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University of Nebraska College of Medicine

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The Pulse

THE CONNECTING LINK BETWEEN
STUDENTS, ALUMNI AND FACULTY
OF THE

UNIVERSITY OF NEBRASKA COLLEGE OF MEDICINE

Vol. XII

DECEMBER, 1917

No. 3



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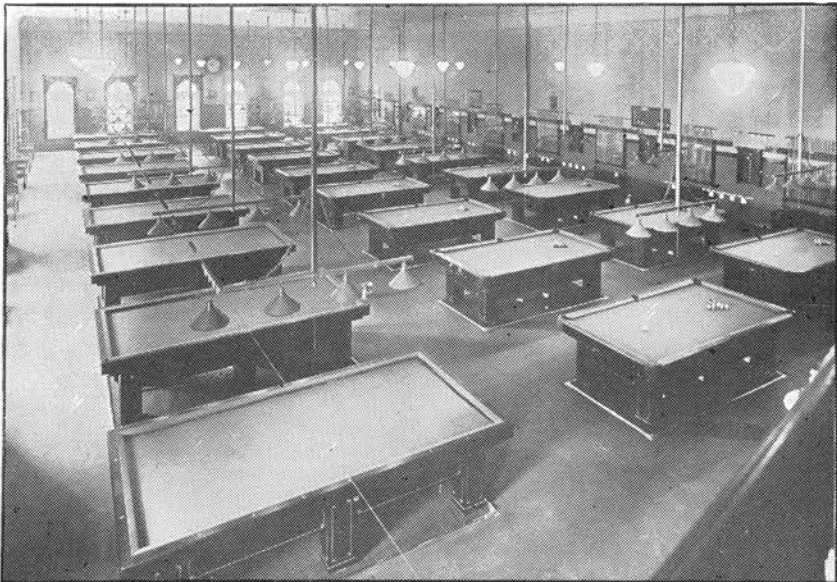
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OMAHA, NEBRASKA

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OFFICIAL ORGAN OF THE NEBRASKA MEDICAL ALUMNI ASSOCIATION

PATRIOTISM

No man can compromise with his conscience. The fellow who fails in life is like the sailor at sea, who held the needle of the compass in his own hand—held the needle out of position and then continued to sail in the wrong direction. Your conscience is your compass. Are you holding it toward our beloved government in this crisis or is it being drawn in the right direction by the magnetism of love for America?

The school tried to put over a Y. M. C. A. campaign and it was a horrible failure. Think of it, a school such as ours putting over a failure such as we did. It is terrible and who or what is to blame? The school is absolutely unpatriotic and the sooner it gets wise to the fact, the better off it will be. There was absolutely no enthusiasm and just as soon as the school loses its enthusiasm it is absolutely in the way. And it is more than this; it is an expense account.

The main argument given for not subscribing to the Y. M. C. A. fund was that the student is too poor a person to be able to give any money to such things and yet, this same student went to a dance the very same night and spent about four dollars of money that he was supposed to be too poor to possess. This same student bought a liberty bond, put on a button and called himself a patriotic American. In buying a liberty bond, this student sacrificed nothing, he merely laid fifty dollars or a hundred dollars away for the rainy day. Any man who can afford to give fifty dollars for a liberty bond can give five dollars to the Y. M. C. A. or Red Cross or what ever the charity happens to be. And then, it is not charity, it is the life, the diversion, the health and the morale of those who are over there fighting that the world may be safe for us and ours. If America should lose this struggle, you may rest assured, that William Hohenzollern, the self-styled "Allah's ally," Gods most eminent living friend, won't ask you for anything, he'll take it away from you and make you like it. The

average student wastes more money than any other group of men. Think this over, you fellows who forgot to come across with anything, and see where your conscience places you.

Remember the Spartans did not inquire. "How many are there of the enemy," but they asked instead "Where are they?" It is with such a spirit that our boys over there are going into the struggle in contrast to you at home who are saying, "How can I get out of helping the boys?" You do not say this outright, but say it hidden behind some bluff as "Oh, yes I will do anything for the boys," meaning thereby, that you will do anything providing it does not interfere with your plans or happiness. The boys over there are sacrificing their lives for you and when you are asked to sacrifice a little pleasure that they might have some you come back with the argument, "We, as students, have no money," and you are liars in the first degree and your conscience knows it and you can not kid your conscience out of it. Where is your compass now? A man is either for or against America. There can be no fifty-fifty position in this fight. GIVE, GO or GO TO

HONOR ROLL

List of Officers commissioned from Omaha, Douglas County, in the Medical Officer's Reserve Corps

*John Jacob Fossler	1st. Lieut.	George William Publey	Captain
Henry Leland Akin	Captain	John Earle Pulver	Captain
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George Peyton Pratt	1st. Lieut.	Wesley Charles Becker	1st. Lieut.
		*John Arthur Peters	1st. Lieut.

*Indicates Nebraska men.

Instruments and school supplies—that's us.—Watters & Stoney.

