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## The Pulse, Volume 10, No. 1, 1915

University of Nebraska College of Medicine

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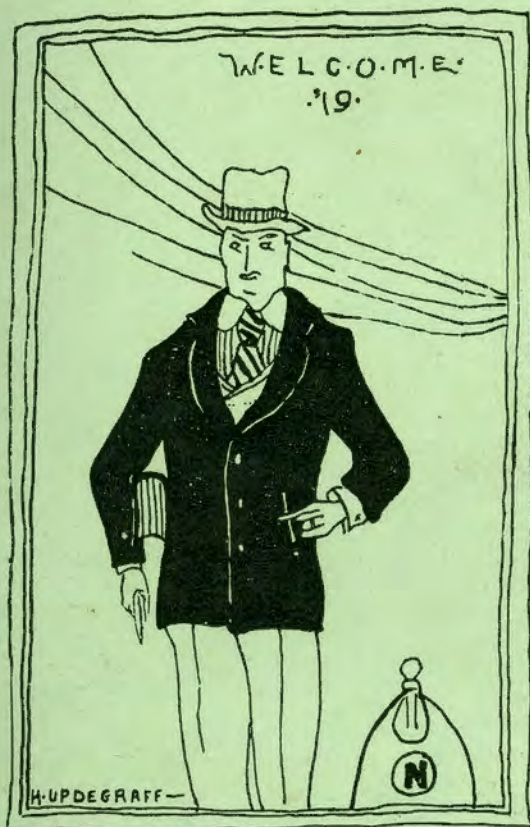
# *The Pulse*

REPRESENTING THE  
STUDENTS, ALUMNI AND FACULTY  
OF THE  
UNIVERSITY OF NEBRASKA COLLEGE OF MEDICINE

Vol. X

SEPTEMBER 18, 1915

No. 1



OPENING NUMBER

# **The University of Nebraska**

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# The Pulse



Vol. X.

Omaha, Neb., September 18, 1915

No. 1

## THE CHOICE OF A MEDICAL SCHOOL.

For several years the Journal of the American Medical Association, in its educational numbers, has called attention to the factors which the student should consider in the selection of a medical school. The student who contemplates the beginning of the study of medicine or the advanced student who is considering making a change owes it to himself to consult the data which are annually published by the Council on Medical Education of the American Medical Association. Medical education has undergone such great and important changes during the past few years that the "reputation" which a school had during the time of one's father should enter not at all into consideration. The fact that some old and well known institution some fifty years ago had as its professor of medicine or surgery some giant in the history of American medicine means little to the student of today.

Those factors to which the student should primarily direct his attention are, first, laboratories and equipment. Are these adequate for the highly important scientific work of the curriculum of the first two years? Secondly, the amount of the annual budget per student enrolled. It ought to be self evident that a school with an enrollment of 100 and an annual budget of \$400 to \$600 for each of these students is vastly preferable to a better known school with an enrollment of 300 to 500 and a budget of \$200 to \$300 per student. Medical education is the most costly type of education today. Thirdly, the student should enquire whether the bulk of the annual budget is derived from fees or from endowment or state appropriation. The school which is dependent largely or wholly for its income upon fees must of necessity pursue a niggardly course. The best medical teaching costs several hundred dollars per year per student more than the student pays in fees. Fourthly, he should judge the clinical facilities of a school not by the number of beds which the catalog says the school has, but by the proportion of clinical beds, actually controlled, to the number of junior and senior students. Here the question is much the same as it is in regard to the annual budget per student; the school with two beds, actually controlled, per student of the last two years is vastly to be preferred to that one which claims to have ten beds per student, held under such conditions that actual bedside instruction can not be carried on. The school which makes use of clinical clerkships in its clinical teaching offers much greater advantages than does the one which can use only beside clinics, just as the latter has very great advantages over the one which does its clinical teaching by means of large amphitheatre clinics.

These are the fundamental factors which should be considered in making choice of a medical school. After these, there may enter into consideration others of much lesser importance to aid in making the final decision. Proximity to the home, cost of living and nearness to the field of future practice will probably weigh with every student. In the middle western and western states, state support of medical education is a factor of great and ever increasing importance.

O. T. S.

### CLINICAL CLERKSHIPS AND IMPROVEMENTS.

Senior clinical clerkships in Medicine and Surgery have been arranged in three different hospitals. Provisions for clinical clerkships are made in the schedule with no conflicts. Emphasis will be placed on these clinical clerk services. The schedule provides for a change in the Dispensary hours from 4 to 6 p. m. to 1 to 3 p. m. Dr. E. L. Bridges has been appointed superintendent of the Dispensary, and will have general oversight of the same. A number of important changes have been made in the laboratories of the building, particularly in Anatomy, Bacteriology, Pathology and in Clinical Pathology. These later laboratories have been enlarged and new plumbing and lockers installed.

### OUR "RELIEF" PHYSICIANS.

Splendid reports came in from all of the men who took practices the past summer. Fuller was at Torrington, Wyo.; Sinamark at Hubbell, Neb.; Park had a profitable month in Iowa; Johnson is at Hampton; Young at Lincoln; Horton with his father at Newcastle, Wyo., and Andrews at Oakland, Neb., etc.

### An Answered Prayer.

Our John's been made a doctor—so all the papers tell,  
An' he's lookin' roun' fer business, but the folks are keepin' well;  
But his mother, she is hopeful, for he's got to pay his bills,  
An' she's asked the Lord fer measles an' a sprinklin' of the chills!

It's been a month, I reckon, since they took an' turned him out,  
But the country is so healthy that the doctors are in doubt;  
But his mother keeps on prayin', while he's dodgin' of his bills,  
An' she's asked the Lord fer measles an' a sprinklin' of the chills!

These women has a lot of faith—they never lose their hold.  
(I wonder what's the matter now? I'm gettin' kinder cold!  
The good Lord's gone an' answer her, an' John'll pay his bills;  
Fer if this here aint the measles, it's a sprinklin' of the chills.)

Frank L. Stanton: Up From Georgia.

