

## SERVICES OF AERO CLUB OFFERED TO GOVERNMENT

Will Carry on Research Work  
and Machine Testing—Many  
Former Members Already in  
Official Services

### CLUB OFFICES TO BE FILLED

The Aero Club of the Institute has offered the Government its services for the testing of airplane engines and materials, and for general research work in aeronautics. The club is to have a series of lectures on "Fluid Dynamics" by Professor Franklin of the Institute and Mr. C. D. Hanscomb, a graduate student at the Institute and a former president of the Harvard Aeronautical Society. Lectures on "Airplane Design" will be given by Mr. E. P. Warner of the Institute Aeronautical Department. The club also plans a course of lectures on "Gas Engines" to be given by an instructor of Technology.

Lieutenant Morize, one of the French Army officers stationed at Harvard, will speak before the club some time soon on "Aviation in Connection with the War." Members of the Mechanical and Electrical Engineering Societies and of the Army and Navy Flying Schools are invited to attend. Lieutenant Morize was wounded at the battle of the Marne, and again at Verdun, where he was one of seventeen out of a thousand who returned alive from an attack.

(Continued on page 3)

## KOMMERS SMOKER

### Tech Show Management Will Entertain Undergraduates

The first important event run by the undergraduate activities this year will take place Thursday, October 25, when the big hall of the Walker Memorial will be turned over to the Tech Show for the annual Kommers' Smoker. Arrangements have been made by the Show management to entertain the entire undergraduate body at this smoker, and all students, and particularly those interested in dramatics, are invited to be present.

Mr. William Duncan, coach of last year's musical comedy, and R. H. Whit '16, author of Tech Show 1916, will address the guests, and will acquaint the new men with the character and organization of the Show.

Members of the casts of former years will entertain the students with sketches from the plays, and they will try to give the freshmen and other new students an idea of the class of musical comedy produced during the last few years.

Following out the main idea of the smoker, members of the management will explain what has been so far accomplished in the preparation of this year's Show, and announcements will be made concerning the coming competition for the cast, chorus and management of the play.

### TECHNIQUE COMPETITIONS

All Sophomores intending to compete for a position on the art staff of Technique 1919, and for the positions of Art Editor and Associate Art Editor of Technique 1920, are requested to meet A. L. Muller '19 this afternoon or tomorrow at 4.00 o'clock in Room 43A, Rogers.

The competition will be run under the direction of the art editor of Technique 1919, assisted by K. Reid '18, editor-in-chief of last year's Technique, and E. A. Grunsfeld, last year's art editor. Sophomores are admitted to the competition for positions on the Board of Technique 1920 at the present time in accordance with the new plan adopted by the Institute Committee. The appointment made by the committee of three who are running the competition will be final.

### INQUIRIES CONCERNING TECHNOLOGY MEN IN WAR SERVICE SHOWS NEED FOR COMPLETE RECORDS

During the last week several inquiries have been made at The Tech office concerning Technology men engaged in War Service. Most of this data we have been able to supply owing to the assistance already given us in collecting all necessary information.

Names of Technology men in service, their addresses, military rank, etc., are urgently needed by Technology organizations which are endeavoring to keep in touch with all such men.

The heads of several of the departments at the Institute are trying to keep a record of the men who took their courses. The Alumni office at the Institute is compiling a list which is later to be published in pamphlet form. The T. C. A. is also recording data of a similar nature. What they all lack most at the present time are addresses.

All records sent in to The Tech will be published and sent to each of these parties as well as to every Technology organization throughout the world. Don't assume that we have a name unless it has been published.

You owe it to the Institute, to your classmates, and to your friends to send any information of this character to the Managing Editor, The Tech, Massachusetts avenue, Cambridge, Mass.

### THE TAX

It is generally known that the Corporation voted to tax each student a certain sum payable as dues in the undergraduate association. This step was taken instead of raising the tuition and the tax is compulsory for the new students, and will in three years be compulsory for all.

The tax originally included the upkeep of the Walker Memorial, but the aviators are now using that building. Class dues are to be covered by the tax.

Health insurance is to be looked after and a doctor will be at the Institute for two hours or more every afternoon instead of only twice a week.

A large part of the money collected goes to athletics, covering the expenses of coaches, meets, material and other necessary expenditures. About \$300 goes to the Institute committee for current expenses.

All expenditures are approved by an advisory board appointed by the Corporation, so the money will be properly expended.

