

## TECHNOLOGY BUREAU MAKES FULL REPORT

Van Rensselaer Lansingh '98 Reports To Alumni Council Concerning Activities of American University Union.

The idea of having a special representative in France to look out for the interests of college men in the war, originated with Dr. Anson Phelps Stokes, Secretary of Yale University, in the spring of 1917. The idea being favorably received by the governing bodies of the University, Prof. George H. Nettleton, Head of the Department of English of Sheffield Scientific School, was appointed to go abroad to look after the interests of Yale men. A brief notice of this activity appeared in the Boston papers and was noticed by Mrs. Edward Cunningham, whose husband was a member of the class of '91, M. I. T. Believing that Tech should also be represented, she went to President MacLaurin and after placing the matter before him, offered the sum of \$5,000 to start the scheme. The work of carrying out the plan was left to Mr. James P. Munroe '81.

A meeting of Tech men in Washington was held in June, 1917 to consider the proposition, Washington at that time being an important center of Tech Alumni efforts. As a result of that meeting, the writer was asked to give up his work with Dr. Hollis Godfrey '98, one of the seven advisory members of the Council of National Defense, and proceed to Paris to look after the welfare of Tech men abroad. He was asked to sail one week from the date of the meeting, so as to accompany about 18 Tech men who were sailing on the Rochambeau to enter the ambulance service in France. Before leaving, a luncheon was held in Boston to discuss the plans, at which were present Mrs. Cunningham, Mrs. Lord, Mr. Hart, Mr. Humphreys, Prof. Pearson, Mr. Munroe and others. It was felt at that time that co-operative work with other colleges should be undertaken and Prof. Nettleton of Yale was asked to be present at a meeting to be given the departing ambulance men by the Technology Club of New York and to talk over plans. This he did and besides addressing the large, enthusiastic audience, helped work out a tentative plan of co-operative work. The writer was to proceed abroad to investigate the situation there while Prof. Nettleton was to remain in America until the work of organizing a united effort by American thoroughly under way.

Before sailing on the Rochambeau, the writer had a meeting at the Engineers' Club in New York with representatives of Harvard, Columbia and Princeton, at which it was agreed that joint co-operative work instead of individual action should be undertaken.

It is not necessary to relate here how carefully and successfully the work of organizing the American Colleges was accomplished. It is sufficient to note the Union as it stands today. About 140 colleges and universities are members, paying annual dues ranging from \$100 to \$500, depending on the number of graduates. The funds of the Union are further augmented by contributions from alumni of the various colleges and others, so that the budget of the past fiscal year was

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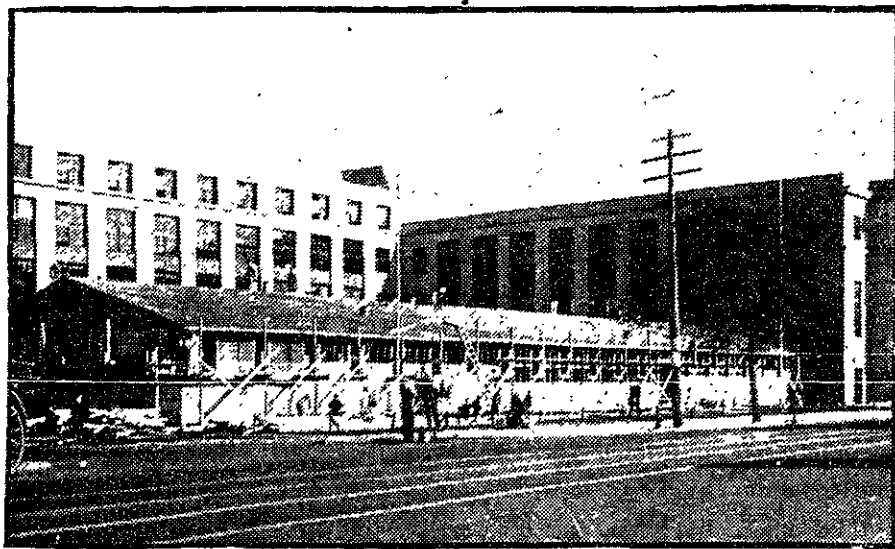
### NOTICE

Any students desiring to compete for positions on the staff of THE TECH should call at the office of THE TECH, 75 Massachusetts Avenue, any day between the hours of 10 and 12.

### Technique 1920

There will be a meeting of the Technique 1920 Board on Wed. Oct. 9th at 4:30 P. M. in the Technique office.