# PROGRAMME, SIXTH ANNUAL ALUMNI WEEK

UNIVERSITY OF NEBRASKA, COLLEGE OF MEDICINE

WEEK OF OCTOBER 18-22, 1915

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8 to 9 a. m.	REGISTRATION	Optional in College	Laboratories	Infant Feeding and General Pediatrics	
9 to 10 a. m.		Exhibition of Pathological Specimens with Clinical Deductions Palmer Findley	Management of Congenital Deformities J. P. Lord	CLINIC Child's Saving Institute H. M. McClanahan	Discussion on Breech Presentations C. W. Pollard
10 to 11 a. m.		The Acute Abdomen E. B. Davis	Special Disorders of the Nervous System J. M. Aikin	Treatment of Fractures Open and Closed A. F. Jonas	Indigestion (Con't.) LeRoy Crummer
11 to 12 a. m.		Three Case Histories in Obstetrics-Eclampsia A. B. Somers	The Essential Anemias W. O. Bridges	What constitutes an Insurance risk W. F. Milroy	The Essential Anemias (Con't.) W. O. Bridges
12 to 1 p. m.	LUNCHEON	CLASS Luncheons	LUNCHEON	LUNCHEON	LUNCHEON
1 to 2 p. m.	Cardiac Decompensation W. O. Bridges	Annual Business Meeting	Indigestion (Con't.) LeRoy Crummer	General Principles of the Cancer Question A. C. Stokes	When and when not to operate in Diseases of Stomach B. B. Davis
2 to 3 p. m.	Differential Diagnosis between Gastric Cancer and Ulcer A. F. Jonas	Management of Strangulated Hernia J. E. Summers	Ductless Glands O. T. Schultz	Skin Manifestations of Syphilis A. Schalek	When to interfere Surgically in Injuries to Skull J. E. Summers
3 to 4 p. m.	Lymphatosis O. T. Schultz	Biochemistry in relation to Clinical Medicine I. S. Cutter	Practical Facts in Relation to the Upper Respiratory Tract F. S. Owen	Gonorrhoea in Women Palmer Findley	Biochemistry in relation to Clinical Medicine (Con't.) I. S. Cutter
4 to 5 p. m.	Indigestion LeRoy Crummer	Application of Recent Physiological Data to Clinical Medicine A. E. Guenther	Clinical Ophthalmology H. Gifford		
		Smoker and Get Together Meeting		BANQUET Visiting Guest to be announced later	



## Alumni News Notes

Dr. Roy A. Dodge, '01, leaves about September 1 for a vacation in New York and other eastern cities and expects to come back well rested to help make the sixth annual Alumni Week the best one yet.

The arrangement committee for Alumni Week, with Dr. William Anderson, '10, as chairman, has almost completed its plans for the coming meeting. They will soon make their announcement of a new plan which is expected to work out better than anything yet attempted.

Dr. William P. Wherry recently severed his connection with Dr. F. S. Owen, and has opened an office and will continue to practice in Omaha.

Dr. E. M. Ware, '07, of DuBois, Neb., has sold his practice to Dr. S. W. Martin, '03.

Dr. John I. McGirr, '97, of Beatrice, Neb., and Miss Myrtle Gue of Denver were married June 22 at the home of the bride in Denver.

Dr. J. B. Potts, '07, motored to Denver the latter part of August.

Dr. Clyde Moore, '08, expects to spend October doing special work in Chicago.

Drs. I. S. Cutter, '10, and J. F. Hyde, '07, were both unfortunate enough to have their autos stolen this summer.

Dr. Ralph Higgins, '12, and Miss Cordelia Appelgarth were married the latter part of May. They will live in Ansley, Neb.

Dr. R. C. Gramlich, '14, is reported to have located in Walthill, Neb.

Dr. A. P. Overgaard, '00, has left Fremont and located in Omaha.

Dr. Frank Kotlar, '14, is associated with Dr. Evans of Columbus, Neb.

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### SIXTH ANNUAL ALUMNI WEEK.

The programme for the Alumni meeting this fall, which will be held October 18 to 22, should be unusually attractive. An attempt has been made to start something new, inasmuch as the work will all be at the college building and in the form of conferences.

The clinics which have been held the past years have necessitated rapid transit over all parts of the city, but this year's plans provide for an economy of both time and energy.



The programme is better on the first and last days to make it necessary for all to attend the entire time.

Come early and stay late.

### ADDRESSES UNKNOWN.

We are printing herewith a list of alumni whose addresses have been lost. Dr. Dodge is very anxious to keep in touch with all of the alumni. If you know the address of any of these alumni kindly write and inform Dr. Dodge, 446 Brandeis Bldg., Omaha, Neb.:

	Last Address.
'92—Andrew J. Baker.....	Grand Island, Neb.
'02—William T. Craft.....	Briston, Neb.
'04—C. D. Eby.....	Neligh, Neb.
'87—Louise Frese.....	
'87—D. C. Gibbs.....	Telluride, Colo.
'02—John E. Hanson.....	Bellwood, Neb.
'84—Mrs. Alice E. Huff.....	Lincoln, Neb.
'15—O. D. Johnson.....	
'15—Robert H. Kerr.....	
'95—Joseph S. LePard.....	Potluck, Idaho
'10—Robert G. Miller.....	Washington, D. C.
'82—Robert Monteith.....	
'95—R. A. McCarl.....	Trumbull, Neb.
'98—Florence Neal.....	
'03—Marie A. Neilson.....	Blair, Neb.
'84—John W. Roe.....	
'97—Mary E. Rosenburg.....	Omaha, Neb.
'03—Otto G. Smersh.....	Omaha, Neb.
'98—D. B. McMahan.....	Omaha, Neb.
'95—J. E. Somerville.....	
'92—Ulric D. Stone.....	
'03—H. P. Warner.....	Alliance, Neb.
'02—Fannie D. Wiederanders.....	Eustis, Neb.
'84—A. C. Youngman.....	
'92—William Luck.....	Denver, Colo.
'88—S. J. Hadley.....	Arlington, Neb.
'85—S. H. Knowles.....	Portland, Ore.
'83—James Shaw.....	Boston, Mass.
'86—H. G. Wiese.....	Percival, Ia.
'05—Arthur Hufmery.....	Mason City, Ia.
'82—Urban H. Norris.....	Kanoby, Utah
'05—Joseph A. Kohout.....	Cuba, Kans.
'09—C. D. Nelson.....	Platte Center, Neb.
'04—M. A. Nye.....	Weston, Neb.
'03—J. S. Davies.....	Granville, N. D.
'94—F. E. McKeeby.....	Pueblo, Colo.
'97—J. H. Jessen.....	Dayton, Ore.
'04—Francis Peter.....	1266 South 16th St., Omaha, Neb.



