

## FRESHMAN RUNNERS WIN FROM LOWELL

Technology Takes Meet by Easy Margin from Lowell High School Athletes — Sheldon '21 Stars

1921-46 AND LOWELL-31

The freshman track team lived up to all expectations and defeated Lowell High last Saturday at Lowell by the score of 46 to 31. Lowell forged ahead in the scoring in the early part of the evening by taking first place in the high jump and first and second in the 300-yard dash, but the freshmen regained the lead after capturing both first and second in the shot put and from then on the result was never in doubt. Capt. Sheldon of the freshmen won the 35-yard hurdles, thereby establishing a record, for this is the first time in seven years that the freshmen have won that event in this meet.

In the 300-yard dash Scott, of Technology, followed Mansur closely for two laps, but fell on a corner in the last lap. If it had not been for this accident, he would have taken second place and possibly could have finished first. Capt. Mansur was the individual star for Lowell, taking first in the high jump and the 300, and second in the 30-yard dash. In the mile run Stone of the freshmen team took the lead early in the race and held it by a comfortable margin to the end. Hennessy, Technology, took second and Hedlund of Lowell third. The freshmen captured all three places in the 600 by a safe margin, Bawden taking first, Barden second, and Conant third. Lowell won the relay when Hart, the third man to run, overcame the lead which Junod of the visitors had opened up in the first brush. In a 800-yard race, the Morey grammar school team beat the High School midlets.

Summary of results:—  
30-yd. dash—Won by Junod, Technology; Mansur, Lowell, second; P. Scott, Technology, third; time 3 4-5s. 1000-yd. run—Won by Atwood, Technology; Hedlund, Lowell, second; Markham, Lowell, third; time 2m. 43 4-5s. Running high jump—Won by Mansur, Lowell; height 5ft. 4in.; Brimbleton, Technology, second; Emery, Technology, third. 300-yd. dash—Won by Mansur, Lowell; Hart, Lowell, second; P. Scott, Technology, third; time 40s. Shotput—Won by Hayes, Technology; distance 35ft. 9in.; Raymond, Technology, second; Coughlin, Lowell, third. 35-yd. hurdles—Won by Sheldon, Technology; Stevenson, Lowell, second; Vandenburg, third, Lowell; time 4 4-5s.

Mile run—Won by Stone, Technology; Hennessy, Technology, second; Hedlund, Lowell, third; time 5m. 8 4-5s. 600 yd. dash—Won by Bawden, Technology; Barden, Technology, second; Conant, Technology, third; time 1m. 29 4-5s. 1200-yd. relay—Won by Lowell (Mansur, Vandenburg, Hart, Moore); second, Technology (Junod, Driscoll, Cowie, P. Scott); time 2m. 48 2-5s. Final score—Technology 46; Lowell 31.

In the 1000-yd. run, Atwood, Technology, took the lead at the first pole and held it to the finish line. For a time Brown, Technology, ran second, but he finally was passed by Hedlund and Markham, both of Lowell.

## ASSISTANT BUSINESS MANAGERS NOW PICKED

### Musical Clubs Announces Results of Competition

The managers of the Musical Clubs announces that through an oversight the name of Wilfred N. Thompson '21 was omitted from the list of candidates selected for the positions of assistant managers of the Clubs, which was published in the last issue of the Tech. The list of men as corrected now stands: G. A. W. Smith, C. H. Burnham, H. N. Landis and W. N. Thompson, all of the class of 1921. At the end of the season two of the men will be picked for the positions of Treasurer and Publicity Manager for next year.

## TRUCK SMASHES THROUGH RAIL TO ICE 25 FEET BELOW

Driver Jumps From Falling Car and Sustains Slight Injury

Last Saturday Harvard Bridge was the scene of a peculiar accident. An auto delivery truck owned by the Lyndonville Creamery of East Watertown tore through the railing and fell up-side down to the ice below without injuring either the driver or the ice. The former was taken to the Cambridge Municipal Hospital in a dazed condition, but was able to walk away after a few hours.

The accident occurred about 3.30 o'clock at a time when the bridge was crowded with motors and vehicles of all kinds. This crowded condition was responsible for the catastrophe, for the driver of the wrecked truck was forced to swerve to one side as another car dodged in front of his. Apparently he did not realize his proximity to the edge of the road, for in a minute the car struck the railing which gave way like paper, precipitating the truck to the ice twenty-five feet below. The car turned bottom-up during the trip and was considerably damaged on striking the ice. Joseph Kennedy, the driver, managed to get out of his seat before the truck went over the edge, but was thrown to the ice, escaping, as stated above, without serious injuries.

Aviators and engineers from the Government schools at the Institute were able to see this accident from the buildings, and soon a hundred or more people had rushed onto the ice, despite the danger signs, in order to get a closer view of the wrecked machine and to try to help the driver. Two sections of the railing were carried away by the truck in its fall and the remaining railing was weakened for a considerable distance.

## SENIOR DANCE

### One Hundred Couples Attend Dance in Walker

Last Saturday night seniors gave their annual dance in the Walker Memorial. In previous years this dance was open to the seniors only, but contrary to custom was opened to the whole Institute this year on account of the scarcity of seniors. Many lower classmen attended for this reason, and had a very good time.

During the week the outlook for a successful dance was rather dark, but at the last minute a great many men signed up, and as a result there were about one hundred couples there which made it a brilliant success along with the exceptionally good music and refreshments.

The hours of dancing were unique, 6.00 to 11.00 o'clock to comply to the fuel administrator's wishes, and proved to be very pleasant and agreeable to all. At 8 o'clock a cafeteria lunch was served which was excellent. The music was furnished by Delaney's Banjo Team, and was about the best music that any Institute Dance has had this season.

## ORCHESTRA REHEARSAL CHANGED TO THURSDAY

The date of the next rehearsal of the Technology Orchestra has been changed to Thursday, February 21. All men who desire to play at the performance of the Tech Show must report at this meeting, held in the "Caf." basement of building 2, at 5.00 o'clock. The management wishes to state that this will be the last chance for men to enter this organization. Players are needed in several departments, and those who have any intention of joining the orchestra should do so at the next rehearsal.

The regular Friday issue of THE TECH will appear on Saturday, the 19th, of this week. Since Friday is a legal holiday the continuance of the regular schedule of issue is impossible.