It was figured that 1800 men would pay the tax, but there are now only 1700 students enrolled at the Institute, so it can easily be seen that it is absolutely essential that everyone should pay up. Collectors have been duly appointed and it is to be hoped that their efforts will not be spent in vain.

MORRIS M. BAUER.

### ARMY ENLISTS QUARTER MILLION SINCE APRIL

A statement by Adjutant General McCain showed that a total of 223,526 men have voluntarily enlisted in the Regular Army of the United States since April 1.

Twenty-eight of the forty-eight states have exceeded their quotas. Pennsylvania, the quota of which was set at 15,330, sent sixty-eight more recruits to depots, bringing its volunteer acceptances up to 25,540, more than 10,000 above the mark set for it. Illinois has recruited 18,627, 7,000 men above its quota. New York had 24,613, an excess of more than 6,000 men. Ohio has exceeded its quota and Texas is within 191 men of the mark set for it.

### NAVAL ENSIGN SCHOOL LEAVES TECHNOLOGY

The Cadet School of Ensigns established last June at Technology was transferred to Harvard University yesterday. The removal of the records and apparatus of the school was previously made by Captin Parker, who is to have charge of the training of the cadets.

During its existence at the Institute the Cadet School accommodated but 50 students at a time, while at Harvard, owing to increased facilities, the capacity of the school will be raised to 150. At Harvard the sleeping and recreation quarters of the cadets is to be Holyoke House, one of the University dormitories, while their instruction will take place in Dane and Massachusetts Halls.

As at Technology, the courses will continue for the duration of four months, and, at the end of that time, the cadets will all be eligible to receive commissions as ensigns in the United States Navy.

### FRESHMAN CREW NEEDS MORE HEAVYWEIGHTS

Although freshman crew work is progressing rapidly under the direction of Coach Stevens, there is still a decided lack of heavy material from which to form a well-balanced crew. Coach Stevens wishes that more heavy men, and especially those who have had previous experience in this work, would report for practice at the B. A. A. Boathouse.

Practice is held on the Charles River Basin daily. The men have been divided into two squads and are assigned to different positions in the shell, not only to familiarize them with the operation of the entire machine, but also to enable the management to get the right men into the right places.

## NEW INTENSIVE COURSE

### Will Supply Government With Naval Architects

The Departments of Naval Architecture and Marine Engineering will give a course in Naval Architecture beginning on February 4, of which Professor Peabody will be in charge. It will be open to all students of courses I, II, IV (2), VI, X, XI, XV. Anyone interested in this course should report at once to the head of the department in which he is registered.

The class will be limited to fifty. more should apply preference will be given to those with the best preparation for the intensive course.

The tuition of \$25 is payable to the Bursar.

### PENALTIES FOR NON- PAYMENT OF TAX

It is to be hoped that every man will pay dues in the undergraduate association willingly, with a spirit of good citizenship and loyalty to the Institute. But those men who refuse to accept the responsibility as members of the undergraduate association will be barred from all activities connected with undergraduate affairs. If you don't pay here are a few things you can't do:

You can't hold any class office or serve on any committee.  
You can't vote in any of the class elections.

You can't play on any Class, Field-Day, or Varsity team.

You can't attend any class functions.

You can't consult the Institute Doctor without payment of fee.

You can't be in the Tech Show.

You can't be in the Musical Clubs.

You can't be on The Tech, Technique or The Tech Monthly.

You can't attend the Junior Prom.

You can't have your picture in the Portfolio Section of Technique. Wear your button. Show your colors. Show the other fellow you have paid.

How much does it cost a year to come to the Institute? Isn't it worth \$2.50 a term more to be a loyal Technology man.

## PROFESSORS MOORE AND TALBOT ADDRESS CHEMICAL SOCIETY

'German People Favor War,' Says Speaker—"Are  
Misinformed by Authorities to Arouse  
Greater Ire Against Enemies"

### HERMAN '18 DISCUSSES WOOL INDUSTRY

THE first meeting of the Chemical Society was held Tuesday evening in room 2-190. President J. M. Avery explained the purpose of the organization and asked for the support of all men in the chemistry courses. He then introduced Professor Talbot, head of the Department of Chemistry, who talked on the subject, "The Value of Chemistry in War-Time."

Professor Talbot told about the Chemical Exposition held in New York this fall at the Grand Central Palace. This has been increased in three years from a display of chemicals and chemists' supplies to an exposition, the exhibitors of which can hardly crowd into three floors. This is largely on account of the pressure brought to bear on chemistry by the war. He also stated that interesting investigations are now being conducted by a regiment of chemists in Washington who are studying the best means of fighting poisonous gases, liquid fire and other chemical weapons adapted by the Germans.

