, 76; R. N. Gay, 53; P. G. Woodward, 44; W. L. Medding, 39; C. B. Atkinson, 37.

The home, course, and activities of each member are as follows:

Stanley C. Dunning, Cambridge, Phi Gamma Delta, Course XV, Tug of War Team, Manager one year, Class Crew Captain, Institute Committee, two years, Technique, Electoral Committee.

Robert N. Gay: Waco, Tex., Delta Kappa Epsilon, Course VI, Swimming Team.

Paul G. Woodward: Washington, D. C., Beta Theta Pi, Course X, Musicals Clubs, Manager Banjo Club, M. I. T. Co-operative Society Delegate, T. C. A., Technique Electoral Committee.

Walter L. Medding: Malden, Mass., Phi Sigma Kappa, Course XV, Secretary Summer Camp, freshman Tug-of-War Team.

Charles E. Atkinson: Newburyport, Mass., Theta Chi, Course I, Chairman Summer Camp Student Council, Secretary Civil Engineering Society.

## GYM TEAM MANAGER

Any men who wish to try for the position of Second Assistant Manager of the Gym Team, may report to Manager Mendelsohn on Monday, Wednesday, or Friday, at 5.15 o'clock at the Gym.

## CHEMICAL SOCIETY HOLDS "WAR MEETING"

Uses Of Science In Warfare Subject Of Short Talks—Proposed New Trips.

Last Friday night the Chemical Society held its "War Meeting." The main room of the Union was filled, over two hundred professors and students being present.

In his introductory remarks, Pres. R. E. Wilson '16 said that in the lists of the leading scientists of the country, prepared by the science Blue Book, the Technology Chemistry Department led that of every other college or university in the country.

Professor Henry Fay spoke on "The Life of Big Guns." He explained the very short life of big guns by the fact that a very thin coating of glass-hard metal forms on the inside of the gun, and since this has a different coefficient of expansion from the rest of the metal, the gun soon cracks so as to be unsafe. The formation of this layer is due to cold work of the metal.

Dr. F. J. Moore, of the organic Chemistry department, spoke on "The Chemistry of Modern Explosives." He performed a number of experiments, showing that they are, as a rule, very safe to handle, but when exploded in the proper manner, they produce very violent results.

Lieutenant Hunsaker of the Department  
(Continued on Page Five)

## M. E. SOCIETY

Professor Harrison Smith Will Speak At Next Meeting.

There will be a meeting of the Mechanical Engineering Society at 8.00 o'clock Wednesday evening in the Union. The principal talk of the evening will be given by Professor Harrison Smith of the Institute on his trip to Borneo. It will be accompanied by illustrations. The other speakers will be Institute undergraduates. E. H. Barry will discourse on "Interesting Applications of Geometry"; C. A. Coleman will talk on "Ranching in Mississippi"; and J. Stafford will speak on his thesis. There will be refreshments and smokes after the meeting.

## T. C. A. PLEDGES DUE

Subscriptions to the T. C. A. budget which should have been paid by December 1st are now due. All those who have signed subscription cards are requested to pay at the T. C. A. office at the earliest possible date. The office of the Association is open daily from 9.00 A. M. to 5.00 P. M.

## SMOKER IN HONOR OF THE FIRST PRESIDENT

Committee In Charge Plans For Fitting Commemoration—Special Features.

Thursday night there will be held an All-Technology Smoker in honor of the birthday anniversary of the Institute's first president. There has always been an observance in some manner of the former president's birthday, but this year it is planned to make the occasion a truly memorable one, since it is the last year before the Institute moves across the river. It is probable that many of the alumni and members of the faculty will be present. The keynote of the whole thing will be informality and good-fellowship.

Ample allowance has been made to take care of the large crowd that is expected, and both floors of the Union have been engaged. A com-  
(Continued on Page Six)

## WINTER CONCERT

Program Shortened To Give More Time For Dancing.

A slight change of policy will be tried at this year's Winter Concert. The program is to be shortened by two numbers in order to allow more time for the dancing which will continue after the concert until 2 a. m.

Those who have not already purchased tickets may obtain them from any member of the Musical Clubs at a price of two dollars each or thirty-five a couple. The preliminary dance orders are at the Cage and may be obtained there throughout the week.

## INSTITUTE COMMITTEE

There will be a meeting of the Institute Committee Thursday, Dec. 9, at 5.00 P. M., in 8 Eng. C.