Rastus—"Say, Mirandy, dat dere doctor done say ah had to stay in mah bed all day."

Miranda—"Go on, niggah—dat am only addin' two mo' hours to yo' reg'lar occupation."

#### **SHE WAS ASHAMED.**

Mistress (indignantly)—Jane, whatever did you mean by wearing my low-necked evening dress at the bus drivers' ball last night? Really, you ought to have been ashamed of yourself!

Jane (meekly)—I was, mum. You never 'eard such remarks as they made.—Sketch (London).

#### **ADVICE TO THE YOUNG.**

Little boys, save your pennies, and when you come to college, you can buy nickel beers with them.—Texas Coyote.

"I had a dreadful fall last night."

"Tell me of it, Egbert."

"My wife was talking; I hung on every word, and then, and then—"

"Yes, yes, and then?"

"Her voice broke!"

**HAVE YOU NOTICED?**

The new arrangement in Bacteriology Lab. and the greater space it provides for.

Dr. Keegan's new apartments.

McQuiddie's sanctuary.

The new paint in the lower corridor. That means leave the "Piper" outside or make a run for the rest room.

The new furniture in Dr. Johnson's Lab.

Dr. Willard's new furniture. No more will we draw lots for the little tables.

The new floor in the Chem. Lab. That bars water fights also.

The new "Pulse" office.

Look for the "Pulse" note box in the main office later. The Pulse welcomes suggestions, criticisms and news items at any time. Be a booster for your university paper and turn in whatever you have.

The Alumni section of this issue. It will be continued under the direction of Dr. Roy A. Dodge, secretary of the Nebraska Alumni Association, and means a closer connection with our alumni.

Mr. Darsey's beautiful flowers and grounds.

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**SUMMER NOTES.**

The college building has been a busy place the past summer. Drs. Schultz, Poynter, Willard and Cutter have been at work all summer with the exception of a few weeks for vacations.

Drs. Cutter and Schultz made a rush trip to the East on a tour of hospitals. The results will be seen later in the new hospital being planned.

Dr. Poynter spent a month at Iowa lakes during the summer. He came back with a red nose which he called sunburn.

Dr. W. A. Willard spent some time in the East and several weeks in Colorado later as a vacation. He reports a very pleasant time.

Dr. Guenther arrived from New York City, where he spent the summer. Nebraska, he says, is the freshest, most beautiful spot that he saw.

Dr. Johnson was absent six weeks, doing work in Boston during that time.

Mrs. Quinlan reports a pleasant trip during her vacation, having spent some time in Baltimore, Philadelphia, New York, Boston and Portland, Me.

Miss Wilson's entire vacation of a month was spent in travel, including both the California fairs.

Nedergard spent the summer in Chicago doing some studying, and passed the remainder of his time in looking about.

Ralph Curti and Andrew Sinamark have been doing work at the university during the summer months.

Speed A. Cassidy and Weigand acted as animal trainer and general rout-about, respectively, during the past vacation at the university.

J. Calvin Davis and R. G. Sherwood have been doing dispensary work during the summer months.

Niehaus and Bastrom have been at the County Hospital during the summer, with the exception of a few weeks, spent by Bastrom earning for a practice out in the state.

Frandsen has been a constant member of the small group of students in town the past months. He spent a part of his time doing laboratory work, for the coming year.

E. R. Leonard and Louis Hanish paid the university several visits in vacation time.

Reports from Rushville state that "Tuck" Westover has been heaving brick and mortar this summer. If he worked as hard as he says he did Rushville must be considerable larger now.

Schembeck dropped in several days before opening time and reports a pleasant vacation spent at Lincoln.

L. B. Kingery showed his smiling face here about midsummer and bore a good coat of tan, the results of an auto tour in the west.

Mr. and Mrs. Darsey passed a few weeks in Wisconsin at their former home and state that they had a pleasant time.

H. H. Walker was an early arrival, making some few arrangements for the coming year.

R. P. Flory was our state fair representative, caring for a booth of medical specimens and bulletins. The departments of medicine and pharmacy had a very interesting and instructive display at the fair which caused much favorable comment.

Miss Irene Bostwick of the Van Sant school has been engaged as assistant to Mrs. Quinlan and filled the latter's position during her recent vacation.

Mr. Darsey has had a very favorable year for developing the University campus and his diligent efforts and the exceptional summer have combined to produce results that are well worth going considerable distance to see. The grounds have been visited by landscape gardeners from other parts of the city and from Lincoln and have brought forth favorable comment in every case.



# The Pulse

PUBLISHED MONTHLY  
UNIVERSITY OF NEBRASKA COLLEGE OF MEDICINE  
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All communications and checks should be sent to the Business Manager

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## EDITORIAL

As it becomes necessary to scurry around for copy again, for once we find it hard to find material which we think will please our readers, after this break in the everyday happenings in college work.

The space usually devoted to the names of the editorial staff is headed "Retiring Staff," as you will see, pending the annual election. We, like all other staffs, have found it impossible to please all of the people all of the time. Be loyal to your school. Don't deprive yourself of the pleasure of reading your college paper because you happen to disagree with some member of the staff.

## BE A PROMOTER—SUBSCRIBE TODAY.

We should all realize that in order to promote our school as we should it is essential for all to take an active part in the interests of the school. Four or five of us are giving our time to The Pulse and are endeavoring to represent the entire student body, the faculty and the alumni of the school. Is it not fitting then that these four or five students be given the support of the entire student body, faculty and alumni?

