

500 TECHNOLOGY MEN NOW IN THE SERVICE

Members of Undergraduate Body
Form 40% of M. I. T. Men
Responding to Colors—Alumni
Active in War Industries

SENIORS LEAD ENLISTMENTS

More than 500 students and graduates of the Massachusetts Institute of Technology are already in the service of their country. Of this number 200 men have been contributed by the three upper classes now in the Institute.

A close tally has been kept by the Alumni Headquarters of the enlistments of all the graduates, which shows that beginning with 1890 every class has some members in the service. Up to 1905 this number is, according to the questionnaire sent to all the Alumni, only two or three to each class, while from 1906 until 1909 the registry is six or seven. Beginning with 1910 the number of men in the service rises to 18 or 20 to the class, while from 1914 to 1917 about twenty-five men from each class have answered the call. Last year's graduating class and the three upper classes now at the Institute have contributed 80, 96, 67 and 54 men respectively. These figures are constantly changing and every day sees more Institute men joining the colors.

In the regular army there are 87 Technology men, 17 of whom are already "somewhere in France," while the drafted men number over 80. The majority of the men in the regular army have commissions, although a few have enlisted as privates. In the classes now in the school 7 men were drafted from the class of '20, 16 from '19, 20 from '18, while the men just graduated have supplied 10 men for the National army.

The Coast Artillery Corps, the Engineer Officers' Reserve Corps and the Ordnance Reserve Corps have claimed about the same number of Technology men, the figures being 45, 49 and 48, respectively. The Army aeronautical work has 43 Institute men in its roll, while 16 men have enlisted with the Navy flyers. Other reserve corps have claimed 20 members of the Alumni in their services, while Plattsburg and other training camps account for 21 students. Ambulance work in France and the Balkans has taken 15 and the Navy claims about 25 Technology men. In industries closely allied to the work of the war 76 men have reported and 6 of the Alumni are instructors in the various schools of war. The Technology office in Washington has on record one thousand men of engineering experience who will soon become active in the war industries.

E. E. SOCIETY COMBINES WITH PROFESSIONAL ORGANIZATION

The first meeting of the Student Branch of the A. I. E. E. was held last Thursday evening with an attendance of about one hundred and forty. After President W. H. Costelloe '18 had explained the affiliation of the old organization with the American Institute of Electrical Engineers, Mr. O. R. Schurig of the Electrical Engineering department gave a talk on the mid-year trip last year. The speaker enumerated the different plants visited and explained the advantages of such a trip both to electrical and mechanical students, advantages which can only be obtained through actual observation. Refreshments were served in the old "Caf" after the meeting.

The Branch has about sixty members so far but the officers of the society hope that now that the eligibility has been extended to second, third and fourth year men in courses VI, VII, VIII, XIV and XV option 2 that the membership list will considerably increase. The dues are one dollar for the year and may be paid to the executive committee or at the office of the branch in room 10-203. It is planned to run a trip the first of this week if possible and posters will be put up when the date is definitely known. On account of the number desiring to take the trips there will be a sign-up list posted limited to members of the branch.

ADVANCED BATTALION STARTS WORK TUESDAY—425 ENLISTED

The newly formed Advanced Battalion under the supervision of Major Cole is ready to begin work on Tuesday. To date 425 men have volunteered for this work and the probabilities are that this number will remain about the same.

A plan has been devised so that all the men will have a chance to be officers. Only those officers absolutely necessary to a skeleton organization will have permanent positions, while the other men will be rotated so that every man will hold a position for a short time.

It has been decided to drill on Tuesdays, Wednesdays, Thursdays and Fridays. Major Cole desires that the men report on all four days but they will be permitted to be absent on Thursdays. Although the hour of drill has been set at 4:30 arrangements are being made so that those having four o'clock classes will be able to be present.

X-COUNTRY MEN RUN

Five Mile Course Successfully
Tests Out New Men

A hare-and-hound run was held at Melrose last Saturday, thirty men running over a course of about five miles. Several well arranged blinds served to make the run more interesting.

Goodrich and Rimbach left the Melrose Y. M. C. A. as the hares about 3:30 o'clock. Ten minutes later a squad of ten new men set out with Coach Kanaly, and this group was followed in five minutes by the "fast squad" under the leadership of Captain Herzog. This squad overtook the novices about half way home, when Coach Kanaly switched to the faster group, and Captain Herzog dropped back. At a distance of a mile from home, the entire squad was gathered to start the final race.

The order of finish for the first ten was as follows: Halfacre, McCarten, Wells, Broderick, H. L. Smith, Stone, Miller, Hennesey, McCloskey and Dyke. Road work for the cross-country men starts today. This will be varied to some extent by work on the track. The hare-and-hound run next Saturday will be over the Wakefield course.