## View of Administration Building from Co-op.



## PUBLIC HEALTH SCHOOL

### Second Of Special Courses Opens With Twenty Students

Professor Sedgwick opened yesterday the second of the special courses in war bacteria of the Harvard-Technology School for Public Health. The course, which is given in the laboratories of the Massachusetts Institute of Technology, is pointed directly at the requirements of the laboratory of the U. S. Army base hospital; is adapted especially for women and leads to placements the moment the work is finished, which will be about January 1. This is the third group of students in these laboratories within a month, for the first school has just graduated and also the class of 1919 in the public health courses of the Institute.

Twenty women and two or three men gathered for the studies, the women representing eight colleges. M. I. T., Boston University, Radcliffe, Simmons, Wellesley Smith, Mount Holyoke and Goucher nine of them with the degree, B. A. and three, B. S., while the men have likewise college degrees, B. A. and M. D., and are here for special "brushing up" of old work for new war uses. Two of the women are school teachers seeking to extend their usefulness.

Bacteriology will be taught by a staff including C. C. Stockman, 2d., M. P. Horowitz and James McL. Strang, all graduates of the Institute; chemistry will be under the care of Professor Edward Mueller whose speciality is biochemistry, while Dr. Francis H. Slack, long with the Boston Board of Health, will teach public laboratory health methods. The registrar and general manager of the course is W. E. Brown, instructor in the school under Professor Sedgwick. Dr. M. J. Rosenau, who is director of the school and Professor George C. Whipple will aid if the occasion demands it.

Of the special school which closed its sessions ten days ago two of the women are already at their stations or on the way, Miss Grace C. Montrose of Brockton and Miss Catharine Atwood of Lowell. Miss Montrose is an Ohio girl, who graduated from the public schools in Denver and was a teacher in that city. She entered Technology in February last as a special student in Biology and Public Health and chemistry and took in addition the summer work of the Harvard-Technology School. She proved to be a highly capable woman and has gone to the U. S. Military camps at Waco, Texas. Miss Atwood is the daughter of William P. Atwood, '76, chemist of the Massachusetts Cotton Mills. She is a graduate of Wellesley and continued her work in the special school of war bacteriology under Dr. Sedgwick. Her station is in the base hospital at Camp Devens. Others of the school have undoubtedly gone to places but have not as yet informed the

(Continued on page 3)

### RULES FOR ENROLLMENT OF STUDENTS IN S. N. T. C.

Secretary Daniels authorizes the following:

The Bureau of Navigation, Navy Department, has issued the following information regarding United States naval units and the naval section of the Student Army Training Corps:

To: All ships and stations.  
Subject: United States naval units and naval section of the Student Army Training Corps.

1. Students subject to draft, desiring to enroll in the United States naval unit or naval section of the Student Army Training Corps, at certain specified institutions which have been assigned naval quotas, shall make application to the Navy Department representative, present at the institution for entrance into the Navy.

2. Applications shall be considered in the order in which filed, and applicants shall, upon satisfactorily meeting the physical requirements for entry in the Navy, on October 1 be admitted into the Naval Reserve Force as apprentice seamen. An enrolling officer of the Navy will be present at the institution prior to October 1 for the purpose of perfecting arrangements for enrolling on or about October 1, 1918, in accordance with the regulations agreed upon by the War Department and Navy Department. The number accepted from any institution shall not exceed quota assigned to the institution, without the permission of the Navy Department.

On Active Duty Pay  
3. Students admitted into the Reserve Force shall be placed on active duty pay. The allowance to pay the cost of their lodging, subsistence, and tuition shall be at the same per diem rate as contained in the contract in existence between the institution and War Department. The naval reservist students will make their own arrangements with the institution with regard to board, lodging, and tuition, as the Navy Department will not enter into contracts with the institutions.

4. Naval sections of the Student Army Training Corps having a naval officer as commandant will be known as the United States naval units.

5. Naval students shall wear the uniform of their rating in the Navy and shall be subject to the regulations and routine as established by the representative of the Navy Department.

6. The curricula for the United States naval units and the naval section students shall be based on a term of three months similar to that followed by the Student Army Training Corps. There shall be a preparatory course for the line and basic engineering courses to meet the engineering needs of the Navy. Instructions as to curricula will be issued by the Navy Department from time to time. Commandants of United States naval units shall, in conjunction with college authorities, arrange courses, subject to approval of Navy Department.

The fourth loan is the fighting loan, the soldiers' loan.

