

CONCERT GIVEN TO INSTITUTE AVIATORS

Performers of Chicago Grand
Opera Company Score Great
Success in Walker Memorial
Concert Thursday Night

EIGHT HUNDRED PRESENT

Miss Myrna Sharlow, prima donna soprano of the Chicago Grand Opera Company, assisted by Miss Hazel Clark, violinist, and Miss Marion Hyde, accompanist, rendered a concert last Thursday night, in the Walker Memorial for the army and naval aviators. The concert which was the largest social event of the year at the Institute was well received by the seven or eight hundred aviators who were able to push their way into the crowded hall. It was so well received, in fact, that the vociferous applause and wild cheering made the performers fully realize that their efforts were highly appreciated. This aviation from the monotonous routine of daily duties and drills made the entertainment doubly pleasing to every aviator.

The singing of Miss Sharlow, who possesses a truly remarkable operatic soprano voice, was excellent. Her ability to reach the very high pitched notes of several of the songs deserves commendable mention, and it was while she was on one of these flights of fancy in a French version that one of the aviators evidently unaccustomed to opera in its true sense, grabbed his hat and said that he was "through for he could not understand a word that was being said. The program was not devoted to operatic selections altogether, but included folk songs as well.

Miss Clark's renditions of difficult selections on the violin also deserves credit for the success that was scored. Her technique has been developed to a high point of efficiency and this was brought out fully in the solos. Not much opportunity was offered her for individual work in the violin obligatos but in these the coordination of the wonderful singing of Miss Sharlow together with the equally remarkable performance of Miss Clark was unquestionably successful. Many thanks are due to Mr. M. Cleofante Campini, director of the Chicago Grand Opera Company, who made the concert possible. Following is the program:

- I. Songs, Miss Sharlow:
 - A. Nuit d'Etoiles.....D-bussy
 - B. Bon jour Suzon.....Pessard
 - C. Love Me or Not (old Italian).....Seechj
- II. Songs with violin obligato, Miss Sharlow and Miss Clark
 - A. Faithful Johnnie.....Beethoven
 - B. By the Waters of the Minnetouka.....Lieturance
- III. Viol'n solos, Miss Clark:
 - A. Liches Friend.....Kriesler
 - B. A Viennese Song.....Wintenez
 - C. Rondino.....Vieuxtemps
- IV. Songs, Miss Sharlow:
 - A. Deep River.....Burleigh
 - B. And Not as Other Lassies Are.....Wolf
 - C. Oh No, John, No.....Folk Song From Somerset arranged by Hughes
 - D. The Years at the Spring.....Mrs. H. H. Beach
- V. Aria, Madam Butterfly, One Fine Day.....Puccini

CHORUS REHEARSALS

Last Friday afternoon about fifty candidates for the Tech Show chorus rehearsed in the Caf. This was the first rehearsal of the chorus under Musical Director Howard and he seemed very well satisfied with the material which is available. No cut has yet been made but it is expected that a large one will be made soon, so that the work may progress more smoothly and rapidly. The next rehearsal of the chorus will be held today at 5.00 o'clock in the Caf and all men who wish to be retained after the cut is made should be present.

REHEARSALS OF TECHNOLOGY ORCHESTRA IN FULL SWAY.

The Technology Orchestra has now well under way the work meted out to them in preparation for the musical program for this year's performance of the Tech Show, rehearsals being held regularly every Thursday. Although none of the actual Tech Show music has yet been received by the Orchestra, the different departments are being developed by practice on difficult pieces similar to those in the Tech Show program. Mr. Howard, who is now in full charge of the rehearsals, feels that the material included in this year's organization will be successfully rounded into shape within several weeks, when the real hard work to bring the show music to perfection, will commence. It is expected that a few selections of the Show music will be on hand at the next rehearsal.

The next rehearsal, which will be held Thursday, March 7, at 5.00 o'clock, in the "Caf" in building 2, will be positively the last chance for new members to join the Orchestra. The initiation fee of one dollar, must be paid by all new members as soon as possible. The management urges all those who have any intention of playing to join at once and be assured of a final position at the Tech Show performances.

JUNIOR DINNER

Held in North Dining Room of Walker Memorial

On Saturday evening, March 2, ninety members of the Class of 1919 attended the annual dinner of the Juniors which was held in the north dining room of the Walker Memorial.

Mr. Banks opened his remarks by announcing that it was the wish of Dean Burton and many prominent alumni to hold the Junior Prom in the Walker Memorial. The class showed its approval by immediate applause.

Professor Miller spoke about the standing of the civil engineer of today and of the different government schools, especially of those at Technology. He explained that a century ago the only engineers known were those engaged in military work, while men in practically the same pursuits are now called civil engineers. Their value is brought out by the fact that most of them hold responsible commissions in the army and that special precautions are taken in their transportation to the other side. "Six weeks ago," Professor Miller continued, "the government asked President MacLaurin how soon we could train 4000 men for engineering duties. Our reply was, '500 a month.' These men will become draughtsmen, tool designers, mechanics, and stationary engineers."

