THE JOHNS HOPKINS NEWS-LETTER

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FUEL SAVING AND THE WAR

By ALEXANDER G. CHRISTIE, M. E.

[This is the fifth of the series of articles on war problems written for The News-Letter by a member of the faculty. Associate Professor Christie, of the school of mechanical engineering, has been actively interested in the fuel problem, of which he has made a thorough study, and has recently launched a fuel conservation campaign. In view of the coal proclamation of last week, the article assumes additional significance—Ed.]

ARTICLE V.

Food saving has become a national effort and one is reminded on every hand that "food will win the war." This is only partly true, for what use is food if we have not enough fuel to move it or to make ships to carry it across, or even to make shells and munitions for our men at the front? Hence, "fuel" is quite as important a factor in winning the war as food.

It has been stated that we are producing 50,000,000 tons more coal this year than last year. Yet we are experiencing a very serious fuel shortage. This is due to an increased demand over last year for 100,000,000 tons of coal, due largely to our industrial activity for war purposes. Hence, we face a net deficit of 50,000,000 tons, and unless we allow our war activitities to slow down, this can only be taken care of in the following ways. Coal reserves can be drawn on. Industries non-essential to war can be closed down. Coal can be saved by employing more efficient methods in firing it and in using heat.

Almost all coal reserves have already been drawn upon and they are now practically exhausted. The Government is taking steps to limit the amount of coal supplied to industries whose output is not essential to winning the war. Engineers and manufacturers have turned their attention to the problem of saving fuel. This question has already been given much consideration in Baltimore, and such efforts will probably produce the greatest relief. Let us consider for a moment the facts bearing on this situation.

In 1917 we produced about 700,000,000 tons of bituminous coal in this country. Of this, domestic consumers used about 15 per cent.; the railroads used about 10 per cent., while 67 per cent., or roughly 470,000,000 tons were burned to produce steam in industrial plants. Engineers of national prominence have pointed out that it is easily possible to save at least 10 per cent. and probably even more of this coal if improved methods of firing are employed and heat wastes are eliminated. It

(Continued on page 3, col. 3)

58 MEN IN AVIATION COURSES

Hopkins Opens Preliminary School for Student Aviators—"Doc" Brooks, "Alec" Wolfe, E. Jones and Van Hulsteyn Enter.

The preparatory school for student aviators, under the direction of Professors Christie and Keowenhoven, opened last Monday evening with 58 men enrolled. The purpose of the course is to prepare men who have been accepted for the aviation service and are awaiting their call for the strenuous course that they will have to undergo at the "ground school," from which approximately 35 per cent. of the entrants fail: it is with the idea of reducing the number of failures at the "ground school" and of giving serviceable training to men that would otherwise have to mark time, so to speak, that the courses were inaugurated.

Among the Hopkins men who have been admitted to the course are "Doc" Brooks, captain of last year's football team and all-star Maryland back for two years; "Alec" Wolfe, captain of the lacrosse team and 'Varsity football man; Elmer Jones, star back of this year's team and all-Maryland back; and J. M. C. Van Hulsteyn, '18, who enlisted in the Naval Reserves last spring. Brooks is the only army man of the quartet, the other three men all being "seagoing" men. Both Brooks and Wolfe are members of the Hopkins Circle of the Omicron Delta Kappa.

HOPKINS MEDS OUTCLASS U. of M.

The University of Marylandbasket-ball team proved to be no match for the crack Johns Hopkins Medical School team, which scored a 60 to 12 victory at the Central Y. M. C. A. on Saturday night. The Meds drew first blood, and it was soon evident that the Marylanders were out of the running; the Meds had everything their own way, and scored at will. Cuneo, a former Princeton star, carried off the individual honors, shooting eight goals from the field and eight from the foul circle. The line-up:

Hopkins.	Position.	U. of Md.
Sheffey	L. F	Hirsch
Scheurich	R. F	Bennett
Hearne		Mason
Weinert	L. G	Brazill
Cuneo	R. G	Buchness
Substituti	one Passials	for Cumos

Substitutions—Reznick for Cuneo. Goals from field—Hirsch (3), Sheffey (7), Scheurich (6), Weinert (5), Cuneo (8). Goals from foul—Bennett (6), Cuneo (8). Referee—Ulrich-Periods—20 minutes.

Percival—Is he good in math? Algernon—You bet. Never even whispers.—Ex.

MORE WORK FOR BATTALION.

New Courses and Lectures Arranged.

Dr. Abercrombie Made Surgeon.

Schmidt and Winslow

Promoted.