Many of the other eastern colleges have cancelled their athletic contests, but Technology is following out its intention adopted at the beginning of the war, that athletics provided the very best training for the future soldier. As a result of this Coach Kanaly has already begun work for the cross-country teams. Many of last year's squad have entered the service in some capacity, but with Captain Herzog '19, McCarten '19, Halfacre '18 and McCloskey '19 as a nucleus, Coach Kanaly expects to have an unusually strong team. The men who will be missed on the cross-country team this year include Captain Barney Dodge '17, lost by graduation; Rimbach '18, who is with the national army at Ayer; R. C. Coward '20, a member of the aviation squad, and Hamilton '18, now second lieutenant in the U. S. Cavalry. Not only this fall, but in the spring, the freshmen will have to turn out some good runners, especially short-distance men, as O'Hara '17, intercollegiate indoor sprint champion, Doon '17 and Russert '18 will be missing; the first two in the army and the last in another school.

NEED MEN FOR ORCHESTRA

The first rehearsal of the M. I. T. Orchestra will be held Wednesday at 4:30 in the old "Caf" in the basement of building 2. The director expects all candidates to bring their instruments with them. At the meeting of the orchestra, Oct. 2, about thirty men came out, but the coach expects more men to appear Wednesday. He wants especially a viola player. Two positions of assistant manager are open to freshmen.

INSTITUTE COMMITTEE

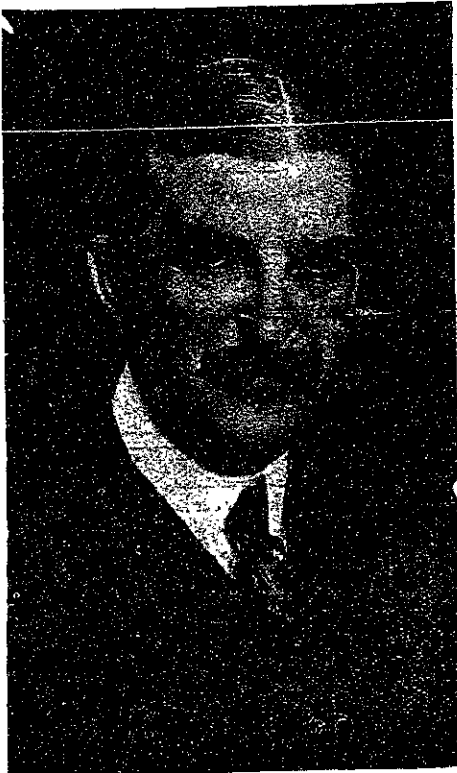
There is to be a meeting of the Institute Committee held this Thursday afternoon at 5:00 o'clock in room 10-275.

I. W. LITCHFIELD '85 RECEIVES ALUMNI GIFT

Purse of \$3,320 Sent Technology's
Alumni Leader in Appreciation
of His Efforts Towards 1916
Reunion

NOW LOCATED IN WASHINGTON

Recently the Alumni of Technology presented Mr. I. W. Litchfield '85, a purse of \$3,320 as a token of their appreciation and esteem of the efficient work accomplished by him. Mr. Litchfield, or as he is better known "Ike," is probably one of the most active members of the Alumni of Technology, which is conceded by all to be the strongest and largest active graduate organization of any college in the country. The organizing and bringing together of the Technology graduate associations in different cities is due entirely to the labors and efforts of Mr. Litchfield.



I. W. LITCHFIELD '85

His greatest achievement was the planning and managing of the 1916 Reunion. It was through his efforts that he was able to get the various Alumni secretaries all over the country to communicate with him and help him in his huge task. As a part of this work, a paper called the "Pantechneon" was published under his direction. The purpose of this publication was to get in touch with the graduates of the Institute and give them an idea of what they would see when they arrived in Boston. All of the details of the Reunion were under his general supervision, and no noticeable hitch occurred in carrying out the extensive program.

Mr. Litchfield's connection with things pertaining to Technology does not end here, for he was for some time editor of the Technology Review, the monthly Alumni publication. He began his editorial education as one of the editors of The Tech.

Mr. Litchfield's efforts to bring the graduate of Technology together have been largely responsible for the generous manner with which the Alumni has responded in the past to the various appeals for funds.

A committee of 35 men with C. A. Stone '88 as chairman, and E. C. Lufkin '85 and L. E. Gardner '98 as treasurer and secretary respectively, was formed to recognize in some way Mr. Litchfield's splendid service to the Institute, and a sum of \$3,320 was then raised among the Alumni which was presented to him as a measure of their appreciation.

Mr. Litchfield is now in Washington assisting the government in the choice of Technology men for the service of the country.