"In the government navigation schools the classes are composed of 60 men each. About 3 from each class qualify as chief engineers, the remainder, as assistants. Last July the question arose as to whether a man was better qualified by having his technical training before or after his experience. After a thorough trial, it was decided that he could digest his course better by having the technical and first. The average pay of a chief engineer on a steamer is \$700 a month." Professor Miller said that he realized that it was hard for students to attend lectures on thermodynamics and that he also appreciated the difficulty of studying under the existing conditions. In the past three days, he said, several letters had come to his attention from the gas mask department, appealing for mechanical engineers. He added here that the chemists had perfected the masks to such a degree that there need no longer be any fear of the diabolical gases of the Teutons. Professor Miller closed with the statement that there was no reason why a good man, who could get his degree, could not step into a good job with a commission.

After Professor Rogers had recovered somewhat from the "shell shock" received from the jazz orchestra, he lit the first of the three cigarettes consumed during his speech, and proceeded to give some facts concerning the Technology Review on the English Department. He emphasized the range and variety of work done by the alumni, some of whom may be recognized as un-

(Continued on page 3)

CORPORATION XV HOLDS FIRST MEETING

Mr. F. G. Coburn of Aircraft Factory at the Philadelphia Navy Yard Describes the Different Types of Machines.

SIXTY MEN ATTEND

Corporation XV, a society composed altogether of the upperclassmen who are taking Course XV, held a dinner last Thursday at 6.30 o'clock in the faculty dining room of the Walker Memorial at which the principal speaker was Mr. F. G. Coburn of the aircraft factory at the Philadelphia Navy Yard. This dinner marked the first meeting that has been held this year and the officers of the society announced themselves as well pleased with the showing made, over fifty students attending.

Mr. Coburn was compelled to make his address short in order to make train connections but in the course of his talk showed in a vivid manner how the aircraft plant at Philadelphia has been built up to large proportions in a remarkably short time. Starting with only a bare plot of ground there has now arisen on the spot one of the largest plants which manufacture aircraft in the United States. The speaker also described the different types of machines that are being constructed, and gave a general survey of the work involved.

Professors Dewey, Schell and Armstrong of the Department of Engineering Administration gave short informal talks. Professor Dewey, who is at the head of Course XV, told the new men of the purposes of Corporation XV and in what ways it benefits the students. He gave a short history of the society up to the present time, principally for the benefit of the new men that they might acquaint themselves with the customs which have been established and at the same time with the facts connected with the past existence of the society.

At a short business meeting immediately following the dinner, Charles W. Drew '19 was elected treasurer, and John Meador '19 and Maurice E. Goodridge '19, directors. Alan Howard '18 is the retiring treasurer.

The officers of the society at present are: J. C. How '18, president; Charles W. Drew '19, treasurer; Walter C. Wilson '18, secretary; John Meador '19 and Maurice E. Goodridge '19, directors.

Only upperclassmen taking Course XV are eligible for membership so an opportunity to become a member cannot be offered the freshmen until next year. All Sophomores who are taking Course XV are eligible for membership and are urged by the officers of the society to attend the next meeting if they failed to be present at the dinner Thursday night.

TO TRAIN R. O. T. C. MEN AT ARMY CANTONMENTS

Thirty thousand members of the R. O. T. C., practically all college students between the ages of seventeen and twenty years, will be given a month's military training this summer, if a recommendation submitted to the General Staff today is approved. It is proposed to send an equal number of these men to each camp and cantonment in the United States. The men will be given the same training as privates in the Army. War Department officials responsible for the recommendation believe that these young men who eventually will be officers will get a better training in this way than they would get by going to a separate training camp. If the recommendation is adopted, approximately 1000 men will be sent to each cantonment and there divided, fifteen men to a company. It is proposed to send the men to the Army divisions on June 1 next and to keep them at the divisions until July 1.

Students may obtain work at the rate of 35c per hour, and can work during study hours as well as meal hours. Apply at once to B. M. Rubin, Walker Memorial Dining Rooms.

MERCANTILE BLOCK ON MASS. AVENUE LEASED BY AVIATION SCHOOL

Naval Authorities Plan the Utilization of the Building for Preliminary Training of the Men for Ground School

WILL ACCOMMODATE FOUR HUNDRED

FACULTY NOTICE

The list of candidates for the degree of Bachelor of Science the present year has been presented to the Faculty, and all persons whose names are on it have been notified individually. The list cannot now be changed except by vote of the Faculty, and any student expecting to be recommended for the degree this year should consult me if he has not been notified that his name is on the list.

A. L. Merrill,
Secretary.

1920-21 TRACK MEET

Will Be Held on Board Track Saturday Afternoon

The annual track meet between the freshmen and the sophomores will be held next Saturday afternoon on the board track. The meet will be closely contested and it is impossible to make any reasonable guess, as to the final outcome. The Sophomores are sure of first place in the mile, as none of the freshmen have shown sufficient speed to place them in a class with MacMahon, the freshmen in turn are certain of first place and maybe second in the quarter. Bawden to take first and Scott or Bards should be able to make 2d or 3d. In other events the result is not at all certain. Capt. Shelton, '21, is expected to take at least one of the hurdle events and probably both. If MacMahon does not run the half that event will fall to the freshmen. The high jump and shot put are undecided, but from the showing the freshmen made at Lowell they may reasonably expect to capture the latter event.

