

1940

## Bulletin of the University of Nebraska: Annual Catalog of the College of Medicine, 1940-1941

University of Nebraska College of Medicine

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*Bulletin*  
OF THE  
**UNIVERSITY OF NEBRASKA**



**ANNOUNCEMENT OF THE  
COLLEGE OF MEDICINE  
1 9 4 0 — 1 9 4 1**

SERIES XLV  
NUMBER 20  
MAY 30  
1 9 4 0

**PUBLISHED BY THE UNIVERSITY AT LINCOLN**

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## THE UNIVERSITY OF NEBRASKA

### **College of Agriculture**

Leading to the degrees of Bachelor of Science in Agriculture and Bachelor of Science in Home Economics and to vocational education certificate.

Supervises Nebraska School of Agriculture at Curtis; Experiment Substations at North Platte, Scottsbluff, and Valentine; Nebraska Agricultural Experiment Station and Agricultural Extension Service, Lincoln; fruit farm, Union; agronomy farm, Havelock; Box Butte Experiment Farm, Alliance.

### **College of Arts and Sciences**

Leading to the degrees of Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Science.

### **School of Fine Arts**

Leading to the degrees of Bachelor of Fine Arts, Bachelor of Music, Bachelor of Fine Arts in Education, Bachelor of Music in Education.

### **School of Journalism**

Leading to the degrees of Bachelor of Arts, Bachelor of Science in Agriculture, and to certificate in journalism.

### **College of Business Administration**

Leading to the degree of Bachelor of Science in Business Administration.

### **College of Dentistry**

Leading to the degrees of Doctor of Dental Surgery and Bachelor of Science in Dentistry.

### **College of Engineering**

Leading to the degrees of Bachelor of the Art of Architecture, Bachelor of Science in Agricultural Engineering, Bachelor of Science in Architectural Engineering, Bachelor of Science in Chemical Engineering, Bachelor of Science in Civil Engineering, Bachelor of Science in Commercial Engineering, Bachelor of Science in Electrical Engineering, Bachelor of Science in Mechanical Engineering.

Supervises Nebraska Engineering Experiment Station, Lincoln.

### **Graduate College**

Leading to the degrees of Doctor of Philosophy, Master of Arts, Master of Architecture, Master of Science, Master of Science in Social Work, Master of Science in Agricultural Engineering, Master of Science in Architectural Engineering, Master of Science in Civil Engineering, Master of Science in Electrical Engineering, Master of Science in Mechanical Engineering, Agricultural Engineer, Chemical Engineer, Civil Engineer, Electrical Engineer, Mechanical Engineer.

### **Graduate School of Social Work**

Leading to the degree of Master of Science in Social Work, and to certificate in social work.

### **College of Law**

Leading to the degree of Bachelor of Laws.

### **College of Medicine**

Leading to the degrees of Doctor of Medicine, Bachelor of Science in Medicine, Bachelor of Science in Nursing, and Graduate Nurse.

### **School of Nursing**

Leading to the degrees of Bachelor of Science in Nursing and Graduate Nurse.

### **Department of Military Science and Tactics**

Leading to a reserve commission in the military forces of the United States.

### **College of Pharmacy**

Leading to the degree of Bachelor of Science in Pharmacy.

### **Department of Physical Education and Athletics**

Leading to the degree of Bachelor of Science in Education, and to certificate in physical education (women) and certificate in physical education and athletics (men).

### **Teachers College**

Leading to the degrees of Bachelor of Science in Education, Bachelor of Arts in Education, Bachelor of Fine Arts in Education, Bachelor of Music in Education. Supervises Teachers College High School, Lincoln.

### **Summer Session**

### **Conservation and Survey Division**

### **University Extension Division**

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*Separate bulletins or information on these University divisions  
may be obtained free by addressing the Registrar,  
University of Nebraska, Lincoln*

## Calendar for 1940-41

### 1940 Summer Session

June 11, noon, to August 9	Long Session
June 11, noon, to July 19	Short Session

### Year 1940-41

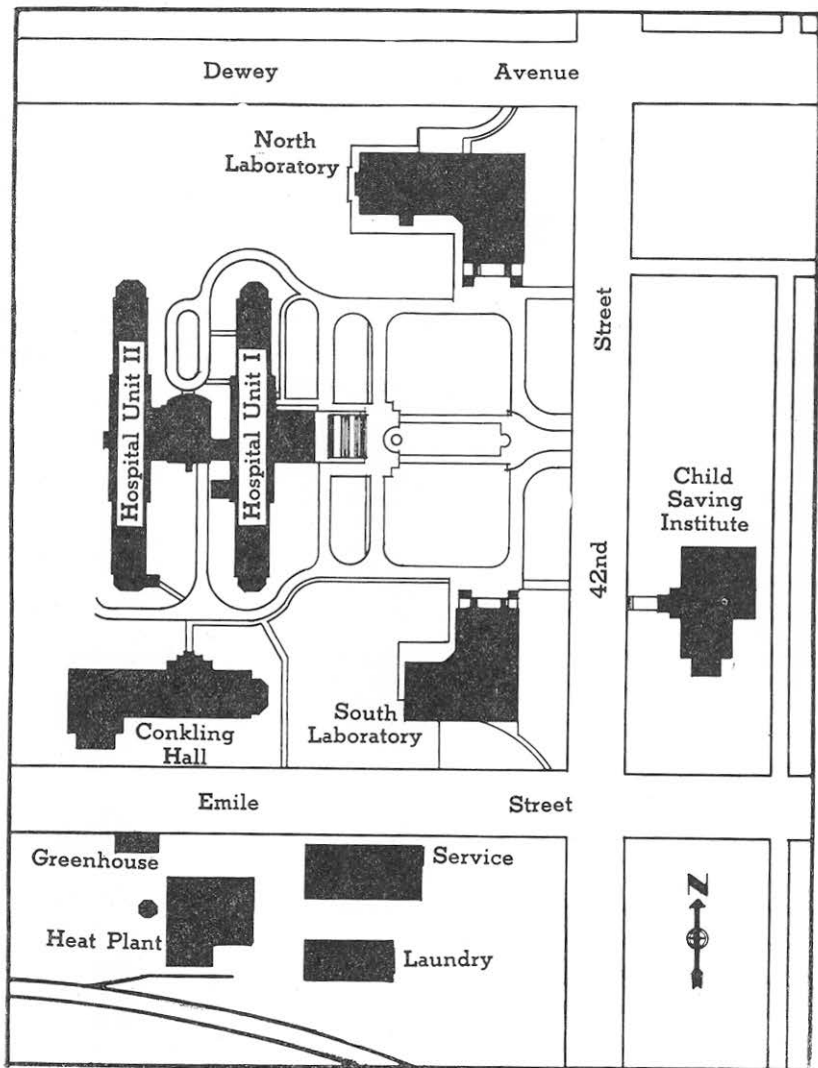
Sept. 4 to 14 inclusive	Medical examinations
Sept. 12, Thursday, 9 a.m.	Freshman convocation
Sept. 12, 13, 14, Thursday, Friday Saturday	Freshman tests
Sept. 13, Friday	Chancellor's reception to students
Sept. 16, 17, 18, Monday, Tuesday, Wednesday	Freshman registration. Registration for all undergraduate students other than freshmen, including changes in spring registrations.
Sept. 19, Thursday	First semester classes begin
Sept. 20, Friday	Registration, College of Medicine
Sept. 23, Monday	College of Medicine classes begin
Sept. 25, Wednesday, 11 a.m.	Freshman convocation
Oct. 26, Saturday	First six-weeks reports
Nov. 11, Monday	Armistice holiday
Nov. 20-25, Wednesday noon to 8 a.m. Monday	Thanksgiving vacation
Dec. 7, Saturday	Second six-weeks reports
Dec. 15, Sunday	Oratorio by University Choral Union and University Orchestra
Dec. 21, Saturday noon	Christmas vacation begins
Jan. 6, Monday, 8 a.m.	Christmas vacation ends
Jan. 13-18, Monday to Saturday noon	Registration for second semester for students attending first semester
Jan. 23-Feb. 1, Thursday to Saturday	First semester examinations
Jan. 31, Friday	Registration for new students
Feb. 3, Monday	Second semester classes begin
Feb. 15, Saturday	Charter Day
March 15, Saturday	First six-weeks reports
April 11-16, 8 a.m. Friday to 8 a.m. Wednesday	Spring vacation
April 17, Thursday	Nebraska School of Agriculture com- mencement (Curtis)
April 22, Tuesday	Honors Convocation
April 26, Saturday	Second six-weeks reports
May 1, Thursday	Ivy Day
May 1-3, Thursday to Saturday	College Days
May 3, Saturday	Premedic Day
May 12-17, Monday to Saturday noon	Registration for fall semester for stu- dents attending second semester
May 28-June 7, Wednesday to Saturday	Second semester examinations
May 29, Thursday	Teachers College High School com- mencement
May 30, Friday	Memorial Day holiday

### Commencement Week

June 8, Sunday	Baccalaureate sermon
June 9, Monday	Seventieth annual commencement

### 1941 Summer Session

June 10, noon, to August 8	Long Session
June 10, noon, to July 18	Short Session



### COLLEGE OF MEDICINE CAMPUS

The College of Medicine and School of Nursing are situated at the University Hospital, in Omaha, at 42nd and Dewey avenue. All the buildings are modern, the oldest, North Laboratory, having been erected in 1912.

## ADMINISTRATION

### The Board of Regents

	<i>Term Expires</i>
CHARLES Y. THOMPSON, West Point, President.....	January 1941
MARION A. SHAW, David City.....	January 1941
*FRED W. THOMAS, Omaha.....	November 1940
ROBERT W. DEVOE, Lincoln.....	January 1943
STANLEY D. LONG, Grand Island.....	January 1945
FRANK M. JOHNSON, Lexington.....	January 1945
LORING ELLIS GUNDERSON, Lincoln, Corporation Secretary	

### The University

CHAUNCEY SAMUEL BOUCHER, Ph.D., LL.D., Chancellor of the University.  
CHARLES WILLIAM McCORKLE POYNTER, B.Sc., M.D., Dean of the College of Medicine.

THEOS JEFFERSON THOMPSON, Ph.D., Dean of Student Affairs.

HELEN HOSP, M.A., Dean of Women.

FLORENCE IRWIN MCGAHEY, A.B., Registrar. (*Secretary of the Faculties.*)

†GEORGE WALTER ROSENLOF, Ph.D., Registrar, University Examiner, and Director of Admissions.

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## COLLEGE OF MEDICINE

*Degrees of Doctor of Medicine, Bachelor of Science in Medicine, Bachelor of Science in Nursing, and Graduate Nurse.*

DEPARTMENT OF ANATOMY  
C. W. M. Poynter, Chairman

DEPARTMENT OF BIOCHEMISTRY  
S. Morgulis, Chairman

DEPARTMENT OF DERMATOLOGY AND  
SYPHILOLOGY  
C. C. Tomlinson, Chairman

DEPARTMENT OF INTERNAL MEDICINE  
R. W. Bliss, Chairman

DEPARTMENT OF MEDICAL JURIS-  
PRUDENCE

DEPARTMENT OF NEURO-PSYCHIATRY  
G. A. Young, Chairman

DEPARTMENT OF OBSTETRICS AND  
GYNECOLOGY  
E. C. Sage, Chairman

DEPARTMENT OF OPHTHALMOLOGY  
W. H. Stokes, Chairman

DEPARTMENT OF ORTHOPEDIC  
SURGERY

R. D. Schrock, Chairman

DEPARTMENT OF OTORHINOLARYN-  
GOLOGY

W. P. Wherry, Chairman

DEPARTMENT OF PATHOLOGY AND  
BACTERIOLOGY

H. E. Eggers, Chairman

DEPARTMENT OF PEDIATRICS

J. C. Moore, Chairman

DEPARTMENT OF PHYSIOLOGY AND  
PHARMACOLOGY

A. R. McIntyre, Chairman

DEPARTMENT OF RADIOLOGY AND  
PHYSICAL THERAPY

H. B. Hunt, Chairman

DEPARTMENT OF SURGERY

J. J. Keegan, Chairman

DEPARTMENT OF UROLOGY

E. Davis, Chairman

\* Appointed to fill position of A. C. Stokes, deceased, until next general election.

† Effective July 1, 1940.

- PAYSON STONE ADAMS, B.Sc. in Med., M.D., Instructor in Urology.
- ✓ JOHN FRANKLIN ALLEN, B.Sc., M.D., Professor of Clinical Medicine.
- MAINE C. ANDERSEN, M.D., Assistant Professor of Medicine.
- ✓ HARLEY ERIC ANDERSON, B.Sc. in Med., M.D., Assistant Instructor in Obstetrics.
- CHARLES PRESTON BAKER, M.A., M.D., Instructor in Pathology and Bacteriology.
- CLARENCE FREDERICK BANTIN, B.Sc., M.D., Instructor in Pediatrics.
- ELMER WILLIAM BANTIN, B.Sc., M.D., Instructor in Pediatrics.
- ✓ FRANCIS J. BEAN, A.B., M.D., Assistant Superintendent of Hospital and Assistant Professor of Medicine.
- MEYER BEBER, Ph.D., M.D., Instructor in Internal Medicine.
- ABRAM ELTING BENNETT, B.Sc., M.D., Assistant Professor of Neuro-Psychiatry.
- ARTHUR LAWRENCE BENNETT, Ph.D., M.D., Associate Professor of Physiology and Pharmacology.
- GORDON NEWALL BEST, B.Sc., M.D., Instructor in Medicine.
- RUSSELL ROLLAND BEST, B.Sc., M.D., Assistant Professor of Anatomy and Associate Professor of Surgery.
- JAMES DEWEY BISGARD, A.B., M.D., Assistant Professor of Surgery.
- RODNEY WALDO BLISS, A.B., M.D., Professor of Medicine. (*Chairman of Department of Internal Medicine.*)
- ✓ WARNER FREMONT BOWERS, Ph.D., M.D., Instructor in Surgery.
- ✓ ALFRED JEROME BROWN, A.B., M.D., Professor of Surgery.
- WILLIS E. BROWN, M.D., Assistant Professor of Obstetrics and Gynecology.
- WILLIAM FREDERICK CALLFAS, C.M., M.D., Professor of Otorhinolaryngology, Emeritus.
- OLIN JAMES CAMERON, M.S., M.D., Assistant Professor of Dermatology and Syphilology.
- WALDRON ALVIN CASSIDY, A.B., M.D., Assistant Professor of Otorhinolaryngology and Consultant for Bronchoscopy.
- ✓ GEORGE LEONARD CLARK, B.Sc., M.D., Instructor in Pediatrics.
- MILDRED JOHNSON CLARK, M.D., Clinical Assistant in Obstetrics.
- ✓ AUGUSTUS DAVID CLOYD, A.B., M.D., Instructor in Internal Medicine.
- ? — ROBERT MARSHALL COLLINS, B.Sc. in Med., M.D., Instructor in Obstetrics and Gynecology.
- ✓ FRANK MATTHEW CONLIN, M.D., Professor of Clinical Medicine.
- EDWIN DAVIS, B.A., M.D., Professor of Urology. (*Chairman of Department.*)
- ? — HERBERT HAYWOOD DAVIS, A.B., M.D., Associate Professor of Surgery.
- ? — JOHN CALVIN DAVIS, JR., A.B., M.D., Assistant Professor of Otorhinolaryngology.
- CARMELO DISTEFANO, B.Sc., M.D., Clinical Assistant in Urology.
- FRANK LOWELL DUNN, A.M., M.D., Assistant Professor of Clinical Physiology and Associate Professor of Internal Medicine.
- ✓ HAROLD EVERETT EGGERS, A.M., M.D., Professor of Pathology and Bacteriology. (*Chairman of Department.*)
- ✓ SAMUEL EPPSTEIN, Ph.D., Instructor in Biochemistry.
- ? — SAMUEL Z. FAIER, B.Sc. in Med., M.D., Instructor in Otorhinolaryngology.
- DAVID PRESSLEY FINDLEY, M.D., Instructor in Obstetrics and Gynecology.
- CHARLES FRANDSEN, B.Sc., M.D., Assistant Instructor in Medicine.
- ✓ FREDERIC D. GARRETT, Ph.D., Instructor in Anatomy.
- HAROLD GIFFORD, JR., B.Sc. in Med., M.D., Assistant Professor of Ophthalmology.
- ARTHUR M. GREENE, M.Sc., M.D., Instructor in Medicine.
- MANUEL GRODINSKY, B.Sc., M.D., Associate Professor of Anatomy and Associate Professor of Surgery.
- ✓ AUGUST ERNEST GUENTHER, Ph.D., Professor of Physiology and Pharmacology, Emeritus.