## CALENDAR

Monday, December 6, 1915.

- 1.10—Hockey Practice. Gym.
- 5.00—Lyric Writers Meeting. Show Office.
- 5.00—Hockey Practice, Running. Gym.
- 5.15—Gym Team Manager Competition. Gym.
- 6.30—Episcopalian Dinner. Trinity House.

Tuesday, December 7, 1915.

- 1.10—Hockey Practice, Gym.
- 5.00—Hockey Practice, Running. Gym.
- 5.03—Musical Clubs Leave Back Bay Station.
- Rifle Team Practice. Armory.

FREE SMOKER IN UNION THURSDAY 7:30 P. M.

# THE TECH

Entered as second-class matter, Sept. 16, 1911 at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

Published tri-weekly during the college year by students of the Massachusetts Institute of Technology.

Office 42 Trinity Place.  
Phone—Back Bay 5527 or 2180.  
Night Phone—Back Bay 5527.

## MANAGING BOARD.

H. P. Claussen, '16.. General Manager  
E. F. Hewins, '16 ..... Editor-in-Chief  
A. H. Wenzel, '17..... Managing Editor  
B. F. Dodge, '17.. Advertising Manager  
F. W. Dodson, '17.... Circulation Manager  
R. J. Cook, '17 ..... Treasurer

## OFFICE HOURS.

(Daily except Saturday)

General Manager .....5.00 to 6.00 P. M.  
Editor-in-Chief .....5.00 to 6.00 P. M.  
Managing Editor .....1.15 to 2.00 P. M.  
Advertising Manager ..5.00 to 5.30 P. M.  
Treasurer .....5.00 to 6.00 P. M.

Subscriptions, \$1.50 per year in advance. Single copies, 3 cents.

Subscriptions within the Boston Postal District, and outside of the United States must be accompanied by postage at the rate of one cent a copy.

MONDAY, DECEMBER 6, 1915.

## THE SENIOR DINNER.

The time that has elapsed since Thursday night has served to strengthen rather than to weaken the conviction that what occurred at the Senior Dinner will go down in the memories of those present as one of the grossest insults to manhood that they ever witnessed. Subsequent to the dinner President Farthing had seen Governor Walsh and the members of the Faculty who were present to make reparation so far as is possible. However, no matter how diplomatic, President Farthing's action cannot entirely restore equilibrium to the status of the class; the reasons for the disgrace must be analyzed if a repetition of Thursday's occurrences is to be avoided.

It is inevitable that the names of two or three individuals should be singled out to bear the full brunt of the disgrace. Responsibility for the speeches and remarks at the dinner rests naturally with the toastmaster, the president of the class. Responsibility for the conduct of the individual rests with the individual. It should be clearly understood from the beginning that, while that exhibition of filth did in no way represent the class, as is so conclusively shown by today's communications, a considerable part of the class—not a few individuals—must bear the responsibility and shame of that unfortunate night.

As is always the case, what happened was due largely to the atmosphere, which had become so well established that even the splendid sentiments expressed by the speakers did not entirely dispel it. First, there was the presence of beer, which, while perhaps no one took to excess, produced an atmosphere of license which paved the way for what followed. For this the dinner committee and custom were responsible. Then

## COMMUNICATIONS

To the Editor of The Tech:

In the minds of many Seniors, the Class dinner held on December 2 was a failure, as far as spirit is concerned. The yells and cheers that were given while the men were meeting, and during the banquet gave a bad atmosphere to the evening. At best the outcome was a disgrace to the good name of the class.

The class of 1916 is conspicuous this year because it is "the last class to graduate from the Old Institute." As such it should represent to the Faculty and others the ideals and successes of former classes not only as well-trained engineers but as gentlemen. The manner in which we treat our guests and the kind of impressions that we make on them are bound to stand for the success which we have gained in our course at the Institute.