All entries must be in by 6 o'clock, Thursday, March 7. The entries must be made in the books provided for that purpose in the track house. Any freshmen or Sophomore may enter, as the entries are not restricted to the members of the track teams, or to those who are out for track. This meet will close the indoor season and will mark the abandonment of the board track. Work will be resumed on the cinder track on the athletic field on March 18.

The events of the meet are as follows: 60-yd dash, 70-yd high hurdles (5 hurdles), 75-yd. low hurdles (3 hurdles), 15 yds. from last hurdle to finish), 440-yd. dash, 880-yd. run, mile run, high jump, shot put (16 lb. shot).

WAR MEETING CHEMICAL SOCIETY TOMORROW NIGHT.

A "war meeting" of the Chemical Society at which new officers will be installed and refreshments served will be held tomorrow night in room 4-270 at 7:30 o'clock. Everybody will be welcome. Professor Fay of the Institute will address the meeting on the "Troubles of Munition Chemists" and "Different Explosives used in the War," probably illustrating his talk by performing experiments with samples of various explosives. Professor Fay has had a wide experience in the chemical work of the munitions industry, he is the consulting chemist for the Watertown Arsenal, and is also connected with the Winchester Arms Company. Two years ago he gave a talk which will be remembered by many men of the upper classes on the "Life of Big Guns."

The Mercantile Building on Massachusetts Avenue has been leased by the Institute for the use of the Naval Aviation School. The Naval authorities plan the use of the building as a receiving ship for their school. Men will be sent to this receiving ship continuously and as fast as they can be taken care of. The number of men to be graduated from the ground school is not to be increased, the object of this preliminary training being to prepare the men for their work in the ground school proper.

The building is being remodeled to take care of the three or four hundred men it is planned to quarter there. As fast as these alterations will permit they will begin to arrive. The men will be kept on the Receiving Ship for only a limited length of time. During this period they will be uniformed, vaccinated and will receive such other physical attention as is necessary to fit them physically to stand the strain of the ground school training. This means that they will be well grounded in the fundamentals of drill and Naval Service Regulations, so that much of the unnecessary and tiring physical training may be dropped from the ground school. More time may then be devoted to their studies in the Ground School. The men will come to the Ground School fully prepared for their schooling in theory and well drilled and disciplined.

In addition it will be possible for their officers to weed out from the ranks those men whom it is considered are unfit for any reason to become Naval Officers. The length of time the men will be held is at present unannounced but it is presumed that it will vary from two to four weeks. This period will give those in charge ample time to know the men and their shortcomings.

This plan is a somewhat radical change in the course of training which the men take and under the new system the course will resemble the Canadian course of training for the aviators of the Royal Flying Corps. The Canadian system is to give the men all the drill in one period and the whole course of theory and study in another period. Whether or not the government is thinking of taking up this plan, it is at present impossible to state. The present arrangement, however, is expected to train the men much more thoroughly and efficiently than the old method, and if it is a success, it will no doubt be continued.

For a long time the Walker Memorial has been overcrowded and some enlargement has been sought for, not only to relieve the congestion which is already present, but also to take care of the long waiting list which has gradually accumulated. The number of men in the entering flights has been continually increasing and the accommodations of the Memorial have been crowded to the limit in order to find place to bunk the men. Naturally under such conditions the best results could not be obtained and it is with the present arrangement the training will be much more satisfactory.

NEWS MEETING

There will be a meeting of all men connected with the news staff, on Thursday at 1.05 o'clock, in THE TECH office.

INSTITUTE COMMITTEE

There will be a meeting of the Institute Committee on Thursday afternoon at 5.05 o'clock in Room 10-275.

The Tech

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IN CHARGE THIS ISSUE

R. H. Smithwick, '21In Charge

WEDNESDAY, MARCH 6, 1918

THE PROFESSIONAL SOCIETIES

THAT interest is lacking in many of the professional societies is evident from the small attendance at the various meetings. The common excuse for non-attendance is lack of time, and there is no doubt that the student's time is fairly well occupied for the most part. The Institute looks after this item when it plans the curriculum.

However, there is another view point from which students should view the professional societies, and from which attendance at the various functions will seem as necessary as attendance at classes.

When students come to Technology, they come presumably with the intention of fitting themselves in the best possible way to be efficient engineers and worthy citizens.

They will be thoroughly trained by the Institute in the laws of nature and their practical application in engineering; they will be drilled in the mathematics of structures; they will be taught the principles of chemistry and the theory of construction. As far as computing a problem is concerned, their course at Technology serves their very need.

When they get out into life, however, they are going to meet difficulties which calculus, chemistry, and mechanics cannot overcome. Upon the manner in which they meet these difficulties depends their success in life. In what way, then, can they best prepare themselves to meet these problems?

It is the aim of the professional societies to bring before their members men of wide experience; men who by their own success are able to advise others. These men are able to give the students hints which will go a long way toward enabling them to remove in advance many obstacles which will confront them.

Furthermore, these men are able to keep the students alive to current problems.

Last night "Mat" Brush, President of the Boston Elevated Company, spoke on "Means of Success for Young Engineers." Tomorrow night Professors Fay and Moore will address the Chemical Society on subjects of current interest. These are examples of the splendid opportunities for mental development which are constantly being neglected by students.

Some men will be broad minded, efficient engineers upon graduation; others will be narrow-minded, technical experts. To which class will you belong?