### M. I. T. AUXILIARY

The official record of the M. I. T. men in service, taken from the lists of the War Service Auxiliary note that there are 2,459 men in service, of whom 1,561 are officers. There are 748 men in foreign service, 418 in aviation and 498 in the Navy. The loss by death has been, up to October 1, just 45. The general increase in men entering the service keeps at about one a day, and for every man entering the service one of the older ones is made a commissioned officer. The number going into foreign service increases somewhat faster than either of these rates. The Institute has altogether about six thousand former students who are known to be living, and of these practically twenty-five hundred are in service, while two thousand are in the industries allied to war. This ratio of three-quarters of the known former students is a remarkable feature of Technology's help

## NAVAL UNIT

### Regular Courses Given — Lt. O'Neil Praises Men

Lieut. John Paul O'Neil, organizer and head recruiting officer of the Naval Branch of the S. A. T. C. for Technology, Harvard, and Boston University, expressed no end of praise for the boys enlisting in the aforementioned division. Lieut. O'Neil, who has been all over the world, and has been in the recruiting branch of the navy for eighteen months, stated that in all his travels he has never seen so fine a type of boys as he has come in contact with since he has come to the Institute. Of two hundred and two who presented themselves for physical examination, but forty-four were rejected. That is to say, that while at a regular navy recruiting station eighty per cent. of applicants are rejected, there are but twenty-one per cent. rejected here. Lieut. O'Neil stated that of this twenty-one per cent. the S. A. T. C. would probably accept fifteen per cent. This, he added, is due to the fact that the naval examinations are so much more exacting than those of the S. A. T. C. Of the two hundred and two who have passed their physical examinations, one hundred and twenty-five have received their releases from their local draft boards and have been sworn into the service. Their pay starts immediately from the time that they are sworn in. They are classed as apprentice seamen and receive thirty-two dollars and sixty cents a month, and two dollars a day for board, until the barracks, into which they will be quartered, are completed.

They will be advanced from apprentice seamen to seamen of the third, second and first classes, and will eventually become officers. The courses offered to these men will be the same as those which the S. A. T. C. will receive, as the Bureau of Navigation will have use for all men with engineering and chemical training.

Last year some of the Juniors enlisted in the Naval Reserves upon obtaining permission to remain in Technology until they finished their courses. The Bureau of Navigation has issued the following orders in regard to these men: "There are a few members of the Naval Reserve who, by former regulation, were permitted to continue their studies in college until graduation. These Reservists are required to join the Naval section of the S. A. T. C., and will be subject to the same regulations promulgated for the control of students voluntarily inducted into the Navy on October 1. These men are not considered as part of the quota assigned to the Institute."

Lieut. O'Neil and his staff have received no orders as to how long they will remain at the Institute, but it is presumed that in all probability they will not stay long after the quota has been enrolled. Lieut. O'Neil expressed his appreciation towards the Faculty for the courtesy and helpfulness they have shown towards his branch of the service. As soon as his organizing work is done another Naval officer will arrive in order to carry the work along administration and instruction lines.

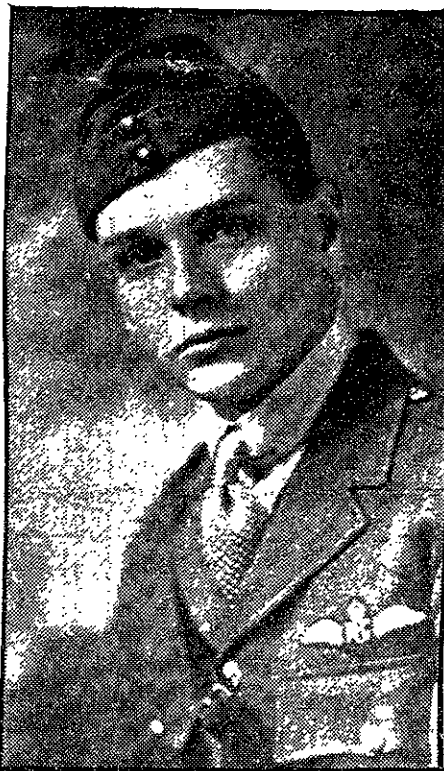
The Naval Unit is open to applicants until its quota of four hundred men has been reached.