E. Olney Herman '18, related his experiences in chemical and physical research in the wool firm in New Hampshire was able to turn a great deal of supposedly waste material into by-products from which large profits are now derived.

Bursar Ford, who had been scheduled to speak, was called away at the last moment to a meeting in the State House.

Professor Moore, who explained that the previous speakers had given the members sufficient chemical knowledge for one evening, gave an interesting account of his adventures in Germany previous to the severing of relations. Placed in the position that he was, he took the opportunity to get an impression of the average German's attitude toward war. He found that with few exceptions the Germans favored the war. Rumors were brought to them that were calculated to stir them into a frenzy against their enemies. Unfounded reports of ill-treatment of Germans travelling through France and attempts to poison water supplies by the Russians had a marked effect on the German soldiers.

The German officials were anxious to extend the best treatment to the Americans, although they were less careful in their dealings with Englishmen.

Following Professor Moore's talk a short business meeting was held, in which it was decided that the Society's officers should appoint a new secretary.

Refreshments were then served in the "Caf."

### DORM BOWLING TEAMS SOON TO BE ORGANIZED

At the last meeting of the dormitory house committee it was decided to form bowling teams in the several houses and run a series of matches. The matches will be carried on in the same way as the baseball games last spring; that is, each section will play against its several opponents until a majority of victories has decided the contest.

The committee also decided to hold a smoker within two or three weeks. The date will be posted as soon as fixed.

The members of the house committee are: R. Rimbach '18, B. T. Casey '20, O. Mayer '19, J. H. McEvoy '21 and R. L. Turner '20.

**M. I. T. A. A. MEETING**  
There will be an important meeting of the M. I. T. Athletic Association at 5.00 o'clock Monday, October 22, in room 4-132. All managers of the varsity athletic teams must be present.

## MEETINGS IN MEMORIAL

### Big Speakers to Address Stu- dents and Alumni

Plans are well under way to arrange a series of entertainments at the Walker Memorial for undergraduates and Alumni. A talk by a prominent speaker will open each entertainment, and will be followed by music and refreshments. Although the names of several men of national repute have been mentioned as possible speakers, no definite dates have been arranged.

The purpose of these gatherings is to stimulate interest in the Walker Memorial and to bring the student body not only into closer contact with one another, but also to keep them in touch with the Alumni. Under the present extraordinary conditions, some difficulty has been experienced in securing the Walker Memorial. This fact makes it probable that the entertainments will be held every second Sunday instead of every Sunday as was originally planned. Speakers have also been hard to secure, but this difficulty has been satisfactorily adjusted by arrangements with choral and musical societies in this vicinity. On those Sundays when speakers are not available, a good musical program will be arranged.

### 1905 CLASS DINNER

The Alumni in Boston of the class of 1905 will meet for dinner on Friday evening, October 19, at 6.30 o'clock, at the City Club. Mr. George C. Thomas '05 will speak on his recent experiences in Russia. The dinner will be informal and is open to Technology men and their friends. Those desiring to attend are asked to notify G. D. W. Marcy '05, 246 Summer Street, Boston, as soon as possible. The cost will be \$1.50 a plate.

### NOTICE

There will be a meeting at The Tech office at 5.00 o'clock today of all freshmen and Sophomores who are competing for positions in the business department or chasing advertisements.  
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### CALENDAR

Thursday, October 18, 1917  
5.00 P. M.—Orchestral Rehearsal "Caf."  
7.30 P. M.—Memorial Society Meeting.  
Walker Memorial.  
Friday, October 19, 1917  
1.35 P. M.—Rifle Club Meeting.  
2.00 P. M.—Chemical Society Meeting.  
Main Lobby.  
4.00 P. M.—M. I. T. Geological Conference. Room 4-345.  
4.30 P. M.—Freshmen Crew. B. A. A. Boathouse.  
8.00 P. M.—Meeting of Finance Committee. Walker Memorial.  
Saturday, October 20, 1917  
2.00 P. M.—Freshmen Crew. B. A. A. Boathouse.



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Although communications may be published unsigned if so requested, the names 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.

THURSDAY, OCTOBER 18, 1917

CONCERNING THE WALKER MEMORIAL

WHEN the Corporation decided, last summer, that the best possible use which could be made of the Walker Memorial during the period of the war was to turn it over to the Government as a dormitory for the School of Naval Aeronautics, there was a certain degree of dissatisfaction expressed by many Technology students. It seemed to them that they were being deprived of a privilege to which they had been looking forward for a long time and to the enjoyment of which they were, consequently, rightfully entitled. After a little thought, however, most of the objectors realized that any sacrifice which they might thus be making would be small in comparison with the sacrifices which the intended occupants of the building were preparing to make. The grumbling, therefore, was short-lived.