For the past three years the Nebraska Alumni Association has published its proceedings in a little volume which has caused considerable unnecessary expense and trouble. Dr. Dodge is very anxious, as is The Pulse staff, to have a department in The Pulse set aside for the proceedings of the association. Plenty of the best medical material will at once be assured for the entire year. The alumnus out in the state will have the alumni proceedings and his college paper every month of the college year. What alumnus, what student will not pay a dollar for this privilege? The new staff will meet the hearty support of every member of the student body, we trust. What better way can we show this than by subscribing? Subscribe today and be a booster.

The Pulse staff wishes to thank all faculty, alumni and student

contributors for their hearty support and through the columns of this, our last issue, we most sincerely offer our gratitude.

### THE STATE HOSPITAL.

Working plans for the new state hospital to be built on the campus of the College of Medicine at Omaha are rapidly nearing completion. The hospital promises to be the equal in every way of any hospital of its size in the country. A large amount of detail planning has been necessary in order that a minimum of operating expenses might be achieved as well as minimum cost of construction. As planned the hospital will accommodate at one time 114 patients. This number of beds is divided among six wards, which are provided with east and west windows. Each ward patient will have over twelve hundred cubic feet of space.

Nurses' work rooms, diet kitchen, etc., are convenient to the wards. The main kitchens are on the ground floor, together with the patients receiving department, sterilizing rooms for clothing, storage rooms, supply rooms, dining rooms and the pathological department.

The first floor containing wards is designed for medical patients; the second floor for surgical patients; the third floor for cases in the specialties. On the top floor is the operating suite, providing two main operating rooms to the north and one teaching amphitheater to the south. The X-ray department is also on this floor, making it convenient to the operating rooms. The wards are twenty-eight feet wide and sixty-six feet long, every ward accommodating sixteen patients.

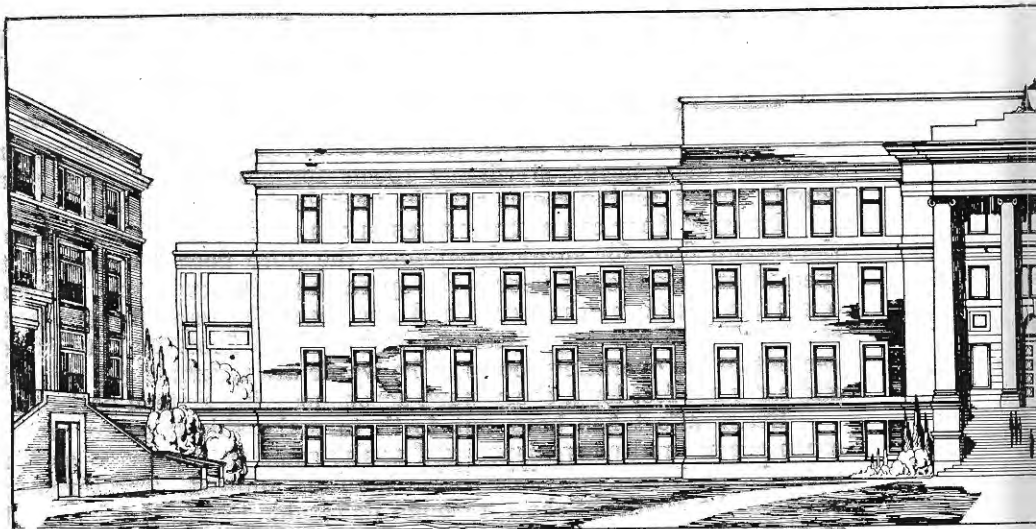
Every effort has been put forth to make this hospital ideal in arrangement and convenience and at the same time provide as much room for patients as possible within the fund allowed. The University of Nebraska Medical School, through its teaching staff, will be enabled to give a large amount of careful study to all cases that present themselves and the value of the hospital to the state as a whole can hardly be overestimated. Under the supervision of the teaching staff the observation of these cases by students will insure far better medical teaching than is possible under any other circumstances.

The building plan conforms in architectural design to the present laboratory building and a symmetry of buildings is assured. The desire is that the brick used shall be of approximately the same color and texture as that used in the laboratory building.

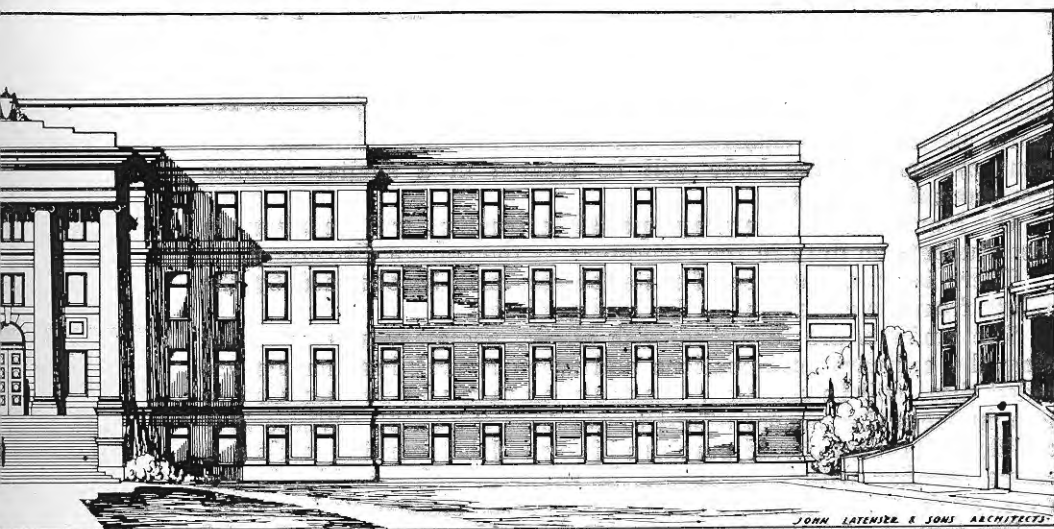
Facing the building east allows the wards to run north and south with each and west exposure for each ward.