ARCHITECTURAL SOCIETY HOLDS FIRST BUSINESS MEETING

The first business meeting and smoker of the Architectural Society was held last Friday evening. About 60 men were present. R. M. Blackall '17, president of the Society, called the meeting to order and outlined the work for the year. He said that only about one quarter of the total membership of the society had been lost by the war.

Professor Cram told about the plans for the "Common Room." A sufficient amount of money for this purpose has not yet been raised, but he hoped that the room would be completed by next spring. Professor Lawrence read some interesting letters from students now in France and Professor Somner told of his experiences while studying in Germany.

A business meeting was held and men were elected to fill the positions vacated by members leaving the Institute. K. Wiley '18 was elected vice-president, L. Keach '18 was elected secretary, and D. C. Sanford, Jr., '19 was elected to the executive council.

MUSICAL CLUBS REHEARSE

New Men Make Good Showing
in Preliminary Trials

The trials of last week brought out a good representation of old members for the clubs as well as a number of new men. Rehearsals start at once for the first concert to be given Nov. 13. The management is arranging for a schedule of more local concerts before the Christmas recess, than have been given in the past.

The executive committee of the clubs has decided to proceed with the regular work of the season as usual. The big entertainment of this term, the Winter Concert, will be held in December in the Hotel Somerset as last year.

The list of men retained from the trials is printed below. All men taken will have equal chances and attendance at rehearsals will count materially in the final choice. Men wishing to try out who have not done so may report to the first rehearsal. The leaders wish to issue a special call for mandola and guitar players. A man to serve in the capacity of reader is also wanted.

Rehearsals will be held as follows: Mandolin Club in Emma Rogers Room, 10-340, at 5:00, Tuesday, Oct. 9; Glee Club in Emma Rogers Room at 5:00, Monday, Oct. 8.

TECHNICOLOR PROCESS HAS UNIQUE LABORATORY

The Pullman car which has been standing for some time on the siding behind The Tech office is a portable laboratory of the Technicolor Motion Picture Corporation. This corporation is devoted to the taking of motion pictures in natural colors. The process of color photography has been developed by a number of Technology graduates, headed by Professor Daniel F. Comstock of the Physics Department, and operating under the firm name of Kalmus, Comstock & Wescott Research Corporation.

The process which the firm has developed is known as the Technicolor Process, in which two pictures are taken simultaneously from the same point of view on extremely delicate film sensitized by Professor Comstock and his associates. Both films are projected simultaneously through two separate color screens. The taking of two pictures at the same time eliminates what is known, technically, as a "fringe," while the projecting of two views simultaneously does away with the so-called "color bombardment," both of which are defects of the older system and fatiguing to the eyes. The highly sensitive film makes possible the unusually faithful colors. The Pullman car has been fitted with apparatus for developing both the positive and negative films at the place where the pictures were taken. Then if any defects are discovered in the film, the scene can be retaken without incurring much additional expense.

(Continued on page 2)

FIELD DAY CREWS AT PRACTICE ON CHARLES

Sophomores and Freshmen Report Daily for Practice in Shells.
— First Call for Freshman
Manager Competition

1920 NEEDS MORE MEN

Regular practice for the crews of the freshman and Sophomore classes is being held daily on the river. More candidates for the 1920 crew are needed to make this a success, and heavier men are needed for the freshman crew.

Crew work at Technology has steadily advanced into the class of major sports since the Institute has been moved to this side of the Charles River. In former times it was almost impossible to get a large number of candidates to report for practice due to the long distance to the B. A. A. boat-house. But now it is not so difficult to reach the boathouse, which is on Charles River Road near the Cottage Farm Bridge, and the opportunities that rowing offers for physical development and intercollegiate competition are being realized. Whether or not the freshman-Sophomore race will have a place in the Field Day score, is dependent on the success of the crews this year.

As is the case with the track team, no previous experience is necessary for crew work. Many men come out for the sport each year who have never been in a shell before. The proper form for rowing is not hard to acquire, and under the coaching of Mr. A. W. Stevens, many of these new men have made their class crew the first year.

About forty-five freshmen have reported for work already, and are showing excellent progress. The majority of these are novices, but there are four men who have had previous experience, two coming from Noble and Greenough School, and one each from St. Marks and Cambridge Latin School.

The first call for candidates for manager of the freshman crew has been issued. Candidates will report to Manager Loucks at the boathouse today or Tuesday between 4:00 and 6:00 o'clock. This competition will continue until the middle of November, when all but three of the candidates will be dismissed. One of the three remaining will be made class manager next spring, and the others become first and second assistant managers respectively. In the Sophomore year the class manager will be appointed second assistant manager of the varsity, this leading to first assistant and finally to manager.