The spirit shown by some of the students (not all, by any means) was unbelievable among a group of students, especially when they come from the best families in the country. The speeches of Dean Burton, Bursar Ford, Professor Spofford and Professor Miller told us what we are in the Institute to accomplish, and what they believed the class to be. Governor Walsh summed up what had been said in the previous speeches, and added the duty and purpose which students at M. I. T. owe to others who cannot have the advantages which we enjoy. His appeal was strong and unmistakable, and will be remembered by many. Then shortly after to have a story told, which had no point at all, but was told solely for the filth that was in it, disgraces not only the speaker, but every one in the class

(Continued on Page Three)

there were the yells, particularly those given by the representatives of Course XI, in which some of our most influential undergraduates participated. It is true that these yells were given partly in the perfectly laudable spirit of banter, but after all the chief point was derived from filth where humor played an almost negligible part, and it was just this that characterized the final disgraceful incident. Moreover, these yells met with the apparent approval of a majority of the banqueters as was evidenced by the frequent repetition and the mirth with which they were received. As far as the toastmaster could judge, anything that was somewhat beyond the limits of decency met with the hearty approval of the class, but it is needless to say he had not anticipated anything like what actually took place.

It is the class of 1916 which, after all, must shoulder the responsibility. Bitter is the lesson which they have learned and correspondingly firm should be the decision which, sooner or later, all classes must reach. Class gatherings—which include the graduation exercises—must be conducted safely and sanely. The presence of intoxicants and the overstepping of the ordinary bounds of decency is always sure to lead to some such disgrace as the Senior Class is now facing, but from which they may redeem themselves next June if they exercise proper judgment and discretion.



THE race ain't always to the swift. VELVET is way ahead of those quick-cured tobaccos, even if it *does* wait two years for agein'.

*Velvet Joe*

BACK BAY BRANCH

## State Street Trust Co.

130 MASSACHUSETTS AVENUE, BOSTON

SAFE DEPOSIT VAULTS

Credits Interest Monthly on Accounts of \$300 and Over

MAIN OFFICE, 33 STATE STREET

## That Heavy Overcoat

You may have delayed ordering because of the mild weather

## That Sharp Weather

must come soon, and you will be sorry that you didn't make provision for your needs

Overcoat or Suit - \$25.00 to \$50.00

**BURKE & CO., Inc., Tailors**

1246 Mass. Ave. (Harvard Sq.) Cambridge

18 School St., Boston

A homelike, first-class hotel, proud of New England traditions, dating from Gen. Warren, yet newly furnished with every comfort & convenience. Long distance phone and hot and cold water in every room. Kept constantly clean by our vacuum plant. Rooms \$1.00 a day and up.

**THE NEW AMERICAN HOUSE**  
VISIT THE TRAVELLER  
BOSTON



Students' Clothes

J. C. LITTLEFIELD

High Class Tailor

12 BEACON STREET

Evening Clothes a Specialty

**RIFLE CLUB**

**Committee Appointed To Regulate Indoor Practice.**

The Rifle Club will continue its indoor work at the South Armory Tuesday, Wednesday and Friday of this week. Members of the club will be eligible to shoot any one of these days, at their own convenience.

A committee of ten men has been appointed to take charge of all the indoor practice. When arrangements for a more extended use of the range have been carried through, two of this committee will be on duty each afternoon to regulate and systematize the practice, the present size of the club making this imperative. The names of the committee have been posted on the Union bulletin board. A. E. Tuttle '17 has been appointed chairman. A meeting will be held Wednesday at 5.00 o'clock in the Union.

**LYRICS AND SKETCHES**

There will be a meeting of all men interested in writing lyrics for the Tech Show in the Show Office at 5.00 o'clock tomorrow afternoon. Portions of the book will be read to give the men an idea of the nature of the situations and the style of lyrics desired.


The preliminary sketches for the Show scenery will be due at the Show office Monday, December 13.

**Miss A. STEVENSON  
Public Stenographer**

248 Boylston St., Room 402  
Special rates for Thesis Work.  
Telephone 8649 Back Bay.

**Dress Suits, Tuxedos  
and Top Hats  
May be Rented at a DISCOUNT**

Leave note at Cage for  
"Evening Clothes"



**STONE & WEBSTER**  
Established 1859

**OUR ORGANIZATIONS ARE PREPARED TO**

- FINANCE public utility developments.
- BUY AND SELL securities of public utility corporations.
- DESIGN steam power stations, hydro-electric developments, transmission lines, city and interurban railways, gas plants, industrial plants and buildings.
- CONSTRUCT either from our own designs or from designs of other engineers or architects.
- REPORT on public utility properties, proposed extensions or new projects.
- MANAGE railway, light, power and gas companies.