THE DORMITORY DANCES

WHEN the dormitory dances were inaugurated at Technology, a wise and influential step was made in undergraduate life. These dances are informal, and give students an excellent opportunity of becoming better acquainted with one another. For a long time, particularly since the opening of the dormitories, need has been felt for some sort of a function which would bring together all the students not living at home or in fraternities. A dance was tried with such success that dormitory dances have become a regular feature. If you have not attended before, come Saturday night to the Walker Memorial and get acquainted.

OVERFLOWING

THAT the government appreciates the facilities for instruction at Technology is shown by the way it has filled the Institute buildings to overflowing. The Walker Memorial is crowded to its greatest capacity, and for some weeks much wonder has been expressed at the line of aviators, which at the noon hour extends from the lunch counter, across the dining hall, and down the stairs. Recently, the number of men in each flight was doubled, and as a result the Naval Aviators have literally overflowed the building. This week many of them take up new barracks in The Tech Block, opposite the Institute buildings on Massachusetts Avenue, the entire second floor of which has been rented for the purpose. People not in close contact with Technology are apt to think of the military and naval schools here as containing only a handful of men. Not so. We have a small sized army here!

COMMUNICATION.

March 3, 1918.

To the Editor of The Tech,

Dear Sir:

At the Junior dinner held last Saturday, mention was made of the fact that it will be impossible to include a Portfolio Section for the Class of 1919 in next year's Technique. Suggestions were called for concerning the advisability of the class publishing its own portfolio or of simply letting the matter drop.

It would seem that the publishing of a permanent record of the Class of 1919 in a form similar to that of previous Senior Portfolios ought to be undertaken by our class. There is little doubt but what most of us will be very glad to have a record available before many years have passed. I do not know how many times I have had occasion to look up information about recent graduates in the last three issues of Technique alone, and am certain that a record of members of my own class will be even more interesting and valuable.

The production need not be so elaborate as to require anywhere near the amount of time which it takes to compile an entire volume of Technique, nor need the expenditure reach the figure necessary for the publication of the larger book.

As Professor Rogers said, the Class of 1919 is the last of three to be associated with the three outstanding conditions under which the Institute has lived during the past three years. It has had the privilege of beginning its career in Old Rogers; it has lived in this younger New Technology; and it is still here in the midst of the present world conflict and will leave the Institute to take part in it.

With the intimate associations fostered by these three unusual conditions, the class has been bound more closely together than most classes could have been, and it would be a pity to leave any stone unturned which would tend to keep this bond strengthened in the years to come.

Very truly yours,
(Signed) W. R. McKENNEY, '19.

DRIVE FOR 37TH ENGINEERS

The 37th Engineers is an electrical-mechanical unit now being organized to install, maintain, operate and repair all power and lighting equipment with the army in foreign service. All work connected with the construction and installation, both inside and outside, will be done by this organization. The personnel of each company consists of men highly trained in their respective vocations and includes machinists, carpenters, pipefitters, pattern-makers, foundry men, boiler-makers, oxy-acetylene welders, handymen and engine drivers for stationary work. A few cooks and blacksmiths are needed.

The generating units may be steam, gas, oil or gasoline driven and there is need for men who can operate such engines. Only well qualified men need apply and all will be required to enlist as privates. There are a large number of non-commissioned grades to be filled and every man will have an equal chance for promotion, which will be made impartially upon general qualifications. Enlistment is open to all men between eighteen and forty years old, both inclusive. Men of draft age are preferred and may obtain the necessary papers through the office of the Chief of Engineers. Arthur R. Waugaman, first Lieutenant, 37th Engineers, N. A., will be at room 330, 84 State street, from 9 A. M. to 4.30 P. M. daily to interview applicants. Papers are issued to applicants upon recommendation to the office of the Chief of Engineers.

It is especially desirable to induct men who are of draft age as they may be drafted sooner or later into some organization where their special talents will not be so valuable and where it will be difficult for the Engineers to get them. In case one cannot interview Lieutenant Waugaman and is well qualified he should apply with letters of recommendation to the Commanding Officer, 37th Engineers, room 195, War Department, Washington, D. C.

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MEETS BEING ARRANGED FOR THE VARSITY WRESTLING TEAM.

Freshmen Members Improving Fast—Captain Giles '18, Beter.

The wrestling team is hard at work in preparation for several meets which are to be arranged in the near future. Springfield is likely to be one of the first opponents as Manager McFarland is now hopeful of concluding arrangements for a match with them. An offer for a match was received from the Boston Y. M. C. U. team but as they are in the professional class, it was deemed advisable to reject this proposal. It is going to be exceedingly difficult to arrange many first class matches this year as the majority of the New England colleges, notably Harvard and Brown, have no teams to represent them.

A return match with Andover is also being arranged, and the Institute team is setting out in earnest for the scalp of Andover in retaliation for the defeat which was handed them on Feb. 23, the final score being 14-5 in favor of the latter. The men on the team feel that circumstances were altogether against them in this match and that had luck favored them a little more the result might have been different. Captain Giles '18, varsity champion in the 145-pound class, who was unable to participate in the Andover meet because of a sprained neck is fast improving and announces that the men want to show Andover that they really can beat them. His return will serve to strengthen the team very much.