? — Redmond

- ✓ MILLARD F. GUNDERSON, Ph.D., Associate Professor of Pathology and Bacteriology.
- LYNN THOMPSON HALL, B.Sc., M.D., Professor of Clinical Medicine in Charge of Therapeutics.
- \*HOWARD BROWNLEE HAMILTON, A.B., M.D., Professor of Pediatrics, Emeritus.
- WILLIAM RUDOLPH HANSA, B.Sc., M.D., Instructor in Orthopedic Surgery.
- ? — ERNEST W. HANCOCK, M.D., Instructor in Pediatrics.
- ✓ WILLIAM PORTER HANEY, M.D., Instructor in Otorhinolaryngology.
- LOUIS EVERETT HANISCH, B.Sc., M.D., Instructor in Surgery.
- ✓ VINCENT CHARLES HASCALL, LL.B., Instructor in Medical Jurisprudence.
- LYMAN HOWARD HEINE, A.B., M.D., Clinical Assistant in Otorhinolaryngology.
- ✓ JOSEPH A. HENSKKE, M.D., Associate Professor of Pediatrics.
- ? — LLOYD OLIVER HOFFMAN, M.D., Instructor in Obstetrics and Gynecology.
- EDWARD AGUSTUS HOLYOKE, Ph.D., M.D., Assistant Professor of Anatomy.
- HOWARD B. HUNT, A.M., M.D., Professor of Radiology and Physical Therapy. (*Chairman of Department.*)
- ? — HERMAN MILTON JAHR, B.Sc., M.D., Associate Professor of Pediatrics. (*Secretary of Department.*)
- ✓ HERMAN FRANK JOHNSON, M.D., Assistant Professor of Orthopedics and Assistant Professor of Surgery in Charge of Division of Fractures.
- DELBERT KENNETH JUDD, B.Sc., M.D., Instructor in Otorhinolaryngology.
- JOHN HEWITT JUDD, B.Sc., M.D., Associate Professor of Ophthalmology.
- ✓ JOHN JAY KEEGAN, A.M., M.D., Professor of Neurological Surgery. (*Chairman of Department of Surgery.*)
- ESLEY JOSEPH KIRK, A.M., M.D., Assistant Professor of Medicine, in Charge of Clinical Clerk Service.
- ✓ JOHN STEPHENS LATTA, Ph.D., Professor of Anatomy. (*Secretary of Department.*)
- JOHN DEWEY LEMAR, M.Sc., M.D., Assistant Professor of Public Health.
- RAYMOND GERALD LEWIS, A.B., B.Sc., M.D., Assistant Instructor in Medicine.
- \*JOHN PRENTISS LORD, M.D., Professor of Orthopedic Surgery, Emeritus.
- JAMES S. McAVIN, Ph.G., M.D., Instructor in Anesthesia and Radiology.
- JOSEPH D. MCCARTHY, M.D., Assistant Professor of Medicine.
- ? — LEON STEINER McGOOGAN, A.B., M.D., Assistant Professor of Obstetrics and Gynecology. (*Secretary of Department.*)
- ✓ ARCHIBALD ROSS McINTYRE, Ph.D., M.D., Professor of Physiology and Pharmacology. (*Chairman of Department.*)
- CHARLES WILLIAM McLAUGHLIN, JR., B.Sc. in Med., M.D., Instructor in Surgery.
- ERNEST LYNN MACQUIDDY, A.B., M.D., Assistant Professor of Medicine.
- MORRIS MARGOLIN, A.B., M.D., Instructor in Medicine.
- OTIS WALLACE MARTIN, B.Sc., M.D., Instructor in Urology.
- ✓ CLAUDE WILLIAM MASON, M.D., Assistant Professor of Medicine, in Charge of Tropical Medicine.
- WILLSON BRIDGES MOODY, A.B., M.D., Assistant Professor of Medicine.
- ? — CHARLES FRANKLIN MOON, B.Sc., M.D., Assistant Professor of Obstetrics and Gynecology.
- ? — JOHN CLYDE MOORE, JR., A.B., B.Sc., M.D., Professor of Pediatrics. (*Chairman of Department.*)
- ? — HAROLD SMITH MORGAN, M.D., Instructor in Obstetrics and Gynecology.
- ✓ SERGIUS MORGULIS, A.M., Ph.D., Professor of Biochemistry. (*Chairman of Department.*)
- ✓ WILLIAM HOWARD MORRISON, B.Sc. in Med., M.D., Instructor in Ophthalmology.
- ? — PAUL NEWTON MORROW, A.B., M.D., Clinical Assistant in Pediatrics.

\* Deceased.



- ? — REUBEN ALLYN MOSER, A.B., M.D., Assistant Professor of Medicine and Director of Medical Clinic at the Dispensary.  
 FLOYD JOSHUA MURRAY, B.Sc., M.D., Instructor in Surgery.  
 OLIVER CLARKE NICKUM, A.B., M.D., Instructor in Medicine.  
 FREDERICK W. NIEHAUS, B.Sc., M.D., Associate Professor of Medicine.
- ✓ JOHN RUDOLPH NILSSON, M.D., Professor of Industrial Surgery.  
 CHARLES AUSTIN OWENS, B.Sc., M.D., Assistant Professor of Urology.  
 CHARLES WHITNEY POLLARD, A.B., M.D., Professor of Obstetrics and Gynecology, Emeritus.
- ✓ GEORGE BENJAMIN POTTER, M.D., Associate Professor of Ophthalmology.  
 JOHN BEEKMAN POTTS, M.D., Professor of Otorhinolaryngology, Emeritus.
- ✓ CHARLES WILLIAM McCORKLE POYNTER, B.Sc., M.D., Dean of the College of Medicine, Professor of Anatomy (*Chairman of Department*), and Superintendent of University Hospital.
- ✓ GEORGE PAYTON PRATT, B.Sc., M.D., Professor of Clinical Medicine.  
 ✓ GEORGE WINTHROP PRICHARD, A.B., M.D., Instructor in Medicine.  
 ✓ DANIEL THOMAS QUIGLEY, M.D., Instructor in Surgery.  
 ROBERT HOUSTON RASGORSHEK, M.D., Assistant Professor of Ophthalmology.
- ? — JOHN PHILBROOK REDGWICK, B.Sc., M.D., Clinical Assistant in Obstetrics.
- ? ✓ CHARLES O'NEILL RICH, B.Sc., M.D., Associate Professor of Surgery.
- ? — GEORGE EDWIN ROBERTSON, B.Sc. in Med., M.D., Instructor in Pediatrics.  
 PHILIP L. ROMONEK, M.D., Instructor in Otorhinolaryngology.
- ✓ CLARENCE RUBENDALL, B.Sc., M.D., Associate Professor of Otorhinolaryngology.  
 ✓ ABRAHAM SROL RUBNITZ, A.B., M.D., Assistant Professor of Medicine.  
 ✓ EARL CUDDINGTON SAGE, B.Sc., M.D., Professor of Obstetrics and Gynecology. (*Chairman of Department*)  
 ✓ ROBERT D. SCHROCK, A.B., M.D., Professor of Orthopedic Surgery. (*Chairman of Department*)  
 JOHN CHARLES SHARPE, B.Sc. in Med., M.D., Instructor in Medicine and Technical Assistant in Urology and Bacteriology.
- ✓ WILLIAM LETE SHEARER, A.B., D.D.S., M.D., Professor of Surgery, in Charge of Oral and Plastic Surgery.  
 EUGENE EARL SIMMONS, B.Sc., M.D., Instructor in Medicine.  
 GEORGE A. SKINNER, M.D., Professor of Public Health, Emeritus.
- ✓ CLARENCE THOMPSON SPIER, A.B., LL.B., Instructor in Medical Jurisprudence.  
 ✓ OLGA FRANCES STASTNY, M.D., Instructor in Obstetrics and Gynecology.  
 ✓ ROBERT JAMES STEARNS, M.D., Instructor in Gynecology.  
 ABRAHAM A. STEINBERG, B.Sc., M.D., Instructor in Ophthalmology.  
 HARRY BAYLISS STOKES, M.D., Instructor in Otorhinolaryngology.  
 ✓ WILLIAM HERMAN STOKES, M.D., Professor of Ophthalmology. (*Chairman of Department*)  
 ✓ WILLIS HARVEY TAYLOR, B.Sc., M.D., Professor of Clinical Obstetrics and Gynecology.  
 ✓ AMOS THOMAS, LL.B., Instructor in Medical Jurisprudence.  
 CHARLES EDWARD THOMPSON, B.Sc., M.D., Instructor in Internal Medicine.  
 CHESTER QUAY THOMPSON, B.Sc., M.D., Assistant Professor of Medicine.
- ✓ WARREN THOMPSON, B.Sc., M.D., Associate Professor of Medicine.  
 PAUL WAYNE TIPTON, B.Sc. in Med., M.D., Clinical Assistant in Orthopedic Surgery.  
 JAMES PERRY TOLLMAN, B.Sc., M.D., Associate Professor of Clinical Pathology.
- ✓ CHARLES CREIGHTON TOMLINSON, M.D., Professor of Dermatology and Syphilology. (*Chairman of Department*)  
 ✓ CHARLES ARCHIBALD TOMPKINS, B.Sc., M.D., Instructor in Pediatrics.  
 ✓ OTIS WADE, Ph.D., Associate Professor of Zoology and Adviser to Pre-medical Students.

Slack

- ✓ CHESTER HILL WATERS, B.Sc., M.D., Associate Professor of Surgery.
  - JOSEPH A. WEINBERG, M.Sc., M.D., Associate Professor of Clinical Pathology and Associate Professor of Surgery.
  - ✓ WILLIAM PENALUNA WHERRY, M.D., Professor of Otorhinolaryngology. (*Chairman of Department.*)
  - ✓ HARRISON ALONZO WIGTON, B.Sc., M.D., Associate Professor of Neuro-Psychiatry.
  - ✓ VIOLET WILDER, Ph.D., Technician with rank of Instructor in Biochemistry.
  - ✓ WILLIAM ALBERT WILLARD, Ph.D., Professor of Anatomy.
  - DONALD JASPER WILSON, A.B., B.Sc., M.D., Assistant Professor of Dermatology and Syphilology.
  - WILLIS DEAN WRIGHT, B.Sc., M.D., Assistant Instructor in Medicine.
  - HELEN WYANDT, M.Sc., Assistant Professor of Pathology and Bacteriology.
  - RAYMOND JOSEPH WYRENS, A.B., M.D., Instructor in Medicine.
  - ✓ GEORGE ALEXANDER YOUNG, M.D., Professor of Neuro-Psychiatry. (*Chairman of Department.*)
  - ✓ RICHARD HARTE YOUNG, M.S., M.D., Assistant Professor of Neuro-Psychiatry.
  - EDWARD WILLIAM ZEMAN, M.D., Instructor in Pediatrics.
- INTERNS: Barber, J. Blair, R. Blair, Burr, Carp, Dilworth, Hankins, Harris, Loudon, Moore, Patton, Strough.
- GRADUATE ASSISTANTS: Imes, Otto, Wagner.
- RESIDENTS: Bohlender—*Obstetrics and Gynecology*; Tanner—*Pathology*; Neely—*Radiology*.

### Committees of the Faculty

- CURRICULUM—Doctors Latta, *Chairman*, A. L. Bennett, Conlin, H. H. Davis.
- DISPENSARY—Doctors Henske, *Chairman*, F. L. Dunn, McGoogan, McLaughlin.
- EXAMINATIONS—Doctors Potter, *Chairman*, M. C. Andersen, E. W. Bantin, A. L. Bennett, Cameron, McLaughlin, Rubendall, C. Q. Thompson, Waters.
- EXECUTIVE—Chairman of Departments.
- FEVER THERAPY RESEARCH—Doctors A. E. Bennett, *Chairman*, F. L. Dunn, Owens, Simmons.
- FORMULARY—Doctors L. T. Hall, *Chairman*, Bean, Cameron, J. C. Davis, McIntyre, C. Q. Thompson.
- GRADUATE STUDIES—Doctors McIntyre, *Chairman*, M. F. Gunderson, Morgulis.
- LIBRARY—Doctors Latta, *Chairman*, A. J. Brown, McIntyre, Pratt, Miss Hillis.
- STAFF CLINICS—Doctors McCarthy, *Chairman*, Grodinsky, Tollman.
- STUDENT—Doctors Eggers, *Chairman*, A. L. Bennett, Bisgard, Latta, Waters, R. H. Young.
- STUDENT ASSISTANCE—Doctors Willard, *Chairman*, A. L. Bennett, Tollman.
- UNIVERSITY HOSPITAL—Doctors Wherry, *Chairman*, H. B. Hunt, Keegan, Tomlinson, the Superintendent.

### Administration

- FRANCIS J. BEAN, A.B., M.D., Assistant Superintendent of University Hospital and Assistant Professor of Medicine.
- CHARLOTTE BURGESS, R.N., Ph.B., Director of the School of Nursing and Professor of Nursing.
- JOSEPHINE CHAMBERLIN, R.N., Superintendent of Dispensary.

WILLIAM G. EVERS, Cashier.

MARGUERITE GODSEY, Secretary to the Superintendent, University Hospital.

MADALENE S. HILLIS, Librarian of Medical College Library.

MARY LOU LESLIE, A.B., Secretary to the Dean.

MARGARET PETTY, Record Librarian, University Hospital.

ANGELINE PHILLIPS, M.Sc., Instructor in Dietotherapy and Diet Kitchen Practice and Director of Dietetics.

RUBEN B. SAXON, B.Sc. in M.E., Assistant Operating Superintendent at the College of Medicine.

### COLLEGE OF MEDICINE

**History.**—The first move for the establishment of a college of medicine in the state of Nebraska came February 15, 1869, when the Nebraska state legislature approved the formation of the University of Nebraska at Lincoln, which was to include a college of medicine. Nothing was done toward the establishment of this college until 1883, when the University of Nebraska Medical College was established at Lincoln. The legislature of 1887 withdrew its appropriation, necessitating discontinuance of the college on May 19, 1887. In 1902 the Omaha Medical College, incorporated at Omaha in 1881, entered into an agreement of affiliation with the University of Nebraska whereby the first two years of a four-year medical course would be given at Lincoln and the last two years in Omaha. By this move the college changed its name to the University of Nebraska College of Medicine and became an integral part of the state University. Since 1913 the entire four-year course has been offered at Omaha.

**Standing.**—Under the appropriation made by the legislature during the period since 1913, the Board of Regents has devoted more than million and a half dollars to the erection and equipment of buildings for the Medical College. These buildings and their equipment provide for the student activities of the work of both the basic sciences and the clinical years. The University Hospital was built to provide for 250 beds in the various services organized for medical teaching.

The College of Medicine meets the requirements of the most exacting state examining and licensing boards. Its diploma grants the holder all privileges accorded to graduates of any medical college in the United States. It is a member of the Association of American Medical Colleges and has a Class A rating by the American Medical Association. It maintains the highest standards in instructional staff and content of courses.

The course of study in medicine covers four years of 36 weeks each. The first two years in medicine include those laboratory sciences which form the basis for the clinical studies of the last two years. The clinical application of laboratory subjects is emphasized and introductory clinical subjects are given in the second year. The last two years are spent largely in the study of disease in clinics of the hospital and out-patient department. The objective method is followed in laboratories and clinical instruction, with constant reference to the facts acquired from earlier laboratory work. In all courses students are encouraged to do the largest amount of individual work consistent with the discipline of the curriculum.

In the plan of instruction throughout the four years students are arranged in small groups to meet both laboratory and clinical instructors. This tends to overcome the objections which are so frequently urged by students where they are met in large classes for didactic exercises.

### Admission to the College of Medicine

**Credentials.**—For admission to the College of Medicine, applicants must present official credentials as follows:

**HIGH SCHOOL.**—Graduates of accredited high schools may have full admission with 12 properly selected entrance units completed in the senior high school (grades 10, 11, 12) or with 15 entrance units on the four-year high school basis.

Six units from the senior high school shall be in the fields of English, foreign language, mathematics, natural sciences, and the social studies with a minimum of two units in English, two in mathematics (one each of algebra and geometry or an equivalent combination of general mathematics, algebra and geometry), and two in a foreign language. One unit of foreign language and one unit of mathematics completed below grade 10, while not counting toward the six units in the five fields mentioned above, may be used in fulfilling the specific requirements in these fields.

**COLLEGE.**—The following college subjects are required of all applicants:

	<i>Semester Hours</i>
Chemistry (4 hours of which shall be organic).....	12
Physics .....	8
Biology .....	8
English .....	6
Electives .....	56
	—
Total.....	90

The college course must include at least three years of work (90 semester hours) in an approved college of arts and sciences or university. The students are urged to elect a broad list of courses including the humanities as well as the basic sciences. This might well include sociology, psychology, history, advanced English, and a major foreign language, preferably German, to be carried through two or three years unless it has been begun in high school.

This number of hours must not include subjects such as anatomy, histology, embryology, physiology, biochemistry, medical bacteriology, nor any other subject which is taken in Medical College nor credits offered from professional schools which do not regularly receive Arts College credit.

Each student applying for admission to the College of Medicine is required to take the aptitude test as provided by the Association of American Medical Colleges, except where specifically excused by authorities of the college.

By meeting group and major and minor requirements, a degree of Bachelor of Arts or Bachelor of Science can be received on the satisfactory completion of the first year in Medical College.

**Application for Admission.**—Applications should be made to the Dean of the University of Nebraska College of Medicine, 42nd and Dewey Avenue, Omaha, Nebraska, who will furnish a printed application blank and two character reference blanks. The latter are to be filled out preferably by a professor of zoology and a professor of chemistry. A personal interview with the dean or the Committee on admissions is very desirable.

Applications should be submitted early in April and if presented after June 1 will be considered only at the discretion of the college. Applications may be presented upon completion of five semesters of premedical

work, with indication of enrollment for the remaining necessary subjects during the sixth semester or summer school. A provisional acceptance will be given such a student if his record is satisfactory.

Admissions are on a selective basis, preferably being granted to residents of Nebraska. The number of admissions is limited and selection is based on character, scholarship, and promise of aptitude for the practice of medicine.

Upon receipt of notice that an applicant has been accepted for entrance to the College of Medicine, he is required to send a deposit of \$25 to be applied as part payment of the tuition fee of the first term at the time of registration, or to be forfeited if the applicant fails to register in the College of Medicine by October 1. A charge of \$5 may be made for evaluation of transcripts of nonresident students, such fees to be applied as part payment of tuition if applicant is accepted.

**Advanced Standing.**—Application for admission to advanced standing in the second and third medical year classes will be considered only from Class A schools. Applicants for admission must furnish evidence that they have satisfactorily completed courses equivalent in kind and amount to those taken by the class to which admission is sought, and must present also a letter of honorable dismissal. The University of Nebraska College of Medicine reserves the right in every case to give examinations in any or all subjects in which credit is requested. Such examinations, however, are given only in exceptional cases.

No student coming from another school will be allowed any privileges in this school which would have been denied him in the school which he leaves.

No student will be admitted to advanced standing in any class with a delinquency in any subject; nor may he become a candidate for graduation without spending the last two years in residence.

**Credit Requirements.**—In accordance with the recommendation of the Association of American Medical Colleges, the College of Medicine does not grant any time credit toward the Doctor of Medicine degree to holders of a bachelor's degree; this means that the total time spent by each student taking his medical degree must include as a minimum four years of registration in a medical college.

The granting of subject credit is at the discretion of the Committee on Credits, which may ask the chairman of any department in which credit is offered to certify as to the student's eligibility through such examination as he may reasonably impose. Admission to any class does not necessarily carry with it credit in all work previously done by the class, since the Committee on Credits has the right to demand satisfactory evidence of the completion of previous work in that subject equal to that required of the student of this College, and in case the work is not equal to such requirement the deficiency stands against the student as an "incomplete" until removed.