This fall, the student body has been going to the opposite extreme, and there seems little evidence of any wild desire to take advantage of the few privileges which remain to them in the building, notably the use of the Dining Room. Is it possible that many of the men do not realize that this service is for them as well as for the aviators? Or is there some feeling of resentment against these "intruders" still smouldering? If the latter is the case, it argues an exceedingly small and selfish attitude on the part of the few students who may entertain such a feeling. The incidents of the summer which caused some friction between the students of the Junior Battalion and the army aviators are of the past, and at present, we are glad to say, there exists the best of feeling between the various schools stationed at the Institute. But we are digressing.

Last year at this time the "Caf" was feeding just about twice as many regular students of the Institute as the Walker Memorial is doing now. This is indeed a pity, for the purpose of the Dining service was to feed the majority of Technology men, not a pitiful minority as at present. It may be that the students do not realize that they may use it, or it may be that the sort of service they are getting there is not satisfactory. The Tech would like to hear some views expressed on the matter and invites communications from its readers. It is worth while to go to considerable trouble to find what is wrong.

BUY A BOND

ALTHOUGH students as a class are not oversupplied with material wealth, we feel it our duty to make an appeal to Technology men to subscribe to the Liberty Loan. Remember that every bond sold, no matter of what denomination, helps the cause along just so much further. Perhaps the news that the students of our sister institution in Cambridge are running a campaign to sell bonds among their number may stimulate some of the Institute men to show them that Technology wants to help too. Buy a bond, you Technology man, we do not need to advertise it.

RIFLE CLUB MEETING

There will be a meeting of the Rifle Club on Friday, October 19, at 1.35 o'clock. All members are urged to be present, as plans for the coming year will be discussed. Men who are at all interested in rifle shooting are requested to come to this meeting to find out what the club is doing.

FACULTY NOTICE

The third lecture on the slide rule will be repeated on Monday, October 22, and the final lecture will be given on Monday, October 29, at 4.10 o'clock, in Room 2-190.

WALTER HUMPHREYS, Registrar.

CROSS-COUNTRY TEAMS SHOW UP WELL

New Men Coming Out Daily

Both the varsity and the freshman cross-country teams are rapidly being brought into condition by numerous practice runs in preparation for the big meets which come off in November. The squads have been increased during the past week by several new men and the varsity squad now numbers 25 and the freshman 16. All the freshmen are eligible for the varsity team which participates in the New England meet, but are not eligible for the one which represents the Institute in the I. C. A. A. A. A. championship meet at Van Cortlandt Park, New York, November 24, over a course of six miles. Princeton will not be represented in this meet, as her team has been practically broken up by the large number of enlistments.

No trial runs have been held yet for either the varsity or the freshman teams, but several men have shown up exceedingly well in the practice runs and Coach Kanaly has good reasons to look forward to a successful year.

The relay teams are also being strengthened by more men coming out. The Sophomores now have 20 men out and the freshmen 32. This shows a slight gain in favor of the Sophomores, but Coach Kanaly announces that the lists are still open for any who wish to come out now for the freshman team. The Sophomore relay trials were held yesterday and the freshman trials will be held tomorrow.

Out of 142 men who have come out for all branches of athletics since school started there are 123 taking regular practice.

COMMUNICATION

The Technology Club of Paris, September 26, 1917.

To the Editor of Tech:

The Technology Club of Paris is proving of use not only to Technology men but also to men from other colleges. We have had visitors from the following colleges since the Technology Club opened: Chicago, Harvard, Yale, Noble and Greenough School of Boston, Princeton, Amherst, Cornell, De Pauw, Mt. Allison, New Brunswick; West Point, Michigan, Newark Tech, N. J.; Johns Hopkins, University of California, Lehigh, Oberlin, Williams, Illinois, Leland Stanford and Tufts.

We try to make these men feel just as much at home in the Technology Club as though it was run by their own college and we are spreading the seed for the University Club which we hope will be in full swing shortly.

Very truly yours,  
(Signed) Van Rensselaer Lansingh.

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## OFFICIAL FROM THE M. I. T. Committee for National Service

JAMES P. MUNROE, Chairman

WASHINGTON BUREAU  
908 Union Trust Building  
JOHN M. DeBELL '17 in Charge

A direct means of communication between the Technology and the National Government. If there is anything you wish to know in Washington, write to the Technology Bureau.