Stone & Webster Securities Department  
Stone & Webster Engineering Corporation  
Stone & Webster Construction Company  
Stone & Webster Expert Department  
Stone & Webster Management Association

NEW YORK      BOSTON      CHICAGO

**COMMUNICATION**

(Continued from Page Two)

before the Faculty and Governor Walsh. Certainly none of us can feel hurt because the members of the Faculty and the Governor withdrew as soon as an opportunity came.

Governor Walsh will probably judge of Technology men by what he heard on Thursday night, and will give his impressions to others when he talks about the Institute. Because of his official position as Governor and his official connection with the Institute, the students owe the Governor especial respect. Consequently when such an insult is uttered in the presence of the State's chief executive, the injury is doubly serious.

The unfortunate spirit of the dinner was promoted by a few who do not represent the attitude of the class as a whole. Neither the committee in charge nor President Farthing ought to bear the whole blame for what happened, for the fellowship of the class broke away from restraint, with regrettable results.

Yours truly,  
C. W. LAWRENCE.

To the Editor of The Tech:

To train men liberally to be leaders in engineering, architecture, and science; and to give them the will and the power to serve the state by the scientific method and with the scientific spirit.

RICHARD C. MACLAURIN.

The above is the aim, according to its president, of the institution which we are attending.

Last Thursday night the Senior class of M. I. T. held a dinner at the Hotel Lenox. The Senior class is a group of men very nearly trained according to the above ideal. A stein of beer was at each place and there was plenty of beer to keep the steins full. Then the men of several courses began to vie with one another in contest to see which could yell the vilest things about the other. There were some women in the balcony above the banquet hall, whose presence did not in the least modify the filth which poured out for the edification of all.

Then it was announced, to those men who are nearly trained in accordance with the above ideal, that no one need bother about having himself paged, since everyone was free to visit the bar at any time. After that announcement there were a few good speeches given—the Governor emphasizing the great debt which we, as recipients of the public good, owe to the public, and the Dean urging us to feel the responsibility of our prominence at the dedication of the new Institute next June. After these very worthy efforts on the part of those older and wiser than we, a certain gentleman was called on to tell a story. The gentleman called on, hesitating somewhat, was informed that the story need not be of the Sunday School variety—whereupon he proceeded to spue out the rottenest combination of words and ideas that I ever hope to hear. This done, it was observed that if the man had only visited the bar several times more we might have heard a "real story." At this stage the Governor excused himself, and soon after the

(Continued on Page Five)



**"Roll Your Own!"**

A fresh hand-rolled cigarette of "Bull" Durham makes a smoke that's as lively and brisk as a pure-ivory billiard ball. "Bull" Durham has the alert, healthy, youthful taste—the snap and sparkle that give the punch to a cigarette. That's why so many more thousands of live smokers have become "roll-your-own" enthusiasts during the last few years.

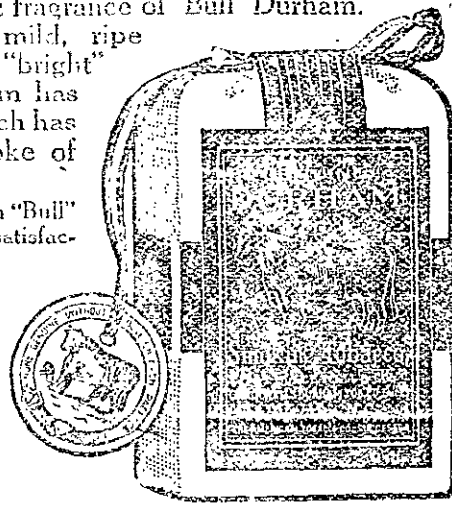
**GENUINE  
"BULL" DURHAM  
SMOKING TOBACCO**


No other tobacco has the unique, mellow-sweet mildness and the delightful aromatic fragrance of "Bull" Durham. Made exclusively from mild, ripe Virginia-North Carolina "bright" tobacco leaf, "Bull" Durham has that distinctive quality which has made it the favorite smoke of three generations.

"Roll your own" cigarette with "Bull" Durham and get more genuine satisfaction out of smoking.

Ask for FREE package of "papers" with each 5c sock

FREE An Illustrated Booklet, showing correct way to "Roll Your Own" Cigarettes, and a package of cigarette papers, will both be mailed, free, to any address in U. S. on request. Address "Bull" Durham, Durham, N.C. Room 1400.  
THE AMERICAN TOBACCO COMPANY





A selected smart style from Chamberlain's comprehensive display of proper hats for every occasion.