## TECHNOLOGY SWIMMERS TRIM AMHERST 38-14

Institute Mermen Win Relay Race and Capture Four First Places in the Five Other Events — 50 and 100-Yard Swims Features of Meet

### TWO MORE MEETS SCHEDULED

The Technology Swimming Team added another victory to its three year's record of no defeats when the team won the meet with Amherst College at the Boston Y. M. C. A. pool last Saturday night, by the score of 38 to 14. The meet was for the most part a one-sided affair as the Institute men easily triumphed over the visitors. The 50 and 100-yard swims were the features of the evening, both of them being close races. In the 50, Cowles of Amherst won from Capt. Untersee, '19 of Technology by a few inches, the former covering the distance in 26 2-5 seconds. Capt. Untersee evened up matters with Brett of Amherst in the 100-yard swim, defeating the latter by a very small margin.

The relay race was easily won by the Technology team, Untersee leading Cowles by fifteen yards at the finish. The 220-yard swim resolved itself into a hotly contested race between Greene, '21 and Bolan '21, both of the Institute, for first honors. Bolan finally passed his partner and won by a few feet.

Although not quite up to his old form, Wales, '19 captured first in the plunge with a distance of fifty-nine feet. Walker won another first place for Technology in the diving.

Summary:—  
Relay Race—Won by Technology (Trowbridge '21, Young '21, Shaw '21, Capt. Untersee '19); Amherst (Brett, Phillips, Capt. Vermilya, Cowles), second. Time, 2 minutes, 50 3-4 seconds.

Fifty-Yard Dash—Won by Cowles, Amherst; Capt. Untersee '19, Technology, second; Phillips, Amherst, third. Time—26 2-5 seconds.

Diving—Won by Walker '19, Technology; Brough, Amherst, second; Sheldon, Amherst, third.

Two Hundred Twenty-Yard Swim—Won by Bolan '21, Technology; Greene '21, Technology, second; Capt. Vermilya, Amherst, third. Time—2 minutes 47 3-5 seconds.

Plunge for Distance—Won by Wales '19, Technology, 59 feet; Winn '21, Technology, second, 56 feet; Guild, Amherst, third, 54 feet.

One Hundred-Yard Swim—Won by Capt. Untersee '19, Technology; Brett, Amherst, second; Trowbridge '21, Technology, third. Time—1 minute, 2 seconds.

The Swimming Team has two more meets on its schedule. The first of these is with Wesleyan at Middleton, to be held February 23, and the second with Yale at New Haven on March 27. The last of these meets should prove especially interesting as both Technology and Yale have defeated the strong team of Pennsylvania, although Yale finished only two points ahead.

Swimming practice will continue during this term in order to train new men for next season's team. As present conditions have handicapped the team, Manager P. D. Shoeline '19, urges all men, especially the senior and junior freshmen, to enter the competition for the dive, plunge, and the 50 and 100-yard dashes. Practice is held at the Boston Y. M. C. A. on Monday, Wednesday and Friday afternoons, between 4.30 and 6.00 o'clock.

All members of the Freshman Class, either Junior or Senior, who wish to compete for positions on the Circulation Department of THE TECH, should report to the Circulation Manager at THE TECH office on Thursday, February 21st, at five o'clock. THE TECH office is in the Activities Building on Massachusetts Avenue.

## ALL-COLLEGE RALLY GOES ON RECORD AS RALLY-TO-WIN WAR

James M. Beck Exposes Dangers That Beset Any Peace Parleying at This Time of Great War

### LIEUT. MORITZ GIVES STIRRING TALK

THE All-College Rally held Saturday night in the Opera House, although an innovation, was a decided success, judging from the enthusiasm and spirit displayed by the men. The rally represented colleges from all over the country and fulfilled all predictions as a demonstration of the depth of feeling towards college and country.

## MECHANICAL ENGINEERS INSPECT CANNING MACHINERY.

Through the courtesy of Mr. Charles M. Ams, President of the National Canning Machinery and Supplies Association, the members of the Automatic Machinery Option of Course II were enabled to visit the exhibition of canning machinery at Mechanics' Building on Wednesday, February 13. The machines of particular interest were those for making, filling and sealing the cans. Sealing sardine cans at the rate of 90 per minute was readily accomplished automatically on one of the machines of the Max Ams Machine Co. Some of the most interesting mechanisms were those on the machines for placing the labels on bottles and putting the wrappers on 'n cans. The afternoon proved a very interesting as well as instructive one.

## WOOP TO REAPPEAR

### To Hold Competitions in All Departments

The Woop-Garoo, which made its first appearance at the Institute the morning of February 6, contemplates continued publication. In order to accomplish this it seems advisable to the board of editors to hold competitions in order that the best of the material lying inert among the undergraduates may be sifted out and brought to light. It is also rumored that the next issue will appear in an entirely different and larger form than that of the first one.

These contests are open to all undergraduates no matter what class they may be allied with. In each, the contestants "heel" directly for positions on the staff of the paper. From there they are eligible to further advancement such as assistant managers and eventually to places on the board. All men interested in any of the three departments should appear, for tomorrow the kind of work required is to be explained in detail.

Men are wanted for the art department who possess the ability to turn out work similar to that appearing in contemporary college humorous periodicals and "Life." The same holds true for men entering the news, or editorial competition.

In the business department of the paper it is desired to obtain men who possess both the capability and the eagerness to obtain advertisements and also undergraduates to connect themselves with circulation.

The competitors are to meet in the Tech Office, in the Activities building, where the work for the coming issue will be outlined and the assignments given new men. It is not necessary for anyone to have previous experience in any of the work although of course, this will help both the individual and the standard of the paper.

### ENGLISH HIGH CLUB

The English High School Club of Technology will hold a smoker Thursday evening, February 21, in Room 2-190 at 7.30 o'clock. The speaker will be Leon R. Eyles, the former State's Attorney. All E. H. S. men at Technology are invited to attend.

An extract from the editorial column of one of the Boston papers dealing with the Rally follows: "Thanks to the All-College Rally, a week begun in bewilderment closed here in Boston upon a fresh and very positive affirmation of the American purpose. As a matter of fact, the verdict of the meeting gained in force from the special circumstances under which it was rendered. Two thousand five hundred men had come together for this rally of union. They represented colleges from all parts of the country, Catholic and Protestant, technical and professional, public and private. Typically American, they must be allowed, however, if the collegiate ideal is to be allowed anything, also a certain place as special representatives of the nation's power of thoughtfulness and of courageous discernment. In any case it was evident as these men gathered last Saturday night that the doubt and unrest of the week had not escaped their detection, but had left a great wish in their hearts for some new voicing of leadership and some new certification of the American purpose. Giving them that, it gave them all that they wanted.