THE APPLICATION OF BIOCHEMISTRY TO PRACTICAL MEDICINE

By Amos W. Peters

It is an old observation we are least conscious of the significance of progressive movements that take place during our own lifetime and in our own immediate environment. We have a natural difficulty in taking a perspective vision of things that are so near and familiar. This is one reason why the overweight which chemistry has for some time been exerting on our whole social system is not appreciated until its whole force is upon us as in the present war conditions. This over-reaching progress of chemistry is just as evident in medicine as in the industries. The recently educated physician of the present and of the near future, differs from his contemporary or predecessor of older education, by the *impress* which chemical medical progress has left upon his habit of thought, his judgment on pathological questions, his diagnostic technique, or his ability to use chemical information gathered by others. The practicing physicians who read the progressive medical journals are fully aware of this line of progress whose force had not yet been brought to bear on them effectively, during the period of their own medical education. Their needs and a practical method of meeting them require a separate discussion from this one which is primarily directed to medical students. These men, however, who are now in the midst of the practical physician's strenuous and honorable work, are found to be by no means stinting in their advice to the student, to acquire the use and judgment of this new arm of medical service which has, during the past few years, been added to the older medical resources. Anatomy, histology, bacteriology, immunology, morphological pathology, physiology, the older *materia medica* and therapeutics whose chemical aspects were formerly learned by rote, no longer suffice for a modern, not fancy, but working equipment, of the medical practitioner. They are, and always will be, fundamentals of medical education, that no student can desire to escape, but the time when they were the *complete* fundamentals has passed into the history of medicine. These subjects are rapidly being sub-laid by a chemistry appropriate to their subject matter and the sum total of this kind of chemistry is the now well established biological chemistry, or biochemistry, which is not exclusive but is rapidly becoming a common means of information and explanation for the use of all these other subjects. Upon the student who lives in the beautiful "now" of opportunity, who needs no past to excuse his shortcomings, and who fears no future, it may be permissible for an instructor to urge some consideration with reference to this topic.

As the most important and practical accomplishment to be made in the application of biochemistry to clinical medicine should be placed the *control*, by the biochemical method, of the treatment and the progressive development of individual cases. Efficiency in the industrial establishment of today has led to a sharp demarcation of the departments of laboratory control from those of the research departments both of which use chemistry and physics. But the control laboratory examines and evaluates by chemical and physical means all the material which enters the factory and all the products which leave it, and their

control work modifies and regulates every step in the operative elaboration of materials. The writer knows of at least one state in which a chemical control laboratory examines and evaluates all the fuel and other supplies purchased for the use of its public hospitals, asylums and similar institutions. Control chemistry and physics in the industries not only save all they cost, but they are actually profitable as well as indispensable. Exactly the same proposition is true of the practical medical treatment and management of individual cases. We have, however, but few illustrations to demonstrate it on account of the want of chemical training and consequent inability of the majority of physicians either to make such controls, or even intelligently and sympathetically to use such control information, when it can be had. Extreme critics, who are partly right and partly wrong, have said that medical practice often displays most interest in the diagnosis of a patient's ills and next in the making of a surgical operation, if fortunately the diagnosis naturally runs in that direction, but that the treatment of the patient, which of course, interests the patient and his friends the most, does not receive a fraction of the interest, detail and efficiency that are devoted to the other aspects mentioned. There is a large class of chronic pathological conditions which demand all the resources of the diagnostic art, whether chemical, immunological or what not, whose treatment would be far more hopeful than at present if it only did naturally run in the surgical direction. No branch of modern medicine is more efficient than surgery. Owing to our increased and improved public health and personal hygiene services the class of chronic conditions referred to, are continually becoming larger proportion of all cases, if for no other reason, merely by the suppression of the acute infections. Here, in the treatment of these chronic functional derangements, whether of obscurely infectious or of any other etiology, is the very promising and but little worked field for continuous or serial biochemical control which at present should be added to other methods already in use without supplanting them. Emphatically, however, we may say that the time is ripe for the practical utilization of biochemical data which are so obtained as to run in a parallel series with the entire history and therapeutics of a pathological condition. These data would constitute a most important factor affecting both the judgment and the procedure of the progressive man who wishes to treat such cases scientifically, in the light of the best and most complete information obtainable by present means and moreover, without the loss of any founded empirical values which have been otherwise acquired in the practice of medicine. The feasibility of obtaining such data for general use we hope to discuss at another time, but we are now speaking of the utility, the advantage, the necessity of serial biochemical control as *one* factor in the management of numerous obscure or intractable functional derangements. We advocate such control for its practical utility. We have not said a word about experimental or investigative or research medicine. He who has not gone through the experience of obtaining, evaluating and correlating biochemical control data with all other information obtainable, can have no realization of the precision with which such data register changes for better or for worse in the condition of a patient. If the

diagnostic orientation, including the biochemical survey, has once succeeded in identifying the variable biochemical factors, these will be found to constitute an exceedingly sensitive instrument of registration that will weigh heavily in the clinician's judgment. Biochemistry as a science and as a technique is abundantly able to study cases profitably in this way. In fact, its wealth of accomplishment, the continual outpouring of its researches in physiology and pathology, are to a large extent ignored clinically, not because of their inapplicability, but because of educational limitation on the clinical side. If you are a medical student of *today* you should develop the capacity of studying cases by that method, of making biochemistry surveys for diagnostic purposes and of conducting biochemical controls on the progress and treatment of pathological conditions.