## M. C. BROWN KILLED WHEN WING COLLAPSED

Further Particulars Received As To Death of Malcolm C. Brown '19 In France. Letter From Victim To His Mother

### TELLS OF FLYING EXPERIENCES

In a previous issue of THE TECH announcement was made of the death of Lieutenant Malcolm C. Brown '19, but at that time no further particulars were obtainable. Through the courtesy of the Phi Gamma Delta Fraternity, of which Lieutenant Brown was a member, we are able to publish the following two letters: one from Brown to his mother, telling of his experiences while train-



LT. MALCOLM C. BROWN '19

ing for a pilot in the Royal Flying Corps; the other from "Santy" Clausen, telling of Lieutenant Brown's fatal accident.

"I started to fly about the middle of April, after I had been at Hooton Hall more than six weeks. On May 6th I graduated, setting a record for quick graduation for our camp.

"Upon graduation I took four days' graduation leave, and went to London to look around. Ran into an old Technology Phi Gam, who is working on Admiral Sims' staff in the Navy offices. Went to dinner and the theatre with him.

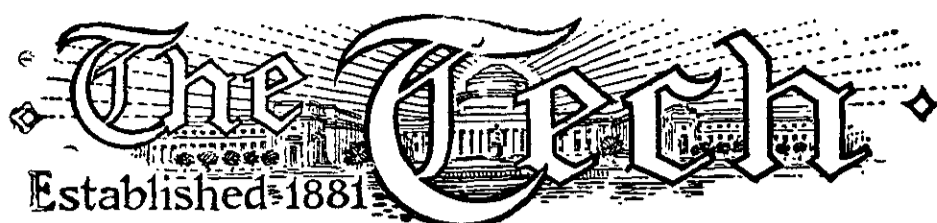
"I went out to Baling to visit a friend of Mrs. —, a Miss Somebody. (I don't remember her name). Baling is a queer place and Miss Somebody's house was hard to find, and when I arrived she was finishing tea and about to set out to finish up her Flag Day work. It happened to be a Y. M. C. A. Flag Day and

(Continued on page 3)

### SUMMER READING

Although it has not yet been definitely decided whether the freshman and sophomore classes will be held for the summer reading assignments, Professor Robinson, who is in charge of the work, says: "Sufficient time will be allowed after the opening of the term to take care of the summer reading in the event that the students are held responsible." There is some doubt in the minds of the faculty as to whether the majority of the students have been able to do the reading, inasmuch as many worked all summer at the shipyards and various other places, consequently being unable to do outside reading.

However, the question will be definitely decided at the next meeting of the faculty and announcement will be made in THE TECH as to its decision.



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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.

SATURDAY, OCTOBER 5, 1918

THE FIGHTING FOURTH

ENLISTING in the S. A. T. C. has taken so much of our time and attention the last few days that little opportunity has been given to think about the LIBERTY LOAN. However, we still have time to amend. This year the Institute should support the Loan stronger than ever. Uncle Sam is doing a great deal for us here. He is paying for our tuition, food, clothing, lodging and many other things. We surely ought to do just as much as we can in return and now is our opportunity. BUY A BOND and just as many more bonds as you can pay for. Buy them Now! The government will be paying us while we are going to school. Lend the country what you do not need to help whip the Hun.

THE SHIPYARD PRIZES

STUDENTS who intend to compete for the shipyard prizes have only ten days in which to submit their reports. A little more than two weeks after this, announcement will be made of the winners, and the prizes will be awarded.

It is usually the custom of students to postpone a work of this nature until a few days before the work is due, and then to exclaim that pressure of work will prevent their competing. This time the Spanish Influenza has been good to them—the opening of school has been postponed, and they have nearly two weeks extra in which to prepare their reports. The shipyard committee is therefore expecting a large number of competitors, and it will be to the advantage of a student to submit his material early.

Full particulars of the conditions governing the contest were published in the issue of THE TECH for September 18th, and will be printed again in the issue of October 9th.

WHILE we are here enrolled in the S. A. T. C. we will be soldiers of the United States subject to the will of the war department. However, we will still be Institute men, and it will be our duty to uphold the fair name of Technology by our conduct and our work while we are still here.

THE TECH LOUNGE is now ready and open for students. Come in and write your letters home. You will find pen, ink, paper, and envelopes. If you choose to remain a while and read, you will find the daily newspapers, and the current magazines at your disposal. Call any day or evening—75 Massachusetts avenue.

UNIVERSITY UNION

(Continued from page 1)

over \$50,000. The Board of Trustees is composed of ten members, elected by the colleges. Dr. Anson Phelps Stokes of Yale is Chairman of the Board, and Mr. Roger Pierce of Harvard, Secretary. The Trustees elected an Executive Committee, which, with headquarters in Paris, has charge of all activities abroad.