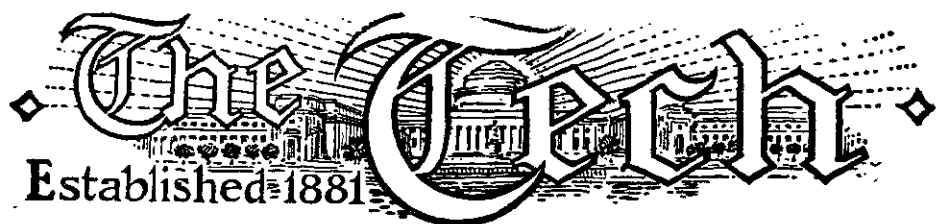
The schedule of the hours of practice is as follows:—

Monday—4:00-6:00 P. M.—Freshmen.
Tuesday—4:00-5:00 P. M.—Freshmen.
4:00-6:00 P. M.—Sophomores.
Wednesday—4:00-6:00 P. M.—Freshmen.
Thursday—4:00-6:00 P. M.—Sophomores.
Friday—4:00-6:00 P. M.—Sophomores.
5:00-6:00 P. M.—Freshmen.
Saturday—2:00-5:00 P. M.—Freshmen.
3:00-5:00 P. M.—Sophomores

THERE WILL BE AN IMPORTANT
MEETING FOR NEWS MEN IN THE
TECH OFFICE AT 1.05 O'CLOCK TOMORROW.

CALENDAR

Monday, October 8, 1917
2:30 P. M.—Field Day Meeting of Sophomores, Room 10-250.
4:00 P. M.—Sophomore Football Practice, Tech Field.
4:00 P. M.—Sophomore Tug-o-War Practice, Tech Field.
5:00 P. M.—Glee Club Practice, Emma Rogers Room.
Tuesday, October 9, 1917
12:00 N.—Treasurers' Budgets Due, Tech Office.
1:06 P. M.—Candidates for Freshman Relay Team, Room 2-015.
5:00 P. M.—Candidates for Assistant Manager of Swimming Team, Room 2-290.
5:00 P. M.—Meeting of Mining Society, Room 8-419.
5:00 P. M.—Mandolin Club Practice, Emma Rogers Room.
Wednesday, October 9, 1917
4:30 P. M.—Rehearsal of M. I. T. Orchestra, The Caf.



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MANAGING BOARD

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MONDAY, OCTOBER 8, 1917

FOR UPPERCLASS TAX DODGERS

THE eloquent appeal which appeared in these columns several issues back, seems, curiously enough, to have had little effect in persuading the average Technology man to call at the bursar's office and settle for his Student Tax.

Is this the same kind of average Technology man who has, in the past, helped build up the reputation of the Institute, who has gladly contributed to anything which would advance the general good, who, by giving his share, has helped to make possible the great educational plant which we are now occupying?

A MENACE TO OUR SAFETY

THE action of the Institute Committee in appointing a committee to investigate the traffic conditions on Massachusetts Avenue where it adjoins the Institute and to report violations of the rules, is highly commendable.

Although the problem is at present complicated by having one half of the street under repair, there seems no reason why motorists cannot be restrained from disregarding, as they do, the rights of pedestrians.

A few arrests brought about by the activity of the new committee of Student Police may act as a deterrent to reckless drivers and bring to an end the present dangerous conditions which in the words of one of the prominent members of our faculty are "the worst in the world."

The Tech announces the election of the following men to positions on the news staff: A. J. Giuranovich '18, Assistant Managing Editor; E. S. Burdell '20 and C. B. Capps '20, Night Editors; and A. Kruse '20 and J. H. Coyle '20, Assistant Night Editors.

Alumni Notes

Technology Club of Philadelphia
The regular weekly meeting of the Technology Club of Philadelphia was held at the Engineers Club, last Wednesday. The principal object of the meeting was to inform the members as to the war work which the Institute is now engaged upon, and also the co-operation being offered by the alumni.

John M. DeLiell, president of last year's graduating class, who is in charge of the Washington office, spoke upon affairs connected with the Institute.

The moving pictures which were taken at Camp Cunningham on Labor Day, showing the Technology men participating in the athletics events, were exhibited.

Professor Pearson of the English department told the club of the Paris Bureau and the nature of the work that is being done by the Technology men in active service.

Herbert Terrell '06, president of the club, presided and introduced the speakers. According to present plans a campaign...

(Continued on page 4)

PURSE FOUND ON BRIDGE

A purse stamped with an Iowa address was found on Harvard Bridge Oct. 2. The owner can claim same by communicating with Mrs. E. B. Badger, Hotel Buckminster, Boston.

NOTICE TO TREASURERS

It will be necessary for the treasurers of all activities that come under the new student tax to hand in a budget requisition for all contemplated expenditures up to the 1st of November (including Field Day) before noon of Tuesday, October 9.