October 12, 1917.

### Personal

Among the callers at the Washington office during the past few days have been E. S. Russell '10, W. G. Brown '16, C. C. Ford '08, and P. Y. Loo '16.

### Change at Washington Office

Beginning Saturday, October 12, the Washington office will be in charge of Raymond W. Ferris '08. Mr. Ferris, after graduation, was for three years on the engineering staff of the Ohio State Board of Health, and subsequently went to Akron on water supply work. Since 1912 he has been interested in the rubber industry in Akron.

### Equipment for Service Abroad

The Army and Navy Journal publishes a full list of equipment for service abroad, recommended by Capt. Masteller of the War College. The various articles are classified under Ordnance, Quartermaster Supplies, Clothing, Signal Corps Equipment, Medical Corps Equipment, and Miscellaneous. The clothing recommended is: 3 flannel shirts; 3 prs. shoes; 12 prs. socks, light wool; canvas leggings; 12 pr. shoe laces; 2 cotton uniforms; belt; leather, O. D., and winter gloves; overcoat, and raincoat, the latter with detachable warm lining; 2 woolen uniforms, leather leggings; puttees; hat; heavy high laced shoes; rubber boots; 3 prs. heavy woolen socks; 6 under suits (3 wool, 3 cotton); sneakers, sleeveless sweater, 2 khaki colored handkerchiefs; 2 flannel pajamas; 6 towels, and 3 abdominal bandages.

The miscellaneous list includes two recipes for "Vermin-protection" and gas masks. It remarks, "New American

masks will give perfect protection. Must be applied quickly."

### Training the National Army

Schedules covering sixteen weeks' training have been sent to all the National Guard and National Army camps, comprising a course in "concentrated progressive training." It includes drill through the school of the company, emphasis being laid on target practice, night training, trench raiding, and rapid fire rifle work.

Schools for the Q. M. C. machinist grades will be completed in Washington by November 5. Here specially selected National Army men will have a six weeks' course in transportation problems, use and repair of motor trucks, and the like.

### Contracts for Destroyers

The Navy has announced the letting of a number of contracts for destroyers, at a cost of nearly \$350,000,000, to the Fore River Shipbuilding Co., the New York Shipbuilding Co., the Union Iron Works, Cramp and Sons, and the Newport News Shipbuilding Co. Secretary Daniels says that the new U-hunters will be of the latest and most improved type, to a considerable extent standardized. Some of the vessels should be launched in nine months, and the entire program should be finished within eighteen months.

## TECHNOLOGY MEN IN GOVERNMENT SERVICE

THE FOLLOWING MEN are taking the training course in the Coast Artillery Reserve Officers' Training Camp at Fort Monroe, Va. Many of those listed below have already received commissions as provisional lieutenants as a result of the examinations held earlier in the year, and their ranks are stated wherever known.

### Class of 1903

H. C. Cooper.

### Class of 1908

H. D. Chandler.

### Class of 1909

W. P. Blodgett.

### Class of 1910

P. D. Terry.

### Class of 1911

G. W. Barnwell, P. Burdett.

### Class of 1912

H. W. Hall, H. C. Maabot, K. C. McKenny, 2d Lieut.; H. R. Smith, D. A. Tomlinson.

### Class of 1913

R. B. Cross, W. N. Holmes, R. Gans, H. C. Thierfelder.

### Class of 1914

D. R. Dixon, A. J. Hahn, W. N. Watson, F. W. Williams.

### Class of 1915

B. H. Byrnes, H. B. Pickering.

### Class of 1916

C. A. Coleman, 1st Lieut.; P. H. Duff, 1st Lieut.; S. Lapham, Jr., A. K. Stewart, W. S. Stewart.

### Class of 1917

C. K. Allen, 1st Lieut.; J. W. Anderson, 1st Lieut.; C. E. Atkinson, 1st Lieut.; J. H. Babbit, 1st Lieut.; A. F. Benson, 1st Lieut.; E. W. Curtin, W. L. Denner, A. D. Dickson, 2d Lieut.; J. P. Gardner, 1st Lieut.; T. W. Hansberry, 1st Lieut.; T. E. Hannah, 2d Lieut.; F. C. Howard, 2d Lieut.; P. E. Hulburd, 1st Lieut.; E. G. Keesler, 2d Lieut.; G. S. Kennedy, 2d Lieut.; G. D. Kittredge, 1st Lieut.; F. S. Krug, 1st Lieut.; G. M. Lovejoy, Jr., J. G. MacDougall, 2d Lieut.; G. A. Nelson, 2d Lieut.; J. W. Ramsbottom, 2d Lieut.; E. H. Raymond, 1st Lieut.; T. Saveille, L. E. Schoonmaker, 1st Lieut.; W. H. Seymour, 2d Lieut.; S. R. Stribling, 1st Lieut.; W. C. Swain, 1st Lieut.; N. E. Tourtelotte, 1st Lieut.; K. B. Toye; J. E. Wallis, Jr., 1st Lieut.; E. M. Woodward, 1st Lieut.; R. G. Wright.