Beaconsfields, \$3.00  
Royal Luxurys, \$4.00  
Revelations, \$2.00

**Chamberlain**

THREE STORES

637 Washington St., At Boylston  
659 Washington St., Gaiety Theatre  
311 Washington St. Opp. Old South Church

**McMORROW**

**College Shoes for College Men**

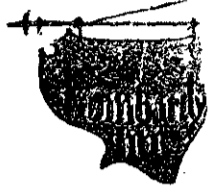
238 WASHINGTON STREET, BOSTON, MASS.

**OPPOSITE THOMPSON'S SPA**

*The Apollo*  
**THE CHOCOLATES**  
**THAT ARE DIFFERENT**  
**For Sale at the Union**

Something New Continually

**ITALIAN**  
**Restaurant**  
**TABLE d'HOTE**  
**DINNER 5 to 8.30**  
**A LA CARTE**  
**STRICTLY ITALIAN CUISINE**  
 Italian Wines Music  
**BOYLSTON PLACE**  
 Near Colonial Theatre



**TYPEWRITERS --- ALL MAKES**  
 Bought, sold, rented and repaired  
**SPECIAL RENTAL RATES TO**  
**M. I. T. STUDENTS**  
 Supplies for all machines  
 Agents for Blickensderfer Feather-  
 weight Machines.  
**BLICK COMPANY**  
 334 Boylston St., Boston, Mass.  
 Bryant & Stratton School Bldg.



an "GOTHIC"  
**ARROW**  
**COLLAR**  
**FRONT FITS CRAVAT KNOT**  
**PERFECTLY. 2 for 25c**  
 CLUETT, PEABODY & CO., INC., MAKERS

**CARL A. ZAHN**

Barbering Manicuring  
 Chiropody  
 Razors, Brushes, Perfumery  
 Haberdashery

**THE PLAZA COPLEY PLAZA**  
 New York Boston.

**GREENBRIER**  
 White Sulphur Springs, West Virginia

**ARCHITECTS IN DRAW**  
**GAME WITH HARVARD**

Colleary Saves Day For Technol-  
 ogy—Osborne And Wright  
 Also Star.

The football game played last Saturday at Soldiers' Field, Cambridge, between the Technology men of Course IV and the Harvard Architects resulted in a tie, neither side scoring. The game, which was played in response to a challenge by the Harvard men, did not settle the question of the supremacy of the respective schools, but the Institute aggregation considers that it holds the advantage. The conditions were not of the best, the field being covered with a thick mud, which slowed up the offensive game. Both teams used the forward pass to a great extent and showed great cleverness in the open game, the majority of the plays in the latter half being of the long pass variety.

In the first period Harvard threatened to score, bringing the ball well into Technology's territory, but lacked the punch to carry it over. Technology fumbled the ball on Harvard's ten-yard line and a Harvard man ran to Technology's twenty-five-yard line where he was overtaken and downed by Colleary, who chased him all the way. During the rest of the game the ball was in the center of the field, neither side seeming to have the advantage. Captain Colleary, Osborne and Wright starred for Technology.

**FRESHMAN WRESTLING**  
 (Continued from Page One)

Fisher, Grosscup, Howes, Horner, Holt, Hedin, Hirsch, Pinther, Howlett, Inglis, Kennard, Kelley, Kitchen, Lewis, Long, Maynard, Maxon, Margraw, Moberg, McIntosh, Muller, Meader, Parker, Patterson, Quick, Roberts, Root, Southwick, Soars, Sache, Smith, Sullivan, Sherman, Weymouth, Reis, Little and Cann.

Hedin, Kelley, Roberts, Parker and Southwick must report for try-out bouts at their next regular Gym period.

The men remaining on the squad will come out at their regular hours until further notice. The wrestling classes will begin promptly at ten minutes past the hour and late marks must be made up. Next week each man will be required to wear a long-sleeved jerseys, pants and sneakers while on the mat.

Elimination bouts will continue through this week and a further cut will then be made in the squad.

**MUSICAL CLUBS**  
 (Continued from Page One)

will take the 5.03 train from Back Bay station for New Bedford, where they will give a concert under the auspices of the Class of 1912 of the New Bedford High School. The members of the clubs will be entertained over night in New Bedford and will leave for Boston early Wednesday morning.