In order that the student may do this successfully, however, it will be necessary to recognize the fact that the conventional analytical biochemical equipment of the medical student does not satisfy the above requirement. Important and fundamental as this is, it is only the means to the end sought viz. the ability and the habit of thinking, the processes of physiology and pathology, chemically, biochemically, dynamically as well as mechanically or morphologically. This means training in biochemical thinking, not simply in making various chemical tests, which is the present limit of the chemical capacities of most students. Not analytical technique alone, nor the exercise of the memory on facts, nor by any means the prevalent informational attitude of mind with its concomitant estimation of values by percentage grades and college credits, *but training on biochemical problems of a physiological and pathological nature, that compel biochemical thinking*, will bring the result that is worth while.

WALL SCRIBBLINGS FOR FORMER MEDICS

On the delights of lectures.

Talk, Talk, Talk,
 Till my ears are split by the din,
 Sit, Sit, Sit,
 Till my pelvis sticks thru my skin.
 In lecture and clinic and quiz
 I wear out my pants in the seam,
 Till over the benches I fall asleep
 And wear 'em out in my dream.

And on Thanksgiving

Eat, Eat, Eat,
 Till my tummy is tight as a drum.
 Drink, Drink, Drink,
 Till all my bowels are numb.
 My mother and Sister and Girl
 Are stuffing me night and noon,
 While my dad looks on admiringly,
 As I rapidly ply my spoon.

Anything and everything in the line of medical instruments and all *guaranteed*.—"Watson Co."

THE COAT OF ARMS OF THE MEDICAL CORPS



Army Medical Corps

In 1818 our Medical Corps (then known as the Medical Department of the Army) was first organized under the administration of Surgeon General Lovell, and it was no doubt about this time that a definite Coat of Arms was adopted.

The following heraldic description of these arms is very interesting:

ARMS—Per pale: dexter an escutcheon paly, of seven gules and six argent; chief dexter azure charged with mullets, five fessways and four paleways, argent; sinister argent charged with a serpent entwined on a staff paleways, all proper.

CREST—A cock walking, gardant sinister, proper.

MOTTO—Experientia et progressus.

The designer of this coat was evidently very well versed in classical medical symbolism.

THE SIGNIFICANCE OF THE TWENTY STARS in the upper left half of the coat of arms no doubt refers to the number of states in the Union at the time it was designed which tallies with the date of the organization. Illinois was the twenty-first state admitted—the date being December, 1818.

THE CADUCEUS or wand of Mercurius now used on the collar of the uniform blouse as a designative emblem of the Medical Corps, has really no medical bearing at all, the officers of the Public Health Service having used it for years. It was first formally adopted by the Medical Department of our Army in the uniform of the hospital steward in 1856, when it appeared on the Chevron. It was not a part of the uniform of the medical officers previous to 1902.

THE SERPENT as a medical design has been considered variously as the symbol of wisdom, of rejuvenescence and longevity, or of convalescence. In regard to the staff and serpent, there is a story to the effect that Aesculapius, the God of Medicine, one day sat in his tent treating his patient when a snake entered and entwined itself about his staff, thus, conferring the gift of wisdom upon him. However, the real origin is no doubt, the serpent worship of India and ancient Egypt.

THE COCK which forms the crest was another prominent attribute of Aesculapius. It was an object of sacrifice to the God by grateful patients.

The Latin motto, *Experientia et Progressus*, adopted by the designer of the Coat of Arms, has proved itself singularly applicable to the subsequent history of the Corps as the Army Medical Corps has made steady and unflinching progress from the early days of the Revolution down to the time of the recent sanitary triumphs of Sternberg, Reed, Gorgas and their contemporaries.

Sophomores—Talk to Stony or Watters about that o. b. grip you're going to need next semester.

MEDICAL SOCIETIES AND RESEARCH

John M. Dodson, speaking before the State Medical Society at Tacoma, Washington in 1902, said: "From this institution, (Johns Hopkins University), with its emphatic pronouncement that the extension of knowledge by original investigation must constitute the very essence of a true university, can be directly traced the origin of the university idea in this country. Soon Harvard, Yale, Columbia and Pennsylvania caught the new spirit, and the founding of Clark University in the early 80's, with the growth of Cornell and some of the state universities, gave evidence of the fact, that the university idea had taken deep and abiding root in American soil." Speaking of university social and intellectual life he said: "No environment is more conducive to the development of a strong, broad-minded influential man and citizen, and that is what we would wish every physician to be." He further said that, "Education and not the imparting of information is the prime object of instruction. It has come to be realized that the actual facts selected for the students acquisition are of minor importance, but that it is a vital matter that he acquire the ability to observe accurately, record clearly and concisely and to think logically along medical lines. This means that the schedule work of the curriculum must consume fewer hours of the day—never more than six—that the remainder of the day may be spent in the library or in his room learning to use the medical literature properly, to write clearly and to think! to think! to think! He places research high in the list of the purposes of a medical school.