### Class of 1918

E. G. Betts, 2d Lieut.; H. M. Blank, 1st Lieut.; J. R. Markham, 2d Lieut.; E. B. McCarthy, 2d Lieut.; J. W. Orent, 2d Lieut.; K. Roper, 1st Lieut.; G. B. Smith, 2d Lieut.; S. H. Tazer, 2d Lieut.; H. E. Wellcome, 1st Lieut.

### Class of 1919

E. C. Bomar, 1st Lieut.; H. S. MacKirdy.

J. S. ROGERS '81, has volunteered his services to the Food Administration. EVERETT MORSS '85, has been appointed a member of the Council of National Defence.

PROFESSOR G. C. WHIPPLE '89, is returning from the Sanitary Mission to Russia. He will take up his classes at the Institute about November 1.

PROFESSOR S. C. PRESCOTT '94, has undertaken special work in conserving and salvaging of foods for the Food Division of the Medical Department of the Army.

ISAAC WEIL '94, is a captain in the Officers' Reserve Corps.

CAPTAIN G. R. WADSWORTH '98, of the Aviation Section, S. R. C., has been ordered to the Naval Aircraft Factory in Philadelphia.

PROFESSOR C. E. A. WINSLOW '98, has returned from the Sanitary Mission to Russia, and is now at Yale.

F. A. HILL '03, and H. K. SMOOT '12, have received commissions as ensigns in the Navy from the Cadet Naval

School of the Institute.

CAPT. P. E. HINCKLEY '05, E. R. C., has been assigned to the 20th Engineers (Forestry) at American University.

RAYMOND FERRIS '08, is in charge of the Washington office of the M. I. T. Committee for National Service.

F. L. HUNT '09, is at the Bureau of Standards, Washington.

MAURICE R. SCHARFF '09, formerly Executive Secretary of the Technology Clubs Associate, in Washington, is now a lieutenant in the Engineer Corps.

G. E. WASHBURN '09, is at the Bureau of Standards, Washington.

K. LEAVENS '10, has received a commission as first lieutenant in the Engineering Corps now in France.

E. B. MOORE '12, has been commissioned 1st Lieutenant, Ordnance Section.

CAPTAIN WRIGHT SHUTTLEWORTH '12, is with the Second New York Infantry, Fort Wardsworth, N. Y. G. W. BAKEMAN '13, is doing Red Cross work in Petrograd.

C. B. ROGERS '13, has been assigned to the Electrical Research Department of the Aviation Section Signal Corps, U. S. Army. He leaves for France shortly.

J. B. DUC '14, has received a commission as First Lieutenant in the Sanitary Corps.

P. S. PLATT '14, has recently been engaged in sanitary work in France, after doing similar service in Belgium, and in Russia, at Petrograd and Vladivostok.

RAFAEL ALFARO '16, of Salvador, is in the U. S. A. Engineer Corps.

J. R. FREEMAN '16, is at the Bureau of Standards, Washington.

GEORGE MAVERICK '16, lieutenant in the U. S. A., has been ordered to Camp Meade, Md.

F. BERNARD '17, has been commissioned 2d lieutenant in the Quartermaster's Division.

F. S. CONATY '17, is reported as having received a second lieutenant's commission.

J. O. CONNOLLY '17, has been assigned to duty in the extra-cantonment zones, by the Red Cross Bureau of Sanitary Service.

J. M. DEBELL '17, qualified for prov. 2d lieutenant in the Army.

H. N. FRENCH '17, has been commissioned as ensign in the Navy. He has been ordered to Annapolis for intensive training, after which he will be assigned to active duty with the fleet.

ROBERT MULLIKEN '17, is at the Bureau of Standards, Washington. C. H. M. ROBERTS '17, First Lieutenant in the Officers' Reserve Corps, was ordered to Springfield on September 22.