**Registration.**—A day at the beginning of each semester is set apart for registration. To promote prompt registration, a fee of \$3 is charged any student who, unless excused by the dean, seeks to register later than this day. A fee of \$1 is charged for reregistration. Any change whatever in a registration once made is considered as a reregistration. No work done in the College of Medicine may be granted credit without proper registration. Eligibility for the degree of Doctor of Medicine requires registration in eight separate semesters. No regular student is registered

for less than 12 hours a semester without the dean's permission, nor under any conditions for more than 18 hours. No student may add any subject to his schedule or drop from it any subject for which he has been regularly registered, without written permission from the dean. Students may not attend classes for which they are not registered.

Students desiring to use the work of the first two medical years for baccalaureate credit at the University of Nebraska must register in the College of Arts and Sciences until the necessary amount of college work is completed. Candidates for baccalaureate degrees in other institutions than the University of Nebraska may arrange with their colleges to accept transcripts of the work of the first two years in medicine to apply to such degrees, or otherwise satisfy the requirements of those institutions.

**Class Standing and Examination.**—The standing of a student in any course is determined by the instructor in charge of the subject through examinations, personal contact, and observation of routine work. The passing grade for subjects of the first and second medical years is 70 per cent and for the third and fourth medical years 75 per cent. A grade below passing constitutes a "failure."

A course, which for a good reason has not been completed, may, if of passing grade, be marked "incomplete." Such incomplete must be removed by the end of the first semester in which the course is again offered or it becomes a failure.

Attendance at less than 80 per cent of the scheduled lectures and recitations or 85 per cent of the scheduled laboratory and clinical hours constitutes a failure in any course and shall be so reported.

A failed subject must be absolved by reregistration in and satisfactory completion of the subject at or before the next offering in the college schedule. A reregistered subject takes precedence over all other subjects. A student who has failed twice here or elsewhere in the same subject is not eligible for registration in that subject at this college.

A student who fails to make an average of 75 per cent in all of the subjects of either the first or second medical years shall be reexamined in all of the subjects of the respective year by an examining committee before being permitted to register for the following year.

At the end of the senior year a committee examination and thesis will be required before recommendation for graduation.

Whenever at the end of any semester a student is delinquent in half or more of his registered hours, his name is automatically dropped from the rolls of the College of Medicine and his registration cancelled.

**Absence or Withdrawal.**—The Dean of the College of Medicine is the adviser of all students in the College of Medicine. A leave of absence for a short time may be granted a student by the dean of his college. This is merely a justification for absence and not an excuse from any work. If a student in good and honorable standing finds it necessary to withdraw from the University before the close of a semester, the dean grants him permission to do so. If he is in good standing and is not a minor he is given honorable dismissal from the University at his own request; if a minor, at the request of his parents or guardian.

### Requirements for Graduation

The degree of Doctor of Medicine is granted only under the following conditions:

1. The candidate must be at least 21 years of age.

2. He must possess a good moral reputation.
3. He must have complied with all the requirements of admission.
4. He must have pursued the study of medicine for at least four years and must have passed all required courses and examinations and have received credit for at least four full years of instruction at medical colleges in good standing. The last two years must have been taken in this institution.

### Combined Academic and Medical Courses

**Course Leading to the Degrees of Bachelor of Arts or Bachelor of Science and Doctor of Medicine.**—By completing the group requirements of the College of Arts and Sciences and two minors (or one major) and by the use of the subjects of the first year of the medical course as a major, the student is enabled to receive at the end of four years the degree of Bachelor of Arts or Bachelor of Science in the College of Arts and Sciences.

**Course Leading to the Degree of Bachelor of Science in Medicine.**—Students presenting premedical college credits of high standard and who have completed the first two years in medicine, the last year of which shall be in residence in this institution, but who have not fulfilled the requirements for the degree of Bachelor of Science in the College of Arts and Sciences, may become candidates for the degree of Bachelor of Science in Medicine.

### Graduate Work

Graduate work of two types is offered in the College of Medicine:

1. Advanced study and research may be pursued in one or more of the laboratory departments by students holding baccalaureate degrees from this institution or from some other university or college. Such work, leading to the master's or doctor's degree, is registered for in the Graduate College and is subject to its regulations. A student may, with the consent of the Graduate College and the Dean of the College of Medicine, divide his work between the two colleges providing the general rules as to total hours of registration are not violated.

2. Research accomplished under the direct supervision of the faculty by graduates of outstanding scholarship serving in the University of Nebraska College of Medicine may lead to the degree of Doctor of Medicine *cum laude*. The following conditions laid down by the faculty must be complied with. The candidate should apply at least one year before he expects to come up for such degree and the subject of his study as well as an outline of the proposed work must be approved by the faculty Committee on Graduate Study. Throughout the year the candidate's investigative work should be under the supervision of two advisers named by this committee, one of whom shall be a member of the laboratory faculty, the other the chief of staff of the hospital where the candidate serves his internship. The work must represent original clinical or experimental data embodied in a typewritten thesis which should also give a comprehensive and critical survey of the literature of the special topic under investigation. Three copies of the thesis should be submitted, one of which will be deposited in the Medical College Library, if accepted. The granting of the degree should be by unanimous vote of the faculty

after the thesis, properly recommended by the advisory committee, has been accepted by the executive committee of the faculty.

**Fees and Expenses**

**Summary of Fees.**—Upon registration, fees must be paid to the Finance Secretary. No person may enroll in or attend classes or take any examination until his fees are paid. Students are urged to retain all receipts issued by University officials. The following schedule of fees will remain in force for the year 1940-41 unless changed by the Board of Regents prior to registration.

The tuition fees for the premedical years vary from \$2.50 to \$3 per credit hour.

**Matriculation**

Payable on entering a college ..... \$ 5.00  
 Being statutory, this fee cannot be refunded except when collected in error.  
 It is also charged students changing membership from one college to another.

**Nonresident**

Minimum, each semester (see page 16) ..... \$ 25.00

**Registration**

Registration ..... \$ 1.00  
 This fee is charged every student each and every time he registers in the University.  
 Reregistration or any change in registration ..... 1.00  
 Late registration (fees paid after designated days) minimum ..... 3.00  
 For each additional week after classes have begun ..... 1.00

**Tuition**

Tuition,<sup>1</sup> each semester ..... \$125.00  
 Irregular students, per credit hour ..... 7.00  
 A breakage fee of \$10 per year is charged, the unused portion of which will be returned at the end of the year.

For elective courses requiring laboratory space, apparatus, and material, an extra fee is charged. This fee is by agreement between the student and the chairman of the department, and is based on the amount of material required. No student in the College of Medicine may be excused from tuition payments because of the fact that he holds an appointive position or is doing instructional work for any department. Special course fees or the fees of students taking part-time work is prorated on the basis of the number of hours of work. In no case is the fee more than 20 cents for each hour of work. The minimum fee, however, is \$10. Breakage in the laboratory and damage to the College property is charged to the individual or class responsible. In case the responsibility for the damage cannot be placed it is charged to the class pro rata.

**Incidental**

Catalog, General ..... \$ .50  
 Medical Service, each semester ..... 2.00  
 Transcript (one copy furnished free)  
 Each additional original copy ..... 1.00  
 Each additional original and one carbon ..... 1.25

**Special Examination**

Each subject, Medical College ..... \$ 5.00  
 Advanced standing by examination, per credit hour ..... 1.00

**Graduation**

Baccalaureate degree ..... \$ 5.00  
 In absentia or medical cum laude, additional ..... 10.00

<sup>1</sup> For students who entered before September 1, 1939, the fee will remain \$100 each semester, provided they have continuity of attendance.



No person may be recommended for a degree until he has paid all fees, including the fee for graduation.

**Nonresident Students.**—All students not residents of Nebraska must pay a nonresident fee, the fee charged being not less “than the fee charged to residents of Nebraska for a similar course of study in a corresponding institution by the state in which such a nonresident has his home.” This fee will not be less than \$25 a semester. The exact amount will be determined when application for entrance to the University is made to the Registrar.

The following rules have been adopted by the Board of Regents:

1. In accordance with statutory provisions, all students not domiciled in Nebraska are required to pay the nonresident fees. These entering the state to attend a state school, or within one year prior to matriculation, are presumed to be nonresidents and the burden of overcoming this statutory presumption is upon them. Ordinarily this will not be satisfied by a mere declaration, while attending school, of intent to reside in Nebraska.

2. One desiring exemption shall make a verified application therefor upon a blank to be secured from the Finance Secretary's office and approved by the committee on exemptions. All information called for by the form shall be given in full. When duly verified, the application shall be filed with the Finance Secretary.

3. Students who are charged the nonresident fee by the Registrar, and who claim exemption, must file their application for exemption with the Finance Secretary on or before the end of the ninth week of the semester for which the fee is charged; in the case of summer sessions, before the end of the third week of the term for which the fee is charged. For failure after due notice to file such application on said date, the fee becomes automatically assessed to the student.

4. In all cases the burden is upon the applicant to make a showing sufficient to justify the requested exemption. While personal hearings will not be granted as of right, the committee will summon the applicant for a personal interview in all cases where it is of the opinion that such an interview will aid the proper disposition of the case.

It should be noted that no provision is made for exempting students from this fee on account of financial need or of scholarship. Students coming from outside the state therefore should be prepared to pay the fee throughout their University career.

**Refunds.**—The matriculation fee will be refunded only when charged through an error of a University official. Registration fee, medical service fee, student union building fund fee and all fees in the School of Nursing will not be refunded but tuition and nonresident fees may be refunded on withdrawal in good standing from the University as follows:

TUITION RETURNABLE .....	ALL	75%	50%	25%	NONE
Each semester, withdrawal within .....	1-2	3-6	7-10	11-14	15-18 weeks
Summer session, 9 weeks, withdrawal within .....	1	2-3	4-5	6-7	8-9 weeks
Summer session, 6 weeks, withdrawal within .....	1	2	3	4	5-6 weeks

**Microscopes.**—Students are required to provide suitable microscopes for their own use. Inquiries regarding specifications for microscopes as recommended by the faculty may be obtained by addressing the dean's office.

**Expenses.**—Board may be obtained in the vicinity of the College campus at an average of \$6 per week. Comfortable rooms for individuals cost from

\$10 to \$15 a month. Students rooming together may obtain comfortable rooming quarters at approximately \$8 per month each. The average expense of the student for a school year, including books, instruments, and all fees, is between \$700 and \$900. Students should provide an allowance of \$75 a year for books and instruments.

**Employment.**—The Young Men's Christian Association offers to students in the College of Medicine special season tickets at a very small cost, granting the privileges of the Association Building. In a city the size of Omaha there are many opportunities for students to defray a part of their expenses. The College of Medicine does not, however, guarantee employment. Through the Young Men's Christian Association, the Omaha Chamber of Commerce, and other agencies, employment is obtained for a number of students.

### Laboratory Facilities

**Anatomy.**—The Department of Anatomy occupies the third and fourth floors of the North Laboratory Building. The rooms are well lighted and ventilated. The "unit room" system—each unit accommodating four or eight students—has been adopted as superior to that of a large common dissecting room. The state anatomical law provides ample material for dissection. In the laboratory for microscopic anatomy individual desks, lockers, reagents, etc., are at the student's command, as are also excellent collections of histological and embryological material, models, charts, etc.

**Biochemistry.**—This department, located on the fourth floor of the South Laboratory Building, is amply equipped with modern scientific apparatus. It also has special research laboratories equipped with calorimeter, thermostat, automatic burettes, electric stoves, etc. A balance room and rooms for combustion, calorimetric, and Kjeldahl work are among the excellent facilities of this building.

**Clinical Pathology.**—There are two laboratories on each floor of the hospital adjoining the wards which are equipped for all regular diagnostic laboratory tests. For clinical clerk service a central hospital laboratory is provided, in which clinical laboratory work on assigned cases is done under supervision. For tissue examination, a special laboratory is located on the ground floor of the first hospital unit, with necropsy room adjacent.

**Pharmacology.**—Experimental pharmacology occupies the second floor of the South Laboratory Building. The chemical and pharmaceutical work of the student is carried on in this laboratory. The department's equipment includes private laboratories for experimental work.

**Pathology and Bacteriology.**—This department occupies the first and second floors of the North Laboratory Building, and has two large teaching laboratories for bacteriology, for general pathology of the second medical year, and for clinical and special pathology of the third medical year. Ample facilities and apparatus, with the exception of microscopes, are provided for each student.

**Physiology.**—The main physiology laboratory in the South Laboratory Building accommodates 40 students in each section and separate tables with lockers are provided for each pair of students. The room for mammalian experimentation accommodates 32 students. For research work and special experiments several additional rooms are available. The work shop, the instrument room, and the photographic room furnish opportunities for additional types of work.

### Clinical Facilities

**University Hospital.**—The University Hospital forms the largest unit of the group of buildings constituting the College of Medicine. It is the center around which all the activities of the various departments are grouped, making possible a close correlation between clinical and laboratory teaching. The hospital, modern in every respect, contains floor space for 240 beds, and provides for the care of a wide variety of cases.

Patients are received from the several counties of Nebraska and are admitted on the application of a legally qualified practitioner of medicine and county official. The patient's application certifies that he is financially unable to employ a physician. There are no private patients.

The ground floor contains an admitting department, drug room, kitchen, large and subsidiary dining rooms, pathological laboratories, necropsy amphitheater, the x-ray and physical therapy department, together with photography, and the stack room of the library. The first or main floor contains the college and hospital administration offices, finance office, medical amphitheater, reading room of the library, office of the dietitian, three medical wards, staff room, and electro cardiograph room. The second floor provides four surgical wards similar to those on medicine, a faculty conference room, the offices of the School of Nursing, and the Department of Hospital Records. The third floor contains wards for obstetrics and gynecology, a nursery, a children's ward, and a ward for neuro-psychiatry as well as the operating pavilion for obstetrics. On the fourth floor is situated the operating pavilion with rooms for general surgery and the surgical specialties which will accommodate large and small groups of observers, the hospital laboratory, the laboratory for clinical clerks, and interns' quarters. Each ward is provided with a large solarium.

The control of the University Hospital rests in the Board of Regents and is administered by the College of Medicine.

**University Dispensary.**—The dispensary is located in the South Laboratory Building. Separate services, each having its own rooms and equipment, are provided in internal medicine; surgery; eye, ear, nose, and throat; pediatrics; gynecology; obstetrics; neurology; dermatology; and genito-urinary diseases. There is also an out-call service which provides medical treatment in the homes, and in its problems cooperates with the Visiting Nurses' Association and other charitable agencies of the city. These activities are organized for the teaching of the senior students and furnish a wide diversity of diseases for observation and care by them during the last year.

**Extramural Hospitals.**—Clarkson, Douglas County, Lutheran, Immanuel, Methodist, and City Emergency hospitals are available for regular or special clinics as needed. Members of the University faculty are on the staffs of all these hospitals.

**Hospital Appointments.**—Graduates of the College of Medicine are afforded a wide choice in the selection of internships. Approximately 30 internships are available in the Omaha hospitals.

### Library and Museum Facilities

**College of Medicine Library.**—The college library is located in a wing of the Hospital Building and within easy access from the various laboratories, and stands as a vital, common interest to the laboratory and

clinical branches of medical instruction. The spacious reading and seminar rooms furnish a most congenial place for students and faculty to work. Accessions, cataloging, and indexing are in charge of a competent, expert librarian. The 41,000 bound volumes and more than 20,800 unbound pamphlets, reprints, and theses are the result of purchases and acquisitions extending over more than half a century and represent the mature judgment, as to valuable medical literature, of many specialists. There has thus been built up, not only a very valuable research library, but one which offers students abundant opportunities for additional reading and study. More than 400 standard scientific periodicals are on the regular subscription list.

Incidental to its ordinary functions, the library has in recent years laid emphasis on the acquisition of material of historic interest, including pictures of great medical men, biographies, histories, and surgical instruments. It also keeps a file of reprints from the writings of Nebraska medical authors. Incorporated within the library of the College of Medicine are 2,000 volumes of the Omaha-Douglas County Medical Society, 1,500 volumes of the Nebraska State Medical Society, and private medical libraries of former practitioners of the state.

**University Library.**—In Lincoln, the University Library, containing 350,000 volumes, is freely accessible to students and faculty in Omaha. Books may be withdrawn at any time upon demand. Likewise through the Medical College librarian it is possible for short periods to draw upon the resources of the John Crerar Library of Chicago or the Surgeon General's Library at Washington. The State Library of 108,000 volumes at the State Capitol and the Nebraska State Historical Society Library of 25,000 volumes include valuable medical works in certain lines; series of public documents such as reports of state boards of health and of state hospitals and other institutions.

**Museum.**—The pathological museum of the College of Medicine contains about 5,000 specimens. Nearly every variety of pathological lesion is represented and the constant addition of fresh material from the large number of autopsies performed continually adds to its interest. In addition to the gross specimens are thousands of microscopic sections and a large collection of wax reproductions of various lesions. A man technically trained in museum preparation is in charge of this museum. The museum is an important and necessary adjunct to the teaching of pathology and of clinical medicine.

The anatomical museum consisting of models, charts, and mounted specimens is housed in the quarters of the department of anatomy, where it is readily accessible to the students of the department.

### Scholarships and Loan Funds

**Scholarships and Fellowships.**—Scholarships are awarded in the various departments in return for student assistance. Applications should be made to the chairmen of departments.

Fellowships are available to students who qualify for graduate study and research in the medical sciences. Application should be made to the chairmen of departments.

**Jetur Riggs Conkling and Jennie Hanscom Conkling Foundation.**—The will of the late Clementine C. Conkling provides for the creation of a trust to be known as the "Jetur Riggs Conkling and Jennie Hanscom

Conkling Foundation," the income of which shall be used by the Regents of the University of Nebraska in providing scholarship loans for deserving medical students. Scholarship loans may be awarded only after the close of the students' first year in the Medical College.

Under the stipulations of the trust, students who have completed the freshman medical year in good standing may apply for a scholarship loan. Scholarship loans will not exceed the sum of \$200 per year. Applications should be addressed to the dean.

**Omaha Medical College Foundation.**—This foundation, created in April 1921, was established largely through contributions received from former professors in the Omaha Medical College. The object of the foundation is to promote the study of medicine and to provide for medical research in the University of Nebraska College of Medicine and to assist worthy students by scholarships and loans. The total in this fund exceeds \$15,000. Only the income may be disbursed. Students applying for benefits under this fund should file a written application with the dean.