Although the chief purpose of a medical school is to perpetuate medical knowledge, nevertheless, universities are not known so much by their undergraduate work as by their graduate study and research. Johns Hopkins, Harvard, Yale, Rush, Michigan are all well known and growing because of the research done in their laboratories and dispensaries. The affiliation of Minnesota with Rochester was not done with the idea of increasing the dispensary service for the undergraduate student, but almost wholly with the idea of giving the doctors of the state an opportunity for advanced study and research. Dr. E. P. Lyon, Dean of the Minnesota Medical School, in the presidential address before the American Medical Colleges in 1914, said: "I advocate it (research) as supplying the proper atmosphere for teaching." If a student uses his summer vacations in research, it would mean that at the end of his four year course he would be a far more competent physician. His ability to observe would have been trained by *original* observation—the only real training in observation. It would increase the amount of research done in the various departments of the school. Incidentally it would mean that he would have an M. A. as well as an M. D. degree. Our graduate school is rather small at present, but I am sure that the Dean and every member of the faculty would like to see it grow. We believe that a strong and active medical society in the school would aid greatly in stimulating interest in this direction.

The total lack of outside activities in our medical school is a rather unique situation. We have no athletics. We have no social club outside of the fraternities. And what is more important, we have no scientific organizations. It seems rather quiet. Stronger terms might be used.

No doubt, the school is young and these activities have not yet been initiated. However, such a condition is far from the ideal. Clubs and societies are stimulating. They are an evidence of proper university activity. A first class scientific school certainly should have a number of live scientific organizations. When our graduates begin their practice, they will automatically become members of the county medical society of the county in which they locate. As members of that organization they must needs take part in the programs of the county and perhaps also of the state society. It is conceivable that at such a time they would like to know something about a library and how to look up a topic, something about public speaking, and something about an organization in general. Will they not wonder why they were taught none of these requirements? Furthermore, since it is a good thing to get away from work once in a while, why not combine these two ideas? Why not have an organization in the school which would mean a little more work and a great deal of pleasure, and at the same time would mean a start at learning things that will surely be needed later?

With these ideas in mind, we started in to see what the feeling in the school was concerning a medical society. We were told that organizations had been started before, but had died out for lack of interest. It was intimated that there was a lack of interest between the clinical and laboratory staffs. Also that neither staff was large enough to carry on an organization alone. It was also hinted that inviting the seniors and juniors to take part in such an organization would not meet with favor. One can hardly help wondering why, when other schools strongly urge these classes to attend. We were also told that the Douglas County Medical Society met all the needs that the clinical faculty felt for a medical society. We wish to point out, however, that the county society is not a university organization and would at best represent university influence only partly. Furthermore, several members of the laboratory staff are not eligible to this organization.

Having been properly squelched in this quarter, we began to think of a freshman organization. Freshmen are "fresh" to the subjects, new to the school, and this, together with their abundance of enthusiasm for their new work offers a rather large opportunity. They are also full of curiosity, which, if properly directed, is an extremely valuable factor in research. Every instructor in a basic science knows that there are numerous questions come up during the year, which the students would like to have better explained or on which they would like to have the very latest information. We thought that such questions, if of sufficient interest, could be worked up from the original literature and a report made before the class. In talking it over with the class, the great majority saw the advantage of such a plan and agreed to their share of the work. As a consequence we started with thirty active members. Of course, all of these men will not develop into research men, but we have reason to think that there is good material among them. Once upon a time, ten righteous men would have saved a certain place from destruction. If every department in the college would interest ten men every year in research along their particular line, what a graduate school we would have in a few years.

There are a great number of questions in anatomy and chemistry which should interest a freshman organization. In both courses there are many fields which are hardly touched for lack of time. The chief topic of every meeting will be a little excursion into one of these fields. To properly prepare for such topics the student would necessarily have to go to the library and get acquainted with chief journals in anatomy and chemistry. This will give them the practice they need in getting data together. They are also required to write the topic up and will therefore get a little experience along this line. The plan is to keep these papers on file so that the class can use them throughout the year for reference. If such a plan is used during their four-year course, they will graduate with a fair knowledge of the library and perhaps such knowledge of the class would help to change the present opinion which librarians have concerning doctors. As a matter of fact, the poor opinion which librarians have of the medical mans library knowledge is well founded. One has only to open a medical journal by chance in order to find wretchedly written articles. The literature on the subject under discussion has not been thoroughly investigated and the opinions of the authors consequently have little weight. We are sure that there will be a number of well written articles during the year and the consent of "The Pulse"—to print some of the best ones will serve as an added stimulus.