"What Mr. James M. Beck had at heart to say, the audience had at heart to hear. Although he moved with fairness and with caution, it was his most forthright speech which met the most acclaim. He exposed the danger which besets present parley of peace, while the flags of victory wave in Berlin. He brought into the open the restless doubt caused by the events of the week, only to expose how intolerable any wavering, any turning back, must be to the American people in this hour when they have but begun to make their purpose and their power felt. The All-College Rally went on record for all time as a Rally to Win the War. Its purpose was wakened again by the stirring speech of Lieutenant Andree Morize. "We ask you not to save France," said this French soldier, "but to save the cause."

"What this meeting accomplished for the renewal of American resolve should be accomplished alike in every city and State of the country. There cannot be too many 'Win the War' meetings here or elsewhere. They are eloquent of the people's purpose."

## MUSICAL CLUBS GIVE CONCERT AT BRIDGEWATER

### Concert and Dance Have Great Success at Howard Seminary.

The concert given by the Musical Clubs at West Bridgewater last Friday night in the Howard Seminary proved to be a very successful affair and was well received by the large audience which attended. The party making the trip departed from the South Station on the 4.39 train arriving at West Bridgewater about 6.15 o'clock. Upon arriving they went to the Seminary where they were served with an excellent turkey dinner. After dining the Clubs went to the big assembly hall in which the concert was given.

The numbers rendered were practically the same as those of all the previous concerts of the Clubs, but nevertheless the audience was highly gratified at the quality of the music. In addition to the regular students of the seminary there were many outsiders from

(Continued on page 3)

# The Tech

Established 1881

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

Published twice a week during the college year by students of the Massachusetts Institute of Technology.

## MANAGING BOARD

Paul C. Leonard '17.....Chairman of the Board  
Donald D. Way '19.....General Manager  
Count B. Capps '20.....Managing Editor  
Lincoln B. Barker '21.....Circulation Manager

Subscription \$1.50 for 53 issues, in advance. Single copies 3 cents.  
Subscriptions within the Boston Postal District or outside the United States must be accompanied by postage at the rate of one cent a copy. Issues mailed to all other points without extra charge.

News Offices, Charles River Road, Cambridge, Mass. News Phones, Cambridge 2600; Tuesday and Thursday after 7 p. m., Cambridge 6265. Business Offices, Charles River Road. Business Phone, Cambridge 2600.

Although communications may be published unsigned if so requested, the name of the writer must in every case be submitted to the editor. The Tech assumes no responsibility, however, for the facts as stated nor for the opinions expressed.

The Editor-in-Chief is always responsible for the opinions expressed in the editorial columns, and the Managing Editor for the matter which appears in the news columns.

## IN CHARGE THIS ISSUE

Albert Kruse '20 R. H. Smithwick '21

WEDNESDAY, FEBRUARY 20, 1918

## THE STUDENT TAX

IT has become necessary to remind upperclassmen that the student tax is again due, and should be paid immediately at the Bursar's office. The payment of this tax is in a sense of fairness compulsory, and the "dodger" is a slacker of the worst sort.

In the first place, the tax was instituted by the students, and is the principal means of support for undergraduate activities, for class functions, and for medical aid. Thus it is of direct importance to every student. For years, the various organizations had to support themselves, and the burden of payment fell to the lot of a few. Many of the activities were in debt and in order to obviate this difficulty a committee of students with much labor decided upon a figure which would cover all expenses. Now that this tax has been approved by the faculty and alumni, and incorporated into the rules of the Institute, it should not be ignored by the students.

Furthermore, the freshmen are required to pay the tax, and if the upperclassmen fail to assume their share of the burden, they will be "sponging" on the new men for the support of their activities. This is a condition which should put to shame every man who has failed to pay his tax, and should cause him to remedy his fault as soon as possible.

## WASHINGTON'S WAR AND OURS

A CENTURY and a quarter ago, the great man whose birthday we celebrate this coming Friday was engaged in bringing to a close the war for American independence. Today, we are seeking to bring to a close the war for World Independence. This first striking parallel leads us to look deeper into the congruity of the two periods.

During the Revolutionary War, we were engaged at great odds with a country of vastly superior strength, backed by tremendous resources. Our people and soldiers were compelled to suffer almost unprecedented hardships, and willingly sacrificed everything for the cause of Liberty. Led by one of the greatest soldiers of all times, they won and threw off the yoke of despotism. It was only the unselfish, unflinching courage of this great leader and his followers that made such a glorious victory possible; it was only the willingness of every patriotic colonist to do his bit that made America the great nation it is today.

We are now engaged in war with a country in many ways superior to our own, and again we are at a big disadvantage this time because of the distance we must send our troops. Our people, however, are far more comfortably situated, and our soldiers far better equipped than were Washington's. Our position, our cause is much brighter than was the cause of American freedom when Washington took command of his little army. We have every reason to feel hopeful. But have we the great winning asset which carried Washington to victory? Have we the willingness to sacrifice everything, to bend our energies untiringly toward the overthrowing of the great tyrant power? Without this true patriotism our cause is more hopeless than was the cause of 1776.

The Tech wishes to announce the following elections to its board: Count B. Capps '20 to the position of Managing Editor; L. B. Barker '21, to the position of Circulation Manager. Kenneth Roman was elected to the position of Night Editor from the position of Assistant Night Editor.

Would you believe that 280 men who pledged money for the Y. M. C. A. fund payable December 15, 1917, have not yet "come across"? Such, however, is the case, and we hope the delinquent ones will pay as soon as they can.

Less whistling in the corridors during recitation hours, please!



OKLAHOMA—For the first time in history, so far as we can find out, a girls' glee club will make a concert tour. Sixteen members of the "Sooner" Musical club will make a four day tour, commencing March 4 and taking in four of the larger cities near the university. If the trip is successful, another one of longer duration will be attempted later in the spring.

WISCONSIN—Outdoor winter sports, skating, ice hockey, skiing, tobogganing and cross-country hiking—are taking the place of the usual indoor gymnasium classes and other gymnastic work at Wisconsin since the closing of the gymnasiums of both men and women on January 21 in order to save coal. Basketball practice is being held in other buildings and the cadets are drilling in the unheated armory.

CORNELL—Daniel A. Reed '98 line coach of last year's gridiron team, who has just returned from Europe after an extensive tour of inspection on the Allied front and behind the lines, will return to Ithaca, in March at the invitation of President Schurman and will deliver a number of lectures. At present he is making a speaking tour of the western states for the federal food administration.