**Nebraska Federation of Women's Clubs Scholarship Loan.**—An annual grant of \$200 is made for a loan to a student in the College of Medicine, on the basis of scholarship and financial need.

### Student and Alumni Organizations

**Alumni Association.**—Alumni of the University of Nebraska College of Medicine maintain an active organization with headquarters in Omaha. The association numbers about 1800 members.

**Premedical Society.**—A large premedical society has existed for a number of years among the students in the premedical courses at Lincoln. This society meets monthly for an informal evening and to hear addresses by members of the faculty.

A Saturday in May is set aside each year as Premedic Day for a visit to the Omaha campus.

### Public Service

**Public Health.**—The College of Medicine stands ready to supply expert advice in cooperation with the state and local departments of health on the general health conditions within the state. Members of the faculty of the College of Medicine will respond whenever possible for addresses on medical subjects of general interest. These addresses are available for teachers' associations, women's club meetings, and the like.

27.7 / 1654.0 (31)      989  
           831  
 —————  
       2230

36 / 1054 (29, 2)      810  
           72  
 —————  
       334

          324  
 —————  
       100

          533  
 —————  
       7648

**Medical Curriculum**

The course of study outlined is constructed in accordance with the recommendations of the Council on Medical Education of the American Medical Association and of the Association of American Medical Colleges. The experience of the best medical colleges of the country has been freely utilized. The University Hospital and Dispensary on the Medical College campus furnish ideal opportunities for bedside clinical instruction in close relation to the scientific departments of the college.

**SUMMARY OF COURSES**

**First Medical Year**

*First Semester*

COURSE	CHARACTER	TOTAL HOURS	CREDIT HOURS <sup>2</sup>
Anatomy 1.....	(a) Gross Dissection (Upper).....	126	4.6
	(e) Embryology .....	120	4.3
	(f) Histology .....	88	3.3
Pathology 1.....	(a) Bacteriology .....	176	5.8
Total hours of semester, 510; total credit hours, 18.			

*Second Semester*

Anatomy 1.....	(b) Gross Dissection (Head and Neck).....	127	4.4
	(c) Gross Dissection (Torso) .....	102	3.6
	(d) Gross Dissection (Lower) .....	85	3.0
	(g) Organology .....	90	3.0
	(h) Neurology .....	114	4.0
Total hours of semester, 518; total credit hours, 18.			
Total hours of first medical year, 1,028.			

**Second Medical Year**

*First Semester*

COURSE	CHARACTER	TOTAL HOURS	CREDIT HOURS <sup>2</sup>
Physiology and Pharmacology 2.....	(a) Didactic .....	85	4.0
	(b) Laboratory .....	170	6.0
Biochemistry 2.....	(a) Physical Chemistry .....	84	3.0
	(b) Biological Chemistry .....	154	5.0
Total hours of semester, 493; total credit hours, 18.			

*Second Semester*

Physiology and Pharmacology 2.....	(c) Didactic .....	85	1.0
	(d) Laboratory .....	102	4.0
Pathology 2.....	(a) General Pathology .....	204	8.5
Medicine 2.....	(a) Physical Diagnosis .....	51	1.0
	(b) Symptomatology .....	34	1.0
Neuro-Psychiatry 2.....	(a) General Psychology .....	17	0.5
Obstetrics 2.....	(a) Physiology .....	34	1.0
Pediatrics 2.....	(a) Diseases of Newborn .....	17	0.5
Radiology 2.....	(a) Principles of Roentgenological Diagnosis .....	17	0.5
Total hours of semester, 561; total credit hours, 18.			
Total hours of second medical year, 1,054.			

<sup>2</sup>A credit hour in the College of Medicine is based upon a factor of 27.7 hours attendance per week at regularly scheduled lecture, laboratory, or clinical periods during 17 weeks of a semester.

264  
360

30  
1092

1  
3.6  
6.0  
3.0  
5.0  
18.5  
3.7  
4.7

## Third Medical Year

## First and Second Semesters

COURSE	SUBJECT	LECTURE CLINIC	
		HOURS	HOURS
Internal Medicine 3.....	(a) Physical Diagnosis (1st semester).....		34
	(b) Fundamentals of Medicine.....	102	
	(c) Clinical Clerk.....		63
	(d) Hospital and Dispensary Clinic.....		68
	(e) Therapeutics (2nd semester).....	17	
Pathology 3.....	(a) Hygiene (2nd semester).....		34
	(b) Clinical Pathology (1st semester).....	51	102
	(c) Hospital Laboratory.....		32
Pediatrics 3.....	(a) Infant Feeding (1st semester).....	17	17
	(b) Communicable Diseases (2nd semester).....	17	
	(c) Clinical Clerk.....		24
	(d) Clinical Clerk.....		24
Neuro-Psychiatry 3.....	(b) Psychiatry (1st semester).....	17	
	(c) Neurology (2nd semester).....	17	
	(d) Clinical Clerk.....		24
Dermatology 3.....	(a) Dermatology (2nd semester).....	9	8
	(b) Clinical Clerk.....		24
Surgery 3.....	(a) Fundamentals.....	68	
	(b) Clinical Clerk.....		24
	(c) Hospital Clinics.....		34
	(d) Surgical Technic (2nd semester).....	9	8
Orthopedics 3.....	(a) Lecture Clinic (2nd semester).....	9	8
	(b) Clinical Clerk.....		9
Urology 3.....	(a) Fundamentals of Urology (2nd sem.).....	17	
	(b) Clinical Clerk.....		6
Otorhinolaryngology 3.....	(a) Diseases of Ear, Nose, and Throat (2nd semester).....	17	
	(b) Clinical Clerk.....		6
Ophthalmology 3.....	(a) Medical Ophthalmology (2nd sem.).....	17	
	(b) Clinical Clerk.....		6
Obstetrics and Gynecology 3.....	(b) Pathology of Pregnancy.....	68	
	(c) Clinical Clerk.....		24
	(d) Gynecology.....	34	
	(b) Principles of Radiotherapy and Physical Therapy (1st semester).....	17	

Total lecture hours, 503; total clinic hours, 531.

Total hours of third medical year, 1,034.

**Fourth Medical Year**  
*First and Second Semesters*

COURSE	SUBJECT	LECTURE HOURS	CLINIC HOURS
Internal Medicine 4.....	(a) Dispensary .....		96
	(b) Out-Call .....		128
	(c) Hospital Clinic.....		68
	(e) Tropical Medicine (2nd semester).....		17
	(f) Medical Review (2nd semester).....	17	
	(g) Therapeutics (1st semester).....	17	
Pathology 4.....	(a) Necropsies .....		64
	(b) Public Health (1st semester).....	17	17
Pediatrics 4.....	(a) General Pediatrics.....	34	
	(b) Dispensary .....		40
Neuro-Psychiatry 4.....	(a) Hospital Clinic.....		68
	(b) Dispensary .....		16
Dermatology and Syphilology 4.....	(a) Dispensary Clinic (1st semester).....	17	
	(b) Dispensary .....		20
Surgery 4.....	(a) Dispensary .....		32
	(b) Hospital Clinic.....		68
	(c) Clinical Anatomy (1st semester).....	17	
	(d) Fractures and Dislocations.....	17	
Urology 4.....	(a) Dispensary .....		17
Orthopedics 4.....	(a) Dispensary .....		12
Otorhinolaryngology 4.....	(a) Dispensary .....		8
Ophthalmology 4.....	(a) Dispensary .....		24
Obstetrics and Gynecology 4.....	(a) Dispensary .....		32
	(a) Dispensary .....		36
	(b) Out-Call Deliveries.....		24
Medical Jurisprudence 4.....	(c) Hospital Clinic.....		34
	(First semester) .....	17	
Electives (required).....			52

Total lecture hours, 153; total clinic hours, 873.  
 Total hours of fourth medical year, 1,026.

Handwritten calculation:  
 153  
 873  
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 1026



## Courses of Instruction

In the following departments, courses numbered 1a, b, c, etc., are given in the first medical year; courses numbered 2a, b, c, etc., in the second medical year; courses numbered 3a, b, c, etc., in the third medical year; courses numbered 4a, b, c, etc., in the fourth medical year. Courses numbered 300 carry graduate credit. Roman I indicates courses offered the first semester and II, the second semester.

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### Anatomy

Professors Poynter, *Chairman*, Willard, Latta, *Secretary*; Associate Professor Grodinsky; Assistant Professors R. R. Best, Holyoke; Instructor Garrett; Graduate Assistants.

In this department instruction is given in gross anatomy, histology, organology, embryology, and neurology. The work of the department extends through the first medical year.

All instruction is based on laboratory work carried out under the supervision of the staff. Lectures covering subjects of broad morphological significance are given before the entire class, but for the discussion of details, in conjunction with laboratory work, the class is subdivided into small groups. Every effort is made to correlate the work in gross and microscopic anatomy.

#### 1. Anatomy.—

- (a) GROSS—Dissection of Upper Extremity.—Total 126 hours, second eight weeks. I.
- (b) GROSS—Dissection of Head and Neck.—Total 127 hours. II.
- (c) GROSS—Dissection of Torso.—Total 102 hours. II.
- (d) GROSS—Dissection of Peritoneum and Lower Extremity.—Total 85 hours. II.

The above courses cover dissection of the entire body. This work is carried out in groups of four, each group being assigned a separate room. From time to time table demonstrations and quizzes are required. Through this table teaching the student's proficiency is increased and calibration of individual progress is made possible.

(e) EMBRYOLOGY.—Brief survey of the fundamental facts of vertebrate development and their application to the problem of human morphogenesis and histogenesis. The work on general development is based on the study of the chick and pig; in organology this material is largely supplemented with human tissues. Recitations, lectures, and laboratory. Total 120 hours. I.

(f) MICROSCOPIC—Histology.—Systematic study is made of typical preparations illustrating the microscopic structure of the various fundamental tissues of the body. These are furnished ready for study except in a few cases where fresh and teased preparations are used. Human tissues are largely used, supplemented by other mammalian tissues, especially where characteristic structure is better shown in that form. Lectures, quizzes, and laboratory. Total 88 hours. I.

(g) MICROSCOPIC—Organology.—Application of histological methods to the study of the organ systems of the body. An individual loan collection representing the best obtainable human material is furnished each student. This is supplemented by other mammalian material and a large number of special demonstrations. The blood-forming organs and nervous system including sense organs are included in other courses. Lectures and laboratory. Total 90 hours. II.

(h) MICROSCOPIC—Neurology.—The gross and microscopic anatomy of the nervous system including sense organs. Study is made of the human brain by means of gross dissection; gross and microscopic sections; gross and microscopic study of the eye, and other sense organs by specially prepared demonstrations. Text and lectures aim to integrate the details of laboratory study into functional systems applicable to later physiological and clinical studies. Lectures and laboratory. Total 114 hours. II.

#### Anatomy, Elective.—

300. RESEARCH.—Facilities are available for research on special problems within the field of the department, such work leading to graduate degrees under the rules of the Graduate College of the University.

301. SEMINAR.—Literature reviews and reports of progress of research in the special fields of investigation conducted by graduate students.

## Biochemistry

Professor Morgulis, *Chairman*; Instructor Eppstein; Graduate Assistant

*The aim of the instruction in biochemistry is to acquaint the student with the elementary facts of this science with special reference to their application to the problems of clinical medicine. Much stress is laid on training in the necessary technic and the laboratory work affords the students ample opportunity to learn the theory and practice of various biochemical methods.*

*To further supplement the elementary instruction advanced courses of study are offered to meet the needs of those who desire to extend their study and research in the application of the principles and methods of biochemistry to problems of both clinical and scientific medicine.*

*The courses given in the Department of Biochemistry presuppose preparation in inorganic, in organic, and in analytical chemistry, and are designed: (1) to give fundamental training in physiological chemistry as required in the regular curriculum of the medical student; (2) to afford students, not candidates for the degree of Doctor of Medicine, the means for obtaining the necessary credits for the degrees of Master of Arts and Doctor of Philosophy; (3) to extend the facilities of the laboratory for special work in selected topics to physicians and students independently of the requirements for a degree. All students who are candidates for a degree are expected to attend Course 2, unless the content of this course has been covered in an acceptable manner elsewhere.*

### 2. Biological Chemistry.—

(a) **PHYSICAL CHEMISTRY.**—In this course various physiological and pathological problems are studied from the point of view of the principles of physical chemistry. Total 84 hours. First six weeks; 5 lectures and 9 hours laboratory per week. I.

(b) **BIOLOGICAL CHEMISTRY.**—Biochemistry 2a continued and covering: (a) descriptive biochemistry, dealing with the composition of biological materials; (b) dynamic biochemistry, dealing with the action of enzymes, metabolism, dietetics, urine secretion. Various methods for blood and urine analysis are taken up in the practical work of this course, and metabolism experiments carried out by the students constitute an important feature of the laboratory experience. Total 154 hours. Remaining 11 weeks; 5 lectures and 9 hours laboratory per week. I.

### Biological Chemistry, Elective.—

300. **RESEARCH.**—Subjects for investigation and hours to be arranged individually.

301. **SEMINAR.**—Literature reviews and reports of progress of research in the special fields of investigation conducted by graduate students.

## Dermatology and Syphilology

Professor Tomlinson, *Chairman*; Assistant Professors Cameron, D. J. Wilson

*A thorough foundation in dermatology and syphilology is laid by lectures, quizzes, and demonstrations. At the University Dispensary the students are brought in personal contact with patients whom they observe throughout their entire care under the supervision of the attending physician. A large and carefully selected collection of plates and photographs is available for lantern use.*

**3a. Dermatology.**—Lectures and lantern slide demonstrations covering anatomy, histology, physiology, diagnosis and pathology of the skin. Introductory discussion of some of the more common dermatoses and cutaneous therapy. 1 hour weekly. Total 17 hours. II.

### 4. Dermatology and Syphilology.—

(a) **DISPENSARY CLINIC.**—Lectures and clinics supplementary to Derm. 3, with emphasis placed on the diagnosis and treatment of the more common dermatoses. Demonstration of the various clinical manifestations of syphilis, with discussion of diagnosis and principles of treatment. 1 hour weekly. Total 17 hours. I.

(b) **DISPENSARY.**—Two weekly 2-hour clinics are held at the University Dispensary. Fourth-year students are assigned to these clinics for practical experience in the diagnosis of skin diseases and the treatment of syphilis. 4 hours weekly. Total 20 hours. I, II.

(m) **ELECTIVES.**

## Internal Medicine

Professors Bliss, *Chairman*, J. F. Allen, Conlin, L. T. Hall, Pratt, Skinner, *Emeritus*; Associate Professors F. L. Dunn, Niehaus, W. Thompson; Assistant Professors M. C. Andersen, Bean, Kirk, MacQuiddy, McCarthy, C. W. Mason, Moody, Moser, Rubnitz, C. Q. Thompson; Instructors Beber, G. N. Best, Cloyd, A. M. Greene, Margolin, Nickum, Prichard, Sharpe, Simmons, C. E. Thompson, Wyrens; Assistant Instructors Frandsen, R. G. Lewis, Wright.

### 2. Internal Medicine.—

(a) HISTORY TAKING AND PHYSICAL EXAMINATION.—Examination of the complete body by the use of the special senses and a minimum of apparatus. In the latter part of the course clinical cases are studied. 1 hour lecture, 2 hours demonstration and practice in groups. Total 51 hours. II.

(b) SYMPTOMATOLOGY.—Lecture and quiz course. The essential principles of medicine, the physiology and clinical interpretation of some of the more common symptoms. Two hours weekly. Total 34 hours. II.

### 3. Internal Medicine.—

(a) PHYSICAL DIAGNOSIS.—Presentation of clinical cases from the standpoint of pure observation without the aid of laboratory procedures or mechanical test other than the stethoscope and the blood pressure apparatus with consideration given to the matter of constitutional characteristics of the patient. Total 34 hours. I.

(b) FUNDAMENTALS OF MEDICINE.—This course consists of a series of special lectures on important subjects of medicine, combined with small group quiz sections on textbook assignments. One lecture and two quizzes weekly. Total 102 hours. I, II.

(c) CLINICAL CLERK.—Assignment to clinical cases in the hospital for complete history, physical examination, laboratory tests, progress notes, and presentation at regular staff rounds and clinics. Two groups of 10 students each are assigned to the University Hospital and County Hospital for a period of 9 weeks, 7 hours weekly. Total 63 hours. I, II.

(d) HOSPITAL AND DISPENSARY CLINIC.—Presentation of selected cases to illustrate diagnosis and treatment. 2 hours weekly. Total 68 hours. Optional for second-year medical students. I, II.

(e) THERAPEUTICS.—Emphasizing treatment in internal medicine with clinical demonstrations of the use of drugs and other therapeutic measures. 1 hour weekly. Total 17 hours. II.

### 4. Internal Medicine.—

(a) DISPENSARY.—Regular assignment to dispensary clinic, where senior students are given assignment and responsibility in the diagnosis and treatment of ambulant patients of the type seen in the office. 8 hours weekly. Total 96 hours. I, II.

(b) OUT-CALL.—Fourth-year students are assigned to answer calls requiring a visit to the homes, when the patients are unable to attend the dispensary. Daily supervision is maintained and home visits are made by the attending staff on all difficult or serious cases. 16 hours weekly. Total 128 hours. I, II.

(c) HOSPITAL CLINIC.—Presentation of selected cases from the hospital service. 2 hours weekly. Total 68 hours. I, II.

(e) TROPICAL MEDICINE.—Distribution, etiology, diagnosis, and treatment of such tropical diseases as are of practical importance to American physicians. The endemology and epidemiology of such diseases with the general and special sanitary measures adapted to the prevention, control, and suppression of the same. 1 hour weekly. Total 17 hours. II.

(f) MEDICAL REVIEW.—Review of medicine based upon current literature and systematic presentation of diseases. Reference reading assignments and abstracting of recent articles. 1 hour weekly. Total 17 hours. II.

(g) THERAPEUTICS.—Continuation of Inter.Med. 3e. 1 hour weekly. Total 17 hours. I.

(m) ELECTIVES.