The detail working plans will probably be completed within ten days and will then go to the contractors for bids. Construction will be begun shortly after bids are received and contract awarded.

To the state, the hospital will mean the relief of suffering among a large class now charity patients. With expert care and medical and surgical service furnished to this class of cases, Nebraska will be doing for its citizens what Iowa, Minnesota, Michigan and a score of other states have long found indispensable.



**HOSPITAL—THE UNIV**  
**To Be Complete**



UNIVERSITY OF NEBRASKA

Completed Early In 1917



**JUNIOR PATHOLOGY.**

The pathological courses given in the third year may be considered as applied pathology. Course 5 as outlined in the bulletin of the college of medicine is a continuation of the course in pathology given in the sophomore year. It is now taken up in the order of organs and systems, being the study of microscopic and gross material to illustrate the various pathological processes in the organs of the various systems of the body.

Closely correlating with this course is No. 6 (Clinical Path.) Here special attention will be given for the student to familiarize himself with the apparatus, methods and technique of the clinical laboratory. The changes in diseases of the blood, urine, sputum, faeces, gastric contents, and the various exudates will be worked out.

The first work taken in the above courses is the study of the changes taking place in the blood forming organs in disease and closely correlating with this will be the study of the blood with the minute morphological changes in the various types of cells. The different systems of the body will be treated in a similar manner throughout the semester.

On Monday and Thursday special instruction will be given to those students on duty in the laboratory at the college dispensary.

There is an abundance of material that may be obtained by the student from the cases seen at the various clinics.

The students are furnished with all the necessary apparatus for doing the ordinary examinations and when special instruments are needed these will be assigned. Haemocytometers will be furnished to those students that cannot afford to purchase the outfit. Where it is possible the student should purchase his own blood counting outfit and become familiar with it as it will be of great value to him in the service at the hospitals in the senior year on the clinical clerk service.

The texts used in these courses are Delafield and Pruden's Special Pathology, and Emerson's Clinical Diagnosis.

Course 7—Autopsy Technique—Junior and senior students are expected to attend the autopsies of the cases studied in the clinics when such are obtained. Two juniors will be assigned to each case and will assist in carrying out the examination. They will also be required to present for examination a complete protocol of the gross and the microscopic findings.

The students assigned to these cases will be given instructions in methods of obtaining the various exudates from the body cavities for examination. This will include the use of the lumbar puncture needle.

Students taking this course will be required to register and will be given a special grade in this subject.

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**PATHOLOGY AND BACTERIOLOGY**

During the summer several alterations have been made in the quarters of the Department of Pathology and Bacteriology. The former small and inadequate laboratory for clinical and special pathology has been enlarged, now measuring 55 by 23 feet and having table room

for 37 students. In the laboratory for bacteriology and general pathology the inconvenient preparation tables, which formerly wasted so much space, have been removed to the ends of the room, a change resulting in greater convenience in work and in better appearance. Additional tables have increased the capacity to 43 students. In each of the teaching laboratories there has been placed an additional locker set with blackboard attached. The private laboratory of the department head has been divided, giving an additional laboratory for special or research work. Doctor Johnson's room has been fitted up for the performance of his private work, the latter being thus placed in the closest proximity with his teaching laboratory.

The most important change made in the department relates to the change in schedule for the coming year. Bacteriology will be given during the first semester, pathology during the second, a change which permits the completion of bacteriology before the study of pathology is begun. A more important result of this change will be the removal of pharmacology to the second semester. Because of this change in the teaching schedule the department will be required to care for both the sophomore and junior classes at the same time, a fact which has necessitated an increase in equipment. Eighteen new Leitz microscopes were ordered in anticipation of the change. While these, because of conditions abroad, have not yet arrived, the work will not be handicapped, microscopes having been loaned by E. Leitz to make up for the temporary shortage.

Still another change has been made in the bacteriology schedule itself. Heretofore the work has been given on alternate days. This has interfered very seriously with the work, since bacterial cultures should be examined every day. Under the new schedule laboratory work will be carried on daily, the total number of hours, however, not being increased. As arranged, the schedule calls for a lecture from 9 to 10 on Tuesday and Thursday; a recitation from 11 to 12 on Wednesday; a two hour laboratory period from 10 to 12 on Tuesday and Thursday; and a laboratory period from 3 to 4 on Monday, Wednesday and Friday. It is believed that this arrangement will result in much more satisfactory work.

The changes in schedule and in equipment make it possible to assign to junior and senior students microscopes for use throughout the year, and it is the intention that the laboratory for clinical and special pathology shall be used throughout the year by junior and senior students in working up their clinical cases. It is hoped that the students who are handling clinical cases will look upon the laboratory as a clinical laboratory in fact as well as in name. An incubator and an electric centrifuge have been added to the equipment of the laboratory for the use of students.

During the summer the number of permanently mounted specimens in the museum has been largely increased. The museum now contains a very good teaching collection, which, it is hoped, will be used freely by the clinical departments. The specimens are grouped in the cases according to organ systems, but a card catalog of lesions makes it pos-

## *U. N. C. M. PULSE*

sible quickly to bring together all the available specimens illustrating any given pathological condition. In mounting the specimens use has been made of aluminum wire and of a new sugar solution, the latter giving a much more nearly ideal color preservation than has heretofore been possible.

The autopsy service, whose development was begun during the first year, has been more than continued during the past year. The total number of autopsies performed from September 1, 1914, to September 1, 1915, was 60, as compared with 50 for the preceding year. The cases which have come to postmortem examination have been most varied in character. During the coming year more emphasis than ever will be laid upon the proper utilization of the autopsy material by junior students. The graduate of a first class medical school should not only know how to conduct an autopsy, but he should also know how to prepare a protocol which indicates that he can make a proper correlation between the postmortem anatomical findings and the signs and symptoms which were present before death. The student who summarizes an autopsy report, as did one last year in a most marked and interesting case of lymphatism, with the statement, "I find no pathology in this case," cannot be expected to find in his living patients much that will be of value to the latter. Autopsies should constitute for junior students, not a task, perhaps disagreeable, which must be performed as part of prescribed work, but an incalculable asset for the gaining of that particular kind of medical knowledge of which daily use will be made in later years.