OHIO STATE—All Freshmen are required to undergo a thorough physical examination at Columbus before being assigned to training classes in order that defects may be corrected by specially directed training. All new men reporting for the first time absolutely must take the examination, there being no excuse acceptable. Beneficial results have been obtained from this system in past years.

McGILL—Another McGill hero has returned on sick-leave with some interesting tales from "over seas." He is Lieut. O. Gangier, of the Royal Naval Flying Service, whose recent encounter with two German planes 6000 feet in the air above the German lines resulted in his dashing to the ground in "No Man's Land" where he lay for more than a day, given up for dead by both sides, until he was finally able to crawl to the British lines. Wounds from the German machine guns necessitated the amputation of his left arm. He goes back to England as an aerial instructor within a month.

TEXAS—Recognizing the community interests of the regular students and the members of the United States School of Military Aeronautics at Austin, the Daily Texan now runs a column devoted to news from S. M. A. entirely. The graduation of each squadron is run, as is the arrival of a new squadron, so that the students in the university are able to find out at any time "who's where and when." The column has been especially useful in keeping track of former "Longhorns."

NEBRASKA—Griffith "Squirt" Owen, captain-elect of the 1918 Varsity track team, has just tendered his resignation to the athletic director. Owen has been at San Antonio in the aviation camp, but expected to be able to return to college this semester. His inability to do this necessitated his withdrawal. His feat is running the last 300 yards of the quarter-mile in the Nebraska-Kansas meet last spring minus one of his running shoes, so that his foot was terribly lacerated by the cinders, won him undying admiration among the corn-huskers and his loss is keenly felt at Lincoln.

YALE—The Yale Alumni Weekly has finally completed its record of Yale men in military service and comes forth with the startling announcement that 5,800 are so engaged now, 1,055 being overseas. From figures so far made public concerning the enlistment from other universities and colleges, Yale apparently leads America. Of the 4,500 in active military service at home and abroad, over 2,000 are commissioned officers. Field artillery has proven the most popular branch of the service, 808 men having gone into that, of which 703 hold commissions. This latter is attributed to the fact that an extremely good course in field artillery was instituted in 1915 at the suggestion of Pres. Hadley. The youngest major in the Yale quota is Pres. Hadley's son, Morris Hadley '16, who was commissioned at the first reserve officers' camp.

## PROM COMMITTEE ELECTIONS WILL BE HELD TOMORROW

Five Juniors Are To Be Chosen From The Ten Candidates.

The election of the Junior Prom Committee will be held on Thursday, February 21, in the Main Lobby from 11 o'clock. Five men are to be elected from the following: Stanton H. Breed, Louis A. Brown, Lawrence M. Dalton, Harold J. Daube, Charles W. Drew, George A. Flemming, Walter T. Hall, Arthur C. Kennison, Eugene R. Smoley and Joseph H. Tooley.

## STRICTLY CUSTOM-MADE TECH UNIFORMS

Custom-Made Means a Perfect Fit

Every garment is cut and tailored to suit you individually. I have a limited amount of Tech O. D. goods on hand.

Pants \$10.00

Suit \$28.00

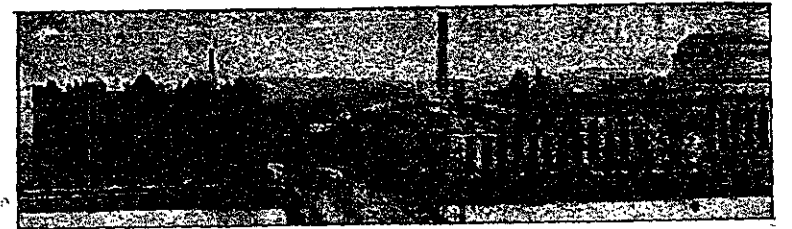
**William Murray**

CUSTOM MILITARY TAILOR

Phone 3792 Beach

77 BEDFORD ST., BOSTON

A telephone call will bring my representative to take your measure



## Riverbank Court Hotel

Located Opposite Institute of Technology

CAFE WITH TABLE D'HOTEL AND A LA CARTE SERVICE  
SPECIAL DINNER AT 5.45-75 CENTS

Menus Submitted for Banquets Dutch Room for Dances and Assemblies  
Dinner Dances from 6.30 to 11.00

Telephone 2680 Cambridge

## Iron :: Steel :: Metals Arthur C. Harvey Co.

374-394 Congress Street BOSTON, MASS.

TELEPHONE, MAIN 7000

TOOL STEEL	SHEET IRON	BOILER TUBES
PLATE STEEL	CONCRETE RODS	METAL LATH
SOLDER	COPPER	ZINC

We Are Equipped to Cut to Length Anything Carried in Stock

## NEW ENGLAND STRUCTURAL CO.

INDUSTRIAL ENGINEERS

and

SPECIALISTS IN STEEL CONSTRUCTION

Complete Contracts for Power Plants, Factories,  
and all Industrial Enterprises

Works:

Sales and Engineering Office:

EVERETT, MASS.

110 STATE ST., BOSTON, MASS.

## SIMPLEX WIRES AND CABLES

INSULATED WITH RUBBER, PAPER OR CAMBRIC

Send for

THE SIMPLEX MANUAL

**SIMPLEX WIRE & CABLE CO.**

MANUFACTURERS

201 DEVONSHIRE ST. BOSTON  
CHICAGO SAN FRANCISCO

## RHODE ISLAND TOOL CO.

WILLIAM C. DART '91, President

MANUFACTURERS OF

BOLTS, NUTS, CAP AND SET SCREWS,

SCREW MACHINE PRODUCTS

QUALITY FIRST

PROVIDENCE, R. I.

## MECHANICAL ENGINEERS

Several openings for high-grade men on machine design, detailing, and machine development. Experience on automatic and labor saving devices essential. Permanent. Give full details on experience, salary, etc., in first letter. Address: Employment Dept., National Carbon Co., Inc., Cleveland, Ohio.

## The Merchants National Bank OF BOSTON

BANK BUILDING 28 STATE STREET

Capital .....\$3,000,000

Surplus and Profits ..... 3,940,000

Conveniently located and readily accessible from any section of Boston and suburbs, this institution welcomes the accounts of individuals, firms and corporations.