By a series of general orders last week Major Guild took a significant step in the direction of putting the Hopkins Reserves Officers' Training Corps Unit on a war basis. The most important thing was the starting of lectures and recitations for the entire battalion in the science of warfare. There will be every Wednesday at 11.30 o'clock a battalion lecture which all members of the corps are required to attend; in addition, there will be one period of recitation a week for all men, who are divided into two classes for the purpose of instruction, a first year and a second year class. All second year men must also take a course in military field engineering on Tuesday from 4 to 6 P. M. These classes and lectures virtually have precedence over all other University work. Besides these, however, there is the formation of the following classes for instruction and conference: 1. An officers' school, meeting Fridays, from 1 to 3 P. M., which all commissioned officers must attend. 2. A staff class, for commissioned assistant instructors, meeting Wednesdays from 4 to 6 P. M. 3. A staff conference for all commissioned assistant instructors above the grade of first lieutenant, to meet Fridays from 11.30 to 12.30.

In the second place, the R. O. T. C. Unit at the University is from now on composed of the following four divisions:

1. The Division of Infantry Training.

2. The Division of Military Field Engineering.

3. The Division of Military Signal Engineering.

4. The Division of Physical Training.

This last feature was made possible by the incorporation of the Department of Physical Training under the control of the Commandant of the R. O. T. C. Unit, to which end Dr. R. T. Abercrombie is appointed captain, R. O. T. C., and is made surgeon of the Hopkins R. O. T. C. Unit; and Instructor Theodore Kistler is appointed assistant instructor, R. O. T. C., this University, with the rank of sergeant.

In order to make the corps a smooth, proficient working unit an advisory board is formed, constituted of the heads of the four divisions: Major Guild, Captain Tilden, Captain Kouwenhoven, and Captain Abercrombie, which

(Continued on page 6, col. 3)

TWO MORE FACULTY MEN LEAVE

Dr. Caswell Grave Commissioned Captain in Ordnance Department—Dr. Raney Sails for France on Important Mission.

In the course of the past weekthe faculty of the University was further depleted when Dr. Caswell Grave, associate professor of zoology, and Dr. M. Llewellyn Raney, librarian, left their work at the University to enter into the service of the Government.



Dr. Grave was commissioned captain in the Ordnance Department and has been ordered to report at the newly-acquired proving grounds at Gunpowder Neck, where he will be engaged "in some important work." J. L. Krieger, '18, laboratory assistant in chemistry, and W. H. Taliaferro, laboratory assistant in biology, will be associated with Captain Grave in his work. Captain Grave is a graduate of Johns Hopkins University, having received his Ph. D. in 1899; and was Bruce Fellow during the years of 1900 and 1901. For six years, ending with 1912, he was Shell Fish Commissioner for the State of Maryland. For the last few years he has acted as Director of the Woods Hole Laboratory in Massachusetts during the summer. He was always popular among the students of biology, in each of whom he took a keen, personal interest. Until the time of his departure Captain Grave served as a private in Company "C" of the Hopkins Battalion, in which he enlisted this fall. Dr. E. A. Andrews, professor of zoology, will take charge of Captain Grave's classes in his ab-

Dr. Raney bid farewell to his associates on Wednesday afternoon, when he started on the first leg of his journey to France. Dr. Raney will represent the American Library Association, for whom he will superintend the distribution of books among the American troops, and study the

(Continued on page 8, col. 2)

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J. E. ALDRED LECTURES.

Through the generosity of Mr. J. E. Aldred there has been founded in the Department of Engineering a course of lectures on Engineering practice. The course of lectures is one feature of a general plan, made possible by Mr. Aldred's gift, for furthering and improving undergraduate instruction in the methods and problems of the practice of enginering.

The lectures will deal, therefore, with the practical phases of engineering problems, rather than with theory. They are not expected to discuss new and striking applications, as much as to deal with every-day working methods of design, construction, and operation.

Since the lectures are planned especially for undergraduate students, they will presuppose an elementary rather than an extensive knowledge of underlying theory, and will lay special stress on the tangible and obvious features and principles of practical engineering of the present day.

During the year 1917-18 three lectures each will be given in the general subjects, Civil, Electrical, Mechanical Engineering. They will be given on Wednesday evenings at 8 o'clock, on the dates shown on the accompanying list, in the auditorium of the Civil Engineering Building of the University at Homewood.

The requisite number of seats in the lecture hall will be reserved for the student body. There will, however, be ample additional space, and engineers or others who may be interested will be welcomed. The lectures are open to the general public, and tickets of admission are not required.

January 16 — "Steam-Electric Power Plant Design," Mr. A. S. Loizeaux, Electrical Engineer, Consolidated Gas Electric Light and Power Company of Baltimore.

January 23—"The Manufacture of Structural Steel," Mr. Bradley Stoughton, Secretary, American Institute of Mining Engineers, New York City.