## Medical Jurisprudence

Instructors A. Thomas, Hascall, Spier

**4. Medical Jurisprudence.**—The course in medical jurisprudence has for its purpose the presentation of medico-legal relationships in order that the student may be familiar with that increasingly pertinent phase of professional life and practice. This

course is a comprehensive survey of the medico-legal field and a detailed analysis and study of that science which applies the principles and practice of medicine to the elucidation and settlement of legal questions which arise in every-day professional practice as well as in courts of law.

Physicians' contracts, general medico-legal relations, identity and survivorship, medical legislation, expert testimony, privileged communications, malpractice, and the physician's status on quasi-judicial commissions and boards are some of the subjects discussed. Total 17 hours. I.

## Neuro-Psychiatry

Professor G. A. Young, *Chairman*; Associate Professor Wigton; Assistant Professors A. E. Bennett, R. H. Young.

*The course in nervous and mental diseases which extends throughout the third and fourth medical years aims primarily at giving the student the ability to make a comprehensive neurologic or psychiatric examination of any patient. This is held to be of essential importance and implies a working knowledge of the anatomy and physiology of the nervous system and of the symptoms resulting from pathological conditions affecting the principal centers and tracts. Secondly, through the rich clinical material of the University Hospital and of the psychiatric ward of both the University Hospital and the Douglas County Hospital, it gives ample opportunity for first-hand contact with cases illustrative of the chief types of organic and functional nervous diseases and of the psychoses.*

### 2. Neuro-Psychiatry.—

(a) **PSYCHOLOGY.**—Medical psychology leading directly to psychiatry. 1 hour weekly. Total 17 hours. II.

### 3. Neuro-Psychiatry.—

(b) **PSYCHIATRY.**—Lectures and quiz-lectures on the psychoses and feeble-minded states; etiology, symptomatology, and treatment. Total 17 hours. I.

(c) **NEUROLOGY.**—Lectures and quiz-lectures covering methods of case taking, etiology, pathology, symptomatology, and treatment of the organic and functional nervous diseases. Total 17 hours. II.

(d) **CLINICAL CLERK.**—Cases from the University Hospital and Douglas County Hospital neuro-psychiatric departments are assigned to third-year students for complete case study and presentation before clinics. 6 hours weekly. Total 24 hours. I, II.

### 4. Neuro-Psychiatry.—

(a) **HOSPITAL CLINIC.**—In this clinic, cases of neurologic and psychiatric types are presented for the purpose of demonstrating the main forms of neurologic and psychiatric disorders and to allow a discussion of their treatment and their relations to the field of general medicine. 2 hours weekly. Total 68 hours. I, II.

(b) **DISPENSARY.**—Clinics are held at the dispensary to which fourth-year students are assigned for practical work in the diagnosis and treatment of ambulant patients. A special clinic is held on the subnormal child. 4 hours weekly. Total 16 hours. I, II.

(m) **ELECTIVES.**

## Obstetrics and Gynecology

Professors Sage, *Chairman*, Pollard, *Emeritus*, W. H. Taylor; Assistant Professors McGoogan, *Secretary*, Moon; Instructors R. M. Collins, Findley, Hoffman, W. E. Brown, L. S. Morgan, Stastny, Stearns; Assistant Instructor H. E. Anderson; Clinical Assistants M. J. Clark, Redgwick.

*The instruction in obstetrics and gynecology consists largely of practical demonstrations in the University Hospital, the dispensary, and the out-call service. In these clinics the student is trained in clinical diagnosis and treatment. The University Hospital affords abundant opportunity for the assignment of obstetric cases to members of the third-year medical class under direction. The prenatal clinic at the dispensary provides an excellent opportunity for both third and fourth-year students to learn the proper care of the expectant mother. The out-call or home delivery service is limited to fourth-year medical students under direct supervision of a member of the obstetric staff. Complete written reports of all cases attended are required, and each student must have a record of 12 cases of confinement before graduation.*

**2. Obstetrics and Gynecology.**—

(a) **PHYSIOLOGY OF PREGNANCY.**—Anatomy and physiology of the female genital organs in their relation to normal pregnancy, labor, and the puerperium. Physiology and care of the newborn child. 2 hours weekly. Total 34 hours. II.

**3. Obstetrics and Gynecology.**—

(b) **PATHOLOGY OF PREGNANCY.**—Abnormalities and complications of pregnancy, labor, puerperium, and the newborn child. 2 hours weekly. Total 68 hours. I, II.

(c) **CLINICAL CLERK.**—A third-year student is assigned to each obstetric case entering the University Hospital and is required to follow the progress of labor, assist at delivery, and maintain a complete record until discharge from the hospital. Six such case records are required. As a correlation of maneuvers observed on actual cases in the delivery rooms, 2 hours weekly are used in practice on the manikin. 6 hours weekly. Total 24 hours. I, II.

(d) **GYNECOLOGY.**—Surgical conditions affecting pregnancy and the postpartum period. Lacerations, infections, relaxations, malposition, and tumors affecting the uterus. 1 hour weekly, lecture or clinic. Total 34 hours. I, II.

**4. Obstetrics and Gynecology.**—

(a) **DISPENSARY.**—Fourth-year students are assigned to the dispensary prenatal clinic and the gynecology clinic, where they assist in prenatal care and gynecologic examination and treatment. 10 hours weekly. Total 36 hours. I, II.

(b) **OUT-CALL DELIVERIES.**—Two fourth-year students are assigned to each home delivery. Their work is carefully supervised by a member of the staff, and they are assisted in the home by a competent nurse. Each case is carefully followed during the postnatal period and a final report submitted. Six deliveries are required of each student. Approximate total time 24 hours.

(c) **HOSPITAL CLINIC.**—This course covers pathological conditions arising from or related to the puerperium. Total 34 hours. I, II.

(m) **ELECTIVES.**

**Ophthalmology**

Professor W. H. Stokes, *Chairman*; Associate Professors J. H. Judd, Potter; Assistant Professors Gifford, Rasgorshek; Instructors Morrison, Steinberg.

**3. Ophthalmology.**—

(a) **MEDICAL OPHTHALMOLOGY.**—The didactic course consists of demonstrations and lectures on diseases of the eye, including ocular changes in general diseases. The lectures are illustrated by cases, diagrams, charts and slides. The course is supplemented by textbook work and quizzes. 1 hour weekly. Total 17 hours. II.

(b) **CLINICAL CLERK.**

**4. Ophthalmology.**—

(a) **DISPENSARY.**—Students are regularly assigned to the dispensary clinic for practical experience in the diagnosis and treatment of eye conditions. This course includes a drill in the principal uses of the ophthalmoscope and other instruments employed in the diagnosis of diseases of the eye. 8 hours weekly. Total 32 hours. I, II.

(m) **ELECTIVES.**

**Orthopedic Surgery**

Professor Schrock, *Chairman*; Assistant Professor Johnson; Instructor Hamsa; Clinical Assistant Tipton.

**3. Orthopedic Surgery.**—

(a) **LECTURE CLINIC.**—Disease of bones and joints, synovial membranes and bursae. Congenital, acquired, and disease-producing deformities. Prevention of deformities and dystrophies with principles of treatment. Illustrated by photographs, slides, etc. 1 hour weekly. Total 17 hours. II.

(b) **CLINICAL CLERK.**—Students are assigned to hospital cases for complete history, physical examinations, and progress notes. Total 9 hours. I, II.

**4. Orthopedic Surgery.**—

(a) **DISPENSARY.**—Two weekly 2-hour clinics are held at the dispensary, to which fourth-year students are assigned for practical work in the diagnosis and treatment of orthopedic cases. 4 hours weekly. Total 8 hours. I, II.

**Orthopedic Surgery, Electives.—**

300. RESEARCH.—Work for specially qualified students on problems in special fields of investigation.

301. SEMINAR.—Literature reviews and reports of progress of research in special fields of investigation.

**Otorhinolaryngology**

Professors Wherry, *Chairman*, Callfas, *Emeritus*, Potts, *Emeritus*; Associate Professor C. Rubendall; Assistant Professors Cassidy, J. C. Davis; Instructors Faier, Haney, D. K. Judd, Romonek, H. B. Stokes; Clinical Assistant Heine.

**3. Otorhinolaryngology.—**

(a) DISEASES OF EAR, NOSE, THROAT, AND LARYNX.—Use of head mirror taught in normal conditions. Student familiarized with different appearances of ear drums and conditions underlying them. Common diseases of ear and mastoid. Principles of functional examination of ear. Physiology, general principles of pathology, diagnosis, and treatment of the more frequent diseases of the nose, throat, and larynx. 1 hour weekly. Total 17 hours. II.

(b) CLINICAL CLERK.—Third-year students are assigned to University Hospital cases for complete history, physical examinations, and progress notes. Total 6 hours. I, II.

**4. Otorhinolaryngology.—**

(a) DISPENSARY.—Clinics are held twice weekly at the University Dispensary. Fourth-year students are regularly assigned for practical work in the diagnosis and treatment of ear, nose, and throat diseases. Conferences are held regularly during these hours. 6 hours weekly. Total 24 hours. I, II.

(m) ELECTIVES.

**Pathology and Bacteriology**

Professor Eggers, *Chairman*; Associate Professors M. F. Gunderson, Tollman, Weinberg; Assistant Professors Le Mar, Wyandt; Instructor C. P. Baker; Resident Tanner; Graduate Assistants.

**1. Bacteriology.—**

(a) MEDICAL BACTERIOLOGY.—Lecture and laboratory course on the cultural characteristics, pathogenic properties, etc., of bacteria in general, with special reference to those of importance in disease. Total 176 hours. I.

**2. Pathology.—**

(a) GENERAL PATHOLOGY.—Lecture and laboratory course on the study of general disease processes. It comprises a study of the general principles of pathology; a study of disease processes in detail, in classroom and laboratory. 119 hours laboratory, 85 hours class work. Total 204 hours. II.

**3. Clinical Pathology.—**

(b) CLINICAL PATHOLOGY.—Systemic disease, with emphasis on correlation of pathology and symptoms. Case history method is used, with presentation of gross and microscopic pathology. 9 hours weekly. 51 hours lecture, 102 hours laboratory. Total 153 hours. I.

(c) HOSPITAL LABORATORY.—Regular assignment on clinical clerk service for practical work in laboratory diagnostic tests under supervision. 8 hours weekly. Total 32 hours. I, II.

**3. Public Health.—**

(a) HYGIENE.—The relationship between water, food, air, soil, waste disposal, etc., and the development of disease in both urban and rural conditions. Reports of inspection of industrial and public service plants and methods. Total 34 hours. II.

**4. Pathology.—**

(a) NECROPSIES.—Fourth-year students are assigned to necropsies in succession for study and later presentation to the class. Total 64 hours. I, II.

(b) PUBLIC HEALTH—*Public Health Administration*.—Medical practice in relation to health agencies, social histories, environment and disease, special methods of preventive medicine, as quarantine, immunization, and disinfection. 2 hours weekly. Total 34 hours. I.

**Pathology and Bacteriology, Elective.—**

300. RESEARCH.—Work for specially qualified students, either in advanced laboratory procedure or in special problems.

301. SEMINAR.—Literature reviews and reports of progress of research in the special fields of investigation conducted by graduate students.

**Pediatrics**

Professor J. C. Moore, *Chairman*; Associate Professors Henske, Jahr, *Secretary*; Instructors C. F. Bantin, E. W. Bantin, G. L. Clark, Hancock, G. E. Robertson, Tompkins, Zeman; Clinical Assistant Morrow.

**2. Pediatrics.—**

(a) DISEASES OF NEWBORN.—Growth, development, and diseases of newborn. Lectures and clinic. 1 hour weekly. Total 17 hours. II.

**3. Pediatrics.—**

(b) INFANT FEEDING.—Nutrition and diseases of metabolism in the infant, with special reference to infant feeding. 2 hours weekly. Total 34 hours. I.

(c) COMMUNICABLE DISEASES.—Lectures and quizzes on the communicable diseases with special clinics when cases are available for demonstration. 1 hour weekly. Total 17 hours. II.

(d) CLINICAL CLERK.—Students are assigned to University Hospital cases for complete history, physical and laboratory examinations, with requirement of progress notes and presentation at staff rounds and clinics. 6 hours weekly. Total 24 hours. I, II.

**4. Pediatrics.—**

(a) GENERAL PEDIATRICS.—General course including lectures on: contagious diseases, nutrition, heart, kidney, diagnosis of health, respiratory diseases, behavior disturbances, minor ailments and emergencies, newborn, skin. 1 hour weekly. Total 34 hours. I, II.

(b) DISPENSARY.—Four weekly 2-hour clinics are held at the dispensary to which fourth-year students are assigned for practical work in the diagnosis and treatment of ambulant cases. All children enter the dispensary through the pediatric clinics. Special clinics are held each week with postnatal, preschool, and heart patients. 10 hours weekly. Total 40 hours. I, II.

(m) ELECTIVES.

**Physiology and Pharmacology**

Professors McIntyre, *Chairman*, Guenther, *Emeritus*; Associate Professor A. L. Bennett; Assistant Professor F. L. Dunn; Graduate Assistants.

*The general courses in physiology and pharmacology stress the fundamental principles underlying living processes. The experimental evidence for present theories is examined and the application of these concepts to the study of abnormal physiology and to pharmacology is emphasized. Special instruction is provided in advanced physiology and pharmacology for students seeking higher degrees.*

**2. Physiology and Pharmacology.—**

(a) PHYSIOLOGY GENERAL COURSE.—Muscle and nerve, central nervous system, circulation, digestion, metabolism, and special senses. Lectures, demonstrations, and conferences. Total 85 hours. I.

(b) PHYSIOLOGY LABORATORY COURSE.—Practical course in conjunction with *Physiol. and Pharmacol. 2a*. Total 170 hours. I.

(c) PHYSIOLOGY AND PHARMACOLOGY GENERAL COURSE.—Physiology of the kidney; physiology of the autonomic nervous system; physiology of the action of drugs; endocrinology; the vitamins; and prescription writing. Lectures, demonstrations, and conferences. Total 85 hours. II.

(d) PHYSIOLOGY AND PHARMACOLOGY LABORATORY COURSE.—Practical course in conjunction with *Physiol. and Pharmacol. 2c*. Total 102 hours. II.

**Physiology and Pharmacology, Electives.—**

300. RESEARCH.—By arrangement with the chairman, Associate Professor Bennett, and Assistant Professor Dunn.

301. SEMINAR.—Literature reviews and reports of progress of research in the special fields of investigation conducted by graduate students and research workers and fellows.

## Radiology and Physical Therapy

Professor H. B. Hunt, *Chairman*; Instructor McAvin; Resident Neely; Nurse Anderson.

*The principles of radiology and physical therapy are presented during the second semester of the second medical year and first semester of third medical year by means of lectures, demonstrations, and conferences. The application and clinical correlation of roentgenologic studies are presented during the third medical year in connection with the clinical clerkship. A weekly tumor clinic is conducted in the department by the tumor study group which provides correlation of clinical manifestations, histopathology, and treatment in the case of individual tumor cases assigned to students in the clinical clerk service.*

### 2. Radiology and Physical Therapy.—

(a) PRINCIPLES OF ROENTGENOLOGICAL DIAGNOSIS.—1 hour weekly. Total 17 hours. II.

### 3. Radiology and Physical Therapy.—

(b) PRINCIPLES OF RADIOTHERAPY AND PHYSICAL THERAPY.—1 hour weekly. Total 17 hours. I.

### 4. Radiology and Physical Therapy, Electives.—

300. RESEARCH.—Facilities are available for research in radiobiology and clinical radiology.

301. SEMINAR.—Literature reviews and reports of progress of research in the special fields of investigation.

## Surgery

Professors Keegan, *Chairman*, A. J. Brown, Nilsson, Shearer; Associate Professors R. R. Best, H. H. Davis, Grodinsky, Rich, Waters, Weinberg; Assistant Professors Bisgard, H. F. Johnson; Instructors Bowers, Hanisch, McAvin, McLaughlin, Murray, Quigley.

*The courses in surgery aim to give the student a thorough understanding of the principles of surgical pathology, surgical diagnosis, surgical indications and treatment, and do not attempt, in the undergraduate courses, instruction in major surgical operative technic. Minor surgical technic is taught in the clinical clerk service and dispensary, including numerous practical exercises in surgical asepsis. It is intended that the intern service prepare the student to perform such operations as would come to the practitioner as emergencies or in the course of general work. Preparation for the practice of general surgery requires additional postgraduate work as a resident or assistant in surgery.*

### 3. Surgery.—

(a) FUNDAMENTALS OF SURGERY.—A series of special lectures on important subjects of surgery, supplementary to the text. 2 hours weekly. Total 68 hours. I, II.

(b) CLINICAL CLERK.—Students are assigned to University Hospital cases for complete history, physical and laboratory examinations, with requirement of progress notes and presentation at staff rounds and clinics. 6 hours weekly. Total 24 hours. I, II.

(c) CLINICS.—University Hospital. Presentation of selected cases to illustrate current lectures and textbook assignments. Practical experience in anesthesia and surgical asepsis. 1 hour weekly. Total 34 hours. I, II.

(d) SURGICAL TECHNIC.—Bandaging, dressings, drains, sutures, closure of wounds. Local anesthesia. Total 17 hours. II.

### 4. Surgery.—

(a) DISPENSARY.—Regular assignment to dispensary clinics where students are given practical experience in the diagnosis and treatment of ambulant patients. 8 hours weekly. Total 32 hours. I, II.

(b) HOSPITAL CLINIC.—Presentation of selected hospital cases to illustrate surgical diagnosis, operative indications, and postoperative care. 2 hours weekly. Total 68 hours. I, II.



(c) **CLINICAL ANATOMY.**—Clinical aspects of regional and systemic anatomy by means of lantern slides and lectures. 1 hour weekly. Total 17 hours. I.

(d) **FRACTURES AND DISLOCATIONS.**—Lecture, quiz, and demonstration course on fractures and dislocations. X-ray diagnosis with application of splints and casts. 1 hour weekly. Total 34 hours. I, II.

(m) **ELECTIVES.**

**Surgery, Elective.**—

300. **RESEARCH.**—Work for specially qualified students on problems in special fields of investigation.

301. **SEMINAR.**—Literature reviews and reports of progress of research in special fields of investigation.

## Urology

Professor Edwin Davis, *Chairman*; Assistant Professor Owens; Instructors P. S. Adams, O. W. Martin; Clinical Assistant Distefano.