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COMMUNICATION

The following letter will be of interest to all Technology men as it shows the appreciation of the work of Technology's representative in Paris:

Yale University, Secretary's Office. Dear Mrs. Cunningham:

I have thought that you would be especially interested in the enclosed copy of resolutions passed by Messrs. Nettleton and Van Dyke of the Executive Committee of the American University Union with reference to the services of their colleague, Mr. Lansingh.

Mr. Lansingh organized the Technology Club in a most efficient way and has been most hospitable to his colleagues on the Executive Committee of the American University Union, in which, as you know, the Technology Club, the Yale Bureau, the Harvard Bureau and similar movements are soon to be merged, although each club in it will retain its own individuality.

I thought that it would be satisfactory to you to see how thoroughly the Club has been appreciated by those who have had an opportunity to study its organization carefully.

With kind regards, I am, Very truly yours, Anson Phelps Stokes.

Supplementary Report of Professors Nettleton and Van Dyke

We wish to express to the Trustees our great appreciation of the very successful work done by Mr. Lansingh, previous to our arrival, in establishing the Technology Club. Since coming to Paris we have lived with him and have seen most intimately how welcome the homelike and friendly atmosphere he has succeeded in creating in his modest little establishment is to the many young men who pass through his hospitable doors. He has not limited his hos-

pitality to Technology men, but has welcomed with open arms men from other colleges who have come to him. The marked success of his experiment on a small scale has greatly encouraged us in our undertaking and has been most useful as an introduction for the idea of our work on a broader and more general basis. This Technology Club will at once be merged into our Union Headquarters and he will bring us at the outset a very notable and welcome addition to our resources, and will be a strong spiritual force in the formation of the atmosphere of the headquarters of our Union. We enclose the first copy of a bulletin which Mr. Lansingh has been issuing and sending to Technology men.

FACULTY NOTICE

Spanish LS1. Hours for Section II have been changed from Wednesday and Friday at 1.00 to Tuesday and Thursday at 2.00, room 2-151.

TECHNICOLOR PROCESS

(Continued from page 1)

In presenting a play, the actors use no make-up on account of the sensitiveness of the film. For the elimination of color-flicker, an horizontal, magnetically controlled arc has been devised which is claimed to be a great improvement over the old style vertical arc. This new arc produces fine, soft shades faithfully expressing each detail of the scene.

Several exhibitions have already been given, proving the practicability of the process. A short time ago the moving picture men of the country assembled at Aeolian Hall, New York City, and witnessed a photoplay produced in natural colors. An exhibition was also given at Tremont Temple, Boston, on Sept. 13.

Mellin's Food advertisement featuring a baby's photo and text: 'Prepare baby's food according to the Mellin's Food Method of Milk Modification. Send today for our instructive book, "The Care and Feeding of Infants" also a Free Trial Bottle of Mellin's Food. Mellin's Food Company, Boston, Mass.'

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MUSICAL CLUBS

(Continued from page 1)

The following is the provisional list of members and the positions that they fill:

GLEE CLUB—1918: Craighead, McEwan, Potcat, Fiske, Turner, Travers, Reid, Porter, Hanley, Chen; 1919: P. Barker, S. Cohen, Untersee, Richards, Stewart, Drew; 1920: Akers, Abercrombie, Seavey, Philbrick, Peterson, Patterson, Burke, Norton, Whittaker, Wirt, Eaton; 1921: Church, Conard, Coachman, Lyman, Fletcher, Carpenter, Cary, Harvey, Nichols, Mitchell, Carven, Rogers, Whitman, Graham, Gage, Alcon, Hazzard, Jr., Jotter, Davidson.

MANDOLIN CLUB—1st Mandolins: Akers '20, Davis '20, Hotchkin '21, LeLand '21, Randolph '21, Smith '19, Shultz '19, Wells; 2nd Mandolins: Adams '21, Baldwin '21, Blood '19, Gray '21, Hackett '19, Harrington '18, McLaughlin '18, Merryweather '20, Webber '21, Wiswall, Jr. '19; 3rd Mandolins: Barker '21, Burroughs '20, Chambers '21, Insley '19, Landis '21, Siegfried '21, Vissher '20, Webber '21; Guitars: Catlin '18, Dalton '19, Ford '18, McNally '18; Mandolin: Wilson '21; Cello: Bugbee '20; Mando Cello: Gilbert '19.

BANJO CLUB—1st Banjo: Harrington, leader, '18, Davis '20, Wyer, Hotchkin '21, Saunders '18, Wilson '21, Carpenter '21, Webber '21; 2d Banjo: Blood '19, Lovejoy '19, Insley '19, Chambers '21, Neitzke '21, McLoughlin '18, Adams '21; Violin: Holman '20; Cello: Ksergian '20; Piano: Olsen '20.