The freshman organization is only a starter along the right line. The same class next year as sophomores will probably be interested in the same organization or in some other society organized along their sophomore interests. They will then cover their topics in less time. Less help will be needed in running the organization and individual initiative will begin to show. The primary purpose of the organization is one of helpfulness in their present work. The secondary purposes are to have them learn the workings of our medical library; to make an acquaintance with the medical journals; to stimulate interest in research; and to get them used to talking before a critical audience without having their knees rattle too loudly. At the end of two years of such work, they should make splendid material for a medical society. The freshman society, however, in no way fills the need in our school for a medical society.

JOHN A. KITTELSON.

PROGRAM OF THE ANATOMICAL SOCIETY

at the

Meeting Friday, December 7th, 7:00 p. m.

- 1—The Physicians Interest in a Health Laboratory.
Dr. Meyers, of Pathology Department.
- 2—Abnormal Development of the Mandible and Corrective Measures.
Dr. Davis, President of the Society.

The first evidence of man in Europe is a skeleton jaw near Heidelberg. It is considered the earliest of all skeletal evidence of man in Europe and shows that he lived 300,000 years ago.

That box down in the locker room is for orders for school supplies, etc. If its full (!) hand your order to Stony.

NEBRASKA'S REPRESENTATIVE IN THE NAVY

At the request of the editor, I am writing a few impressions of my work in the Navy. The fact that here in Nebraska we are so far from any coast is responsible from our ignorance concerning the Navy. During the few days that I have been in Nebraska on leave of absence, my uniform has not only aroused a lot of curiosity, but I have been mistaken for conductor, policeman, bandsman, porter, taxi-starter, and bell-boy.

With my class-mate Kriz, I was ordered in May to the Naval hospital at Mare Island, in San Francisco Bay. Our work there was very light, for about thirty of us were sent there. About half were 1917 graduates. In June we were given the examination for the Regular Navy. Soon after this, all of us who were last year's graduates were ordered to Stanford Medical College in San Francisco for a six week's course of training. The principal courses given were Tropical Medicine, Bacteriology, Surgery, Sanitation, and Naval Regulations. Every morning we had an hour of drill.

Following this, the class was scattered, some going to sea, and I was ordered to the Hospital at the Naval Training Station on Goat Island, about a mile from the city. Here I had a very active service in the medical wards, with an average of about fifty patients.

I have always had a dislike for all things military, but within the hospitals there is the same hospital atmosphere that one finds in civilian institutions. I find the officers as human as the medical men in civil life. The fact that resignations are very rare shows that the Navy Medical Corps offers an interesting career.

On entering the Navy, our work is "assistant surgeon," corresponding to a first lieutenant of the Army. The Navy line officer of this rank is called a "Junior Lieutenant."

The paper work in the Medical Department has been simplified recently, and is not so tedious as it seems at first glance. It is practically all done by yeomen and hospital corpsmen, with the exception of the "Health Record." Every enlisted man has one of these, and it follows him through his period of enlistment. It shows everything that happens to him medically when he is discharged from any illness, the medical officer writes up his case in the "Record," and the charts are destroyed.

As a rule, three years out of five, are given to shore duty, which is usually in a hospital, but may be dispensary, executive or sanitary work. There are now twenty-nine hospitals, the largest at Brooklyn.

Never having had a cruise, I can not tell about the work aboard ship. The larger battleships ordinarily have two medical officers, but since we entered the war, they carry three. The destroyers, which are taking such an important part in this war, ordinarily carry only a well-trained hospital corpsman, but the largest ones are now allowed one doctor.

Every two months we are required to fill out a report to the Surgeon-General, stating whether a change is desired, and if so, where, and what sort of work is preferred. Lured by the things I have heard the veterans in the service tell about our possessions across the Pacific, I was

led to request work in the far East, and on November 16th, I received orders to sail for Guam on December 5th.

ANDREW SINAMARK, '17.

WHERE ARE YOU?

Many things, both humorous and critical, are said about instructors in student circles. If you are one of the students, what is your reason? Was it your individual decision? Maybe it was from the uproar after a certain quiz or the consensus of opinion as to how a course should be taught. Perhaps you were unfortunate in allowing your sophisticated superiors to poison your mind before you were given any first hand evidence.

Whatever be the cause, it will surely anesthise your originality and tend to make you a victim of popular thinking, both of which are incompatible with the ideal practitioner.

Uncle Sam hates a coward, but almost equally the instructor dislikes the student who cultivates an acquaintance shy for "political" reasons. Even so if you think you have a just cause for a grievance, think it over again from all angles and if you still think so, see your your instructor before you pollute the sweet minds of your fellowmen.

LIBRARY NOTES

The files of the American Journal of Public Health have just been completed, making a very valuable addition to the library.

While in New York City, Dr. Cutter purchased the following works on Surgery:

Chipault—Travaux de Neurologie Chirurgicale, a six volume set;

Krause—Chirurgie des Gehirns and Ruckenmarks, a two volume set;

Quervain—Spezielle Chirurgische Diagnostik;

Mumford—Surgical Memoirs.