All of the freshmen who made the varsity team this year are showing marked improvement every day and are being coached in the more intricate rudiments of the game by the veterans of the team. The personnel of the team at present is as follows: 115-pound class, Smoley '19; 125-pound class, McFarland '18; 135-pound class, Gordon '21; 145-pound class, Captain Giles '18 and Ramsey '21 158-pound class, Wirt '18.

NEAL E. TOURTELLOTTE '17 TELLS OF EXPERIENCES IN EUROPE ON WAY TO FRONT

Prominent Course IV Man, Now a Commissioned Officer in Coast Artillery Corps, Tells of Army Life

Neal E. Tourtellotte '17, who is now a 1st lieutenant in the Coast Artillery Corps and already in France, has written a series of letters which are to be published in The Tech. While at the Institute Tourtellotte was one of the leaders of his class and active in the affairs of the Institute. The second installment follows below:

French Fond of United States

"The French are certainly fond of the United States. At every opportunity they express it also. In the Place de la Concorde in Paris, there is a row of statues representing the chief different cities of France. One of these is of Strassburg, capital city of the lost (?) province of Alsace-Lorraine. Up to the start of the war this particular statue was always in mourning. Shortly after the war began however the mourning was removed and the statue gayly decorated with French flags. Now as a tribute to the United States however they have added a huge American flag! The statue is covered with French flags. On the top, side by side, float the flags of the United States and France. None of the flags of the other Allies are exhibited or have been exhibited here. When we saw this subtle compliment to the good old U. S., it certainly heightened our own particular love for the French.

"Often while walking down the street, old gentlemen would stop us, gravely salute, shake us by the hand and then in slowly spoken French or broken English tell us how glad they were to see us ever here to help them and how much they appreciated our assistance in the great fight for 'Liberte'."

Have Interesting Trip to Camp

"We finally arrived at camp after a very interesting journey down in the company of some French artillery officers who happened to also occupy our carriage. As luck would have it the office was not expecting us but rather 27 other officers from another place. They did not come so we piled into their waiting machines and were royally transported up to camp, to a hot supper, over a half mile of muddy road. We were certainly mighty lucky in that we did not have to tramp the whole distance in the dark!

"As before explained part of our baggage, namely our bedding rolls had been misdirected at the port of embarkation, and had not caught up with us yet. So we were placed in the Charity Ward barracks room. Some of the fellows claimed that the blankets must have been donated by the Senegalese (negro) troops by the odor. Anyway they were warm. We borrowed enough sheets from some other fellows that were already here to keep the blankets away from our faces and thus slept in peace.

"We are quartered eight to a room in stone barracks. They have been mobilization barracks for the French troops. We have a most excellent stove. The weather is ideal. It is not cold and most of the time we go around without even our overcoats on. At that we are only a short distance from the front and can hear the roar of the cannon at times. The mud is the only thing that we don't admire here and we are even getting used to that. We wear our rubber boots or high leather ones all the time. Shoes would not be any protection at all. It is hardly mud, rather a slush or liquid dirt.

Drink Light Wine for Water

"Practically every evening a large number of the fellows go down to nearby wine rooms. You can get an excellent bottle of the best light wine for about \$1.00 with good cheese and bread also. The fellows sit around and spend an evening over the purchase. Nobody drinks the water over here. In the first place it is liable to be polluted and in the second place, good wine is too cheap! One is not able to explain the situation over here as regards the wine habit. It is true temperance one might say. They are drinking the best thing for their health. I have never seen a drunk man since I arrived. They drink only small amounts of the light wine which is practically non-intoxicating. Champagne is plentiful but only fools drink it in the opinion of the French.

"We spend a good deal of our time in tramping to nearby villages. They all have some relic or antique of particular interest. Their churches are little gems in most instances. I can't say that I admire their arrangement of the farm yards however. The manure pile occupies the middle of the yard

to the detriment of all its surroundings.

"Only a few kilometres from our quarters is a large battlefield of this war. We have strolled over it many times and by aid of maps and descriptions, visualized the whole affair. Graves of course are very numerous. Every French grave is marked with a little fence, and erect cross and a flag. The German graves are the same except that they have no flag, simply a card stating, 'run allemand.' It brings home the war to thus visit the scenes of former battles and to see the numerous graves. There are also many houses and buildings that are in ruins from shelling.

Find French Pronunciation Hard

"We now have a French poilu who is 'endeavoring' to teach us the language. He pronounces a word and we all grunt or whistle it back at him. Great sport indeed! As one fellow said, 'It's all right to make those crazy noises when you talk but I'll be darned if I knock my two front teeth out as that poilu is fixed, so that I can imitate him!' Perhaps there is some truth in that and that is the reason that we are having such a time in getting the correct pronunciation. I'm not willing to sacrifice my two front teeth either.

"As a matter of fact you can get along practically everywhere by speaking English, except in the country. It is rather embarrassing to go in a shop to make a purchase and after exhausting your French vocabulary without any results, to finally in desperation utter the English equivalent and have the clerk say 'yes indeed, we have it. One moment please.' They all know the price of their articles in American money also.

"It was quite a trip down from our port of embarkation to the rest camp in England. We were well welcomed all along the way however by the people at the stations. We met with English coffee for the first time and must confess that we were not very well impressed. It has a far greater proportion of chicory than coffee in my opinion.