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## **MEDICAL CHEMISTRY.**

The erection of the new hospital building will demand the attention of Secretary Cutter to such an extent that it has been found necessary to call upon additional assistance to conduct the work of the chemistry department. To this end, an assistant professorship in biological chemistry has been created and the first holder is Max Morse (Ph. D., Columbia, '09), who comes from the medical school of the University of Wisconsin. In addition, Mr. R. D. Green, who has specialized in organic chemistry, will assist in the laboratory and Mr. N. Nedergard will have charge of the supplies. No important modifications of the former methods in class work are contemplated.

There is a widespread growth of the science of biological chemistry (or physiological chemistry) at the present time. The chemist is solving such problems as the cause of scurvy, beri-beri and other nutritional diseases; the meaning of anaphalaxis; the therapy in goitre, myxedema, tetanus, etc.; the nutritional value of foods and what foods to administer in fever, malnutrition, etc.; how to diagnose carcinoma of the stomach, pregnancy and other obscure conditions in their incipient forms; how to prepare immune bodies; while the cause and the treatment of malaria, syphilis, pernicious anaemia and many other pathologic states are founded upon chemical grounds. Aside from these things, we are arriving at a more complete understanding of the manner in which the great laboratory known as the human body operates.

Emil Fischer of the University of Berlin has shown the probable method in which the "physical basis of life" is built up and how the various structures become decomposed into the characteristic excretions, as, for instance, the nuclei into uric acid, the blood pigments into urinary pigments and how we can interpret changes in these constituents in pathologic states. The future of the science is indeed bright and we have reason to look towards the chemistry of the future for the greatest developments in medicine. M.

### DEPARTMENT OF CHEMISTRY.

Dr. Max Morse, who has been Assistant Professor of Biochemistry at the University of Wisconsin and who recently accepted a similar position here, has arrived and is rapidly bringing the department into a state of readiness for the coming year's work.

Dr. Morse is a native of Ohio, having been educated in that state, receiving the B. Sc. and A. M. degrees at Ohio State University, at Columbus, O., in 1903 and 1904, and then taking the Ph. D. from Columbia University, New York City. He has done special work in both physiology and chemistry and gave laboratory work in zoology at Ohio State. In New York he held the University Fellowship, taking work in the departments of zoology and physiology, with special emphasis upon the physiological aspects in the case of zoology. He acted as instructor in biochemistry in the department of physiological chemistry of Cornell University Medical College in New York City and later taught elementary human physiology and comparative anatomy for three years at the College of the City of New York. The summer vacations were spent at Woods Hole, Mass., as scientific assistant in the U. S. Bureau of Fisheries and as instructor in comparative anatomy in the Marine Biological Laboratory and also doing research work. He has also spent several years at the Harpswell Laboratories. In 1910 he went to Trinity College in Connecticut as J. Pierpont Morgan's Professor of Biology, acting as head of that department and giving work in comparative anatomy, general physiology and microbiology, and later he accepted an instructorship at the University of Wisconsin.

Equipped as Dr. Morse is both in the line of instruction and original research, there is no doubt that the University of Nebraska has secured a most valuable man for her teaching force and one who will bring credit to the university.

### FRESHMAN WORK.

The courses in Histology and Embryology will present no radical departure from those given in previous years. There will, however, be a slight change in the position of each course in the semester's work; general histology of tissues will follow some introductory embryology and will precede the study of the development of organs. The mornings instead of the afternoons will be used for laboratory work.

New locker tables, of the type found so satisfactory, have replaced the kitchen tables, so that the ultimate seating capacity of forty is now



available. Nine new microscopes of the latest Bausch and Lomb design, with those already in the department, provide a uniform equipment for forty students. Slate blackboards have been ordered to replace the plaster surfaces now used and window strips throughout all the laboratories will make them more equable and comfortable during the colder weather.

A slide cabinet with a capacity of 14,000 slides has been provided, making possible the systematic classification and storing of slides used as class material in the various courses.

Mr. F. A. Figi has been added to the laboratory staff. He will give all his time to the department during the first semester.

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### DISPENSARY NOTES.

For the three months of June, July and August the Dispensary reports a total of two thousand four hundred and eighty cases. During that time twenty-nine cases were sent to hospitals and one hundred and two out calls were made. We can well be proud of such a record.

Miss Randall, R. N., spent a delightful month on a ranch in Nevada during August.

Miss Elsasser, R. N., took a post graduate course at a hospital in Wyoming during July.

Miss Eggleston, R. N., assisted at the Dispensary during the vacation period.

The students who attended the Dispensary during the vacation are to be commended for their splendid services. Though it was vacation time for many of the doctors the clinics were well attended and the few students present received the individual attention of the physicians in charge.

After September 13 the Dispensary hours will be changed from 4 to 6 to 1 to 2:30. This change will undoubtedly prove more efficient in many ways. This is a more convenient time for most doctors; for the seniors the plan is ideal, since after morning clinics at downtown hospitals they will be right on hand for the dispensary at 1. In the case of the juniors and sophomores it may cause an extra trip to the college after 2:30, which is the only objection. Classes will be given from 3 to 5, but in no case later than 5.

Under the new system the daily average of patients treated at the Dispensary will undoubtedly steadily increase. Mothers can go to the Dispensary without worrying about late suppers.

The confidence and loyalty of the patients is being won by the kindly interest of the student doctors, the nurses in charge and the members of the staff. The rooms are being somewhat remodeled and a new coat of whitewash will make the place look like new. On account of the new building going up next door the front stairs to the basement will be used hereafter.

## CLASS NOTES

### SENIOR NOTES.

P. J. Flory traveled through Wyoming, Montana and Idaho, driving stakes for a Billy Sunday or chautauqua company.

Bill Aten spent the summer as student interne at the Methodist Hospital.

Dr. Carl Bastrom is back at the County after spending time in private practice.

Louis Hanisch is student interne at the Immanuel. A new nitrous oxide anesthetizing instrument has been installed which produces none of the bad effects of ether or chloroform.