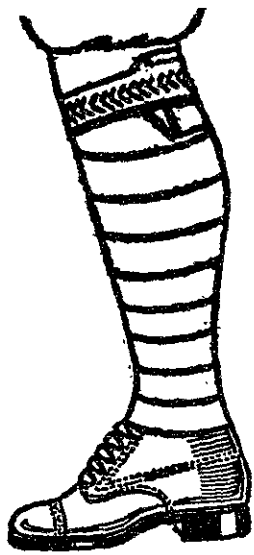
**JUST ARRIVED--In Our**  
**Completely Equipped Military Section**  
**An Overseas Shipment of**

## Spiral (Genuine Fox's) Puttees

A cloth non-frayable perfect fitting puttee for army use.

Price **\$5.00**

Jordan Marsh Company



## ARCHITECTURAL SOCIETY HEARS OF DESTRUCTION OF REIMS CATHEDRAL

Professor Cram Describes Vividly the Bombardment of One of the World's Greatest Works of Art

The members of the Architectural Society were the guests of the undergraduate associations at a smoker held in Rogers Building recently. Professor Cram of the Department of Architecture gave an illustrated lecture on German fury especially as seen in the destruction of the Cathedral at Rheims. Professor Blackhall announced that at another smoker to be held Tuesday, March 5, when, Mr. R. C. Sturgis would address the society on "Ethics of the American Institute of Architects". This talk will be in answer to some of the ideas set forth by Mr. R. H. Blackhall, a prominent Boston Architect, in a recent lecture before the society.

Professor Cram's lecture follows in part:  
"Materialism on the one hand, transcendentalism on the other, are synonymous of mortality; only when they assemble in union, each playing its own part, each reacting creatively on the other, have we that just balance that is man at his best and society at its highest, in accordance with the will of God.

"And it is this philosophy that, explicitly by ecclesiastic and scholar, explicitly by free-man and peasant, was accepted as the working basis of life during the great age of civilization we call Mediavalism, and that showed itself in its fullness, in one way at least, in the churches and abbeys and cathedrals of which Rheims is the eternal type as it is the latest martyr to that materialistic philosophy that is the antithesis of sacramentalism.

"Each day as the shells burst around and through Rheims Cathedral as they have now burst going on four years and each day as the calcined stones drop away from the dissolving fabric of man's too ephemeral civilization, we feel and powerlessly lament the grim vanishment of pure beauty, but still more the cold killing of a living thing that was part of our conscious life. In this sense we must regard Rheims even when we study its perishing forms. It was the perfect expression in time and space of a great religion and a great philosophy.

"Only four years ago we might have wandered through garden and street with never a thought that the little matters of our day would ever change. Now we should pick our perilous way through ashes and calcined stone and split fragments of shell, under toppling, fire-scarred walls, as we cast fearful glances up at the slowly dissolving masterpiece, windowless, shattered, blackened by smoke and leprously blotched with the livid scars of scorching fire bursting shell. And nowhere a sign of living thing; only the clatter and fall of some fragment of dislodged sculpture, with now and then the scream and crash and leaping smoke of a shell from the Prussian batteries on the eastern hills.

"Of the glass that remained that on that fateful day when from the eastern hills the Huns began to search with their shells for this miracle in stone that they might destroy it utterly and so rid themselves of its silent reproach to their savagery there is little to say. It ranked with the glass of Bourges and Chartres, and there is no greater glory than this. Every atom of this glass that is destroyed is so much eternally lost to the dissipating treasure of the world. The glass of Rheims that on the first of August 1914 stood unscathed, as it had stood for six centuries, is gone, shattered in scintillant fragments on the wreck-strewn pavement and the splinters are become the settings in soldiers' rings.

"So far as supreme art is concerned man has never achieved anything greater, and so far as we can see now, never will. Because of this, it has been doomed

to destruction and it has been destroyed. On the second of September, 1914, as part of the terrible retreat of the French and British forces before the avalanch of hell hurled across the stricken fields of Belgium, Rheims was evacuated, and two days later at 9.22 A. M. the first shell from the Prussian batteries burst over the Cathedral, followed that day by 175 others. At night the Germans entered the city, on the anniversary of its occupation in 1870, only to leave it again on the twelfth after the Miracle of the Marne. From 5 A. M. on the 14th until 2.30 P. M. of the 20th the bombardment was persistent, and at the latter hour an incendiary bomb took effect and the Prussians had the unholy joy of seeing the noblest Christian church of the middle ages burst into flames. Thus far the vaults, walls and buttresses were intact and but little of the glass had suffered, though here and there shells had torn the great windows. Little by little the great windows gave up their glass that shattered down on the growing heaps of debris on the floor below, while bars and stalls crumbled under the hail of shell-shards and shrapnel.

"It was all deliberate work and wanton. The cathedral served no military purpose whatever and was never so used. I received from the German "Great General Headquarters" a carefully drawn map of the Cathedral, the Prussian batteries, and between the Boulevard de la Paix, a suppositious French battery which was supposed to be annoying the Germans and from military necessity simply had to be silenced. In the process a few stray shells had hit the Cathedral which was an accident greatly to be deplored. And this way was stamped by the "Great General Headquarters." At best it was a grotesque lie.

"From Easter Sunday on, the hate of the Huns centered on the Cathedral. Everywhere the great city was burning, the Cathedral was the chief target and shot, shell and shrapnel veiled it in smoke and flame. One after another great rents opened in the vault, interior columns were shattered, window traceries blown in, pinnacles shattered, flying buttresses splintered and destroyed. And still it stood and stands today. God knows how.

"If the buttresses still hold, and the vaults, as they have held through three years of intensive bombardment, then when the peril of a reign of Antichrist is turned away, there must be no restoration in the 19th century sense. Rheims must be preserved and made secure; yes, and so rehabilitated that Mass may again be said within the sacred walls, but between restoration and repair there is a great gulf. Every fragment of sculpture and of carved stone must be piously recovered from the wreck, and these must be replaced without the intervention of new work. The roofs must be rebuilt, the gaping hole in the vault repaired, the buttresses made secure here the work should cease. Every scar, every mutilation that does not injure the integrity of the fabric should be left exactly as it is.

"There are two reasons for this. In the first place we know that restoration is a sordid crime. We are barbarians compared with the men of art of the 13th century. In the second place the scars of the 20th day efficiency, as exemplified by the most efficient people of that time, should be scrupulously preserved, partly in order that memory of what the Germans have done, and what they were, may never be lost as long as Rheims shall stand, partly as a shame and a warning for them that exalted the ideals and methods of modernism over all others."