P. B. WATSON '17, is at the Bureau of Standards, Washington.

S. K. COOPER '18, E. R. HATTEN '19, and J. M. TODD '18, have received commissions as ensigns in the United States Navy from the Cadet Naval School of the Institute.

Cecil F. Baker '04 has accepted an offer to head the Department of Architecture at the Kansas State Agricultural College. Professor Baker is a graduate of the University of Illinois as well as of the Institute. He studied in Europe and for several years has been in business in Chicago. His new duties will include the planning of better homes and buildings for the Sunflower state.

## AERO CLUB

(Continued from page 1)

The Aero Club has members serving in flying schools in different parts of the country and in other branches of war activity. John Braislin '18, former vice-president of the club, is now with a shipbuilding corporation in New York. Murphy '18, formerly on the Governing Board of the club, is an ensign in the Flying Corps. McCone, graduate student, also formerly on the Governing Board, is now teaching in the Washington Aeronautical School. Douglas Buchanan '18 is a captain in the Flying Corps, and is now engaged in training men to fly.

The vacancies caused by the departure of these men will be filled by election at the next meeting of the club. The question as to whether or not the club shall join the Aero Club of America will also be considered at a meeting in the near future. The Aero Club of America is a nation-wide organization and is affiliated with like clubs in various foreign countries. The Aero Club of New England, of which Godfrey Cabot '81 is president, the Harvard Aeronautical Society, and the Aeronautical Society of Pittsfield, Mass., are members of this national club.

## FINANCE COMMITTEE

There will be a meeting of the Finance Committee Friday night at 8.00 o'clock in the Walker Memorial. The Secretary for the ensuing year will be elected. The Treasurers of all the Undergraduate activities are expected to be present.

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Entrance examinations are held at the Institute in June and September of each year. In June, applicants may be examined also by the College Entrance Examination Board in New York, Philadelphia, Chicago, and many other cities in America and Europe. A circular stating times and places is issued in advance, and will be mailed on application.

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Correspondence should be addressed to Prof. A. L. Merrill, Secretary of the Faculty.

## PUBLICATIONS

The Annual Catalog (issued in December), the Report of the President and the Treasurer (issued in January), the Programme (issued in June), and circulars in regard to Admission of Students from other Colleges; Summer Courses; Advanced Study and Research.

Any of the above-named publications will be mailed free upon application

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## MENORAH SOCIETY MEETING

There will be a meeting of the Menorah Society this evening at 7.30 in the Walker Memorial. The purpose of the society is to promote the Jewish culture and ideas, in addition to the study of Hebrew literature and history. The society was organized in 1914.

The Tech wants to keep its military records up to date. You can help by notifying us of errors or omissions.



The federal government has allowed \$14 per uniform for members of the R. O. T. C. at Brown University. The student is required to pay \$5 for the outfit, the latter to be returned next spring to the quartermaster.

Instruction has been given in the school of the squad. Two companies have been equipped with rifles.

The 300 men enrolled in the Wesleyan unit of the R. O. T. C. are organized into four companies pending the arrival of the regular officer who is to take charge.

A new Swedish system of physical training which has been used by the British is being introduced into the R. O. T. C. at Yale by Captain Massey, a British officer.

Stevens Institute of Technology held its first military drill of the year last week.

The University of Pennsylvania is to start a student battalion quite similar to that already begun at Technology. The number of hours of drill per week are practically the same as has been decided necessary for work at the Institute.

The Bowdoin Reserve Officers' Training Corps has already begun its course of instruction with more than 100 students enrolled. The work in military training is given as a regular course and the credit granted will count towards a degree. Major John H. Duval, U.S.A., retired, was detailed by the War Department as professor of military science and tactics.

A "World War Course," consisting of a series of lectures dealing with various phases and problems of the war, has been introduced into the curriculum of the University of Wisconsin. The lectures are given twice each week by members of the faculty and are open to the general public and students.

Four of the famous French "seventy-fives" have arrived in New Haven and will be used in the military training courses. The guns are not new, having seen service on the western front. Aside from the added interest aroused by such associations, they should prove better to work with because they are not as stiff as new ones.

There are nearly 950 men in the Harvard R. O. T. C. From these twelve companies will be formed. Harvard's quota in the next Officers' Training Camp, which begins on January 5, will be 55 men taken from students who have been in the R. O. T. C.

Lieut. Geo. W. B. Kinnear, a Canadian officer, has been appointed military instructor at Amherst College and will begin his new duties at once. He saw active service at the front, until disabled by wounds, and since that time has been training men in British camps.