January 30-"The Relation Between Civil Engineering and Military Engineering," Major-General William M. Black, Chief of Engineering neers, U. S. A., Washington, D. C. February 13 —"The Develop-

ment of Concrete Road Construction," Mr. Arthur N. Johnson, Consulting Highway Engineer, Portland Cement Association, Chicago, Ill.

February 20—"Copper Refining," Mr. Edwin Wells Rouse, Jr., Assistant Superintendent, Baltimore Copper Smelting and Roll-

ing Company, Baltimore.
February 27—"The Operation of a Manufacturing Plant," Mr. Ralph E. Thompson, Superintendent, Gillette Safety Razor Company, Boston, Mass.

March 6-"The Growth of Electric Systems," Mr. Julian C. Smith, vice-president, Shawinigan Water and Power Company, Montreal, Can.

March 13-"Coal and Its Combustion in Boiler Furnaces," Mr. E. G. Bailey, President, Bailey Meter Company, Boston, Mass.

March 20—"The Control of

Stream Pollution," Mr. Earle B. Phelps, Hygienic Laboratory, American Public Health Service, Washington, D. C.

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THE AIR SERVICE AND THE WAR

Its Place in Warfare and the Kind of Men Who Alone Can Qualify for it.

Printed at the request of the U.S. Signal Corps.

College men are needed for the air service.

There, of all places, they are best fitted to serve. There they can use the education and the physique that their peculiar advantages have given them; there they can express their own individuality and be their own directing gen-

Picture a battle-plane three to four miles above the trenches, alone in the richness of the skies, ever watchful for a lightning stroke from the enemy, ever eager to swoop down upon an observer below, itself a tiny mechanism less than 30 feet from tip to tip, though powerful with the power of a 200-horsepower engine, Uncle Sam's advance guard "over there"-

Or the observer or photographer, soaring down to within a mile or so of the enemy's trenches, seizing upon and recording every movement among them, guiding the big guns behind, locating enemy batteries, directing shells into convoys, guarding friends beneath from treacherous surprise attacks or traps, laying bare the enemy's

Or the bomber, swooping down to blow up an enemy convoy, raining hundreds of pounds of the world's most deadly explosives from the skies, converting a withdrawal into a rout, winging off across country to cut the enemy's arteries over the Rhine or to annihilate his ammunition center at Essen-

Such is the air service.

Warfare in the clouds has be come as specialized in the last four months as that on land. It is fought in different strata by different planes. There are the tiny, tough little machines for the flashing air duels; there are the heavier, slower machines for spotting and photography; there are the cumbrous, awkward machines of great sustaining power for all night bombing trips into the heart of the enemy's country. And each requires a different type of man to guide it. Each places before America a different problem in person-

It is pretty easy to say what kind of man is not wanted for the air service. First, of course, you do not want a man who has a weak heart or lungs and who might collapse at a high altitude. Nor a man who is timid or cowardly, who might lose his head in an emergency. Nor again a man who is ill-disciplined, unable to obey orders, or to play his assigned role in the great team work of the skies. Each and every airman, responsible for the lives of 28 E. BALTIMORE STREET | thousands of men on the ground |

beneath him, the guide of the army and the hope of victory, must be as nearly perfect as is humanly pos-

This leads us to positive qualities. Besides health, besides bravery, besides consciousness, an airman must have brains and judgment. Brains because only a trained mind can master flying, radio, aerial photography, codes, reconnaissance and the kindred sciences necessary to this new science. Judgment because all these powers in the hands of an ill-balanced mind might work a ghastly havoc among the men who are sent forward or held back on an airman's signal.

Let us not think such men are plentiful. Most decidedly they are not. They must be sought with the greatest diligence. And they are being so sought, as can best be shown by figures. Only last week the air service turned away two applicants out of every three. The safety of the country as well as of the men themselves demands that the standard be maintained irre-

The one greatest of all places for real airmen is in the colleges. There, indeed, is the flower of the country, men who having received much, owe much. The proportion of them answering the requirements of the air service should be immeasurably larger than among less favored, less fortunate men.

If America breaks the deadlock of three years through the air, if the wings of her new eagles bring victory to the world's democracies. it will largely be the college men who will have the credit of it. Already there is a great fraternity of them in the service, working as they never worked before, in this country, in England, in France, in Italy, in Egypt.

Now is the time, for it will require until next summer for an aspirant starting now to become complete master of the air. The description of how a man is given his wings will be given in another official article on January 31,

FUEL SAVING AND THE WAR.

(Continued from page 1)

would thus be possible to save 50,-000,000 tons per year of the coal used for industrial purposes. If this saving were effected the coal shortage would be overcome and our industrial life would not be disturbed.