The writer sailed from New York on June 23 and with the Tech Ambulance contingent proceeded to Paris, where they arrived on July 5. After a short study of the local situation it was decided best to open Tech headquarters without waiting for the larger union scheme, but be prepared to merge with it whenever necessary. As a result, a fine furnished, seven-room apartment at 7 rue Anatole de la Forge, near the Ar de Triomphe, was rented. Everything possible for the comfort of the men was provided including smokes,

English, French and American newspapers and magazines, games, bath robes, pajamas, slippers, hair brushes, tooth brushes and other toilet necessities, so that men coming to Paris, as they did from time to time, without their kits, would find every convenience. There were two tennis courts immediately to the rear of the apartment, and balls, shoes and racquets were provided. There were individual beds so that five men besides the director could be accommodated at night, while the dining room was equipped for eight. The large balcony overlooking the city was a popular place, where coffee was served every evening. Two servants and a stenographer comprised the staff.

The Technology Club of Paris was opened July 15, ten days after arrival in Paris, and received considerable publicity by the press, as Tech was the first college taking such action. It became at once the center of activity, not only for Tech men in service and Tech men living in Paris, but also of all American University men in Paris. During

PERSONALS

The body of Lt. George W. Killorin, Jr., of Wakefield, who was killed while flying at Talaria Field, Fort Worth, Tex. is on its way to the aviator's home and services will be arranged upon its arrival.



LT. GEORGE W. KILLORIN, JR.

Lt. Killorin who received his initial flying training at the Technology S. M. A. was one of Wakefield's most popular boys, a leader in athletics and social affairs while in high school and popular as a football player at Holy Cross. He left college to manage a manufacturing plant for his father near Portland, Me. The senior Mr. Killorin is a prominent contractor and property owner in Wakefield. There are two sisters, the Misses Blanche and Alvers and a younger brother Carl.

Another Technology graduate to become a benedict recently is Second Lieutenant Curtiss C. Webb '10, Course III, of the United States air service, stationed at Ellington Field, Texas, whose bride was Miss Elsinore Marguerite Quinn of Greenwich, Conn. The bride, who is a Rosemary Hall graduate, elected to have a home wedding, which took place at her parents' estate, "Field Point Park," at Greenwich, with military features and picturesque surroundings.

Peter C. Borre of 10 Humphreys street, Roxbury, who enlisted in the aviation section of the army as a flyer, has been commissioned a 2d lieutenant. He is visiting his parents, Mr. and Mrs. Joseph Borre, on a 10-day leave and will shortly be assigned for duty.

He enlisted on Dec. 15 and after a short stay at Technology he was sent to Princeton University, then to Dallas, Tex.; Mineola, L. I., and finally to Souther Field, Americus, Ga., where he received most of his training.

the two months of its independent life, men from thirty-five different colleges were registered on its guest book and the capacity of the Club was soon exceeded by the demand.

Steps were immediately taken by the director to be of service, not only to men who were able to get to Paris, but also to all Tech men abroad. By means of publicity through the New York "Herald," Chicago "Tribune," and the "Daily Mail," the three newspapers published in English in Paris, men were urged to register by mail. This, together with other means, among which should be mentioned the excellent little pamphlet issued by the Tech and the wide publicity given by the Women's War Auxiliary, soon brought us in touch with an increasingly large number of Tech men abroad. A card index of all men was kept up to date and was available at all times. Various means of being of service to Tech men were tried, and gradually a system was built up, which for completeness and effectiveness became a model for other colleges establishing bureaus in the Union. This can be briefly outlined as follows:

- (1) Meeting Tech men who come to Paris, and advising with them.
(2) Helping men to get transferred to the service for which they are best fitted, or to meet those officers in the Army with whom they want to talk over their future and the possibility of obtaining a commission.

(3) Writing proper letters of recommendation so that the men in the Ambulance and Field Service can try for commissions. It may be noted that many of the Tech men who were in the above services are now first or second lieutenants.

(4) Assisting the men financially when necessary, to tide over temporary financial embarrassment.

(5) To send to all Tech men on the mailing list copies of "Tech" as soon as they are received.

(6) To send to all Technology men in France the Technology Bureau Bulletin, which is issued usually about once every fortnight.

(7) Getting in touch with Tech men whenever their names and addresses can be found, inviting them to use the bureau when they come to Paris, and also placing the services of the bureau at their disposal at any time.