"It was our first meeting with the continental manner of railroading, with the little engine and coaches, the compartments, the guards, etc. Notwithstanding our doubts the train seemed to make pretty good speed getting under way very quickly.

"On arrival at camp, we were lined up and marched up to report. The road was a climb most of the way. Our O. O. marched us all the way at attention, in close file, and at about a forty pace. We dropped men by the wayside every minute it seemed to me. It was a good two miles to the office but it seemed as if we would never get there. After our lack of sleep and 'eats' for the three preceding days it was quite a hardship. As one man said, 'I can be court-martialed for what I think of that O. O.' It's all in the game however.

Quartered in Huts

"We were assigned to huts that contained about six rooms, two men to a room. The stoves in each room were our 'pride and joy' however. In my room all the back of the pipe had been eaten away. There was a draft all right but it never passed through the stove. Finally I found an old Rameses cigarette tin, bent it into shape and placed it in the pipe so that it partially covered the hole. The fire seemed to grow more hopeful then and the last few days we were very comfortable. The blankets on the bed were English Army blankets. One of the fellows claimed they were made of goat wool. Anyway they had bristles on them so long that they cut right through your pajamas—and we had thick flannel ones too. They were very warm however and once you got to sleep you were all right.

"We ate in an English mess. We had mutton in some shape for every meal, accompanied by jam and cheese. Milk was so high that it was practically impossible to get it. We had war bread and butter 'margine' both of which were very good.

Made to Feel at Home

"We had an amusing little adventure while buying part of our outfit in the village near the camp. After we had fitted our uniforms, the 'boss' invited us into his private office and invited

NINETY ATTEND ANNUAL JUNIOR DINNER

(Continued from page 1)

dergraduates of one or two years ago. The Review, he said, is to be made a quarterly magazine with items which will "not only surprise you, but will fill you with pride." He prophesied that it would be a full record of events for the alumni to remember. Professor Rogers apologized for the English Department by saying that the members had to be amusing to hold their jobs as well as to interest their classes. "On the interest which you show in our classes," he continued seriously, "depends whether or not you become an engineer or go to work like a Harvard Grad." He closed by calling attention to the fact that the Junior Class was the last of the three classes which attended exercises in both the old and new buildings, and the last class which was at Technology when the present war broke out.

ORDNANCE COURSES

The American colleges now offer special six weeks' courses to young men who wish to study the technicalities of ordnance field service. Fifteen hundred graduates of these institutions already have been placed in the service, their initial instruction usually being supplemented by a detail at some arsenal. Applicants of from 18 to 40 years of age are eligible, but those who come within the draft regulations must have the recommendations of proper officials. The colleges listed by the ordnance department include Dartmouth, Columbia, University of Pennsylvania, State College of Pennsylvania, University of Pittsburgh, University of Michigan, Chicago, Northwestern University and the Universities of Oregon and California.

The curriculum includes the principles of scientific store-handling and store-control methods. The students visit industrial plants to receive practical instruction. They are taught army organization, the organization of the ordnance department and trained thoroughly in the organization, personal duties and methods of operation of the ordnance field depot. They are taught the methods of ordnance property accounting, military correspondence, military law, and infantry drill.

A registrant, not drafted, may receive an authorization from the chief of ordnance to take the course. On the completion of his college course, the student completes his training with a five-weeks' course at some arsenal. All enlistments or deductions must be made in the grade of private, and no higher grade is promised by the ordnance department; but almost

men upon going into the service have good chance of being made non-commissioned officers with the opportunity open to them, after three months' service, of being selected to attend training school at Camp Meade for training of ordnance supply officers.

CAPT. KING ADDRESSES NAVAL ARCHITECTURAL SOCIETY MEN.

Captain King of the good ship "Sailors' Haven" spoke Friday, March 1, at a dinner held by the Naval Architectural Society at the Hotel Napoli. After telling a number of stories, Captain King discussed the problem of improving the living conditions of sailors to help by designing ships with that end in view. The principle reasons for the disappearance of the American sailor and, with him, of the American merchant marine were, he said, the unhealthy and immoral conditions in the crew's quarters aboard ship. Captain King said that, while patriotism might keep the American crews at their duty for the present, the end of the war would mark the exit again of American sailors, unless the shipping corporations made an effort to provide better quarters for the men.

The dinner was attended by students of course XII and by nearly all of those taking the intensive course in Naval Architecture. Professors Peabody and Owen and other members of the instructing staff were present as guests.

The Government has established at Columbia University in New York city a school of military cinematography at which 150 students are already under instruction as official war photographers.

us to have a glass of his special sherry with him. He wished to talk over the mutual interests of England and the United States and why they had been apparently at odds for so long a time. Indirectly it was the British tradesman's idea to make us feel at home. I wonder if they would ever do such a thing in the States?

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GORDON MCKAY WILL

Dr. Arthur Gordon Webster, a Harvard graduate, who is now a member of the faculty of Clark University, believes that the solution of the problem caused by the merging of Harvard's scientific school with Technology may be obtained by the institution of a school as originally outlined in the will of Gordon McKay.

Prof. Webster gives his belief that the present time is most opportune for Harvard to make the only move that is now left, since the adverse decision of the supreme court. He explains his plan in an open letter to the Harvard Alumni Bulletin.