### TECH CLUB OF PHILADELPHIA SENDS LETTER

The next meeting of the Technology Club will be held on Wednesday evening March 6, 1918. Mr. H. L. Moody '07, of the Westinghouse Company will speak on "Steam Turbines." There will be the usual informal dinner at 6.30 p.m. and meeting at 8.15 p.m.  
February Meetings

A special meeting was held at the Drexel Institute on the evening of February 12th, to meet Professor C. Frank Allen '72, of the Civil Engineering Department of Technology. Professor Allen was returning from a trip among the various alumni clubs, Detroit, Chicago, Minneapolis, St. Louis, Kansas City, Akron, Cleveland, Indianapolis, Urbana, Cincinnati, Pittsburg and Washington. Professor Allen's accounts of the various activities of the new Institute at Cambridge and the news items which he brought from the various alumni centers were most interesting. The major part of Professor Allen's talk was of course devoted to the war activities at the Institute and the work of the alumni in connection with the war, but the many intimate stories of the present student life and reminiscences of the older Professors at the Institute were much appreciated. The thanks of the Club are due our fellow alumnus "Allen, class of seventy-two," and to Dr. Godfrey and Professor Ryder for their hospitality at Drexel Institute.

The regular February meeting was held at the Engineers Club on Wednesday, February 6th. Mr. W. R. D. Hall, Secretary of the Publicity Bureau of the Philadelphia Chamber of Commerce, spoke on the "Engineering of Civic Efficiency." The purpose and functions of a Chamber of Commerce were described, and its activities considered in relation to "Engineering."  
Mr. Hall described the work of a Chamber of Commerce in providing means for discussion of community affairs and in crystallizing public opinion. The Philadelphia Chamber of Commerce

was described as being a typical example. It is divided into the following Bureaus with paid secretaries—Charities, Conventions and Exhibitions, Foreign Trade, Industrial, Transportation, Membership and Publicity. In addition there are Committees on Agriculture, Banking & Currency, Insurance, Law, Legislation, Entertainment, Finance, Harbor & Navigation, Municipal Affairs, Postal Affairs, Public Utilities, Trade Expansion, War Shipping and an Executive Committee. The membership of the Chamber of Commerce is further divided into groups according to professions and trades with Chairmen for each group, the Chairmen being members of a Council which is an advisory body to the Board of Directors.

For the year 1918 the Philadelphia Chamber of Commerce has planned active constructive work in connection with

1. Plans for a Greater Philadelphia including parts of Delaware and Bucks Counties.
2. Plans for Arbitration of commercial disputes.
3. Improvements in street cleaning methods in Philadelphia.
4. Revision and readjustment of tax assessments and tax rates.
5. Organization of "retail groups."

The above are normal activities of the Chamber of Commerce, but during the present year, various war committees are at work, the most active at present being the War Shipping Committee, and the members are unselfishly devoting their time to Government affairs.

Sincerely,  
Nataniel A. White,  
Secretary.

### Found Articles

The following articles have been found around the Institute and can be called for at the Superintendent's office, Room 3.005.

- 1 pair chamois gloves.
- 1 gray mocha glove.
- 1 gray silk scarf.
- 1 gray woolen mitten.
- 1 brown kid glove.
- 1 copy "College Physics."
- 1 copy "Electrolytic Dissociation."
- 1 copy "Theory."
- 1 Signal Corps pin.
- Knives.
- 1 celluloid rule.

### CONCERT AT BRIDGEWATER

(Continued from page 1)

the neighboring towns, particularly Brockton, present.

After the concert was over, the visitors adjourned to the dormitory for an informal dance. A novel method was inaugurated for the selection of partners and proved to be popular. The names were written on cards to which strings were attached and the cards were placed in a basket. Drawing for partners then took place and much amusement was caused by the attempts of some to find the one whose name they had drawn. Dancing continued until midnight.

The largest events of the term for the Clubs will be the concerts at Wellesley on the 22nd and 23rd of this month. They will be given together with the Wellesley College Musical Clubs for the benefit of the Red Cross. A particularly attractive program is promised, for in addition to selections by the separate organizations, there will be several combined numbers.

The schedule for the team also includes concerts at Lynn and Salem next month. Manager Dalton is making arrangements for other concerts and hopes to be able to announce some definite dates soon. It is probable that the Clubs will take a trip to Camp Devens soon, to give an entertainment for the soldiers.

## All Walker Memorial Dining Rooms

Are Open to All Tech Men NOW

Open Daily and Sunday



### STONE & WEBSTER

FINANCE public utility developments.

BUY AND SELL securities.

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.

NEW YORK BOSTON CHICAGO



Complete stock of

Drawing Materials

Manufacturers of

BLUE PRINT PAPER

SPAULDING—MOSS CO.

Drafting Room Furniture

Tell Us Your Requirements

Catalog on Request

A. H. Spaulding '14

### Headquarters M. I. T. War Service Auxiliary

491 Boylston St., Boston  
Information Bureau open daily. Workroom open Monday and Thursday afternoons, Tuesday, Wednesday and Friday mornings. Everyone interested in Technology welcome, as visitors or workers.

Technology Bureau  
University Union  
8 Rue Richelieu, Paris  
London Branch, London

## VENUS PENCILS



These famous pencils are the standard by which all other pencils are judged.

17 black degrees  
6B softest to 9H hardest  
and hard and medium copying  
Look for the VENUS finish



**FREE!**

Trial Samples of  
VENUS Pencils  
and Eraser sent  
free.

Please enclose 6c in stamps for packing and postage.

American Lead Pencil Co.  
215 Fifth Avenue, N. Y.  
Dept. 26

### Cambridge Radio School

Day or Evening Classes  
Private Lessons  
166 Prospect Street  
Corner of Broadway

#### FOR HIRE

PACKARD TWIN SIXES  
Touring Cars, Limousines and Landaulets  
by the hour, day, week or month.  
CAREFUL COMPETENT CHAUFFEURS  
FRANK McCANN  
16 CAMBRIDGE ST. BOSTON, MASS.  
Telephone, Back Bay 4066-4067



FINE STATIONERY, ENGRAVING  
and PRINTING, WEDDING, CLASS  
DAY and CLUB INVITATIONS,  
RECEPTION and VISITING CARDS

STUDENTS SUPPLIES  
and LOOSE LEAF DEVICES

57-61 Franklin St.

### MISS A. I. DARLING

Typewriting--Multigraphing  
Wide experience in scientific work of all  
kinds. Theses, reports, notes, etc.  
Foreign languages. French a specialty.  
Dictation taken directly at machine.  
Accurate and neat work. Reasonable  
prices.