**PATRONIZE**  
**TECH**  
**ADVERTISERS**

This is the place for Tech  
 Boys to buy their Apparel,  
 Furnishings and Room  
 Accessories—the Big Store  
 has the goods

**Jordan Marsh Company**

We Make  
**A Neglige Shirt**  
**TO MEASURE**

From your own selection of a variety of New Fall Shirt-  
 ings with French cuffs or separate. **\$3.50 up**  
 For .....

A White Bosom Shirt for Dress or Business. **\$2.00 up**  
 For .....

**Well tailored and buttonholes hand made**

A neckband that is exactly right, sleeves just the right length, durable, exclusive materials, and the final touch added in our own laundry—these are the distinguishing marks of comfort, and all these you can get in our Custom Made Shirts at the above prices.

**C. F. Hovey Company**

(Men's Shop Directly Inside the Summer Street Door)



### ATTENTION, TECH MEN!

We offer our best photographs to members of all classes at M. I. T. at Senior Class rates.

Make your appointments early and have your pictures for the holidays.

**Notman Photographic Co.**

Phone Haymarket 1861

3 PARK STREET

FRATERNITY GROUPS AT LOWEST PRICES

#### COMMUNICATION

(Continued from Page Three)

remainder of the decent representatives left.

We have been chosen in some mysterious way to receive the best education possible and the best training for lives of service to our more unfortunate fellows. With this great advantage we are rightfully looked up to as serious-minded men whose judgment as to what things are most worth while can be trusted.

The spirit shown at the Senior dinner is the spirit which we have held up as an example to the society which rightfully looks to us for leadership. Is it the noblest thing that our advantages have taught us? Is it the thing which we return to society for the privileges that we are daily accepting from it? If it is, the Massachusetts Institute of Technology is a complete failure in so far as its four years' work with the Class of 1916 is concerned. We all know that it has not failed completely and it is therefore to be hoped that each member of this class, particularly those who contributed to the many insults to manhood of last Thursday night, will realize more deeply the responsibility that he has accepted, and will do his best to make amends for the horrible exhibition of character that we have given.

The responsibility for the occurrences mentioned lies with the so-called representative men of the class, and it is safe to say that their idea of a class dinner is not the idea

of the class as a whole. We speak of making our class stand head and shoulders above all the other classes in the history of the Institute. The prevailing idea seems to be that the more noise we can make and the more good times we can have the greater we are. But I believe that giving some vile cheer every two minutes will be far less commendable next June than standing out as the class that set a standard of character and manliness and responsibility as an example to be followed by all future classes.

Very respectfully,

E. E. SCHABACKER, 1916.

#### CHEMICAL SOCIETY

(Continued from Page One)

ment of Aeronautical Engineering, gave a talk on "The Aeroplane in Modern Warfare," illustrated with a number of lantern slides. He said that one of the great influences that warfare had on aircraft was that of increasing the output and development to a great extent. He showed pictures of a number of types of aeroplanes used at the present time.

The next meeting will be held Friday, January 7. Dr. Lewis of the Chemical Engineering Department will speak on "The Taylor System of Efficiency Engineering."

Next Friday a trip will be taken to the Hood Rubber Co. Men wishing to go may see Sec. R. H. Miller at once. A trip to the Edison Laboratories at East Orange, N. J., is contemplated for the mid-year vacation.

## L. P. HOLLANDER & CO.

214 BOYLSTON STREET  
BOSTON

*Makers of Men's and Young Men's  
Fine Ready-to-Wear Clothing*  
**AT MODERATE PRICES**