Col. Samuel Reber, signal officer of the department, inspected the recently opened aviation school at the University of Vermont. This is similar to the one at Technology.

## PROPOSED PRATT NAVAL SCHOOL DELAYED

Plans are well established for the erection of the Pratt Naval Architectural and Marine Engineering School, an adjunct of Technology, but the Institute will not proceed with the construction until times become more normal in the building trades. The Pratt School was founded by the late Charles Edward Pratt, who bequeathed the Institute \$750,000 for that purpose.

Judge Crosby, in the Supreme Court, heard a motion by the Institute for permission to sell certain real estate of the testator for the purpose of raising funds to commence building operations. The desired amount may be obtained by the sale of four parcels of real estate in various sections of the city.

As the bequest is in the nature of a public charity, the Attorney General was brought into the matter as a respondent. In his answer, he stated that he would be satisfied with whatever action the Court took, but Judge Crosby believed that those parties having beneficial interest in the estate should be heard if they so desired. Judge Crosby decided that he would set a date for a hearing after notices had been sent to the various beneficiaries under the will.

According to Mr. Pratt's will, if the plans as made by him for the establishment of the school are not carried out, the fund will revert to his residuary estate.

## NOTICES

### MEETING OF TAX COLLECTORS

At a meeting of the tax collectors Wednesday noon in room 10-275, the plans for collecting the tax were outlined. Van Kirk spoke of the fact that only 200 upper classmen had paid the tax, whereas the Institute Committee had figured on about 1800 men paying. The amount of the tax for the first term is \$2.50 for each man and should be paid immediately, either to one of the collectors or at the Bursar's office. There are a number of collectors from each class who will attempt to make everyone pay if they possibly can. Those who pay are to be given a button which they will be asked to wear at all times to help in the campaign.

### ORCHESTRA REHEARSAL

There will be a special meeting of the orchestra today at 5.00 o'clock in the "Caf." The members of the orchestra decided at its meeting to hold their practice twice a week, on Monday and Thursday in preparation for a concert to be given about the middle of November. About thirty men have come out so far. The candidacy for assistant manager is still open.

### WRESTLING TEAM

Candidates for the wrestling team are to report to Captain Giles in Room 2-075 for practice every afternoon from 5.30 to 6.30. Men may get lockers in locker-room 2-045, which contains showers. Technology has valuable material in the following men: Clarkson, Freeman, Giles, Kiley, Kilham, McFarland, Smoley, Turner, Wirt. Mr. Gracey and ex-Captain Rounds expect to be on hand to help with the new men. Men in the 115, 135 pound and heavyweight classes are particularly needed.

### M. I. T. GEOLOGICAL CONFERENCE

The first meeting of the year 1917-1918 will be held on Friday, October 19, at 4.00 p. m., in 4-345.

A paper on the "Veins of the Cobalt District, Ontario" will be presented by Mr. W. L. Whitehead.

### 1921 CREW

All candidates for freshman crew are to report at the B. A. A. Boathouse for a physical examination on Friday at 4.30 o'clock.

### CHEMICAL SOCIETY TRIP

The Chemical Society will meet in the lobby of Building 10, Friday, at 2.00 o'clock, previous to taking a trip to the University Press.

### PHYSICAL LABORATORY

All students who received a record of "D" in June are referred to the list regarding deficiencies posted in the Sophomore Physical Laboratory, Room 4-410.

### FOURTEEN JAPS AT TECHNOLOGY

Students from Japan form an important factor in the foreign groups at the Massachusetts Institute of Technology, for there are at the present time fourteen. These young men have already met for the discussion of a possible Technology Japanese society of students similar to those already existing of Chinese and Latin-American men. One of the results of the preliminary meeting was a census of who is here and why? Of the men sent by the Japanese government, one is a naval officer, a graduate of the Naval Engineering College, under orders from the Department of the Navy for observation in mechanical engineering, while four others are teachers, three being professors in the Tokyo Imperial University and the other an assistant professor in one of the other government colleges. These men, naturally, are taking advanced work. There is one young man a professor in the Waseda University of Tokyo, a private college, who is undertaking graduate work in mining engineering. In addition to these there are eight students who come on their own funds, an indication of how the desire to come into touch with Technology methods is gaining ground in this distant country.

With the exception of three young men in the freshman class who have been prepared in American schools, all of them are graduates of Japanese colleges and five among them have degrees from the Japanese Imperial University. Four of the company are in the graduate courses and two of these men are here primarily for research, and of the four, two are in mining work and the others in electrical engineering and electro-chemistry.

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