RECEPTION TO TECH EPISCOPALIANS

The annual reception to Episcopals in Technology will be held at Trinity House, 93 St. James Avenue, Tuesday evening, October 9, at 8.00 o'clock. Invitations have been sent to all men who registered with the T. C. A. as Episcopals, but it is known that there are many others in Technology. Dr. Mann will be present to extend a hearty welcome to all who care to make Trinity their church home while in Boston.

MINING SOCIETY

A meeting of the Mining Society will be held in room 8-419 on Tuesday, Oct. 9, at 5.00 o'clock. An election of officers for 1917-18 will be held.

INSTITUTE LOSES MANY INSTRUCTORS WHO ENTER NATIONAL AND INDUSTRIAL SERVICE

THE demand for highly trained technicians has caused many changes in the instructing staff at the Institute. Fifty-seven professors and instructors have resigned or are on leave of absence to fill positions of national importance. The Department of Chemistry suffered most, losing sixteen men. The Department of Electrical Engineering lost fourteen men while the Department of Mechanical Engineering lost twelve.

A list of professors and instructors follows, with a brief statement of the kind of work in which they are engaged:

Department of Mechanical Engineering
J. C. Riley, Associate Professor of Heat Engineering.

Major in Coast Artillery.
A. L. Brown, Instructor in Mech. Eng. Lieut. Ordnance Dept., now stationed at Springfield.

M. C. Mackenzie, Instructor in Mech. Eng. Industrial work in Concord, N. H.

W. J. Barrett, Assistant Instructor in Mech. Eng. Lieut. Ordnance Dept.

S. R. Bartlett, Instructor in Mech. Eng. Engineering Dept., Stone & Webster Eng. Corp.

H. W. Brown, Assistant Instructor in Mech. Eng. Lieut.

C. A. Coleman, Assistant Instructor in Mech. Eng. Lieut.

D. A. Fales, Assistant Instructor in Mech. Eng. Instructor in Gas Engine work in Aviation Schools.

A. S. Morrison, Assistant Instructor in Mech. Eng. Lieut. Ordnance Dept.

J. T. Shorroek, Assistant in Machine Tool Work. Industrial work.

D. Peabody, Instructor in Mech. Eng. Drafted but exempted on account of his work at the Institute.

A. A. Packard, Instructor in Mech. Eng. Rochester, N. Y.—Holman & Maurer Co.

Department of Civil Engineering
H. Sutherland, Instructor in Civil Eng. 1st Lieut. 8 Engineers, Training Camp Stewart, Fort Bliss, Texas.

F. W. Bowler, 2nd Lieut. E. O. R. C. 301st Engineers, Ayer, Mass.

H. B. Luther, Instructor Civil Eng. Bureau of Construction and Repair, Navy Dept., Washington, D. C.

Department of Mining
A. Sauvour, Professor of Metallurgy and Metallography. Working for French Government—presumably along metallographical lines.

Department of Chemistry
J. F. Norton, Asst. Prof. of Chemistry of Sanitation. Resigned to accept position in Department of Biology, University of Chicago.

W. H. Walker, Professor of Chemical Engineering. On leave of absence. Gas Defence, Bureau of Mines, Washington.

J. F. Norris, Professor of General Chemistry. On leave of absence. Gas Defence, Bureau of Mines, Washington.

C. K. Reiman, Instructor in Inorganic Chemistry. Resigned to undertake research in Physiological Chemistry at Peter Bent Brigham Hospital.

F. H. Smyth, Instructor in Inorganic Chemistry. Leave of absence. Gas Defence, Bureau of Mines, Washington.

L. MacRae, Instructor in Inorganic Chemistry. Resigned. Westinghouse Lamp Co., Bloomfield, N. J.

W. R. Crandall, Assistant in Analytical Chemistry. Resigned. Benzol Products Co., Marcus Hook, Pa.

P. P. Gooding, Assistant in Theoretical Chemistry. Resigned. Eastern Manufacturing Co., Bangor, Me.

G. M. Maverick, Assistant in Industrial Chemistry. Resigned. Commissioned in Ordnance Dept.

J. V. Meigs, Assistant in Technical Analysis. Resigned. Barber Asphalt Paving Co., Maurer, N. J.

H. Wu, Assistant in Organic Chemistry. Resigned. Graduate work at Harvard.

J. M. Hood, Assistant in Chemistry of Foods. Resigned. Drafted, now at Camp Devens, Ayer, Mass.

M. S. Wellington, Assistant in Chemistry of Sanitation. Resigned.

N. Y. Continental Jewell Filtration Co., New York, N. Y.

R. E. Wilson, Research Associate in Applied Chemistry. On leave of absence. Gas Defence, Bureau of Mines, Washington.

R. V. Davies, Assistant in Analytical Chemistry. Resigned. Fore River Shipbuilding Corp., Quincy, Mass.

S. L. Chisholm.

Drafted, now at Camp Devens, Ayer, Mass.