**EVERY SUIT IS MADE IN OUR OWN SHOPS  
FROM THE BEST FOREIGN WOOLENS**

### "WHEN IN NEED OF TRUST COMPANY SERVICE CONSULT THE OLD COLONY"

A SINGLE BANK WITH THREE OFFICES  
IN DIFFERENT SECTIONS OF BOSTON

## Old Colony Trust Company

17 COURT STREET  
52 TEMPLE PLACE 222 BOYLSTON STREET

## FRANK BROTHERS Fifth Avenue Boot Shop

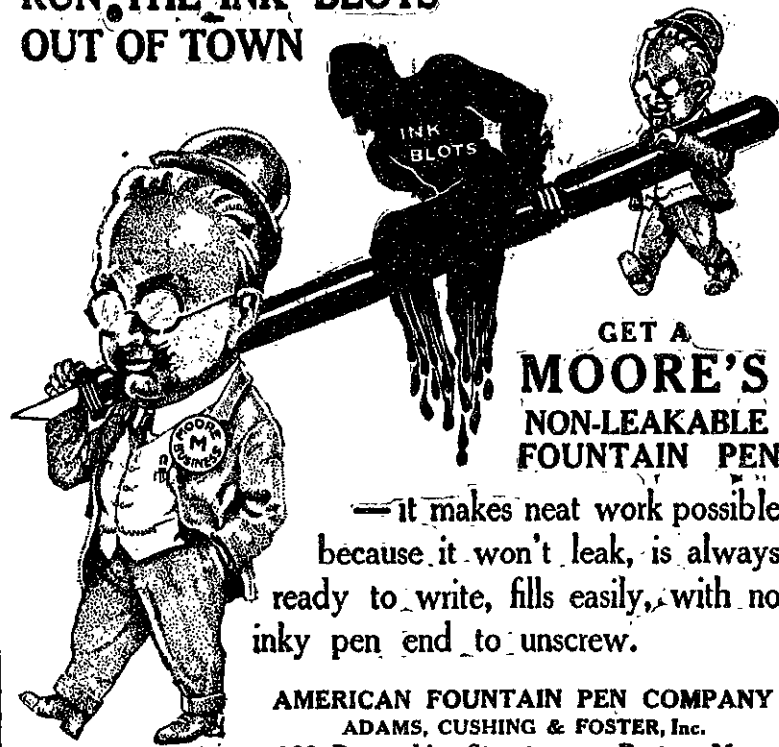
New York



At The Tech Lower Office December 8

WITH OUR FALL LINE

### RUN THE INK BLOTS OUT OF TOWN



GET A  
**MOORE'S  
NON-LEAKABLE  
FOUNTAIN PEN**

— it makes neat work possible  
because it won't leak, is always  
ready to write, fills easily, with no  
inky pen end to unscrew.

AMERICAN FOUNTAIN PEN COMPANY  
ADAMS, CUSHING & FOSTER, Inc.  
168 Devonshire Street, - Boston, Mass.

**Tech Barber Shop**  
22 HUNTINGTON AVE.  
P ONE FLIGHT  
Tailoring Done Next Door.

**Bowling Headquarters**  
**For Tech Bowling Leagues**

We solicit the patronage of Tech Students and Alumni. Alleys screened for private parties.  
Two minutes' walk from all Institute Buildings. Come in and enjoy a few minutes of healthful recreation before meals and between classes.

TRINITY COURT BOWLING ALLEYS

**E. B. THRASHER**

Proprietor and Manager  
Established 1898. Tel. B. B. 4030

**6 PHOTOS \$1.50**

of yourself, finished in Chiaroscuro, size 6x10. Regular price \$6 per dozen. Also made from new or old photos with this Coupon

*"The Photographer in Town"*  
New York, Paris, Boston, Phila.  
**F. Prunel**

159 A TREMONT STREET

**CUT THIS COUPON NOW**

Good on it May 15 only (T)

**Room Decorations**  
HEAVY FELT

**Banners-Pennants**

Gothic or Old English Lettering

**A. D. MACLACHLAN**

**Students' Cast-off Clothing**  
and other personal effects bought by

**KEEZER**

369 Columbus Avenue

Corner of Yarmouth Street

Highest Prices Paid for Same

Phone, Write or Call  
Open Evenings to 9 o'clock  
B. B. 6843.

**Tech Union**  
**Dining Rooms**

42 Trinity Place

SERVICE:

**A la Carte**

**Table d'Hote**

**Cafeteria**

**Collins & Fairbanks Co.**

**Young Men's**  
**Hats, Coats, Caps, Gloves**

**383 Washington St., Boston**

**MINING SOCIETY**

Smoker To Be Held Friday At  
The Hotel Westminster.

On Friday evening, December 10, at 7.30 o'clock, the Mining Engineering Society will hold a smoker at the Hotel Westminster. The speakers for the evening will be Mr. George A. Packard and Mr. A. H. Rogers, both graduates of the Institute in the class of 1890. The latter will talk on "How To Examine Mines," an exceptionally practical and up to date subject and of especial importance to all Course III men. Mr. Packard's subject has not yet been announced. The price of tickets is twenty-five cents.