How can this saving be effected? Firemen must be induced to operate boilers and furnaces at higher economy. This involves technical methods, and technical instruments that need not be discussed here, but which are familiar to all first-class operating en-

Equal opportunities to save fuel lie in the utilization of heat after it is generated. One of the greatest sources of heat loss is due to faulty boiler settings in domestic as well as industrial plants. Any air that leaks through cracks or holes into the boiler represents just so much dead loss in fuel. These leaks can be stopped very easily by plastering up such cracks.

Every citizen can help save heat. All unnecessary lights should be kept turned off; radiators should be closed off before raising windows and should be turned off when leaving offices for the day. Halls need less heat than is now common practice, and the heat can be cut off some entirely.

Almost all homes are overheated. Sixty-eight degrees is a comfortable living temperature, and if proper clothing is worn a lower temperature can be carried. Until the war is won we must learn to dress ourselves in warmer clothes and save our precious coal for helping out the boys "over there." The man who brags of wearing the same weight of underwear both summer and winter will soon be looked upon as a disloyal citizen, for he is unnecessarily wasting valuable fuel to keep his home up to summer temperature.

The present extreme shortage of coal is due to transportation difficulties, and probably will not be greatly relieved this winter. A number of circumstances have contributed to this condition. The railways have been short of money for years, and their equipment has not been properly maintained to meet the unprecedented increase in traffic. They have lost employees in the draft, and repairs take unduly long time. The winter has been more severe than usual, with increased difficulties from snow and frost. Locomotives are being sent abroad instead of being added to our own rolling stock, and cars are tied up in congested yards at ocean shipping points. The problem is a complicated one and will take some time for the railroads to overcome these difficulties.

The condition confronting us is a very serious one. Coal is a prime necessity in the conduct of the war, and our war industries must be kept going. A serious coal shortage exists, and the only apparent way to relieve it is to reduce our ordinary coal demands by every means possible.

Fuel saving is therefore a patriotic duty of every citizen, for the fuel saved will make possible a greater output of munitions. It is said that it takes four pounds of coal to produce one pound of steel in a shell. The average weight of steel in all shells is about 25 pounds. So every time one manages to save 100 pounds of coal, one can expand his chest. point to the saved fuel and say: "There's another shell for the Kaiser."

Postage stamps now cost three cents and taste worse than ever. -Judge.

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BALTIMORE, MD., JAN. 21, 1918.

A Test of Non-combatant Patriotism.

About one-half of the nation awoke last Thursday to find itself confronted by a Government order that (besides robbing many breakfasts of all pleasure) involved a material sacrifice or, at least, a certain amount of inconvenience. The order came as lightning from a clear sky-no warning, no evasion, no time for deliberation or preparation. It was as if an enemy, in the absence of our army, had suddenly landed upon our shores—had attacked us without the least warning; it was a crucial test of the patriotism of the "men behind the army."

Momentarily, the public press, the overwhelming majority of the business men, and Congress—the great organ of public opinion, combined to pour forth a mighty, roaring stream of protest that must have resounded throughout the world-even to the hills of France and the newspaper offices of Germany. Just what effect was produced is, at this time, impossible to determine. One thing, however, is quite certain: It could not have heartened American soldiers nor the Allied Armies to have learned that their countrymen and their Allies, for whom they were gladly sacrificing their lives and their all, had loudly and stubbornly complained of a comparatively insignificant sacrifice or slight inconvenience. Soldiers understand the importance and the necessity of discipline, authority, and self-sacrifice, for a well-organized and efficient civil government as well as for a wellorganized and efficient army. To our soldiers in the field it could not have been a particularly happy and convincing demonstration.

Fortunately, there was a different attitude at Johns Hopkins University and, presumably, at every other college and university within the jurisdiction of the socalled "drastic order." The colleges stand out sharply and creditably by way of contrast. Early Thursday morning the President called a meeting of a faculty committee; and, before noon, there was posted on the bulletin boards notices to the effect that-in accordance with the Fuel Administrator-the buildings of the University would be closed on the next ten Mondays. The schedule of classes was readily adjusted to the proposed changes. No confusion, no demonstrations, no protests—despite the fact that there was, according to the standards of the general public, ground enough for protest. It is significant that the University immediately recognized the importance of unqualified and unflinching support of the Government's order. Promptness and unanimity were the demands of the moment; delay and protest spelled accumulative obstructions and partial, if not complete failure. It is only one more example of the intelligence, loyalty and unselfishness that has constantly characterized the attitude toward their Government in a crucial period of colleges and college men.

The Air Service and the Colleges.