(8) Keeping accurate file of changes of address of all Tech men abroad.

(9) Developing and printing photographs which may be sent to the bureau, keeping a file of the same and making duplicate copies for other men when wanted.

(10) Doing errands, commissions, etc. in Paris for the men who are out of the city, such as having eye-glasses mended, buying books, presents, tobacco, etc. Such work and commissions are charged to the men's accounts, and when they come to Paris they pay the amount outstanding.

(11) Maintaining a room for Tech men, where are kept at all times papers and magazines, such as the local Parisian papers, including the New York Herald and the Chicago Tribune, Paris editions, Puck, Judge, Life, The Saturday Evening Post, the Literary Digest, The New York Times, and the English and French illustrated papers. There are also kept on hand at all times cigarettes, pipes and tobacco for the benefit of the men, and plenty of stationery and writing material. The room is decorated with pictures of the new Tech buildings, and the whole air of the place is one of hominess.

(12) Writing brief notes home to the parents of all the boys when they call here, telling them that the boys have been in Paris, are in good health, and any other little item of information which might be of interest to those at home.

(13) Sending cables for the men when requested.

(14) Finding out in regard to men, as to their addresses and health, whenever requested by letter or cable advice, although this practice is being discontinued on account of the army officers' objections.

(15) Forwarding mail and packages which are received for the men.

(16) Taking care of bundles, trunks, etc., which are left in our charge.

(17) Opening bank accounts for the men; arranging for them to get their money, either by getting their checks cashed by cable or in Paris. Exchanging money at the present rates of exchange.

STADIUM MAY SEE SUNDAY FOOTBALL

S. A. T. C. Gridironers May Break Precedent.

If the S. A. T. C. unit at Harvard organizes a football eleven this fall, the gridiron pastime, for the first time in the history of crimson athletics, is expected to be played in the Stadium on Sundays.

Fifty-three hours weekly, the government's schedule of training for its military cadets, is a stiff program, and at Cambridge they are not at all too certain that Saturday afternoon will be free for athletic recreation. If their fears should be justified, and the schedule sanctioned by the war department broadened to cover the Sabbath holiday all the corps' athletic engagements will be set for the first day of the week.

Sporting events will not be new to Soldiers Field on Sunday, although Harvard's athletes have never performed on that day. A number of baseball games between the Naval Radio School and other service stations were decided there this summer. The poor attendance prevented more Sunday contests on the field.

Sunday football, however, should draw banner crowds in the Stadium. Ideal natural conditions surround the staging and playing of the game there that will be lacking at Fenway Park or Braves Field. Harvard's S. A. T. C. playing Tufts or Boston College should play to S. R. O. While no admission fee could be charged, a large collection would be assured at each contest, with the participating organizations or some good war relief gaining the benefit.

By Wednesday there should be a clearing in the now much clouded sporting skies at Harvard. The government, in taking over the university equipment Tuesday for military work and enrolling all able-bodied students in its forces, then will make known its stand on the status of competitive athletics for the fall.

What Is The Liberty Loan?

It's forts and it's ships and it's shining guns.

It's squadrons that sweep the sea. It's all of the circling band of steel That shall keep all the home shores free.

It's grub and it's warmth for the sailor lad

Far out on the wintry foam. For the brave jack-tar, as he fights afar,

It's the good old "Money from home."

What Is The Liberty Loan?

It's rifle and helm and it's bayonet, It's shovel and shard and shell

For the soldier boy in the olive drab, Out there on the edge of hell.

It's the soaring wings of the whirring planes

That battle on high alone. For the lad who is daring "Over there"

It's the good old "Money from home."



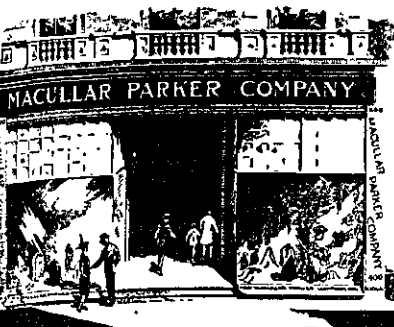
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**PUBLIC HEALTH**  
(Continued from page 1)

department of their acceptance of the places offered. Dr. Sedgwick has insistent calls in almost every mail for assistants with a knowledge of bacteriology, not only from the War Department for its hospitals but from the U. S. Public Health Service and private corporations engaged in war industries.