R. G. Knowland, Research Asst. in Applied Chemistry. Resigned. Commissioned in Ordnance Dept.

Department of Biology
S. M. Gunn, Associate Professor of Sanitary Biology and Public Health.

Associate Director American Anti Tuberculosis Commission, 218 Rue de Rivoli, Paris.

E. C. Howe, Instructor in Biology. Professor of Hygiene, Wellesley College.

M. P. Horowitz, Assistant in Biology. Now Instructor in Biology, M. I. T.

P. G. Stiles, Instructor in Physiology and Hygiene. Asst. Professor of Physiology, Harvard and Radcliffe.

E. A. Ingham, Instructor in Biology and Public Health. District Health Officer, State Dept. of Health of California.

Department of Electrical Engineering
F. G. Perry, Instructor. Captain, Coast Artillery, Fort Monroe.

H. B. Richmond, Instructor. 1st Lieutenant, Coast Artillery, Fort Monroe.

R. F. Zechn, Instructor. Inspector of Machines, Fore River Ship Yards.

W. B. Littlefield, Assistant. 1st Lieutenant, Coast Artillery.

G. W. Wynman, Assistant Instructor. Instructor in Ground School, M. I. T.

E. W. Bowler, Research Assistant. 1st Lieutenant, Engineer Corps.

W. E. Wynne, Research Assistant. Private, Field Artillery.

C. W. Green, Assistant Professor. Captain, Coast Artillery, Fort Monroe.

R. J. Wiseman, Research Assistant. Research Department, Western Union Telegraph Co.

P. L. Alger, Research Assistant. U. S. Proving Ground, Ballistic Research, Sandy Hook.

G. Y. Allen, Research Assistant. Bureau of Steam Engineering, Washington.

R. S. Burnap, Research Assistant. Research Department, General Electric Co. Lamp Works, Harrison, N. J.

H. N. Carlson, Assistant in charge Signalling and Radio Dept., Army and Navy School, M. I. T.

H. F. Dodge, Assistant Submarine Research Work, Western Electric Co.

Department of Naval Architecture
W. Hovgaard, Professor of Naval Design and Construction. Leave of absence.

Bureau Construction and Repair, Navy Department, Washington.

H. H. W. Keith, Assistant Professor of Naval Architecture. Leave of absence. Enrolled Naval Reserve. Lieut., Jun. Grade for engineering duty Bureau Construction and Repair, Navy Yard, Boston, Mass.

H. Lerner, Assistant Instructor in Naval Architecture. Enrolled Naval Reserve. Ensign, Jun. Grade for engineering duty. Bureau Construction and Repair, Navy Yard, Boston, Mass.

Alexander Klemm. On half time. Consulting Aeronautical Engineer, Bureau Construction and Repair, Navy Department, Washington, D. C.

Department of English
W. B. Pressey, Instructor in English. Private, 96th Co. U. S. Marines, Port Royal, S. C.

J. K. Torbett. Engaged in editorial work on The Red Cross Magazine.

FRESHMAN RELAY

All candidates for the freshman relay team will report on Tuesday afternoon, Oct. 9, in room 2-015, at 1.00 o'clock.

Owing to the fact that The Tech is issued on Mondays and Thursdays instead of Mondays, Wednesdays and Fridays, as was the schedule last year, any notices to be printed must be handed in at The Tech office at the following times: For Monday's issue: Not later than 2.00 o'clock Sunday. For Thursday's issue: Not later than 5.00 o'clock Wednesday.

MANAGING EDITOR.

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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.