The following have also been added to the library since the last issue of the Pulse:

Fischer—Physical Chemistry in the Service of Medicine;

Kaye—X-Rays;

Hurst—Medical Disease of the War;

Eden and Lockyer—New System of Gynecology—3 vol. set;

Dunn—Pediatrics, 2 vol. set;

Pusey—Principles and Practice of Dermatology;

Power and Murphy—A System of Syphilis, a 5 vol. set.

PHI RHO SIGMA NOTES

The Phi Rho House is proud of the new service flag with its 25 stars. We have hopes of more being added soon.

Ask Ken Thompson how he likes the balloon school by this time.

John Deering recently acquired a Dodge roadster to use in taking care of his voluminous out call business.

With Phil Watters' acquisition of his drums and traps from home nothing is lacking to make the Phi Rho "orchestra" complete.

Announcements were recently received of the marriage of Dr. Hannish, at Buffalo, New York.

Satisfaction guaranteed or your money refunded—so says the Watson Company.

PERSONAL NOTES

Dean and Mrs. I. S. Cutter and son Dick, spent Thanksgiving vacation in Lincoln, and also attended the Syracuse-Nebraska game.

Dr. Andrew Sinamark, First Lieutenant in the Navy, spent several days in Omaha before his leave for Guam, where he will be stationed in a large U. S. Navy hospital on that island.

Dr. and Mrs. C. W. M. Poynter spent Thanksgiving in Lincoln, at the home of Mr. and Mrs. R. A. Bickford.

Dr. William B. Aten is now First Lieutenant of the Twenty-third United States Engineers located at Camp Mead, Maryland.

Dr. J. B. Pilcher spent a week in Omaha recently. The doctor has been commissioned Captain and was stationed at Fort San Antonio, near the Mexican border.

PHI CHI NOTES

Bill Neville spent Thanksgiving in Kansas City.

Deacon Jones spent Thanksgiving in Julian hunting squirrels with Tinker.

Phi Chi will hold a dance December 14th at Harte hall in Dundee.

Stubby Rogers spent three weeks in the Hospital, but is again on his feet and attending classes.

Barnes had a Jug. Barnes lost a Jug. Barnes found a Jug empty.

Rudy Greiss, after an hour of preparing his toilet, is ready for an autopsy.

NU SIGMA NU NOTES

Assistant Surgeon U. S. N. Andrew Sinamark paid the boys a visit just previous to a trip to Guam. It looks like three years for Andrew.

Wildhaber and Salisbury are internes at the Children's Hospital of Pittsburg, Pennsylvania.

Ralph Curti has received his commission as First Lieutenant in the Medical Corps. Dr. Curti has been Roentgenologist at the Green Point Hospital.

"HOW TO SHINE SHOES"

Purchase a good brush and a can of high-grade polish, the kind that sticks to the hands. After you have successfully pried off the lid of the can, endeavor to transfer the polish from the can to your shoes. After you have your trousers spotted, collar ruined and hands stained for life, wash up and go down to the corner boot-black."

THE COURSE OF KNOWLEDGE

She came to college—naive, shy, unsophisticated, innocent of learning, natural, religious, faithful, gentle, lovable, engaged to the "hum-town guy." In six months she went home—blase, sophisticated, polished, veneered, varnished, philosophical, acrimonius, opinionated, intelligent, talkative, with ideas on certain things," and took up the task of educating her "hum-town guy." The task was too much; she gave him up; and he ruined his life playing cards for Spearmint Gum in the corner cigar store.

You don't *have* to buy your instruments of that Stonecypher-Watters combination, but you *ought* to.

THE POPULAR MAN

Fellows I will tell you all about it. I am handsome; I have always been handsome. In my freshmen year at Lincoln, I had to keep a calendar of my "dates" and split up my evenings to accommodate my admirers. I was tremendously popular, and deservedly so. My popularity continued into my sophomore year. I was still as popular as ever. And again my popularity continues this year. I am still popular. But many are the long hours I spend alone in my bleak, cold fraternity while the other less popular boys are down there dancing at the Fontenelle (?) It is not my fault; it is not the fault of the boys; the fault of no one! Let me explain. When Gladys, Eva, Margaret, Lena, Daisy and Liza run over the eligible lists to find someone to date with, they come to my name and stop longingly, and say, "Gee! I'd like to date with John but of course, some one else has asked him first for a date. I'd only get stung!" So they don't ask me. And I stay at home. And many the long, long hour I have wept out, merely because I am paying the penalty of popularity.

J. T. M.

"Aha! boys this accounts for that grade in anatomy—Somewhere in the 80's! !"

THE PRODIGAL SON

This Prodigal Son was a sun of a gun,
And he wasted his coin on wild grain;
Like the Black Sheep of old he *would* have his fun,
And the pace that he hit was insane;
When one fine morn he lined up to the bar,
Pa happened to drop in
And then came WAR!

Pa took him away from the college
And set him to work on the job;
His old pals deserted; he found that his knowledge
Would never buy corn on the cob;
So, soon he got fired—he was way below par,
A poor social outcast—
And then came WAR!

Without any friends or money or work
There was only one thing to be done—
He enlisted to fight 'gainst the German and Turk;
(Insisted on having his fun;)
He left no sweethearts who from afar
Would pray for him
During the WAR!