"An unexpected event took place," he says. "Someone apparently opened the good ship Graduate School of Applied Science quietly disappeared beneath the waves, the crew, however, being got safely off and received into the snug harbor of the Institute of Technology, where the names of the professors in the now defunct school may be found. In return therefore the names of many of the Technology professors were introduced into the Harvard catalogue, and it became difficult to tell who is who or where in Cambridge.

"The chief reason why it was so to be regretted when the graduate school was merged in the Tech was that the character of the hoped-for school was at once lost. An inspection of the catalogue of Technology shows it to be chiefly an undergraduate school, with little promise of devotion to research, little promise of devotion to research or the higher training of which I speak. Research is, of course, done in all our technical schools, and at the Tech we find research laboratories of physical and of applied chemistry, of sanitary research, and a research division of electrical engineering.

"These are all good as far as they go, but they do not go far enough. Without doubt, we have in this country very capable engineers, who have accomplished engineering works on a grand scale, but in my opinion we sadly lack men of the stamp of Rankine, and Fleming Jenkin, Lord Kelvin, Barré de St. Venant, Clausius, or Zeuner.

"It will not be necessary for the new school to be large. Huge schools cannot succeed in research. A dozen students of the highest quality would be a plenty. But more important are a half dozen such professors. May we not hope that this time the corporation will seriously consider its responsibilities, and give this country an institution of which it as well as Harvard may be proud?"

FOUND ARTICLES

The following articles can be reclaimed by calling at the office of the Superintendent of Buildings and Power, room 10-0063: One copy "College Physics," 1 copy of "Notes on Mechanics," 1 copy of "Abstract of German Grammar," 1 red paper-covered notebook, 2 M. I. T. handbooks, knives, 1 pair eyeglasses, 2 pair eyeglasses in case, 1 "Perfection" watch, 1 "Ingersoll" wrist watch, 1 "Ingersoll" midget watch, 1 celluloid rule, 1 gray silk scarf, 1 pair kid gloves, 1 pair mocha gloves.

Technology Men in War Service

The Tech wishes to print the names of Technology men in War Service, whether in a military or industrial capacity, together with the branch of such service with which they have allied themselves. Notification of any corrections or changes in the information given in this column will be appreciated. Address any information of this character to the Managing Editor, The Tech, Massachusetts avenue, Cambridge, Mass.

MACALISTER, ALEXANDER G., Jr., '18, 3rd O. T. C. Camp Upton.

McFARLAND, ARTHUR W. '19, Gas Def., San. Cps., or Co. M, 302nd Inf.

MacLEOD, NORMAN, D. '14, Capt., Adj., 103 Regt., 6th F. A., A. E. F.

McNARY, H. L. '18, in Military Service.

MEANS, ROBERT S. '19, Co. T. Bat. A, P. O. C. B., 301st F. A.

MOORE, L. E., '02, Capt., 301st Engrs. Staff, care of D. G. T., A. E. F.

MORRISON, A. F. '12, Lt., Ord. Dept., temporarily at Wash.

O'BRIEN, JAMES S. '17, School of Military Aeronautics.

OSBORN, STANLEY H. '15, 1st Lt., Med. Sec., O. R. C.

PARKS, GEORGE U. '19, Pvt., Amer. Air Serv., Paris.

PIGEON, F. B. '11, 2nd Bn., F. A., Plattsburg.

POLLEY, EDGARTON G. '18, 2nd Lt., Ft. Leavenworth.

POND, THOMAS C. '15, 1st Lt., 1st Btry., R. O. T. C., Fort Meyer.

PRATT, HAROLD G. '19, was with U. S. Nav. Avia. Det., M. I. T.

PRAY, IRVING R. '11, Pvt., Co. B, 1st U. S. Pioneers.

PROUTY, T. R. '12, 2nd Lt., 301st Inf., Camp Devens.

REED, JAMES D., Jr., Nav. Constr., Navy Dept., Wash.

RHODES, W. S. '95 or '97, 1st Lt., Amer. Univ.

ROCKFORD, J. L. '09, 2nd Bn., F. A., Plattsburg.

ROGERS, CARL, 5th Additional Co., Depot Brig., Camp Devens.

ROSENTHAL, CHARLES H. '15, Pvt., Inf., or Ord., Camp Sherman.

SHERMAN, FORREST P. '17, U. S. N. SHIPPEY, WEBSTER '17, Candidate, C. A. C., Ft. Leavenworth.

SHIRER, HAMPTON F. '18, Amb. Cps. STETTLER, M. M. '18, applied for Avia. Serv., U. S. R.

STEWART, U. S. '15, Mach. Gun School, Springfield Armory.

STONE, NELSON '15, O. T. C., Fort Niagara, New York.

SULLIVAN, W. H., Lt., jr. gr. Asst. Nav. Constr., Portsmouth Navy Yard.

TOWNE, LOCKWOOD J. '09, in Military Service.

TRAVIS, L. L. '02, 2nd Lt., 5th Engrs. Ft. Leavenworth.

TRAVIS, L. L. '15, Pvt., O. D., 163rd Depot Brig.

WALSH, J. H. '07, Lt., Asst. Nav. Constr., Wash.

WARREN, WILLIAM H. '14, 1st Lt., Sig. Cps.

WELLS, S. Lt., jr. gr. Asst. Nav. Constr., Wash.