The article on the Air Service of the United States Army, printed elsewhere in these columns, has a direct appeal to every college man: the Air Service is peculiarly a college affair. The importance and significance of airplanes in this war has been attested by two foremost Hopkins professors— Major Wood and Dr. Ames—both of whom have officially visited the battle lines of France. The highest qualities of intelligence, character, and physique are required of applicants to the Air Service, into which it is a recognized honor and privilege to be accepted. And the Recruiting Bureau does not try to conceal the fact that it wants, in preference to all others, college men, who by virtue of their training, are best fitted for the responsibilities and rigors of the Air Service. The spirit of adventure and the thrill of discovery will be satisfied and met in the aviation Service. Finally, and above all, the Government tells the colleges that it needs aviators. "The Government may depend, as ever, upon the colleges," is the only answer we can suggest.

O. D. K. Meeting Postponed.

The monthly meeting of the Omicron Delta Kappa Society that was to be held on Tuesday evening at the Hopkins Club was postponed until this week.

DR. HOLLANDER FOR ECONOMY

In First of a Series of Lectures on Food Conservation, Dr. Hollander Emphasizes Necessity for Economy.

Dr. Jacob Hollander, professor of political economy at this University, in the first of a series of lectures to be delivered before the Women's Civic League at McCoy Hall laid particular stress on the fact that in order to bring the nation up to its highest point of efficiency during war-times the manufacture of non-essentials must be eliminated from the present industrial program.

He stated in the course of his lecture that the surplus from year to year in economic goods is very small and once the machinery of production is interrupted a scarcity is bound to occur. "We are literally living from hand to mouth," was the way that Dr. Hollander expressed the present situation and therefore the maintenance of our industries is essential to the life of the nation.

The withdrawal of men from the industries is of necessity bound to result in the decrease of national income. The situation, however, is more complicated than this, for these men are not only withdrawn from the mills and factories of the country, but must be fed and clothed.

Dr. Hollander pointed out that there is but one solution to this very grave problem and that is to produce more. He deplored the fact that the editorial columns of the daily papers and the magazines of the country have been thus far so indifferent to the situation and have not impressed on the people of the nation the necessity for increased saving.

The solution of the present problem, as Dr. Hollander sees it, is the elimination of the manufacture of non-essentials. The men, capital and materials that are today going into the manufacture of things that are unnecessary should be diverted to make up the deficit that will result when a million men are taken away to carry on the war.

Dr. Hollander concluded his lecture with a few words of advice how each individual can do his bit to win the war. "Cut your spending to the bone," he said." "Be guided in the running of your household by the Food Commission. Convert your savings into Liberty Bonds. If working, work harder. If idle, work. Just so far as the people of the United States fall short in these things, just so far do we fail to contribute our share to the winning of the war."

The next lecture will be delivered by Hon. Edwin G. Baetjer, Food Administrator of Maryland, on "Food Legislation and Administration," on Tuesday, January 29, 1918.

NEWS FROM MEN IN SERVICE

The News-Letter wants to devote this page to news of Hopkins men in the service. It is impossible for the editors to keep in touch with every man in the service; the co-operation of the families and friends of Hopkins men with the colors is earnestly sought. The News-Letter will be glad to publish letters, photographs and general news of men in the service, which will be returned upon request. Address The News-Letter, Box 232, Johns Hopkins University.

That Capt. Harvey B. Stone of the Johns Hopkins Base Hospital in France, has translated some of the spirit which made him honor man in the class of '02, as well as gridiron hero and all-round athlete into patriotic service may be gathered from the following extract of a letter to his wife. Captain Stone, as well as "Baer and Fisher," are graduates and members of the faculty of the Medical School.

"France, Dec. 16.—We have been unusually busy. One of the divisional hospitals was moved and they evacuated to us over tients in one day. The last convoy of 78 arrived at 2 A. M., so we had quite a bit to do. Each patient has to be gone over for his medical condition, and, if possible, given a bath; examined for vermin; a record of his admission made; his belongings gathered up, tagged and put away, and then the man himself put in the proper ward. You can readily see that doing - in 24 hours is a this for over big job and required a wellplanned organization to carry it through. There are clerks, attendants and medical men to train. Beds must be provided and the exact number and location of each empty bed known - not simple when you are actually admitting and discharging patients all day long and every day. Then there is food to be thought of and a sufficiently elastic kitchen system worked out to provide at all hours for varying numbers. Finally, the cases that are in need of urgent attention must be provided with Xray and other special examinations, and operation if necessary. No hospital in Baltimore is as large as our six now, and none has ever had such a big day's admission in my memory. I am glad to say we stood the test admirably and the arrangements we had made worked without a hitch. Of course, these were medical cases; battle grounds would have been a much more severe test of our organization, but we think we could have gotten away with that too.

"Baer and Fisher were promoted this week to majors, much to the gratification of all of us.