Shells fell thickly—how the ranks did thin out!
Lieutenants and captains were few;
They slipped him a "com." 'cause he chanced to win out
In a brawl with a Hun in a stew—
And they gave him a medal, made him ambassador,
The Man of the Hour—
After the WAR!

Look up the Watston Co. in Dunn & Bradstreet's and then see us about an order for paper or instruments.

SENIOR SQUIBS**"A Cool One"**

Banton: "I hear you've enlisted! !"
 Johnson: "Yes, I wanted to get into the heat of it all! !"
 Banton: "What's matter, 'fraid of the draft?"

"Ray Knows"

Safarik: "These artists draw big money. It has been figured out that some of them get as high as five dollars for a brush stroke."
 Losey: "Indeed? Why, that's almost as good a scale as the Pullman porter's."

"Experienced Perhaps"

Figi: "Does the moon affect the tide?"
 Folken: "Nope, only the untied!"

"A Mere Substitute"

Wear: "Wonder why they hung that picture?"
 Hanisch: "Probably couldn't find the artist."

"Watch Out"

When you see a stately Senior
 Blushing crimson in the face,
 Every time he takes his watch out,
 Watch out—there's a maiden in the case.

"Speechless!!"

Larson: "That was quite a speech?"
 Mauer: "Yeh! I thought it was! !"
 Larson: "How did you become such an orator?"
 Mauer: "I began by addressing envelopes! !"

"Oh! Boy!!"

Myers: "When peace comes I hope we never have war and care again."
 Westover: "Not have Warren Kerrigan? Why, he's my favorite actor! !"

"Hooverizing!!"

Dow: "Can't read Lamb and Bacon anymore! !"
 Owen: "What's matter, Andy?"
 Dow: "Hoover says we must conserve."

Vanity Fair

Burmen: "Say Holley, can I borrow your dress-suit?"
 Hollenbeck: "Sure, why the formality?"
 Burmen: "Well! I couldn't find it! !"

"In An Alley(ie)!!"

Weigand: "Sh! Did they prove him a German spy?"
 Weyer: "Naw, he had on Paris garters! !"

Instruments and school supplies—that's us—Watters and Stoney.

JUNIOR NOTES

“NICELY SPENT”

Rusche: “I paid all my bills today! !”

Miller: “A well-spent day, eh?”

“LAYING IT AWAY”

Wegner: “Say, Deal, why do you put your coin under your pillow at night?”

Deal: “Oh, I always like to have a little money to fall back on.”

“CORRECT! ! !”

Undergraff-: “What’s political economy?”

Northrup: “Gettin’ the most votes for the least money.”

Hough: “Can anything turn without moving?”

Sederlin: “Sure, you boob, milk! !”

“A FOOL THERE WAS! ! !”

Green: “Only fools are certain, wise men hesitate! !”

Daken: “Are you certain?”

Green: “Absolutely! !”

“A MISUNDERSTANDING”

Block: “So you came to the dance after all?”

Weinberg: “No, there were a few that came after I did! !”

“A CLOSE SHAVE”

Morris: “The placing of barber poles at grade crossings, it is hoped, will reduce the number of accidents.”

Griess: “On the other hand, will they not be a standing invitation for a close shave?”

“KEEP ’EM OUT NIGHTS”

Coleman: “How can I keep my toes from going to sleep?”

Hoffman: “Don’t let them turn in! !”

“RELIGIOUSLY INCLINED”

Rodgers: “What do we mean by going to the Holy Lands?”

Shiple: “It means going to Heaven! !”

“STRINGING HIM”

Nielson: “Did you follow the thread of her discourse?”

Nolan: “No, I soon saw that she just wanted to string me! ! !”

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SOPHOMORE NOTES

Now that the cold weather is upon us, have you noticed how many of the Sophomores are growing those cute little mustache's?"

Dr. Meyers (in first lecture after vacation on looking over the class) "Well, I see there are a few survivors left."

Muskin now holds the record for anesthetizing rabbits in physiology class. Last week he anesthetized two animals in an hour with a perfect score of two fatalities.

Melcher answered to roll call twice this week.

Dr. Watters sure hung a bevy of sore arms on the Juniors and some of the Sophomores.

Rudolph's pet expression. "Aint that some bush I have on my upper lip?"

McCormick wishes to announce that he now has a complete list of the names and telephone numbers of all the nurses in the Hospital.

During vacation, Murray carried on a small bit of research work. He was successful in tracing out the seventh nerve of a Honey Bee.

Don't that odor from the Anatomy lab., bring back pleasant memories of last year?

Perhaps you think that Guenther will be satisfied with you
 If you keep on pulling Sixties every quiz
 Perhaps you think you will have no trouble getting thru
 When the Dean looks over all your grades in Phys
 But that only goes to show
 That you really do not know.
 That you—honest—can't afford to let your grades go down so low.

Perhaps you think there is no need for you to work at all
 And even then the gods of luck invoke.
 Perhaps you think that Poynters notice when it comes this fall
 Can be laughed at just as any other joke
 But that only goes to show.
 That you really do not know.
 That you—honest—can't afford to let your grades go down so low.