Webb left a few days ago for the corn fields of Wisbon, Kans. Our editor in chief spent most of the summer juggling sacks at the Burlington parcel post terminal in Omaha.

Fuller was physician at the Omaha High School encampment in June.

E. R. Leonard attended the University of Omaha during the summer, taking work in the language department.

### JUNIOR NOTES.

The boys who remained in Omaha during the vacation made good use of the Dispensary. Julius Johnson is the coming obstrician with seven cases to his credit. Davis dispensed drugs during Flory's absence.

"Doc" Red Martin spent most of the summer practicing with his brother in Oklahoma.

Doctor Hamilton (in Pediatrics)—How much should this year old baby weigh?

Davis (pause, gently)—Two pounds.

Wildhaber and Brix labored hard during June and July getting credits in Physics at Omaha Uni. We might add that most of the time was spent on the new tennis courts.

Nels Nedergard spent a most pleasant vacation in Chicago studying Arabic. Can you beat it?

Dwight Sigworth autoed through Omaha the latter part of August, having spent most of the early vacation time visiting his uncle in Iowa.

"Professor" Sherwood taught Zoology and Botany at the University of Omaha to some very promising premedics. Before the course was half over most of them had discovered that it was no joke.

We will be glad to welcome Sandy Gifford into our class. By working all summer Sandy has made up sufficient work to enter the class as a full fledged junior.

Nobody has heard whether Riggert has been married or divorced. We are sure that he spent the summer near Fremont. We wonder why?

Just before going to press we learn that the following will be with us no more: M. M. Andrews goes to Columbia; "Gad" Farman to Rush; David A. Higbee to Siwash; Andrew Sinamark to Cornell; F. Scott Salisbury and E. A. Sage to Washington University, St. Louis.

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### SOPHOMORE NOTES.

The "Little Swede" has been spending the vacation with the International Harvester Company as strong-arm man and incidentally has been throwing harvesters around by the whip-stock. He now claims to be able to whip any six men in the class.

John Wear of the class of 1918 was married to Miss Daisy Clarke of Auburn, Neb., September 1. John will continue his studies and he figures that with a better half he will make a much better doctor than he otherwise would have done.

Safrik has been in Kansas with his uncle, who is a physician.

Folken and Kingery motored to Denver this summer.

Walter J. Hough has been in Omaha during the past vacation and has been working at his trade.

McQuiddy has been the official emblamer at the morgue this summer. Mac says, "O, I have very little to do today. We only got five bodies."

Fred A. Figi and Sandy Gifford stepped down to Chicago, and to say that they studied would be putting it mild, judging from reports. Sandy has made up enough to go on with the junior class. Fred will continue doing work under Dr. Willard the coming year.

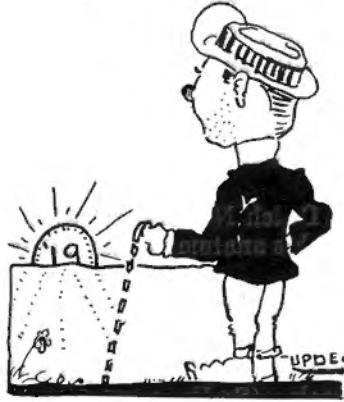
C. E. Beede has been in David City this past vacation doing a bit of manual labor and also helping his father at the David City hospital.

Newbecker, a new man in this class, was on the ground early taking some examinations preparatory to taking up the sophomore work.

W. A. Cassidy suffered an accident late in August and was confined in bed several days.

Glen Miller and father were visitors at the college early in the summer and were accompanied by a party of friends. They gave the building an inspection and were very much pleased with it.

## "FROSH" NOTES.



Now that the class of '19 exists they can't help but bid the rest of the world cease work and let them show 'em how. Anyhow, here's to the rest of the world and class '19. May the best man win.

Cooper as a dignified professor at Chadron State Normal told from his wisdom about the bugs and beasts of the field and then betook himself to the harvest for a closer study.

Walfoord swears that he has found his stride at last trying to chase his brother for three days in front of him—while for the same three days his brother was in back of him. As it was Webb staked them for car fare.

Constantine Aloycius Luther Oden summered in the Michigan woods and gained twelve pounds, which ought to be equal to ten according to present war values. He claims to have kept Dutch Newbecker on the straight and narrow while in Chicago.

Antonius Larson, from some place in Iowa, announces his intention to return to his former comrades. Moo! moo! That's cow. And doggone it if our littl' Mr. Beck ain't gone and engaged himself. Cigars! Aye, aye!

On account of the bad effects of the present war Misto Deering claims the grocery business isn't quite like it used to be. Mills and Rainey, along with the redoubtable Mr. Puregrease, accompanied him. Ninety days. And unlike Mr. Bryan, little David Stonecypher traveled with the Chautauqua and claims to have raised his stakes. Red Nolan, with a summer on the target range, claims good health and an ability to hit the window at least 10 out of 24.

All hail Vic Dacken, who returns after more than his share of hard knocks, to tell the story of the "No Name" pills as an early riser. Get Vic and let 'er slide.

Updegraff claims some German and a trip to the Black Hills and Colorado plenty for a vacation.

Rodgers is back in school after a semester's vacation.



Bailey also promises to show up and get in the game in spite of his setback last spring. Luck to him; he deserves it.

We hereby recommend for the hall of fame Magee, Coleman, Mitchell, Edmiston, Neville and the rest of the bunch on whom no dope was procurable.

Wall street announces the failure of Dunn, Bradstreet & Co., with the withdrawal of George Cultra from their ranks so he may return to school.

"Bottom's up" to Dutch Newbecker, who, after a hard summer's work in Chicago, passed his anatomy exam. before school opened. Yea, verily, he is a man.

As Ike Northrup says, even though he was accused of breaking mules and joining the Turk army, he just naturally fooled this summer.

And Arthur Nielson, Ike's side-kicker, saved an old man's life and put \$10 in the family sock. (So Ike says).

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### VACATION TIME IN NEVADA.

Wells, Nevada, Aug. 15, 1915.