"The war situation does not please us much. The full strength of the Central Powers can now be concentrated on the western and short Italian fronts, and they will no doubt try to break through or score crushing blows before the

United States can get into full swing. Personally, I feel utterly optimistic as to the outcome, but I think there is a very bad time just ahead, and when I consider how long it will be before the bitter end is reached and the Huns are properly licked I get a bit seasick. But there is no other way out that will be tolerable and we must put it across. I hope the people home realize this, and believe they do. The striker, the profiteer and the pacifist, no less than the actual pro-German, should be handled as firmly and as relentless as is necessary. Sentimental reluctance to take what seems harsh measures may now cost the lives of many of us over here, millions of dollars and years more of war; also, the politician and self-seeker and the man with a padded reputation must step aside or be kicked out. This job will take the full effort, intelligence and force—physical and financial—of the whole country, and it must be well directed at that.

"Those who know the Hun, much as they may hate him or despise him as a human being, do not belittle his brains, resources, or bravery as a fighting man. This talk about a sudden German collapse is self-delusive bunk. They will fight until they are well

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licked, and just now they are as far from it as at the start of the war. That is the cold truth. Russia is out of it and we are not yet in, and just now the preponderance of power is really with them. They know it and will not be slow to use it. Still, we will lick the stuffing out of them in the end or die trying. This is one war that cannot end in a real draw. A 'draw' means they have won, which means they are free to play the same game over again, with the advantage of all the lessons they have learned this time, and I don't want to see Doug and Brint and Jack cross the ocean in 15 years, or perhaps go to our own seaboard to fight the children of these mad fools all over again. No, sir! Let's make a day of it this trip, if it costs the last man and the last dollar, rather than have it all to do over again."

Stewart Wins Commission.

Hyland P. Stewart, Jr., A. B., '12, has won his shoulder straps as first lieutenant in the Aviation Section, Signal Officers' Reserve Corps, at San Antonio, Texas.

Lieutenant Stewart is a member of the ninth class of the Ground Officers' Training School, which graduated December 29. Throughout the course the company has been considered by officers at the field the best drilled that has thus far attended the school, and at the graduating exercises it was commended for the splendid showing made in classroom and on the field.

Lieutenant Stewart, as wing commander, was personally commended by the ranking officer for his high class average and the efficiency attained by the men of his wing. Lieutenant Stewart is president of the class organization and at a banquet given at San Antonio after the graduating exercises the class showed its appreciation of him as wing commander by presenting to him a wrist watch.

Luke Vickers, Airman, is Now in France.

Luke R. Vickers, a former lean and lanky campus photographer, has been commissioned a lieutenant in the Aviation Service and recently landed in France. He finds the French girls attractive, and is confident that the war will be over as soon as the Germans discover that he is over there.

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NEWS OF THE UNIVERSITY Y.M.C.A.

From January 3 to January 6, at Northfield, Mass., there was held a conference of college men and women under the auspices of the International Y. M. C. A. About 600 students were present, including representatives of almost all of the larger colleges and universities of the United States and Canada. There were seven delegates from Hopkins-five from the medical school, and two from the departments at Homewood. Among the speakers were some of the most prominent men of the Y. M. C. A. of today, John R. Mott, Robert E. Speer, Ross Stevenson, and R. P. Wilder. These men brought out particularly the challenge of the present crisis to the young manhood and womanhood of the colleges, and urged that they be able to say as Pershing said at Lafayette's tomb, simply, "We are here," and report ready for any duty to which they might be assigned.

The University Y. M. C. A. will conduct a discussional Bible Class to study the life and teachings of Jesus each Tuesday evening at the Y. M. C. A. Supper will be served at 6.20 P. M. and the class will be over about 7.30. A strong leader will be provided, and all students are invited.

"No wonder women go into politics," ventured Mistress Malloch, "men are such brutes and devoid of sentiment. The other night I asked Will in my sweetest way what his favorite dish was and he said, 'The ash tray.'"—Ex.

MORE WORK FOR BATTALION.

(Continued from Page 1)

will assist the commandant as its name implies.

Hereafter, a general order states, all members of the Hopkins Corps must salute the following persons: The President of the University, the Dean of the University, the Commandant of the Unit, the Assistant Commandant, commissioned officers of the Army, the Navy, and the Marine Corps, the Commissioned Assistant Instructors, R. O. T. C., this University, and student Commissioned Assistant Instructors in uniform. The faculty officers must be saluted at all times.

The following appointments and assignments took place:

Second Lieutenant Winslow to first lieutenant, Company C.

Sergeant C. W. Schmidt to second lieutenant, Company B.

The Commandant announced that he desires to have about six members of the Corps (preferably sophomores) volunteer for instruction in fencing, with a view to their becoming instructors next year. These men are directed to hand their names in to Captain Abercrombie at once.