1388 Massachusetts Avenue  
Rooms 3 & 7  
HARVARD SQUARE  
Telephone Cambridge 884-W

WANTED—About thirty stu-  
dents to work during lunch hours.  
Apply to D. N. RUBIN, in  
Walker Memorial Dining Room.

### Herrick's Theatre TICKET AGENCY

Has the Best Tickets  
for Every Show  
in Town.

Copley Sq. Tel. BB. 2328

### INSTITUTE GASED DURING CLASSES SATURDAY NOON

Mysterious Fumes Pervade Building 2  
from Government Laboratory

To all those who thought that the  
Germans were indeed making a sur-  
prise gas attack on the Institute Sat-  
urday morning an explanation is due. The  
exact identity of the gas is unknown  
because it was done in connection with  
secret experimental work for the  
Government, but it resembles sulphur  
dioxide in its action on the membranes  
of the throat.

The chemist, who was Lieutenant  
Adams 13, and his assistant left their  
deadly stuff in what was thought to  
be a perfectly safe condition—and, after  
locking the laboratory which is located  
on the second floor of building two near  
Professor Walker's office, went out for

### ADVERTISING COMPETITIONS WILL START NEXT MONDAY.

The Most Capable Men Will Be Given  
Position On The Staff.

A special competition for positions on  
the Advertising Staff of the Tech will  
start on Monday, February 25. This  
competition is for the benefit of the  
Junior Freshmen, but will be open to  
the members of all classes. Those  
wishing to enter this competition, which  
will last two months, should report in  
THE TECH office, which is in the Ac-  
tivities Building, opposite the Co-op,  
on Monday, February 25 at 5 o'clock.

Owing to the fact that a large num-  
ber of men have left the staff to enter  
the service there are excellent oppor-  
tunities for rapid advancement. Never  
in the history of THE TECH has a  
man with the capability had more  
chance to make good than at the pres-  
ent time.

At the end of two months the most  
capable men will receive positions on  
the staff while the remaining men will  
enter a second competition to be placed  
on the staff later. No experience of any  
kind is necessary.

### TECHNOLOGY WOMAN GETS IMPORTANT POSITION.

Miss Helen Jordan Takes Over Virginia  
Laboratory.

One of the bits of information at  
Technology today with reference to the  
movements of former students, is the  
announcement of the appointment of  
Miss Helen Jordan to be in charge of  
the bacteriological laboratory at Nor-  
folk, Va. This is an almost instan-  
taneous confirmation of the thesis main-  
tained by Professor W. T. Sedgwick,  
that there is large demand,—and this  
demand will increase greatly in the  
future,—for women in laboratories,  
chemical and health.

Miss Jordan is the second person  
from his courses at Technology that  
Dr. Sedgwick has sent to Norfolk, where  
the health commissioner, Dr. Powhatan  
Schenek is one of the standbys of the  
great sanitary movement in the South.  
Henry Goodwin Parker, B. S., a na-  
tive of Portsmouth, Va., who before  
coming to the Institute had received  
the degree of B. A. from William and  
Mary, was last year a senior in the  
public health courses and on gradua-  
tion was sent to Norfolk where he was  
placed in charge of the laboratories.  
The demand for skilled men was such  
by the military authorities that he  
was impressed into the army and is  
now in the medical corps in Wash-  
ington awaiting an assignment.

Miss Helen Jordan is Boston born,  
the daughter of Professor James O.  
Jordan of 60 Cushing Avenue, Dorches-  
ter, head of the food and milk divi-  
sions of the Boston Health Depart-  
ment.

For some months Professor Sedgwick  
has been calling the attention of stu-  
dents, especially women, to the field  
which is opening to them, and has ad-  
dressed the different colleges and num-  
bers of gatherings aside from these.  
"The need of trained sanitary workers  
will not cease with the coming of  
peace," he writes, "for many of the  
problems for the protection of the pub-  
lic will be then more urgent than ever  
before." The regular supply of sani-  
tarians will be depleted, some of them  
actually lost and many others diverted  
into collateral channels through inter-  
ests aroused by their war work. On the  
other hand there will be burdens of  
poverty and ill-health laid on the popu-  
lace, and in the train of these diseases  
which war and the lowering of vital re-  
sistance promote, which will be heav-  
ier than ever. The field for workers  
in sanitation will therefore be in-  
creased and the needs even more press-  
ing."

Professor Sedgwick, therefore, is  
preaching that it is the duty of all  
educational institutions to speed up,  
and especially those which are in a  
position to help towards turning into  
technical work the men and women who  
are competent so that the gaps may  
be filled which are already showing in  
the ranks of sanitary engineers, sani-  
tary chemists and sanitary biologists,  
and workers in public health in all its  
departments.

lunch. The reaction however continued  
more violently than was expected; so  
that the heavy white fumes had soon  
spread out through the first two floors  
of that section of the building. It was  
quickly reported and entrance was gained  
by means of the master key, when  
Mr. Lewis took charge, opening the  
windows, and getting all students away  
from the immediate vicinity of the danger.

### TO PROBE DISLOYALTY OF AMERICAN PROFESSORS

(From the Patriotic News Service—National  
Committee of Patriotic Soci-  
eties, Washington, D. C.)

At the meeting of the Executive Com-  
mittee of the National Security League  
held in New York on Feb. 6th, resolu-  
tions were passed urging upon presi-  
dents and governing boards of American  
universities and colleges an inquiry into  
the loyalty of member of their faculties  
with a view to the removal of any one  
who are found to be disloyal. Copies  
of these resolutions are to be forwarded  
to all university presidents and to the  
presidents of all alumni organizations.

University instructors whose loyalty  
has been in question, are particularly  
apt to be found teaching the German  
language or literature, and though the  
greater number are German-American,  
it would be a great mistake to assume  
that loyalty is determined by ancestry.  
Among the German-American professors  
teaching German are to be found some  
of the staunchest patriots, whereas in  
other departments than German are men  
whose non-German American citizen-  
ship extends back into Colonial times,  
but who are as much the Kaiser's aid  
as those marching with his army. All  
tests of loyalty should therefore be  
based upon words and deeds alone.