Dear Miss Elsasser:

I am wondering what evil spirit it is that prompts one to promise to write letters when she is on a vacation? The first week that I was here I thought that I would break my promise, but after all, I find I want to tell you all about it. If I dwell too lengthly on small incidents, just remember that "detail" is my middle name.

I reached Wells at noon, after having traveled all morning, through a land of sage brush. For hours I had seen not a sign of life, save the Chinese coolies, who keep up the roadbed. I had been filled with misgivings, for fear the west might prove disappointing. Alighting at Wells, all misgivings faded, and I found myself in a new world.

The station faces the main street (I might add, the only street). I glanced hastily around anxious to familiarize myself with my new surroundings. Leaning lazily against wide entrances to small buildings, I saw tall bronze men, arrayed in all their western glory, shaperoes, spurs, high heeled boots and broad brimmed hats pinched to Montana peaks. On the edge of the walk sat a squaw who was not enemy. A little further down the street a Chinaman basked in the noon day sun.

The Steele ranch, where I am staying, is fifteen miles from town, but we came out in the car, and I enjoyed the ride.

The mountains to the right are only three miles away and in the distance appear to be covered with a soft green moss. It is not moss, however, neither is it soft, as you would find, were you to attempt to climb them. It is Shapperell, a low bush which grows so thick that in places it makes mountain climbing almost impossible. The mountains to the left are some thirty miles away, and look like huge billows of blue. The stretch between is range covered with sage brush, grease wood and rabbit brush.

The ranch houses are all on the right hand side of the road, all are

modern and are surrounded with velvety lawns. Each rancher has what is called a water right, and receives water direct from the mountains.

This year there is a scarcity of water, owing to the light snowfall, so the cattle from the range are being brought in earlier than usual. And just think, yesterday, I went out with Mr. Steele to meet the "round up." It is wonderful and I wish so much that I might make you understand what a science there is in handling cattle.

I should have told you, that I was given a horse all for my very own, the day of my arrival, and was taught the anatomy of the saddle. I never realized that a saddle had so many organs—it was almost like studying anatomy, with one exception. The man who named the parts of a saddle and bridle gave them such names as Tapedero, Rosadero, Choncho, Hackamore, etc. Are they not beautiful? The buckaroos (by the way, no one out here says "cowboy") are not so thoughtful in the choice of names for the horses, my horse's name being "Dirty Face." He is a beautiful little sorrel. I offered to trade my gold mesh bag for him, but could not induce Mr. Steele that he would be getting the best of the deal.

I must tell you about the round up. Two buckaroos from ranches further up the valley stopped at our ranch about 7 a. m. We had been waiting for them, and together we rode across the fields, where we were joined by other buckaroos. We rode for miles through the sage brush, scanning the horizon for the dust which would herald the approach of the cattle. To the right, in the far distance, could be seen the little inland town of Tobar. By some strange caper of the sun, this little town of two dozen buildings appeared to be a miniature town of skyscrapers situated along some water bank. To the left was a small tract of land, fenced and slightly improved; the home of a dry farmer. Here we stopped for water, as it would be our last opportunity to water the horses, and ourselves as well, until we should stop again on our way home.

After a few miles' run through the sage brush, prompted by some roughish rancher, who was anxious to see if I could keep my place in the saddle, we saw the cattle in the distance. They were being held by other riders until we arrived. The riders surrounded the herd and held them while the rancher who lived the nearest rode in and cut out those bearing his brand. It was so exciting and I was greatly impressed with the science of it all. After he had cut out those belonging to him, he and his riders took them home. The rest of us started up the valley. We rode until we neared another ranch, when again we would surround the herd, while another ranchman would separate those belonging to him. This was repeated many time during the day, and it was after 4 o'clock when we reached home. We were in the saddle from 7 a. m. until nearly 5, with but one drink of water and nothing to eat. I surely was hungry.

A few days ago I rode through the mountains and into the gullies looking for cattle bearing the Steele brand. When we found a herd we would take them with us until we found more. Many of these

cattle had not been seen by their owner for over a year. We also saw horses bearing the same brand which had not been caught for years. Their little colts are caught each year and branded.

Speaking of horses, I must tell you of my patient. I am dressing T. I. D. the foot of a big black horse who is valued at a thousand dollars. He ran a piece of greasewood into the frog of his foot, and it became infected. The first few days I used a moist HgCl<sub>2</sub> dressing. Now I am using Balsam of Peru. Really it was quite serious.

While this is really a cattle and horse country, a few miles up the valley there are a number of sheep ranches. A few days ago I watched while seven thousand sheep were sorted and loaded. These sheep are cared for by men who come from the northern part of Spain. They are known as Bascoes and they speak no English. I wish you could see how the Shepherd dogs are trained. When the lamb leaves the flock these dogs chase it and hold it till the Bascoes come to their relief. They throw the lamb over their shoulder and carry it back to the herd.

Tonight I am going hunting. I have a doll of a shotgun—thirty-six gauge. They tell me here that a true sportsman uses nothing but a rifle, but I am glad to get anything in range even with a shotgun. I have already killed dozens of rabbits. Tonight I am going up in the pasture after sage hens.

The air here is wonderful, and one can do strenuous things without feeling exhausted.

Just one more thing and then I must go. Today I ran across a kodak picture of Dr. Wherry. It was taken in the dissecting room of the old College on Pacific. He has on a big checkered jumper which strikes him about the waist line. It is quite becoming to a man of his build.

It's supper time and I must be going. I hope that this letter carries to you at least a breath of my vacation. Very sincerely,

BESSIE B. RANDALL.

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Pastor—I shall speak on "Married Life" in the morning, "Hell" in the afternoon.

Voice from Rear (subdued)—Why speak twice in one day on the same subject?

Fresh—Gee, your shoe squeaks!

Senior—Yep; there's plenty of music in my sole.

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The young man led for a heart,  
The maid for a diamond played,  
The old man came in with a club,  
And the sexton used a spade.

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Chauffeur (under auto)—I beg your pardon, sir, but would you mind backing the car up a little?

Owner—What's the matter?

Chauffeur—My face is caught in the works.—*Pennsylvania Punch Bowl.*

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