**EPISCOPALIANS**

There will be an informal dinner for Episcopalians at Technology on Monday, December 6, at 6.30 p. m., at Trinity House, 93 St. James Avenue. Tickets at 50 cents may be obtained from any members of the Technology chapter of the Brotherhood of St. Andrew, under whose auspices the dinner is held.

**TECHNOLOGY SMOKER**  
(Continued from Page One)

Committee appointed by the Interfraternity Council has charge of the arrangements. This committee is made up of the following men: W. M. Shakespeare, chairman; P. N. Cristal, G. H. Gauss, R. Millis, and J. P. Uhlinger. An attractive program has been drawn up, with many special features.

The men will be addressed by Mr. J. P. Monroe of the Alumni Council, who will give a short talk on President Rogers' life. Mr. Monroe is an excellent speaker, and is eminently fitted to interpret President Rogers' character and his work.

The Glee Club will give a concert with renditions of some of its best selections. Also, a company of four professional musicians and entertainers will endeavor to keep things lively on both floors during the evening.

As a matter of fact, President Rogers' birthday is December 7th, but the smoker had to be held over two days because of a long-standing engagement of the Union for a banquet of the class of 1900.

Refreshments will be served, and the whole evening's entertainment will be entirely free.

PATRONIZE  
TECH  
ADVERTISERS

**TECH UNION BARBER SHOP**  
Located at the  
**Hotel Westminster**

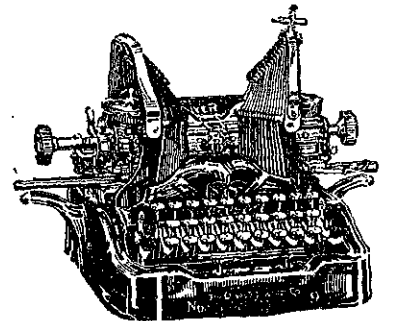
Handy to the institute. Up-to-date, fashionable hair cutting by skillful barbers. The best hygienic and most perfectly ventilated shop in the Back Bay.  
**THE TECH UNION BARBER SHOP**

**HERRICK** COPLEY SQUARE

Choice Seats for all Theatres  
**PHONE B. B. 2328**  
Connecting Five Telephones

**A New**  
**Model Typewriter!**

The **No. 9**  
**OLIVER**  
The Standard Visible Writer  
**BUY IT NOW!**



Yes, the crowning typewriter triumph is here  
It is just out—and comes years before experts expected it

For makers have striven a life-time to attain this ideal machine. And Oliver has won again, as we scored when we gave the world its first visible writing.

There is truly no other typewriter on earth like this new Oliver "9." Think of touch so light that the tread of a kitten will run the keys!

**CAUTION!**

The new-day advances that come alone on this machine are all controlled by Oliver. Even our own previous models—famous in their day—never had the Optional Duplex Shift.

It puts the whole control of 84 letters and characters in the little fingers of the right and left hands. And it lets you write them all with only 28 keys, the least to operate of any standard typewriter made.

Thus writers of all other machines can immediately run the Oliver Number "9" with more speed and greater ease.

**WARNING!**

This brilliant new Oliver comes at the old-time price. It costs no more than lesser makes—now out-of-date when compared with this discovery.

For while the Oliver's splendid new features are costly—we have equalized the added expense to us by simplifying construction.

Resolve right now to see this great achievement before you spend a dollar for any typewriter. If you are using some other make you will want to see how much more this one does.

If you are using an Oliver it naturally follows that you want the finest model.

**17 CENTS A DAY** Remember this brand-new Oliver "9" is the greatest value ever given in a typewriter. It has all our previous special inventions—visible writing, automatic spacer, 6½-ounce touch—plus the Optional Duplex Shift, Selective Color Attachment and all these other new-day features.

Yet we have decided to sell it to everyone everywhere on our famous payment plan—17 cents a day! Now every user can easily afford to have the world's crack visible writer, with the famous PRINTYPE, that writes like print, included FREE if desired.

**TODAY--Write for Full Details** and be among the first to know about this marvel of writing machines. See why typists, employers, and individuals everywhere are flocking to the Oliver. Just mail a postal at once. No obligation. It's a pleasure for us to tell you about it.

**The Oliver Typewriter Co.**  
146 Congress Street, Boston, Mass.