**3. Urology.**—

(a) **FUNDAMENTALS OF UROLOGY.**—Lectures and clinics on diseases of the urogenital system. 1 hour weekly. Total 17 hours. II.

(b) **CLINICAL CLERK.**—Students are assigned to University Hospital cases for complete case study. Total 6 hours. I, II.

**4. Urology.**—

(a) **DISPENSARY.**—Two clinics are held each week to which students are assigned for practical experience in the diagnosis and treatment of urogenital diseases. 4 hours weekly. Total 12 hours. I, II.

(m) **ELECTIVES.**

## Internship Appointments—1939 Seniors

<i>Name</i>	<i>Home Address</i>
Andrews, Harry Hubbard, B.Sc. in Med. 1939.....	Minden
Swedish Hospital, Seattle, Washington	
Barber, Herbert Gordon, B.Sc. 1935.....	Omaha
University of Nebraska College of Medicine Hospital, Omaha	
Barton, Robert Eli, B.Sc. in Med. 1937.....	Omaha
Southern Pacific Hospital, San Francisco, California	
Beckwith, Harry Spencer, B.Sc. 1939.....	Beatrice
Santa Fe Coast Lines, Los Angeles, California	
Binkley, Edward Lloyd, B.Sc. in Med. 1939.....	Omaha
Presbyterian Hospital, Denver, Colorado	
Black, Eugene Woodrow, B.Sc. in Med. 1939.....	Gering
Provincial Royal Jubilee Hospital, Victoria, British Columbia, Canada	
Blair, James Berl, B.Sc. in Med. 1938.....	Broken Bow
University of Nebraska College of Medicine Hospital, Omaha	
Blair, Ralph Ledwich, B.Sc. in Med. 1938.....	Broken Bow
University of Nebraska College of Medicine Hospital, Omaha	
Brewer, Thomas Wayne, A.B. 1933.....	Lincoln
Jefferson Davis Hospital, Houston, Texas	
Brott, Clarence Raymond, A.B. 1937.....	Jansen
St. Louis City Hospital, St. Louis, Missouri	
Bruce, William Woodward, B.Sc. in Med. 1939.....	Holdrege
Hurley Hospital, Flint, Michigan	
Bucholz, Donald John, A.B. 1935; B.Sc. in Med. 1936; M.A. 1939.....	Omaha
Peter Bent Brigham Hospital, Boston, Massachusetts	
Burr, Neil Maynard, A.B. 1936.....	Guide Rock
University of Nebraska College of Medicine Hospital, Omaha	
Bush, Stuart Kahni.....	Sidney
U. S. Public Health Service, New Orleans, Louisiana	
Cannon, Edward Michau, A.B. 1937; B.Sc. 1937.....	Omaha
Kings County Hospital, Brooklyn, New York	
Carp, Oscar, B.Sc. 1937.....	Omaha
University of Nebraska College of Medicine Hospital, Omaha	
Cimfel, Adolph Bohumil, A.B. 1939.....	Clarkson
St. Vincent's Hospital, Toledo, Ohio	
Corpe, Keith W., A.B. 1935, Southwestern College.....	Fairbury
Emanuel Hospital, Portland, Oregon	
Crellin, Henry Graham, B.Sc. in Med. 1938.....	Lyons
Allegheny General Hospital, Pittsburgh, Pennsylvania	
Davies, Dale Henley, B.Sc. in Med. 1937.....	Fremont
U. S. Public Health Service, Seattle, Washington	
Davies, Louis Tookey, A.B. 1935; B.Sc. in Med. 1936; M.A. 1939.....	Omaha
U. S. Public Health Service, Chicago, Illinois	
Dilworth, Warren Miller, A.B. 1931, Mississippi College; A.M. 1933.....	Omaha
University of Nebraska College of Medicine Hospital, Omaha	
Drake, Ellet Haller, B.Sc. in Med. 1936.....	Lincoln
Henry Ford Hospital, Detroit, Michigan	
Easley, John Hoagland.....	Lincoln
Eloise County Hospital, Eloise, Michigan	
Erbes, John, B.Sc. 1938.....	Bayard
Columbia Hospital, Milwaukee, Wisconsin	
Everett, Marjorie Marie, B.Sc. 1938.....	Scottsbluff
New England Women's and Children's Hospital, Boston, Massachusetts	
Ewing, Ben Edward.....	Madison
Immanuel Hospital, Omaha	
Feusner, Henry Douglas, B.Sc. 1939.....	Bertrand
California Hospital, Los Angeles, California	

<i>Name</i>	<i>Home Address</i>
Freed, Albert Edward, B.Sc. 1937	Omaha
Methodist Hospital, Omaha	
Gass, Charles Craig, B.Sc. in Med. 1938	Kearney
Methodist Hospital, Omaha	
Gilmore, John Edwin, A.B. 1935; B.Sc. 1939	Murray
Royal Jubilee Hospital, Victoria, British Columbia, Canada	
Hankins, Charles Robert, A.B. 1935, Morningside College	Omaha
University of Nebraska College of Medicine Hospital, Omaha	
Harris, Albert Molzahn, B.Sc. in Med. 1937	Omaha
University of Nebraska College of Medicine Hospital, Omaha	
Hawkins, Robert Crossett, II	Butte
Atlantic City Hospital, Atlantic City, New Jersey	
Hoekstra, Clarence Scheie, B.Sc. in Med. 1938	Wood River
Clarkson Hospital, Omaha	
Hollister, Nathaniel Rogers, B.Sc. in Med. 1936	Irvington
Boston City Hospital, Boston, Massachusetts	
Ivins, John Cyrus, B.Sc. 1937	Crawford
Bellevue Hospital, New York City	
Johnson, Wilbur Edward, A.B. 1937; B.Sc. 1938	Valentine
Charity Hospital, New Orleans, Louisiana	
Johnson, William Andrew, B.Sc. in Med. 1937	Omaha
Methodist Hospital, Omaha	
Kimmell, William Frank, B.Sc. in Med. 1938	McCook
Baptist Memorial Hospital, Memphis, Tennessee	
King, Thomas Albro, B.Sc. in Med. 1939	York
Cleveland City Hospital, Cleveland, Ohio	
Krausnick, Keith Frederick	Wau नेता
St. Luke's Hospital, Denver, Colorado	
LaTowsky, Leroy William, B.Sc. in Med. 1936; M.Sc. 1938	Omaha
Philadelphia General Hospital, Philadelphia, Pennsylvania	
Lloyd, Robert Earl	Omaha
California Hospital, Los Angeles, California	
Lotman, Harry Alfred, B.Sc. 1937	Lincoln
Jewish Hospital, St. Louis, Missouri	
Loudon, James Deloss, A.B. 1935; B.Sc. 1938	Omaha
University of Nebraska College of Medicine Hospital, Omaha	
Lovgren, Robert Ellsworth, B.Sc. 1937	Omaha
St. Louis City Hospital, St. Louis, Missouri	
Luckey, Clarence Andrew, B.Sc. 1939	Columbus
Alameda County Hospital, Oakland, California	
Marcy, Deane Sidney, A.B. 1935, Rutgers University	Hay Springs
U. S. Naval Hospital, San Diego, California	
Meeske, John Meier, B.Sc. 1939	West Point
Swedish Hospital, Seattle, Washington	
Melcher, Willis Arthur, B.Sc. in Med. 1939	Omaha
Roper Hospital, Charleston, South Carolina	
Moore, Harlon Emerson, A.B. 1929, York College	Bennet
University of Nebraska College of Medicine Hospital, Omaha	
Musselman, Merle McNeil, B.Sc. in Med. 1937	Omaha
Long Island College Hospital, Brooklyn, New York	
Neibrief, Milton Nelson, B.Sc. 1934, Columbia University	Omaha
Kings County Hospital, Brooklyn, New York	
Patton, John Erwin	Omaha
University of Nebraska College of Medicine Hospital, Omaha	
Rathbun, Sanford Gifford MacArthur, A.B. 1939	Fremont
Lakeside Hospital, Cleveland, Ohio	
Rhea, Mark Richard, B.Sc. 1937	Arlington
U. S. Navy	

<i>Name</i>	<i>Home Address</i>
Schaefers, Richard Henry.....	Omaha
Miami Valley Hospital, Dayton, Ohio	
Schmidt, Rudolph George, B.Sc.in Med. 1939.....	Deshler
Methodist Hospital, Omaha	
Schock, Robert Harry, B.Sc. in Med. 1939.....	Falls City
Fresno County Hospital, Fresno, California	
Sievers, Rudolph Frederick, B.Sc. 1933; Ph.D. 1939.....	Scribner
U. S. Public Health Service, Norfolk, Virginia	
Smith, Mary Katherine, A.B. 1935, Tarkio College.....	North Bend
New York Infirmary for Women and Children, New York City	
Sonderegger, Morris Arthur, B.Sc. 1939.....	Beatrice
Montreal General Hospital, Montreal, Canada	
Strough, LaVern Craig, B.Sc. 1938.....	Beatrice
University of Nebraska College of Medicine Hospital, Omaha	
Sydow, Henry A., B.Sc. 1937.....	Omaha
Methodist Hospital, Omaha	
Warnke, Robert Daniel, B.Sc. 1937.....	Milford
Detroit Receiving Hospital, Detroit, Michigan	
Wickstrom, Jack Kenneth, A.B. 1935.....	Omaha
Charity Hospital, New Orleans, Louisiana	
Wills, Charles Bennett, B.Sc. 1935, University of Wyoming.....	Parco, Wyoming
St. Luke's Hospital, Denver, Colorado	
Wingett, Wendell Thomas, B.Sc. 1937.....	Scottsbluff
U. S. Public Health Service, Seattle, Washington	
Winter, Robert Carl, A.B. 1935, Sioux Falls College.....	Western
Santa Barbara Cottage Hospital, Santa Barbara, California	

## Register of Students—1939-40

## IN OMAHA

## Fourth Medical Year

Ambrust, Walter Alwin George.....	Omaha	Knox, John Frederick.....	Omaha
Ayres, Maurice Joyce.....	Omaha	Logan, William Pierce.....	Omaha
Baker, Wallace Edgar.....	Boise, Idaho	Long, Robert Stanley.....	Grand Island
Barr, Joseph Harold.....	Pawnee City	Loseke, Lucile Elise.....	Columbus
Bonniwell, Charles Mervil.....	Lincoln	Lynn, Vincent Sieber.....	Ohioa
Brenneman, Jacob James.....	Milford	McIllice, Raymond Cronin.....	Lawrence
Brinkman, Herman Henry.....	Omaha	McWhorter, Stuart Johnson.....	Hastings
Brown, Kenneth Winston.....	Fairmont	Mangum, Thomas Emmett.....	Nampa, Ida.
Butler, Norville Lawrence.....	Lincoln	Martin, Gordon Mather.....	Lincoln
Carpenter, Wayne Webster.....	Beatrice	Morgan, Robert James.....	Omaha
Casebeer, Robert Lawrence.....	York	Morton, Cynthia Trammell.....	Omaha
Cerv, Ernest Anthony.....	Gregory, S. Dak.	Mossman, Frank David.....	Omaha
Chait, Sidney A.....	Omaha	Newcomb, Wendell James.....	Spokane, Wash.
Civin, W. Harold.....	Omaha	Nuernberger, Robert Earle.....	Wakefield
Cochran, Robert Morris.....	Lincoln	Nye, Dan Atchison.....	Lincoln
Cook, Alfred Lyman.....	Omaha	Oppen, Ralph Lyle.....	O'Neill
Corkle, Robert Francis.....	Omaha	Panzer, Joseph Clarence Edward.....	Omaha
Cullen, Richard Corbin.....	Lincoln	Pfeiffer, Ralph Burton.....	Hastings
Day, Robert Jerome.....	Omaha	Phillips, Beth Roberta.....	Omaha
Deakin, Thomas William.....	Omaha	Randall, Reginald Clark.....	Pleasanton
Deweese, Wilford Joel.....	Lincoln	Richards, Charles Erskine.....	David City
Eason, Edith.....	North Bend	Rosenbaum, William M.....	Omaha
Farner, John Edgar.....	Stuart	Ruzicka, Lawrence Joe.....	Clarkson
Fishbach, Robert Henry.....	Norfolk	Schonberger, Stanley.....	Omaha
Fuqua, Philip Andrew.....	Hemingford	Shamberg, Alfred Harold.....	Scottsbluff
Gamble, Jess Franklin.....	Fort Omaha	Slaughter, Howard Clarence.....	Norfolk
Glenn, William Vincent.....	Falls City	Slaughter, John Clark.....	Norfolk
Grabow, Henry Chris.....	Omaha	Sommer, Melvin Lawrence.....	Omaha
Haffke, Oscar William.....	Omaha	Sorensen, Clarence Nicholas.....	Bancroft
Hardy, Arthur Boydston.....	Sidney	Spradling, Richard Lee.....	Lincoln
Harvey, Harmon Thomas.....	Lyons	Stewart, Frank Ashbrook.....	Edgar
Heinke, John Paul.....	Nebraska City	Stewart, Hubert Clare.....	Eagle
Heise, Carl Augustus Missouri Valley, Ia.		Stuart, Charles Campbell.....	Omaha
Herrmann, Victor Adam.....	Osceola	Teal, Philip Russel.....	Lincoln
Hillyer, Robert Antoine.....	Lincoln	Townley, Robert Hadley.....	Kenesaw
Holyoke, John Bartlett.....	Omaha	Trumbull, Merlin Lee.....	Omaha
Johnson, Frank Gilbert.....	Randolph	Vesely, Francis Vaclav.....	Bennet
Kantor, Julius Max.....	Cheyenne, Wyo.	Wolf, Clare Coulter.....	Lincoln
Knauff, Harry Alvin.....	Mahaska, Kans.		

## Third Medical Year

Alder, Verne Hugo.....	O'Neill	Friesen, Harold F.....	Henderson
Anderl, Vernon Krueger.....	David City	Goss, Frank Arthur.....	Omaha
Anderson, Leo Eugene.....	York	Gray, William Junior.....	Omaha
Babbitt, Clifford Howard.....	Minatare	Greenslit, Frank Stewart.....	Lincoln
Bach, Stanley Monrad.....	Blair	Gridley, Lawrence James.....	Omaha
Bailey, Nicholas Edward.....	Broken Bow	Hardt, George William.....	Hastings
Barr, Carl Cecil.....	Tilden	Hasty, Robert Charles.....	Omaha
Bartos, Paul Victor.....	Omaha	Hill, Kathryn Dodds.....	Council Bluffs, Ia.
Biglin, Robert Francis.....	O'Neill	Hirschmann, Jerome Herbert.....	Omaha
Blizard, Eldon Charles.....	Aurora	Hollister, William Gray.....	Lincoln
Brown, John Andrew III.....	Washington, Kans.	Holmes, Lee Chader.....	Hordville
Bunting, Louis George.....	Belvidere	Kerr, Harold Harper.....	Akron, Ia.
Chamberlain, Robert Ward.....	Grand Island	Koutsy, Joseph John.....	Gretna
Chism, Carl Eugene.....	Valparaiso	Krieg, Jacob Jr.....	Henry
Copsey, Harvey Gayle.....	Broken Bow	Lierman, Clifford Earl.....	Curtis
Crook, Guy Harman.....	Falls City	Lightbody, Kenneth A.....	Crete
Drew, Roger Trafton.....	Lincoln	McFee, John Lewis.....	Chappell
Eagle, Frank Lewis.....	Fremont	McGinnis, Kenneth Tidyman.....	Ord
Embick, James Franklin.....	Laurel	Marsh, Charles Lafayette.....	Valley
Finley, Robert Halbert.....	Omaha	Matson, Guy Melvin Jr.....	Omaha
Flebbe, Richard Arthur.....	North Platte	Merselis, Harold Kenneth.....	North Bend
		Morris, Robert Earl.....	Fremont

Nelson, Alvin Thomas.....	Hyattsville, Wyo.	Staley, Sanford Orville.....	Stromsburg
Novak, Joseph John.....	Howells	Stoll, Edward Manning.....	Lincoln
Nutzman, William Edwin.....	Hastings	Stoltz, Charles Rodney.....	Ord
Peck, Willard Raymond.....	Omaha	Stowe, Harold Robert.....	Council Bluffs, Ia.
Penry, Richard Earl.....	Belgrade	Surber, Robert George.....	Norfolk
Perelman, Harry.....	Omaha	Swenson, Samuel August.....	Wausa
Peterson, Paul Leland.....	Geneva	Taylor, Willis Heacock.....	Omaha
Pilling, Matt A.....	Omaha	Venner, Robert Browning.....	Hastings
Potter, Stanley Ernest.....	Omaha	Voyles, Glenn Quintin.....	Omaha
Purvis, Donald Frederick.....	Fullerton	Wagner, Carruth John.....	Omaha
Redfern, William Earl.....	Marion	Wendland, John Prentice.....	Omaha
Reiner, Walter M.....	Omaha	White, Charles Marvin.....	Sutherland
Reuben, Ronald.....	Omaha	Wiley, Clare Cottrell.....	Imperial
Scott, Nathan Charles.....	Omaha	Willson, Julius Langson.....	Omaha
Sender, Vance Edward.....	Omaha	Wilson, John Maurice.....	Omaha
Shepard, Robert Deems.....	Nebraska City	Wilt, Burton Sinclair.....	Omaha
Shirey, Paul Francis.....	Lincoln	Wright, Glenn Randolph.....	Lincoln