BIGELOW, EDMUND C. S. '20, was in Amer. Amb. Serv.

BOND, NELSON A. '18, O. T. C.

BURPAGE, SEVERANCE '02, Maj.

CHRISTIE, JOHN '09, Reported draft.

CLARK, ROBERT C. '05, 2nd Lt., Cav., N. A.

CLIFFORD, WALTER, was with Nav. Avia. Det. at M. I. T. as Instr.

CONNERS, NORMAN D. '19, O. T. C., Camp Upton.

COPELAND, WILLIAM '03, Pvt. or Corp., Pa. N. G.

WILES, W. C., Jr., '18, U. S. N. R.

DENBOW, D. F., 1st Lt., O. R. C.

DRAKE, ALLEN F. '18, Inf., Camp Devens.

FOOTE, CHARLES, Ground School, Avia. Cps., Ohio State College.

GIBBONS, THOMAS M. '17, Pvt., Co. K, 262nd Inf., Camp Devens.

GRAVES, DONALD S. '20 Seaman, 2nd Cl., U. S. N. R.

HADLEY, H. S. '20, Amb. Serv., A. E. F.

HAHN, A. J. '14, 1st Lt., C. A. C., U. S. A., A. E. F.

HENDERSON, RUBEN S. '09, was in Amer. Amb. Serv.

HIGBEE, H. A. '10, Red Cross, Paris.
HINCKLEY, N. C., '18, was Flying Cadet, Avia. Sec., Sig. Cps., M. I. T.
HOLBROOK, WALTER A. '03, Ensign, U. S. N., or Capt., E. O. R. C.
HOLMES, WILLIAM N. '13, C. A. C., U. S. A., A. E. F.

HUBBARD, FRANK S. '17, Draftsman, Naval Avia., or Eng. Cps.

HUSSEY, JAMES W. '00, Lt., Naval Avia., or Ensign, U. S. N. R.

INGRAHAM, FRANKLIN T. '16, Avia. Cps., or C. A. C.

IRELAND, GILBERT M. '14, British Army.

JAMES, EDWIN W. '07, in Military Service.

JASIONOWSKI, V. A. '16, Lt., C. A. C.

JOHNSON, WILLIAM T. JR., '17, 2nd Lt., Inf. O. T. C.

JOHNSTON, NORWOOD P. '19, was in Amer. Amb. Serv.

JONES, WILLIAM A. '18, was in Avia. Cps. at M. I. T.

KURTZMANN, CHRISTIAN '09, 2nd Lt., Camp Q. M. Asst., Q. M. C.

LANG, W. W. '12, Pvt., N. A.

LARRABEE, JOHN H. '00, U. S. N., Navy Bldg., Wash.

WINTER, WILLIAM '03, N. A.

WOOLLEY, CHARLES H. (no numerals), was in Amb. Serv.

WORTLEY, RALPH W. S. '19, was in R. O. T. C., Harvard, during 1917.

WRIGHT, HENRY W. '18, was with Amer. Fld. Amb., A. E. F.

WYMAN, GEORGE W. '16, was Asst. Instr., Ground School, M. I. T.

WYNN, W. E. (no numerals), F. A.

YERANCE, ALEXANDER W. '12, 2nd Lt., 305th Engrs., Petersburg, Va.

YOUNG, P. L. '20, was training at Plattsburg, 1917.

MOTION PICTURES FOR ARMY.

The present war has demonstrated that training must be thorough if success is to be expected. Heretofore practical training of organizations. Now each soldier must be a specialist and at the same time he must have a general knowledge of the duties of other specialists in his company, troop or battery. The expansion of the Army has introduced a large number of leaders who need to know something about the duties of the other specialists. As in general they are working to the limit of endurance and as time is a vital factor, it is necessary to devise some method to give them an idea of the Service. The majority of these Reserve officers now assembled in large camps are often called upon to instruct on subjects new to them. They study the regulations, but often differ among themselves in their interpretations of them. It is therefore necessary that a method be devised by which instruction can be standardized.

The Training Committee of the Army War College has decided to use motion pictures as an aid in, and to standardize, the instruction of the Army. The Commanding General of each cantonment has been supplied with one reel on each of the following subjects: 1. Courtesy and Discipline; 2. Bombing; 3. How to Shoot; 4. Physical Drill; 5. Manual of Arms; 6. Bayonet Fighting; 7. Pistol Shooting; 8. School of Squad; 9. School of the Company; 10. Gas and Gas Masks; 11. Arm Signals for Infantry. These pictures were taken at West Point, N. Y. Reports verify the judgment of the Training Committee, Army War College. Most of the Division Commanders already realize the assistance of this method and are fully availing themselves of every opportunity to use these pictures.

The experimental stage having been successfully passed, other reels are soon to be prepared at the Infantry and Artillery Schools at Fort Sill, Okla. These pictures will be included in the Schedules of Instructions. It is sincerely hoped that they will standardize the instruction at the various cantonments with that of the Service Schools. One staff officer at each camp is usually detailed to conduct all exhibitions of these pictures. He becomes so thoroughly familiar with them that he can call attention to the meat and pith of each picture. In order to maintain interest, it has been found from experience desirable to show three reels during a performance; two on military subjects and one not essentially military but purely educational, or classified as comedy or tragedy.

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