One reason for the concentration of  
disloyalty within the German depart-  
ment of our American universities, is  
that now for a number of years it has  
been in vogue to teach German through  
the "Realien" or the "Anschauungs-  
punkt," that is to say, the German way  
of looking at things, or in plain lan-  
guage, "Kultur." This has been reflect-  
ed in the newer texts now in use and  
in the increased propaganda which has  
been conducted outside as well as in-  
side the university by professors in  
the German department. Such propa-  
ganda has had for its special objects  
a stimulation of the continued use of  
German by our German immigrants and  
their descendants, and the emphasizing  
of the superiority of German ideals and  
methods to those of this country.

The methods of conducting such  
propaganda, familiar to those who have  
watched it from state universities in  
the Middle West, have been for the Ger-  
man professor to arrange for lectures  
on some special German topic, or merely  
German culture, where possible in the  
German language; and to a very large  
extent, the Lutheran pastors and Catho-  
lic priests in charge of German paro-  
chial schools have been the coadjutors  
in this movement. In one state in  
which the Sons of the American Revolu-  
tion was presided over by a pacifist,  
this state organization has been exten-  
sively used for German propaganda  
through making the head of the German  
propaganda in the state the "State  
Manager of Americanization Movement."

Pro-German activities within our uni-  
versities assumed entirely different char-  
acter with our own entry into the war.  
Before we had declared that a state  
of war existed with Germany, some  
professors were most outspoken in their  
German sympathies and freely made use  
of their class-rooms to conduct German  
propaganda. Our government was dis-  
credited for not having put an embargo  
upon the shipment of munitions; the  
rape of Belgium was defended; and Ger-  
man superiority and efficiency were ex-  
tollled. Those bold spirits among their  
students who dared offer defense of the  
allied countries, did so at the risk of  
being marked down in scholarship. It  
is freely reported of one professor that  
he sold tickets in his class-room for the  
lecture given by the Kaiser's special  
representative in this country, and in-  
directly he made attendance compul-  
sory by announcing a written test on  
the ideas presented by the lecturer.

A considerable number of professors  
who are now alien enemies through their  
German citizenship, are still in their  
places, though they are notoriously an-  
ti-American, and if they are not now  
preaching "Kultur," it is because they  
are covered by the atmosphere in which  
they find themselves. One such profes-  
sor upon his frank statement has re-  
fused since the beginning of the war to  
read any American newspaper, and con-  
tinues to draw his inspiration from his  
"New Yorker Staatszeitung."

Americans need to be reminded that  
when the time was drawing near for  
the launching of this war, Germany  
passed the infamous Delbrueck law  
which allowed Germans domiciled in  
foreign countries to become natural-  
ized there while retaining their al-  
legiance to Germany. This has been a  
balm for base minds and has greatly  
facilitated the operation of German  
spies and agents generally.

A naturalized German-American profes-  
sor in one of our great universities  
frequently prints in our popular mag-  
azines papers written in a scholarly man-  
ner and with the affectation of great  
reserve, but in a recent article in Har-  
per's Magazine he has described Ger-  
many's government as a rule by ex-

## THE BRUNSWICK

announces

## AFTERNOON TEA DANSANTS

from four to six daily

SEVENTY-FIVE CENTS PER PERSON

with Music by

MEYER DAVIS' ORCHESTRA

Dinner Dances daily from seven to eleven

## GERMAN WAR PRACTICE

Destruction of the Library of the  
University of Louvain

From an article in the London Times of November 4, 1915, by M. E. Durham,  
quoting Professor Leon Van der Essen, who had recently seen the librarian,  
Professor Delannoy, who went to the spot August 27, 1914, to see whether any-  
thing could be saved:

"The Germans did not penetrate the building, but contented themselves with  
smashing the main window looking on the Vieux Marche. Through that  
window they introduced some inflammable liquid and fired a few shots, caus-  
ing an immediate explosion.

"On the night of Tuesday, the 25th, a father of the Josephite College, which is  
located a few yards from the spot where the Germans smashed the main win-  
dow, called the attention of the commanding officer to the fact that the build-  
ing he was going to destroy was the University Library. The officer replied,  
textually, 'Es ist Befehl!' (It is the order.) It was then 11 p. m. These are  
the facts."

That our own Universities and Libraries have not suffered the fate of Louvain  
is due to the unbroken line of our Allies. To secure to all peoples, great and  
small, self-government and the peaceful use of learning, the United States is  
at war.

SCHOLARS may help by saving now to  
buy Liberty Bonds for themselves and  
counselling others to do so.

LIBERTY LOAN COMMITTEE OF NEW ENGLAND

Liberty Building, Boston

## Old Colony Service

An efficient and courteous organization, pro-  
gressive methods, large resources, and three  
offices, conveniently located in different sec-  
tions in Boston, combine to make the Old  
Colony Trust Company the most desirable  
depository in New England.

Three Modern Safe Deposit Vaults

## Old Colony Trust Company

17 Court Street

52 Temple Place BOSTON 222 Boylston St.

parts "supervised by popular assem-  
blies." Such a statement from this  
source does far more mischief than  
books issued by Munsterbergs and von  
Macha. In an elementary German text  
entitled "Im Vaterland" still widely used  
in our schools and colleges, there is a  
poem by this professor which in the  
preface readers are advised to commit  
to memory. This poem begins with the  
following stanza (translation):

"O Germany of all they children  
None love thee so much as we,  
We that be far from thee,  
Germans across the sea."

It is a wholesome symptom of an  
increasing national consciousness that  
this text with its laudation of Kaiser  
and Fatherland, a book shaped by Ger-  
man professors in Germany for Ameri-  
can usage, has been thrown out of many  
of our schools.

In at least one university where a  
United States aviation school is locat-  
ed, the Federal government has not  
waited for the university authorities  
to act, but has required that alien  
enemies be removed from the faculties  
of the institution. Other universities

such as Columbia, Michigan and Minne-  
sota, have upon their own initiative  
made a beginning and removed the most  
objectionable of their disloyal profes-  
sors. Generally, however, it is true that  
the larger number still remain keeping  
more or less aloof from their surround-  
ings, and being shunned by their Ameri-  
can colleagues.

### EYES FOR NAVY

The college men and women of the  
United States can be of great service  
in getting the members of their families  
and other friends to contribute to the  
Navy, Binoculars, Spy Glasses and  
Telescopes.

The number of glasses available today  
is wholly insufficient and the need must  
be met quickly.

All articles should be securely tagged  
giving the name and address of the  
donor, and forwarded by mail or express  
to the Honorable Franklin D. Roosevelt,  
Assistant Secretary of the Navy, care  
of Naval Observatory, Washington,  
D. C., so that they may be acknowl-  
edged by him.