## Second Medical Year

Adler, Ethel Irene.....	Omaha	Kuhlmann, Lawrence Bernard.....	Omaha
Altman, Richard Fortune.....	Omaha	Lammel, Harry George.....	Plymouth
Anderson, Gustave Theodore.....	.....	Lauridsen, James.....	Callaway
.....	North Platte	Link, Vance Eugene.....	Eustis
Ashby, Charles Ferg.....	Fairmont	May, Ivan Albert.....	Crete
Baer, James.....	Omaha	Meier, Duane Alva.....	Lincoln
Bellamy, Donald Fordyce.....	Cambridge	Murdoch, James William.....	Lincoln
Bennett, Maxine.....	Cambridge	Myrabo, Arnold Kenneth.....	Canton, S. Dak.
Bennett, Wilbur Keith.....	Omaha	Nelson, John Cassius.....	Omaha
Bolker, Norman.....	Omaha	Overmiller, Wilbur.....	York
Bradshaw, Robert Bruce.....	Omaha	Paul, James Richard.....	Lincoln
Brendel, Richard Fredrick.....	Murray	Paulson, Hubert Oscar.....	Lincoln
Bushman, Louis Bernard.....	Omaha	Pederson, Earl Stanley.....	Omaha
Carr, Rex Nele.....	Lincoln	Penner, Donald Henry.....	Beatrice
Coe, Loyd William.....	Wakefield	Peter, Frank John.....	Turlock, Calif.
Conry, Erwin Leroy.....	Omaha	Place, George Edgar.....	Lincoln
Cowlshaw, Howard C.....	Kemmerer, Wyo.	Proffitt, Jonas Alfred.....	Hastings
Cullen, George Junior.....	Lincoln	Prouty, Margaret Jo.....	Lincoln
Davidson, Thomas Hayes.....	Casper, Wyo.	Redfield, John Josiah.....	North Platte
Drown, Roger Ernest.....	Seward	Rider, Harmon Elliott.....	Lincoln
Dyhrberg, Norman Edward.....	.....	Schilke, Elliott William.....	Daykin
.....	Cumberland Center, Me.	Schufeldt, Dean.....	Hyannis
Filley, Vernon Warner.....	Lincoln	Scott, Paul Milton.....	Cozad
Garner, Fay Lorenzo.....	Seward	Skokan, William.....	Verdigre
Gogela, Louis James.....	Omaha	Smith, Edward Joseph.....	Omaha
Griess, Donald Ferdinand.....	Lincoln	Spar, Arthur Aaron.....	Omaha
Hansen, Hodson Arthur.....	Minden	Sprague, Lavern Donahue.....	Chadron
Hansen, Theodore Marcus.....	Blair	Stanfield, Clyde Everett.....	Cheyenne, Wyo.
Harb, Fred Junior.....	Omaha	Stappenbeck, Richard Fredrick.....	Brock
Harvey, Alexander Thom.....	Fremont	Stuart, Robert Leo.....	Lexington
Hawkins, Fred Bowen.....	Butte	Tatelman, Maurice.....	Omaha
Hildebrand, Carl Herbert.....	Omaha	Taylor, Edwin Lawrence.....	York
Hildebrand, Howard Hadden.....	York	Thompson, Lynn Wirt.....	Omaha
Hornberger, Evans Zack.....	Omaha	Tyner, George Junior.....	Omaha
Johnson, George Nick.....	Omaha	Van Ackeren, Eugene George.....	.....
Johnson, Richard Moltzen.....	.....	.....	Cedar Rapids
.....	Santa Cruz, Calif.	Williams, Norman Leslie.....	Chicago, Ill.
Jones, Harold William.....	Ponca		

## First Medical Year

Adams, Burnell Howard.....	Nehawka	Brush, John Hobart.....	Norfolk
Ainlay, George William.....	Fairbury	Byers, Robert Charles.....	Fremont
Anderson, James Burns.....	Lincoln	Carey, Blaine Peter.....	Nebraska City
Bach, Sven.....	Blair	Carns, John Warner.....	Omaha
Bell, Gordon Dale.....	Hastings	Carroll, Richard William.....	Omaha
Billerbeck, Henry Joseph.....	Crofton	Cashen, Russell Malachi.....	Lincoln
Bivens, William Samuel.....	Omaha	Cowgill, Donna Coleen.....	Clarks
Brewster, Donald Eugene.....	Holdrege	Dahlstet, John Paul.....	Bertrand
Brolsma, Marion Porter.....	Lincoln	Eastham, Gerald M.....	Ashland

Ebmeier, Ray	Laurel	McGee, Millard Blair	Omaha
Ellingwood, Norma Taylor	Omaha	McGirr, John Irwin	Beatrice
Elliott, Thomas Spencer	Kearney	McMillan, John A.	Hastings
Feehan, John J. Jr.	Clarks	Markle, John George	Ithaca
Fenstermacher, Robert C.	Sargent	Mattson, Harold Andrew	Kearney
Frank, Carl Laughlin	Ashland	Miller, Glenn Forest	Lincoln
Frank, Muriel	Omaha	Moessner, Samuel Fredrick	Lincoln
Freed, Charles Roger	Omaha	Monovitz, Albert William	Omaha
Frey, Mano William	Pierce	Morris, William Elbert	Omaha
Friesen, Arnold	Bradshaw	Mutz, Austin Edward	Lincoln
Gilbert, Louis William	Beatrice	Nebe, Frederick Martin	Lincoln
Glenn, Elmer Erwin	Alda	Neil, Stanley Roy	Cozad
Goldner, Joseph Leonard	Omaha	Nelson, Wallace Warner	Albion
Goss, Carrol Wilson	Brinswick	Neville, William Evans	Fairbury
Haggar, David Kalil Sioux Falls, S. Dak.		Newton, Lourane	Hollinger
Hall, Robert Wade	Omaha	Panter, Edward George	Hebron
Hamel, John Kenneth	Tecumseh	Paris, Sterling	Omaha
Hermann, Harland Thomas	Lincoln	Petersen, Donald Martin	Hampton
Hobbs, Robert Andrews	Omaha	Peterson, Stanley	Lincoln
Holland, Robert Ellsworth	Lincoln	Reimers, Arthur Francis	Lincoln
Horak, Oliver	Dodge	Reimers, Wilbur Louis	Big Springs
Hranac, Charles	Geneva	Rice, Donald Thomas	Lincoln
Johnson, Myron Clinton	Valparaiso	Robb, John Alton	Lincoln
Jones, Robert Glenn	Bridgeport	Roeser, Erwin von Heldt	Grand Island
King, Ray Ernest	Omaha	Ryan, Richard Norman	Lincoln
Koefoot, Theodore Henry	Broken Bow	Salyards, John William	Omaha
Kubitschek, John Douglas	Atkinson	Smiley, Richard Hathaway	Lincoln
Lake, Max Sanborn	Lincoln	Smith, Richard Dale	Omaha
Lamb, Kenneth Bengier	Callaway	Squires, Robert Sigel	Wilcox
Lavender, Jack Gould	Omaha	Stone, Frank Paschal	North Platte
Lawton, Richard Leroy	Omaha	Synovec, Emil	Pierce
Lehmer, Robert A.	Omaha	Taylor, Bowen Eacritt	Lincoln
Leonard, Patrick Robert	Anselmo	Thomas, Richard Louis	Hebron
Lewis, Warren Chancellor	Lincoln	Troia, Charles Sebastian	Omaha
Lind, Merle Clarence	North Bend	Weare, Clifford Simpson	Stamford
Lindquist, Kenneth Eugene	Broadwater	Wiley, Stuart Paul	Imperial
Lytton, George	Fairbury	Wisner, Harry Joseph Jr.	Scottsbluff
McClanahan, Frank	Assiut, Egypt	Wittmann, Richard Casper	Lincoln
McCulloch, Charles Schindel	Omaha	Wurtz, Reginald Matt	Hartington

#### Graduate Students

Burke, John Charlie	Omaha	Kennedy, John Charles	Omaha
Clark, Jean	Chappell	Otto, Claude Wilbur	Aurora
Dornberger, George Raymond	Omaha	Schmela, Woodrow Warner	Omaha
Imes, Loren Edwin	Cozad	Wagner, Jacob C.	Minatare

#### IN LINCOLN

##### Fourth Premedical Year

Balding, Willard Vare	Rutland, Ill.	O'Connor, John William	Kearney
Blome, Eldo Carl	Dalton	Penner, Elmer Louis	Beatrice
Brodrick, Ronald Faris	Fairfield	Pfeifer, LaVerne Frank	Lincoln
Burklund, Charles Wilhelm	Sutherland	Pillsbury, Charles Harrison	Fort Crook
Case, Robert Woodrow	Cambridge	Pillsbury, Robert Dudley	Fort Crook
Cattle, John Weed	Seward	Pitcaithley, Harry Weller	Lincoln
Fleetwood, Robert Leonard	Lincoln	Raines, Max McCoy	Weeping Water
Folsom, John David	Lincoln	Rankin, Emmett Clair	York
Gibson, LaVerne Evelyn	Weeping Water	Raser, Jesse Wade	Gering
Gustafson, Otto Clarence	Axtell	Reichstadt, Robert	Omaha
Haller, Theodore Howes	Blair	Scofield, John Howard Jr.	Lincoln
Harrison, William Henry	Omaha	Smalldon, Ted R.	Omaha
Haworth, John Embree	Aurora	Steenburg, Edmund Arthur	Aurora
Leask, William Harrison	Fairbury	Therien, Robert Charles	Lincoln
Linn, Richard Harry	Lincoln	Welton, Theodore Merton	Sioux City, Ia.
Meyer, Leslie Carl	Milford	Wilson, Kenneth Lester	Omaha

## Third Premedical Year

Aarni, William Howard	Lead, S. Dak.	McMurtrey, George Boone	Cody
Alcorn, Edith Marie	Lincoln	Malster, Maurine	Aurora
Alley, James Wilson	Lincoln	Maxwell, Paul	Lincoln
Anderson, Harlan Burnell	Fullerton	Meinberg, George Oscar	Seward
Anderson, Harvey Chris	Wolbach	Merrick, Robert Bruce	Alliance
Ashworth, Allen Arthur	Lincoln	Miller, Oscar Warren	Rushville
Baker, John Cornelius	Cortland	Miller, Richard Kewenige	Kimball
Baum, Alfred	Culbertson	Milligan, Gordon Charles	McCook
Beck, Joseph Delmar	West Point	Mohler, Charles Irving Jr.	Humacao, P. R.
Beckord, Lawrence Doyle	Utica	Murphy, Ferris Aileen	Lincoln
Bell, Ned Emmons	York	Murphy, Jack Francis	Parsons, Kans.
Brandhorst, Carl Theodore	Seward	Neligh, Gordon Leigh Jr.	Grand Island
Burney, Dwight W.	Hartington	Neu, Richard Patrick	Lincoln
Byers, Julian Charles	Walthill	Nitz, Charles Joey	West Point
Campbell, Stuart Douglas	Norfolk	Olson, Donald John	Lincoln
Carlson, Raymond Elmer	Omaha	Ousley, Carl Andrews	Omaha
Case, Esther Bender	Lincoln	Peltier, Leonard Francis	Lincoln
Curtis, Keith Lyle	Royal	Peterson, Harold Raymond	Red Cloud
Delfs, Richard Carl	Shickley	Phelps, Elbert Taylor	Omaha
Ehernberger, Rose Anna	Schuyler	Platt, Otis Boyes	North Platte
Emerson, Warren Stanley	Neligh	Protzman, Frank Wilmeth	Lincoln
Emery, Ember	Lincoln	Remington, Frederick Kent	Lincoln
Essam, Duane Ray	Beatrice	Rubino, Frank James	Lincoln
Evans, Robert Van	Lincoln	Schulz, Donald Paul	York
Fleming, Edward Francis	St. Paul	Sheldon, Keith Walker	Scottsbluff
French, Ivan Merwyn	O'Neill	Smith, Hilma Irene	Clatonia
Gabarron, Gines Anthony	Lincoln	Smith, Roy James	Albion
Gostas, George Andrew	Grand Island	Stemper, Jack Michael	Lincoln
Griffith, Paul Condon	Omaha	Swan, Norris Volk	Kearney
Heiser, Ervin Nicholas	Lincoln	Teich, Kenneth William	Columbus
Heller, Philip Henri	Lincoln	Townley, Frank Newcomer	Kenesaw
Herpolsheimer, Robert William	Seward	Truhlsen, Stanley Marshall	Herman
Hinrichs, William Alden	Aurora	Tunberg, Clarence Lee	Lincoln
Jessen, Albert Vern	Central City	Tyner, Donald Stanley	Liberty
Johnson, William B.	Indianapolis, Ind.	Vincent, Jack Fredrick	O'Neill
Jorgensen, Orlin Harry	Ames	Wagner, William Franklyn	Omaha
Kampfe, Paul Menhardt	Gothenburg	Wahl, John William	Lincoln
King, Fred Ervin	Lincoln	Wickman, Kathleen Ruth	Guide Rock
Kreps, Dale Andrew	Lincoln	Wildhaber, Joseph Berry	Fairbury
Kuehn, Gerald August	Fullerton	Windle, Robert Joe	Salem
Larson, George Eugene	Lyman	Wittstruck, Kenneth Paul	Lincoln
McFadden, Harry Webber	Sioux Falls, S. Dak.	Worden, Ralph Edwin	Alliance
McLeod, Robert William	Hot Springs, S. Dak.	Wyrens, Donald Edward	Scottsbluff

## Second Premedical Year

Adams, Robert Eugene	Lincoln	Christie, David Parker	Omaha
Adamson, John Anton	Butte	Conn, Fletcher Farley	Bancroft
Anderson, Thorwald Robert North	Platte	Coppoc, Loran Earl	Seward
Baltensperger, Dwight Done	Bushnell	Crellin, Ambrose	Lyons
Baskins, Charles William	North Platte	Crouse, Murray Humiston	Osceola
Beckwith, Richard	Central City	Cutshall, Vernon Hayes	Lincoln
Beede, Charles Granville	Lincoln	Ekat, Paul Ivan	Wymore
Beethe, Raymond Carl	Lincoln	Engdahl, Wallace Edward	Omaha
Bertelson, Thordis Maxine	Missouri Valley, Ia.	Forbes, Jeanne Frances	Dakota City
Beshore, David Lloyd	Kearney	Gauchat, August Charles	Brock
Bonham, Shirley Mae	Table Rock	Getscher, Phillip Ellsworth	Omaha
Bosley, Warren Guy	Palisade	Green, Norman Ellis	Norfolk
Brakel, Frank James Jr.	Callaway	Greene, Elva Gertrude	Broken Bow
Bstandig, Frederick William	Burchard	Griswold, Patricia Ellen	Lincoln
Bugbee, Robert Wendell	Steele City	Hokom, Lester Henry	Ong
Camp, Ray Junior	Aurora	Ihrle, LeRoy Cole	Lincoln
Carothers, John Warren	Lincoln	Jahde, Willis Emil	Albion
Chappell, Elliott Rae	Minden	Johnson, Verner Stanley	Millbury, Mass.
		Jones, Helen Gertrude	Harrisonville, N. J.



Jurgensen, Clinton Christian.....	Lincoln	Pierce, Edwin Francis.....	Lincoln
.....	Julesburg, Colo.	Root, Charles Morton.....	Oakland
Knox, Arthur Emanuel Hertzler McCook	Hyannis	Roper, Charles Edwin Edgemont, S. Dak.	Lincoln
Kokjer, Madsen Cobb.....	Hyannis	Rumbolz, William Leonard.....	Lincoln
Kuppinger, John Caniff.....	Omaha	Sandusky, William Emmet.....	Seward
Lindquist, Lyle Forrest.....	Lincoln	Selzer, James Milton.....	Scottsbluff
Liston, Howard Edson.....	Elmwood	Shev, Elmer Edward.....	Lincoln
Loibl, Fred Junior.....	Mitchell	Skovgaard, Russell Lawrence.....	Omaha
Loisel, John Simon.....	Norfolk	Smith, Richard Draper.....	Lincoln
Ludwick, Robert Warring.....	Lincoln	Smith, Robert Wirth.....	Lincoln
Malster, Clara.....	Aurora	Steckelberg, William Henry.....	Stanton
Mann, Arlene Marjorie.....	Lincoln	Vrtiska, Frank Leonard.....	Pawnee City
Mann, Katherine Mildred.....	Boelus	Wachtel, Sidney Robert New York, N. Y.	Lincoln
Mansour, James.....	Lincoln	Walter, Floyd John.....	Chambers
Marvin, Betty Jane.....	Lincoln	Walvoord, Carl Arthur.....	Holland
Mauck, Nancy Alice.....	Lincoln	Way, Annelle Maurine.....	Lincoln
Miller, Edwin Lee.....	Atlanta	Wessels, Alvin Walter.....	Otoe
Moravec, Daniel Francis.....	St. Paul	White, Donald Edward.....	Lincoln
Mull, Edna Marjorie.....	Hastings	Wiedman, Jack Gunsaul.....	Lincoln
Nieman, Marian Emma.....	Lincoln	Wilmeth, Jeanne.....	Lincoln
Nilsson, Donald Charles.....	Omaha	Wilson, Lyle Everett.....	Lincoln
Nozicka, Charles Richard.....	Spencer	Winter, Lewis Stuart Jr.....	Western
Nye, Robert Millard.....	Lincoln	Wisner, Scott B.....	North Platte
Obbink, Jack Dewitt.....	Lincoln	Wright, Leslie Ira.....	Lincoln
O'Connor, Geraldine Louise.....	Lincoln	Yates, Dean Delos.....	Lincoln
Olson, Leland J.....	Palmyra	Young, Earnest James.....	Marsland
Pazen, Arthur John New Britain, Conn.	Hampton	Younger, Jesse.....	New York, N. Y.
Petersen, Carole Langley.....	Hampton	Zajicek, Eugene Clarence.....	Wilber