"Who's the guy that's holding Imogene's hand?" asked a waitress in a rapid-fire restaurant.

"Feller that wants to marry her," replied another waitress.

"Hoh! Some men will do anything to get out of giving tips."—
Ex.



THE NEWS-LETTER'S MAIL BAG

A Column in Which the Correspondents Are Allowed Latitude, but Shoulder the Responsibility.

All letters intended for publication must

be concise.

No attention will be paid to anonymous letters, but names signed as an evidence of good faith will not be printed if request is made that they be omitted.

The publication of a letter is not to be taken as an indorsement of its views by The News-Letter, which invites the freest discussion of matters of general interest.

Praise for a New Course.

To the Editor of THE NEWS-LETTER:

Sir-What I am going to say may have nothing to do with any college interest; if so, such a college interest should very soon be manifested. The traditional college student is a youth who takes no interest in whatever does not pertain to his college life, and a passive, half-hearted interest in what does. He is on the whole an optimist-an optimist has been defined by one of the professors at the Carnegie Institute of Technology, as a person "who does not give a hang what happens, so long as the darn thing does not happen to himself." By analogy, a pessimist may be defined as a person who is dissatisfied with whatever happens which he would not like to happen to himself. In the light of these definitions the college student owes it to the state in which he lives to be a pessimist. The college student is not asked that he take the whole universe on his back and walk about with his eyes downcast; he is merely asked to take an active, whole hearted interest in all that is going on round about him. Let him familiarize himself with the literary, philosophical, and political tendencies of his own age. Let him remember that much of what is being done today will at some time rank as high, if not higher, than much of what was done in the past.

Dr. Powell, in his course in advanced English composition, is making the attempt to arouse an active interest in the living present. Although the classroom discussions are frequently insipid and shallow, they are not entirely valueless. There lies in Dr. Powell's very commendable work the possibility that the time is not far distant, when it will no longer be said that colleges are merely shrines, where the past is worshipped or fertile fields for attractive social clubs. J. M. B.

Wants More Credit for Military Training.

To the Editor of THE NEWS-LETTER:

Sir—It seems to me that a question which should interest all battalion members is the small amount of credit that is given for military training. Recently the university authorities have rigidly backed up a policy of giving military work precedence over academic studies. If military training

really has such importance (as I firmly believe it has) why not credit the battalion members with more points? In addition to the regular drills there are: One lecture hour for all R. O. T. C. members; two recitation periods, one for sophomores, one for freshmen; a class in military map reading and drawing for sophomores; and an officers' class for battalion officers and seniors. Is it not then only reasonable that more than two credits should be allowed for a course consisting of at least three hours of classwork, besides four hours of the practical drilling and field maneuvers? What other seven-hour course in the University is valued at only two credits a year? Last year with only one lecture a week the amount of credit was just what it should have been; but now, with two more lectures a week, it stands to reason that more credit should be given-probably four or five credits instead of two.

MAYNARD, R. O. T. C.

The Advantages of Freshman Math.

To the Editor of THE NEWS-LETTER:

Sir—The new concrete driveway to the cellar door of the C. E. Building has been finished over a month, but the Landscape Engineering and Improvement Committee must not stop its good work here. The Dean forbid! The University will never be safe for posterity until a walk has been laid from the curve of Wyman Park nearest the southwest corner of Gilman Hall (the southern end of the stone bridge) up to the driveway, which leads to the portals of the office of Postmaster John Myers. Monday mornings at eight-thirty we sit in warmth and comfort (physical, if not mental) in Doc Hulburt's room, and watch the people toiling painfully up the steep slope from the frog pond. We see Mr. Ball, laden with bundles, beautiful library ladies, learned upper-classmen, and sophomores doing their best to be early. Only the Decalogue-bound freshmen keep to the road. Maybe things are the same on other days; as we are elsewhere, we don't know. At present, when the ground is frozen, the grass seems the best place to navigate, but-ye gods of the chemistry lab!-what will happen when the thaw sets in and mud reigns supreme? Think of the dangers of pneumonia, grippe, whooping-cough, and T. B. from the wet ground! We ask that you, Mr. Editor, or some other person of influence, immediately interview the President, the Dean, the Trustees, the Regis-

COAL CONSERVATION CAMPAIGN

Professor Christie Launches Coal-Saving Campaign for Baltimore-Aims to Cut Down Tremendous Waste.