Professor Sedgwick is to open on Monday afternoon of next week in the Johns Hopkins School of Hygiene and Public Health its regular course of lectures. The subject of his Baltimore lecture will be "The Rise and Progress of Health and Sanitation."

**BROWN '19 KILLED**  
(Continued from page 1)

she was head of some committee or other, and was selling flags on the streets. After I had some tea I went out with her, carrying cans of pennies dangling from all my fingers and elbows, and took part in the campaign. Went to the church afterwards, and had all the patriotic Baling women presented to me, and then over to the Y. M. C. A. to meet some more.

"Then Miss Somebody sent me back to London with bananas and cookies in my pocket, to eat on the top of the bus. "When I returned to Hooton I set to work to finish up there as quickly as possible, but I had no sooner got back than they gave me two days more leave, so I went to Manchester to give the town the once-over, heard some first-class operas there, Madame Butterfly, and enjoyed grand opera for the first time. That is about the first piece of music I've heard for a year. But I didn't care for the town much, and since then I have been to Leeds, and I already knew Liverpool well, so I have decided to steer clear of English commercial centres. Even the best parts of the towns are rather dirty, and the rest is filthy.

"Once more in Hooton, I finished up my flying of Pups and Dolphins, becoming a Service Pilot, setting another record here for quickness as well as one for being the first and only to go through the camp without a crash. I had a few anxious moments at one time or another, but on the whole was very lucky, having had but two engine failures, both being conveniently over nice fields for landing.

7. Members of the United States Naval units and the naval section of the Student Army Training Corps will after a certain period be selected according to their performance and assigned to naval duty in a training camp.

Department's Representatives

8. At institutions where no naval officer is on duty in command of the naval unit the commandant of the Student Army Training Corps will be the Navy Department's representative in command of the naval section of the Student Army Training Corps. All members of the naval section will be subject to the routine established by the commandant

of the Student Army Training Corps, and they shall attend all military drills and exercises, subject to the orders of the commandant, who shall supervise the course of instruction, and shall submit such reports and recommendations as the Navy Department may request from time to time. In matters of discipline members of the naval section shall be subject to all orders of the commandant. Minor infractions of the regulations of the unit may be dealt with in the usual manner, by restriction of the privileges, etc. Offenses deserving legal disciplinary action shall be reported to the commandant of the naval district for action.

9. Prior to October 1 a special representative of the Navy Department will be present at the institution for the purpose of making the necessary arrangements with the commandant and the college authorities in order to be prepared to enroll the United States naval unit or the naval section on October 1. The mobilization division of the Bureau of Navigation will furnish the necessary special representatives of the Navy Department.

"I used to have lots of fun with Pups over Liverpool Harbor, swooping down on ferry boats, and running along the beach beside the promenade, my seat being about level with the fence rail where people would stand to watch. Perhaps you remember the steel tower at New Brighton, right across the harbor. I used to circle around that, starting at the bottom and spiralling above it.

"Large convoys of American soldiers used to come in at Liverpool, and one morning when I was down there I saw them, and did a few stunts over their heads. I flew under the stern and bows of their ships, and generally did my best to cheer them up after a tedious voyage. One day we heard that the — had been sunk outside of Glasgow, but when I was down at — in the afternoon, there she was all painted up like the 'Nude Descending the Stairs,' with her name barely decipherable between the shivers.

"These Pups are fine machines, and after a little experience in them it begins to seem almost as if the wings were on your own shoulders. They are sensitive and maneuverable to a degree, but useful only at a low altitude. Dolphins on the other hand are high altitude machines, built to climb and dive, and, mounting such a powerful engine and so many guns, are necessarily heavier and less sensitive. For their work they are just the thing.

"Well, when I finished up the Adjutant asked me whether I wanted to go directly to France after finishing the gunnery school, or whether I would prefer to return and join an overseas squadron that was being organized at a nearby camp, and which would fly Dolphins over to France. I told him I wanted to go over to France immediately, and that I had had enough waiting around in England.

"Before leaving Hooton I had to go over to Wing Headquarters and say goodbye to the Colonel. The first thing

(Continued on page 4)

**DIVIDEND OF 10%**

The stockholders of the Harvard Cooperative Society have declared a dividend of 10 per cent. on all purchases made at Technology Branch. The rate at the Harvard store was fixed at 6 per cent. on charge purchases and 8 per cent. on cash purchases.

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A unit of the S. A. T. C. is established at the Institute for both the Army and the Navy.