#### First Premedical Year

Alfaro, Arsenio.....	Isabela, P. R.	Gerdes, Arlene.....	Lincoln
Arpke, Charles Kenneth.....	Beatrice	Graham, William Ernest.....	Lincoln
Ashton, Clark.....	Omaha	Grosbach, Wauneta Maxine.....	Enders
Austin, Arthur Thomas.....	Newman Grove	Hall, Betty Jo.....	Danabrog
Barnett, Annette Frances.....	Lincoln	Hansen, Karl Bruno.....	Tilden
Barthule, Carl.....	Lincoln	Heffley, Norma Ruth.....	Lincoln
Bell, James Dennis.....	York	Holbrook, Pauline Virginia.....	Lincoln
Bierbower, Margaret Eileen.....	Giltner	Horner, George Marlin.....	Ainsworth
Blair, Berl Warner.....	Broken Bow	Hubbard, Theodore Franklin.....	Columbus
Bleicher, Jerry Edward.....	Omaha	Huffman, William Brooks.....	Elgin
Bohnenblust, Walter Ray.....	Lincoln	Jackman, Herbert Saul.....	Louisville
Boyden, Henry Blakeslee.....	Grand Island	Jacobsen, Lois Ann.....	Danabrog
Briggs, Naomi Myrtle.....	Walthill	James, Everett LeRoy.....	Lincoln
Brockhoff, William Clifford.....	Seward	Johnson, Alma Emelyn.....	Hemingford
Brooks, Joseph Benson.....	Lincoln	Johnson, Walter Leland.....	Lincoln
Brown, Edna Frances.....	Louisville	Keast, Robert William.....	Fremont
Brown, Lillian Mary.....	Lincoln	Kersenbrock, Jacques Clayton.....	O'Neill
Bryngelson, Jared Leigh.....	Pender	Kline, Nat Dan.....	Madison
Burchess, Eugene Way.....	Hastings	Kopac, Tracy May.....	Alliance
Bursik, Mary Blanche.....	Ravenna	Kreischer, Robert Charles.....	Lincoln
Carr, John Augustus.....	Omaha	Kreuscher, Verna Jean.....	Lincoln
Chadek, Leonard James.....	Omaha	Lambert, Clifton Frank.....	Lincoln
Chastain, Jack Osa.....	Lincoln	Lanspa, Norman Wilfred.....	David City
Crouse, Anna Belle.....	York	Larson, Alfred Raymond.....	Lincoln
DeBusk, Jack Samuel.....	Endicott	Lauby, Vincent William.....	Bridgeport
Deines, Margaret Elizabeth.....	Lincoln	Law, William Leonard.....	Dunbar
Demmon, Maurice Romeyn.....	Norfolk	Lebo, Elmer Andrew.....	Lincoln
Deyke, LaVerne Frederick.....	Lincoln	Lichtenberg, Donald Leon.....	Venango
Ditzler, David Dean.....	Douglas, Wyo.	Liggett, George Jr.....	Utica
Douglas, Robert Eugene.....	Lincoln	Locke, Fern Olive.....	Crab Orchard
Douglas, Robert Norton.....	Cozad	Lovelady, James.....	Sidney, Ia.
Douvas, Nicholas George.....	Hastings	Lowden, Deloris Elaine.....	Waverly
Dowell, William Fredrick.....	Lincoln	McDonald, Maurice Irvin.....	Murdock
Everts, Patricia Ann.....	Lincoln	McQuillan, William Michael.....	Lincoln
Fastabend, Theodore Christopher Lincoln	Lincoln	Maser, George Andrew.....	Lincoln
Flood, Francis Robert.....	Taunton, Mass.	Mason, Marjorie Lucile.....	Aurora
Ford, Jack Daniel.....	Lincoln	Mease, Willis Eugene.....	Broken Bow
Fouts, Marjorie Marilyn.....	Seward	Mertz, Max Albert.....	Lincoln

Meyer, Milton William.....	Lincoln	Rundquist, Russell Brian.....	Newman Grove
Miller, Kenneth Byron.....	Lincoln	Schneckloth, Roland Edmunds.....	Lincoln
Miller, Leo Eugene.....	Genoa	Schwartz, William Tanney.....	Casper, Wyo.
Minnick, Roy Logan.....	Stromsburg	Shaw, Susan Pratt.....	David City
Moell, Lyman Dwight.....	Lincoln	Shepherd, William Arthur.....	Rulo
Mohler, Helen Mae.....	Lincoln	Shire, Jane Elise.....	Lincoln
Monsour, Karem John.....	Lincoln	Smith, Sara Anna.....	Omaha
Mullikin, Gerald G.....	Twin Falls, Idaho	Splichal, Richard LeRoy.....	Valentine
Murphy, Charles Joseph.....	South Sioux City	Stith, Verona Arline.....	Brule
Murray, Georgia Mary Ellen.....	Lead, S. Dak.	Umberger, Betty Rose.....	Lincoln
Nagata, George Masayuki.....	Worland, Wyo.	VanHorn, Thomas John.....	Lincoln
Neiswanger, Carroll Gale.....	Broken Bow	Weesner, James Edward.....	Red Cloud
Olson, Mabel Ardell.....	Axtell	Weichel, Dorothy.....	Lincoln
Osborn, Harold.....	Lincoln	Weiler, Francis Benedict.....	Lincoln
Paine, Frederic Olney.....	Lincoln	Welch, John Stanley.....	Lincoln
Philp, Miles Whitney.....	Lincoln	Wilson, Richard Barr.....	Lincoln
Raasch, Richard Fredric.....	Broken Bow	Witham, Ray Gardner.....	Chappell
Rausch, Robert John.....	Lincoln	Wittenberger, Herbert Walker.....	Carleton
Ring, Floyd Orville.....	Lincoln	Wood, Robert Wayne.....	Burwell
Rodman, Hubert Harmer.....	Louisville	Yanike, Eileen Frances.....	Bellwood
Romberg, Paul Fredrick.....	Lincoln	Yoachim, William Peter Jr.....	Fairbury

## TRAINING COURSE FOR X-RAY TECHNICIANS

HOWARD B. HUNT, M.A., M.D.

*Professor of Radiology and Physical Therapy*

**Organization.**—The course for x-ray technicians has been established by authority of The Board of Regents in connection with the Department of Radiology, College of Medicine. It has been accredited by the American Registry of X-Ray Technicians conducted by the Radiological Society of North America.

The American Registry of X-Ray Technicians conducts examinations for candidates who shall have had acceptable training and a total of at least two years' experience in radiological work, including the student year. Students who have satisfactorily completed the course of training in x-ray technic at the University of Nebraska College of Medicine and have had a second year of experience in an accepted department of radiology are accepted for examination. A certificate in x-ray technic is issued upon successful completion of the examination of the American Registry of X-Ray Technicians.

**Facilities for Instruction.**—Ample opportunity for experience in making of roentgenograms or x-ray films of patients is provided. During a period of 12 months about 4,500 radiographic examinations are made in the Department of Radiology for the University Hospital and Dispensary of the University of Nebraska College of Medicine. All types and positions of x-ray examinations are used in the department, including roentgenkymography of the heart, encephalography of the brain, cholangiography of the gall-bladder and bile ducts, mammography of the breast, as well as the more common studies such as cholecystography of the gall-bladder, urography of the kidneys and bladder, bronchography of the lungs, and examination of the stomach and intestines after administration of barium sulfate and other contrast media. The radiographic work is supervised by the radiologist and is directly in charge of a registered technician. Facilities are provided for deep x-ray therapy and radium therapy with adequate protection of all workers against exposure to radiation. About 2,000 x-ray treatments and 100 radium treatments are given in the department during 12 months. The library of the College of Medicine is maintained in the hospital. Thirty-eight thousand cataloged books and 320 current periodicals are available for study and for keeping in touch with current work in the field of x-ray diagnosis.

**Requirements for Admission.**—An applicant for admission to the course in x-ray technic shall be between 21 and 35 years of age and must be graduated from an accredited high school or other approved preparatory school. Records must be submitted covering the content and grades received in the preparatory studies. It is recommended that the preparatory work include English, Latin, physics, zoology, typing, shorthand, and secretarial work, although applicants are considered who do not present credits in all of these subjects. At least one year of collegiate study including English, physics, zoology, typing, shorthand, and secretarial work is recommended. Preference is given to applicants who are graduate nurses. Applicants must be in good health with no disabilities. The application should be accompanied by a photograph and the names of two people from whom references can be obtained. Admission is allowed in January and July. Only two students can be accepted annually.

Applications should be sent to the Chairman of the Department of Radiology, University of Nebraska College of Medicine, 42nd and Dewey Avenue, Omaha, Nebraska. Application forms will be provided upon request.

**Fees and Expenses.**—There is a registration fee of \$1, payable on entrance. Four dollars per year for the student health service is payable on admission. A tuition fee of \$75 per year is charged and a minimum nonresident fee of \$25 per semester for students enrolling from other states. Students must maintain themselves and provide their own uniforms. The cost of textbooks is about \$15. Board may be obtained for \$6 a week in the vicinity of the hospital and rooms for \$2.50 to \$4 a week. Second-year student appointments are frequently made available which provide maintenance and a small monthly stipend.

**Curriculum.**—The course of study covers a period of one year. Students are accepted on a probationary basis during the first month. Students are in class or on duty in the Department of Radiology from 8 a.m. until 5 p.m. with a free hour for lunch. Students are not on duty during Saturday afternoon or Sunday. A vacation of two weeks is allowed at the Christmas holiday or in the summer. Immunization against diphtheria, typhoid fever, and smallpox is advised.

**Plan of Instruction.**—The course of training for students of x-ray technic consists primarily of an apprenticeship and demonstrations under the technician and of conferences with the radiologist. The instruction in related fields is given in conjunction with the School of Nursing consisting of instruction in anatomy, pathology, radiology and physical therapy, principles of general medicine, general surgery, gynecology, orthopedics, urology, and oral surgery. The apprenticeship comprises 90 per cent of the period of training. The student works with the technician in the making of all types of x-ray studies. Gradually increasing independent responsibilities are given over to the student as experience increases. The student must become familiar with transcription of the reports of the radiologist covering the x-ray studies of roentgenograms made of patients and his reports on patients treated with x-ray and radium. In case the student is unfamiliar with the operation of a typewriter, additional courses must be taken at night school during the period of training.

The following formal courses are required of students in x-ray technic. These courses are provided through the courtesy of the School of Nursing by the College of Medicine.

(1) **ANATOMY.**—Lectures, class recitations, demonstrations, and laboratory work dealing with the structure of the human body. Preserved specimens and fresh animal specimens are used for study. 72 hours.

(2) **ELEMENTARY PATHOLOGY.**—Causes and general features of disease and disease processes. 30 hours.

(3) **MEDICINE.**—Lectures and clinics dealing with the causes, symptoms, course, treatment, complications, convalescence, and prevention of medical diseases. 36 hours.

(4) **SURGERY.**—Lectures and clinics designed to give the student a practical understanding of the causes, symptoms, and treatment of surgical diseases and to stress the importance of early recognition and methods of prevention of these diseases. 24 hours.

(5) **GYNECOLOGY.**—Anatomy and physiology of the female pelvic organs; the pathology of the pelvis; the symptoms and treatment of

gynecological diseases; complications, the care of patients before and after operation. Lectures and clinics. 10 hours.

(6) **ORTHOPEDICS.**—Lectures, classes, and demonstrations dealing with the causes, prevention, and mechanical and operative treatment and nursing care of diseases of the bones and joints and bony deformities. Demonstration of braces, splints, frames, and other appliances. 18 hours.

(7) **UROLOGY.**—Lectures dealing with the principal diseases of the genito-urinary tract. 4 hours.

(8) **ORAL SURGERY.**—Brief consideration of the malformations of the oral cavity and of the methods of treating them. Lectures and demonstrations.

(9) **PHYSICAL THERAPY.**—The basic principles and theory governing the use of physical agents, such as the electrical currents, high frequency currents, therapeutic exercises, ultraviolet, roentgen and radium therapy, are discussed in a series of lectures and demonstrations. 12 hours.

**Opportunities.**—There is a moderate demand for well-qualified technicians. These opportunities are primarily in the departments of radiology in hospitals and in the offices of doctors specializing in x-ray and radium work. There is no opportunity for independent operation of a laboratory by the technician since the use of x-ray in the diagnosis and treatment of diseases is legally the practice of medicine and in the interest of public welfare and safety must be carried out under the supervision of a registered physician. The remuneration for x-ray technicians varies from \$60 to \$150 a month with or without maintenance. In practice, it is frequently necessary for the technician to take dictation, typewrite reports, file correspondence, and in small hospitals to care for the hospital records on patients. Many of the duties are in the nature of minor nursing such as the sterilization of materials, administration of enemas, preparation of patients for examination, and the general care of the sick. The duties of secretary and practical nurse are frequently combined with those of operating an x-ray machine, processing of x-ray films, and handling of patients in x-ray work.

## TRAINING COURSE FOR LABORATORY TECHNICIANS

HAROLD E. EGGERS, A.M., M.D.

*Professor of Pathology and Bacteriology*

JAMES PERRY TOLLMAN, B.Sc., M.D., Director

**Organization.**—The course for laboratory technicians has been established by authority of The Board of Regents, in connection with the Department of Pathology, College of Medicine. It has been accredited by the Committee on Education and Hospitals of the American Medical Association and the American Society of Clinical Pathology as being equipped and organized to furnish adequate training in laboratory technic. Graduates are eligible to take the examination for the Registry of Technicians maintained by the American Society of Clinical Pathology.

**Facilities for Instruction.**—The course is given in the University Hospital, and facilities of the University of Nebraska College of Medicine are available for instruction. The University Hospital is organized primarily for teaching and is under the control of The Board of Regents through the administration of the College of Medicine. It has a capacity of 240 beds, and accepts patients from over the state generally. All types of diseases are treated. Approximately 4,000 patients are admitted each year. The laboratory of the University Dispensary is also used for instruction. Approximately 4,000 patients are treated each year. The treatment of patients in the hospital and dispensary is directed by the faculty of the College of Medicine. The laboratory work requested includes all routine procedures, and many specialized tests that are required for unusual diseases which may be sent to the hospital from any part of the state.

The Library of the College of Medicine is maintained in the hospital. Thirty-eight thousand cataloged books and 320 current periodicals are available for study, and for keeping in touch with current work in the field of laboratory diagnosis.

**Requirements for Admission.**—The Registry of Medical Technologists has recently revised the requirements as follows:

Biology: Eight semester hours of which at least 4 semester hours must be zoology.

Bacteriology: At least 3 semester hours. (If not available, other branches of biology may be substituted.)

Chemistry: General Inorganic Chemistry—At least 8 semester hours including 4 semester hours of laboratory. Organic Chemistry—A complete course, at least 4 semester hours with not less than 2 semester hours of laboratory. Quantitative Analysis—Three semester hours recommended.

Physics: At least 8 semester hours with 2 semester hours of laboratory.

Either high school or college trigonometry prerequisite to physics.

English: Six semester hours in English composition or rhetoric.

Electives: Sufficient to give a total of 60 semester hours of college credit. Sociology and psychology are recommended for electives.

A transcript of college credits is to be submitted with the application for admission. Secretarial training will be found most useful, as well as a reading knowledge of a foreign language. The candidate must be in good health.

**Fees and Expenses.**—There is a registration fee of \$1, payable on

entrance. Four dollars per year for the student health service is payable on admission. A tuition fee of \$75 per year is charged and a minimum nonresident fee of \$25 per semester for students enrolling from other states. In addition, the students are responsible for their own maintenance, uniforms, and laundry. Board and room may be obtained in private homes for approximately \$40 per month. Some allowance should be made for the purchase of books.

**Curriculum.**—The course of training is of 12 months' duration and is primarily on the apprenticeship basis, with rotating services of two months each. The plan of work is so arranged as to include all of the procedures usually carried out in a general hospital laboratory, as well as to acquaint the student with many of the more specialized types of laboratory determinations.

**BIOCHEMISTRY** includes examinations of the blood and other body fluids for normal and abnormal chemical constituents. As a rule, these are quantitative determinations, and include such tests as blood sugar, non-protein-nitrogen and creatinine determinations, as well as examinations of urine and of secretions of the gastro-intestinal tract and its associated glands. Between 6,000 and 7,000 examinations a year allow thorough training in this field.

**HEMATOLOGY** consists of examinations of the blood, particular attention being given to the cellular elements. Included in this service also are compatibility tests preparatory to transfusions. More than 7,000 examinations a year give adequate material for this phase of the work.

**ADVANCED HEMATOLOGY AND BIOCHEMISTRY** covers the more specialized procedures in the above branches, such as determination of the inorganic constituents of the blood, various tests of liver function, and special hematological procedures as erythrocyte fragility tests and cell volume measurements. Basal metabolic rate determinations are also included.

**BACTERIOLOGY** takes up the identification of pathogenic micro-organisms by their morphological, cultural, and immunological characteristics. Approximately 2,400 bacteriological examinations are made each year.

**PARASITOLOGY**, a study of the small animal forms which may cause disease, is included with this and is studied both from the material available in the hospital and dispensary and from demonstration specimens in the medical college.

**HISTOLOGIC TECHNIC** covers the making of tissue preparations, principally sections of various organs and tissues, for the microscopic study by the pathologist. A variety of methods are taken up during the training period. More than 4,000 sections are made yearly.

**SEROLOGY** includes primarily immunological procedures, and is carried out under the direct supervision of the bacteriology department of the College of Medicine.

**Plan of Instruction.**—The work is conducted under the direct supervision of the director and the laboratory technicians. Lectures are given, divided as follows:

**BACTERIOLOGY**, 40 hours. This course is especially arranged to meet the requirements of the medical technologists, covering background and technic as well as the specific consideration of pathogenic bacteria.

**PATHOLOGY**, 24 hours, combined with the pathology course for the School of Nursing. The general considerations of changes produced by

disease are taken up, particular attention being given to the causes of disease, the specific changes produced by various disease processes, and their relation to the symptoms produced. The theory and interpretation of various laboratory procedures is also taken up.

Conferences are held several times weekly, one being devoted to detailed correlation of disease processes and laboratory findings. Another is given over to a more detailed consideration of the principles involved in the technic of determinations with emphasis on possible sources of error. Other conferences are arranged as problems arise. Quizzes and examinations are given at intervals. Both written and oral exercises cover theoretical aspects, while practical tests for proficiency are given covering all phases of the work. Reading assignments are made of the material covered during each two-month period. Demonstrations are arranged at intervals to aid in taking up new subject matter, to emphasize important points, and to familiarize the student with unusual problems. In order to give the student an introduction to the current literature and the use of the library, a Journal Club forms part of the course of instruction.

**Opportunities.**—The hospital laboratory offers the largest field of opportunity since most hospitals employ one or more technicians in their laboratories. In addition, there are positions available in clinics and in offices of physicians where the combination of medical technology with x-ray, secretarial, or nursing training is advantageous, since the volume of work often does not justify the employment of more than one assistant. There are also a few opportunities in the research field for those with sufficient educational background.

While the number of positions is limited to some extent, well-qualified persons have been able to obtain employment quite readily. As a rule, the salaries correspond fairly well with those paid to persons of comparable training in other lines of work.

The work is exacting and admits of no carelessness, yet it is not unduly strenuous in spite of the fact that conditions may arise from time to time which call for hard work and long hours. Working conditions tend to be pleasant and healthful and the associates congenial.