A sample of uterine pus from a valuable cow was sent in to Bact. Laboratory for analysis recently and subsequently given out to the class for analysis.

Weeth, upon hearing of the source, suggested we were getting quite an agricultural course.

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ALL STEEL TABLES

Opposing Forces

What does the little birdie say
 Peeping from his nest at dawn of day?
 Oh! Let me fly says little birdie
 Ma! do let me fly away.
 No! You must rest a little longer,
 'Till your little wings are stronger,
 So he rests a little longer.
 Then he flies a way.

What does my old alarm clock say
 As I peep from covers at dawn of day?
 You'd better beat it, the old thing says
 Lot's of time, I'll sleep away.
 You cannot sleep a moment longer
 That eight o'clock doth face you stronger!
 And yet I sleep a little longer;
 Then I fly away! !

**DON'T—
 CLINK.**

Mooch 'piper' when you have a plug of your own.
 Have your friends paged at the Deluxe.
 Splice nerves with black thread.
 Try to stop Barne's and Jenkins' quarreling.

Tease Sorenson.

Kid Pace about the hyperergasia of the follicle cells below his
ORGANON OLFACTUS.

Studying Medicine is Not a Bed of Roses . . .

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"DOES SHE"

Rough Guy: "Do you paint?"

Tough Jane: "That's my business! !"

ANYTHING BUT A LIE

He: "I would do anything but lie for you."

She: "Would you die for me?"

He: "I just told you I would do anything but lie for you."

"TRAGEDY OR COMEDY?"

I had tried all possible means to make her see the sentimental side of our affair. But all my attempts had failed.

That night however, I had determined on new tactics. I sat at the opposite end of the davenport from her. After a time her eyes suddenly began to gaze at me with new interest. She looked steadily at me.

I retained my composure.

Her lips moved but I did not hear the words they made. Her finger beckoned me.

I saw it all—"my new attitude had won her!"

I moved toward her still holding my rising emotions in check. Motionless, I permitted her to lay her face on my breast. But as quickly she withdrew it and said:

"One can always tell when cheap gasoline is used to clean clothes, can't one?"

OUR NATIONAL BIRDS

The American Eagle,

The Thanksgiving Turkey.

May one give us peace in all our states

And the other a piece for all our plates.

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old, rusty, unuseful
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A MUSE IN
AMUSEMENT

MUSE THEATER

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FRESHMEN NOTES

The exemption of freshmen Medical students means that they have been officially recognized as a part of the medical service and as such are considered a part of a factor just as important to our national fighting machine as is the aviation or balloon school.

It means both an honor and an additional responsibility.

The freshmen have been rather unsettled for some time with a kind of "what's the war feeling." The school work seemed rather unimportant when the business of going to war was so much talked of. This is no longer the case, and if a medical education ever seemed important merely as a means of livelihood, it should now be of a double importance in view of the service to be rendered our country.

The freshmen now have a truly freshman organization in the Anatomical Society recently organized.

The weekly meetings afford very desirable opportunity to discuss and clear up things anatomical. It is a good thing and most of the men are turning out to support it.

The following officers have been elected:

Dr. A. Davis, President; Humphrey, Secretary; Burns, Treasurer;
Meetings, Fridays at 7:00 to 8:00 p. m. Regular lecture room.

Found in the S. E. laboratory, a pun that has been the heritage of freshman classes since the time of Escalapius.—

"Why is the Ulna known as the funny-hour.

Because it borders on the humerus. Congratulate Sweeney.

EAT A PLATE OF ICE CREAM EVERY DAY!

But—

**for your own sake
be sure it's**

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16th and Howard Douglas 846

THINGS WE OUGHT TO KNOW

For the first 2,000,000 U. S. Army and Navy, 30,000 medical men have been taken.

Our jaws are powerful when you consider we consume 20 million pounds of chewing gum every year. Fifty-five packages for each of us.

There was 35,000 deaths from preventable diseases last year.

That Harvard University has had an enrollment of 330 until this year. Not so much larger than our own school.

In the world there are approximately 500,000 deaths each year from cancer.

"Cripples, No Doubt"

Eusden: "I see where all the humorous magazine editors have joined the Red Cross."

Hevankan: "Why is that?"

Eusden: "Because of the bandages they make, I suppose."

"This was the noblest Roman—candle—of them all—William Jennings Bryan."

"POOR FELLOW"

Happy: "I'm afraid you don't like work."

Snappy: "How could I? It killed my poor wife."

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HE'D BEEN TO THE FRONT

The hobo knocked at the back door and the lady of the house appeared

"Lady" he said, "I was at the front—"

"You poor man!" she exclaimed.

"One of war's victims. Wait 'till I get you some food and you shall tell me your story. You were in the trenches, you say?"

"Not in the trenches. I was at the front—"

"Don't try to talk with your mouth full. Take your time. What deed of heroism did you do at the front?"

"Why, I knocked, but I couldn't make nobody hear, so I came around to the back."