A fuel-saving campaign which should bring results of great value to the large coal consumers of Baltimore, as well as the public in general, has been inaugurated through the determined efforts of Associate Professor A. G. Christie, of the Department of Mechanical Engineering. Prof. Christie, who is secretary of the Baltimore section of the American Society of Mechanical Engineers, spent the two weeks of Christmas vacation in the interest of the campaign, and by the latter part of last week had succeeded in co-ordinating the efforts of his own organization and those of practically all the organizations throughout the city having the proper handling of fuel within the scope of their influence.

According to Professor Christie's figures, which have never been challenged, the fuel waste in coal alone in Baltimore amounts to over \$2,000,000 a year, and it is toward cutting down this appalling waste to a reasonable figure that the campaign is aimed.

A meeting was held under the joint auspices of the Engineer's Club, the various stationary engineers associations and the Baltimore section of the American Society of Mechanical Engineers last Thursday evening, the purpose of which was, according to the announcement, "to interest every fireman in Baltimore in the subject of fuel saving."

Alumni Notes.

Dr. Fred C. Blanck, who received both his A. B. and his Ph. D. at Hopkins, has been elected by the State Board of Health as Food and Drug Commissioner of Maryland. Dr. Blanck has been connected with the United States Department of Agriculture, where he has done notable work in the investigation of food problems. Dr. Blanck has been highly recommended and is eminently qualified to fulfill the duties of his new position.

Governess-Dorothy, won't you give your little brother part of your apple?

Little Dorothy-No. Eve did that and has been criticized ever since.—Judge.

trar, or somebody in authority. and spur them forward to quick action on this urgent matter.

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Notice to News-Letter Candidates.

Owing to the frequent and sudden changes in the management of THE NEWS-LETTER this year, it has been difficult—if not impossible—to give adequate and proper attention to candidates for positions on the editorial staff. It is therefore proposed to hold, for the purpose of registration and instruction, on Thursday, January 24, at 12.30 o'clock, at The NEWS-LETTER office in the Barn, a meeting of all men who want to be considered candidates for editorial positions.

TWO MORE FACULTY MEN LEAVE

(Continued from page 1)

various needs and phases of the French libraries. Inasmuch as some of the libraries are established within a few miles of the front trenches Dr. Raney will get an opportunity to see the "big game" at close hand. The distribution of the books will be carried on through the Y. M. C. A., the Knights of Columbus, the army chaplains, the Red Cross, and the Y. W. C. A. hostess houses at base hospitals, all of which have accepted the responsibility of getting the books into the hands of the soldiers.

Another mission, upon which Dr. Raney is being sent and which he considers equally important, is the supervision of the censorship of German technical periodicals. Until the occasion of our entry into the war and the trading with the Enemy Act, it was the com-mon practice of the Germans to smuggle into the technical magazines, which mean so much to engineers, invidious propaganda. It will be Dr. Raney's task, at the instance of the Government, to purge these magazines of their dangerous parts, so that they will once more be accessible to our engineers.

Dr. Raney is also a graduate of the University, having received his Ph. D. in 1904. Dr. Raney is responsible for the ingenious library arrangement that is the feature of Gilman Hall, and the high standard of efficiency maintained by the Hopkins library.

He-Artists are born, not made. She - I know, poor dear. I wasn't blamingyou.—Yale Record.

Fraternities! Seniors! Classes and Teams! NOTICE

Between January 20 and February 20 all pictures that are to go in the 1918 Hullabaloo must be taken.

PRICES:

Individuals.....\$2.00 2. Groups 5.00

Arrange for sittings today with Jeff Miller, Business Manager.

PHILOLOGICAL SOCEITY MEETS

The Johns Hopkins Philological Association held its monthly meeting on Friday, January 18, at 11.30 A. M. The meeting was called to order by President Wood. and the minutes were read by Secretary Robinson and approved. Minor communications were presented by Dr. Albright and Dr. Haupt. A paper was read by Dr. E. P. Dargan, of the Romance department, on "Saintsbury and the French Novel." Dr. Dargan reviewed the recent book by Saintsbury, the well-known Scotch literary critic, on "The French Nov-el." The principal paper was read by Dr. I. I. Efros, of the Semitic department, on the "History of Modern Hebrew Literature." Dr. Ember, Dr. Collitz and Dr. Wood took part in the discussion of this paper.

Fuel Order Hits University.

In accordance with the proc-lamation of the Fuel Administrator, President Goodnow ordered that the buildings of the University should be closed for the next ten Mondays. All Monday lectures and recitations have been transferred to corresponding hours on Saturday. Until the normal schedule is resumed, the battalion will drill from 9 A. M. to 1 P. M. on Monday; there will be no drill on Thursdays.

NOTICE

Subscriptions to The News-LETTER are payable at the Post-Office, in the basement of Gilman Hall. The price is \$1.50 if paid before Friday, January 25; after that date it will be \$2. This last extension of time has been made to give delinquents a last chance.

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