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Position	Service	Salary	Date of Exam.	Cir. No.
Assistant Agriculturist	Farm Management, Dept. Agri.	\$2,040-\$2,520	Oct. 23	2047
Asst. Inspector of Cloth Equipment	Bu. Ordnance, War Dept.	\$1,000-\$2,000		1370
Asst. Inspector of Leather	Bu. Ordnance	\$1,000-\$2,000		1370
Asst. Inspector of Small Hardware	Bu. Ordnance	\$1,000-\$2,000		1370
Asst. Inspector of Textiles	Bu. Ordnance	\$1,000-\$2,000		1370
Asst. Inspector of Leather Equipm't	Bu. Ordnance	\$1,500-\$2,400		1370
Asst. in Foreign Marketing or Agricultural Products	Bu. Markets, Dept. Agri.	\$1,600-\$2,280	Oct. 23	2049
Investigator in Foreign Marketing or Agricultural Products	Bu. Markets	\$2,00-\$3,000	Oct. 23	2049
Inspectors of Artillery Ammunition	Manufacturing Plants in U. S.	\$1,500-\$2,400		1240
Assistant in Agricultural Economics	Office Farm Management, Bu. Agriculture	\$1,800-\$2,280	Oct. 9	2019
Inspectors of Wagons and Wagon Material	Quartermaster Corps	\$1,500	Oct. 9	2021
Mechanical Draftsman	Chief of Ordnance Office, War Dept.	\$1,000-\$1,400		
Chemist in Forest Products	Forest Products Lab.	\$2,000-\$2,400	Oct. 16	2031
Supervising Mining Engineer and Metallurgist	Bu. Mines	\$3,600-\$4,000	Oct. 16	2027
Engraver	Bu. Engraving and Printing	\$3.84-\$8.95	Oct. 16	2028
Balance of Stores Clerk	Chief of Ord. Of., War Dept.	\$1,000-\$1,200		2014
Laboratory Asst.	U. S. Navy Yd.	\$3.28-\$4.48 p. d.	Nov. 7-8	2062
*Asst. Examiner	Patent Office	\$1,500	Nov. 7-9	2058
Senior Signal Engineer, Grade 2	Interstate Comm. Com's'n	\$1,800-\$2,700	Oct. 30	2055

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ALUMNI NEWS

(Continued from page 2)

campaign will be opened in a short time, among the alumni, to raise funds for the support of Technology men in active service.

D. C. Churchill '99 has returned from India and is now located at Oberlin, O. Miss Henrietta C. Dozier '99 has moved from Atlanta, Ga., to Jacksonville, Fla.

Mr. Arceh A. Teeson '15, Course II, with the U. S. Rubber Co. in New York (executive offices), is reported to a young lady from Lowell, Mass.

J. Worthen Proctor '17, Course II, was married to Dorothy Buffum of Danvers, Mass., on September 8. He has a Lieutenant's commission O. O. R. and is working for Stanley Stearnes Co.

On Tuesday, October 2, Capt. and Mrs. Lewis Smith of Atlantic City, N. J., announced the engagement of their daughter, Miss Mildred G. Smith, to Harold J. Danforth, now of Atlantic City, and formerly of Saxonville, Mass.

Mr. Danforth graduated in the class of 1914 in Course VI, and is now assistant district engineer for the Bell Telephone Co. of Pennsylvania in Atlantic City. The date of the marriage has not been announced, but it will take place in the spring of next year. Mr. Danforth is connected with the Technology Club of Philadelphia and was secretary last year.

The following letter has just been received by G. L. Gilmore '90 from W. B. Poland '90, whose present address is 3 London Wall Bldgs., London, E. C. Mr. Poland has been abroad for the past year and a half engaged in Belgian Relief Work, and last summer was given the Cross of the Legion of Honor by the President of France.

My dear Mr. Gilmore:—
The Cross of the Legion of Honor was much more a testimony of French courtesy and appreciation of all things American than of any special merit on my part. All our men have been quite as deserving of such distinctions, but I happened to be the Director and it was impossible for the President of France to honor everyone.

As you know, I was located in Belgium and France for about a year and have been for about the same time Director in London. When Hoover took over the food control in the States, I became Director for Europe and still hold that office.

I regret very much not to be with the French troops on the French front, but the feeding of these 10,000,000 people seems to be more important than any work I could hope for there. It is, in fact, wonderfully engrossing and appealing and, as you may imagine, is one long, fierce struggle to get food and ships.

We have some 2,000,000 people in France and 7,500,000 in Belgium, and try to import some 120,000 tons per month. The sufferings of these poor people over these three terrible years have been unspeakable; it does not seem possible that human nature could put up with what many of them have gone through.

With it all there has been a most magnificent spirit of hopefulness, courage and fortitude, and a wonderful appreciation of the efforts which are being made on their behalf.

Those of us who have been brought into direct contact with the brutality of the Germans and appreciate what the ideals of the German nation have come to be, recognize that no matter how terrible to the people of the United

States the results of the war may finally be, not only our own national life, but world civilization depend upon German ideals being crushed and reduced to such a position that they can never dominate the world. We must be prepared to sacrifice everything if necessary to this end.

I am proud to see what a fine part the Institute is taking in the struggle and congratulate you all on what you have accomplished. Our men should be of almost inestimable value to the country in this great struggle and the Institute should justify itself now as never before.

Yours sincerely,

(Signed) W. B. POLAND.

SWIMMING TEAM

All candidates for first assistant swimming team manager will meet Manager Sheeline in room 2-290 at 5.00 P. M. on Tuesday, October 9. This competition is not open to freshmen.

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