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

**BROWN '19 KILLED**

(Continued from page 3)  
 he said was that I was wanted in XYZ squadron, and would have to come back after finishing my course in aerial gunnery at M—. He then explained how he was picking good men to make up XYZ squadron, and that most of the keen men wanted to go overseas at once, but if he permitted that, what would become of XYZ squadron? And he said that the chances for getting ahead were better for the man who went over with a new squadron, than for a man who went to fill a vacancy in an old one. In the end he made me glad that I was going to join XYZ squadron."

Since the receipt of this letter, information has reached Lt. Brown's parents that he is one of a picked squadron of eighteen men, designated in the letter as XYZ squadron, under command of Major William A. Bishop, which has been doing hard fighting in France for the past three weeks. Their record in that time is fourteen enemy planes.

Major Bishop is the author of the series of articles entitled "Shooting Stars," which was recently concluded in the Saturday Evening Post.

In a letter from "Santy" Claussen, the following extract of the statement of Captain O. H. Vickers, R. A. F., concerning the death of Malcolm Brown was received. The quotation is as follows:

"Malcolm was a pilot of experience and a fully qualified pilot. At the time of the accident he was using a machine of Service type. This machine was in perfect order, and was last used about three days previous by another officer. On the 23d of July this machine was thoroughly inspected before being used by the deceased officer. At about 1.50 p. m. the deceased left the ground for a practice flight. He rose in a normal manner and climbed to a height of about 500 feet. I was watching. At that height the deceased dived at a fairly steep angle to about 200 feet, and then undoubtedly moved the control lever in such a manner as to cause the machine to climb speedily. This threw a great strain on the machine, which, on this occasion, was not equal to it. The left wing collapsed and the

machine fell to the ground in a field adjoining the aerodrome. The weather was favorable for flying."

Santy said, "The doctor said death was instantaneous, practically every bone being broken. The officers in the squadron with whom he was associated spoke very highly indeed of his work, and wished me to tell any of his friends at home that Malcolm was one of their keenest and most promising pilots, and an ideal little officer and gentleman in every way."

**TWENTY CANADIAN AVIATORS STATIONED AT TECHNOLOGY**

Twenty Canadian aviators have recently been stationed at the Institute to take the regular course in aviation that is given the American aviators. Out of 2500 applicants at Ontario, these twenty were accepted for the study of heavier than air craft, and were assigned to the Institute inasmuch as all schools in Canada were filled to capacity and overflowing. The students accepted for lighter than air craft, such as dirigibles, balloons, kite balloons, etc., were sent to England.

The twenty accepted for the Institute arrived about September 27th and immediately entered upon their work. The only difference between them and the American aviators is the uniform. The Canadians are furnished with a blue serge suit and cap to match with a white band around the cap and a leather belt around the waist.

Lieut.-Col. Cull of the British Army is expected to arrive some time next week for a general inspection. He was with the original 100,000 British soldiers that went to France, and when through the great retreat and won the ribbon of Mons. After this he was assigned to take charge of a bombing squad operating around Dunkirk and sunk the German steamer Kingsburg.

The students are expected to finish their courses here at Technology not later than December 10th and will proceed to a flying school where there is room for them. It is probable that another group will take their place here after they have graduated.

**CRIMSON MAY SUSPEND**

It is possible that yesterday morning's issue of the Harvard Crimson, the official weekly publication, may be the last one for the duration of the war. Colonel C. A. Williams, commanding the Harvard S. A. T. C., has ordered that members of the student army must sever all connections with the college publication, because a paper which is published by men in the service must be censored and the military at the Harvard office have no time for that particular kind of work.

In our issue of July 27 we described the death of Thomas F. Hickey of the Class of 1920. We have recently received a letter from Thomas F. Hickey saying that the young man in question was his brother, William J. Hickey, who never attended Technology.

Thomas F. Hickey of the Class of 1920 attended the Institute for nearly two years, was a member of the R. O. T. C. and expects to resume his studies this next year.

**NOTICE**

Sleeping accommodations have been provided for those who come from a considerable distance, and who therefore failed to hear of the postponement of exercises at the Institute. Those desiring to enter barracks will report to Lieut. Kimball at Room 3-210.

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 491 Boylston St., Boston  
 Information Bureau open daily. M. I. T. workroom will be open: Mondays: 1.30-4.30, Tuesdays, Wednesdays, Thursdays: 9.45-4.30, Fridays: 9.30-1.30. Everyone interested in Technology welcome, as visitor or worker.  
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