

Vol. 32

JULY, 1932

Number 7

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BULLETIN  
OF  
VANDERBILT UNIVERSITY

CATALOGUE  
OF THE  
SCHOOL OF MEDICINE

Announcement for  
1932 - 1933

The BULLETIN of VANDERBILT UNIVERSITY is published by the University, and is issued every month from January to July, inclusive.

NASHVILLE, TENNESSEE  
PRINTED FOR THE UNIVERSITY  
1932

Entered as Second-Class Matter at Nashville, Tenn.

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## UNIVERSITY CALENDAR

1932-1933

- Sept.* 27 Tuesday.....Registration. Special examinations.
- Sept.* 28 Wednesday...Registration. Assembly of all new students at 11 A.M.
- Sept.* 29 Thursday.....Instruction begins.
- Nov.* 24 Thursday.....A holiday, Thanksgiving Day.
- Dec.* 10 Saturday.....First trimester ends.
- Dec.* 12 Monday.....Second trimester begins.
- Dec.* 22 Thursday...Christmas vacation begins at 4:30 P.M.
- Jan.* 2 Monday.....Instruction resumed.
- Mar.* 11 Saturday.....Second trimester ends.
- Mar.* 13 Monday.....Third trimester begins.
- May* 27 Saturday.....A holiday, Founder's Day.
- June* 2 Friday.....Third trimester ends.
- June* 3 Saturday.....Examinations begin.
- June* 11 Sunday.....Commencement Sermon.
- June* 14 Wednesday...Commencement Day. Graduating Exercises and Commencement Address, 10 A.M.
- Sept.* 27 Wednesday...Session of 1933-1934 begins.



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Home Address: Vanderbilt Campus

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Home Address: 342 21st Ave., N.

J. E. HART

*Bursar of the University*

Office: College Hall

Home Address: Vanderbilt Campus

## THE FACULTY AND TEACHING STAFF

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*Chancellor of the University*

A. B., 1877, and A. M., 1878, Wofford College; Ph. D., University of Leipsic, 1885; LL. D., University of North Carolina, University of Missouri, Wesleyan, University of Pittsburgh, and Baylor University; D. C. L., University of the South, 1902; Professor of Greek and German, Wofford College, 1881-1883; Professor of Latin, Vanderbilt University, 1886-1893.

Vanderbilt Campus.

## PROFESSORS

RICHARD A. BARR, M. D.

*Professor of Clinical Surgery*

M. D., Vanderbilt University, 1892; Adjunct Professor of Abdominal Surgery, 1901-1902; Professor of Abdominal Surgery, 1902-1911; Professor of Surgery and Clinical Surgery, 1911-1925; Professor of Clinical Surgery, Vanderbilt University, 1925—.

800 19th Ave., S.

R. WALLACE BILLINGTON, M. D.

*Professor of Clinical Orthopedic Surgery*

M. D., Vanderbilt University, 1906; Demonstrator of Anatomy, 1907-1910; Lecturer, Adjunct Professor and Associate Professor of Clinical Orthopedic Surgery, 1911-1926; Professor of Clinical Orthopedic Surgery, Vanderbilt University, 1926—.

Doctors' Building

PERRY BROMBERG, M. D.

*Professor of Clinical Urology*

M. D., University of Tennessee, 1895; Demonstrator of Anatomy and Assistant to the Chair of Surgery, 1895-1899; Professor of Physiology, University of Tennessee, 1899-1909; Professor of Urology, University of Nashville and Tennessee, 1909-1911; Professor of Urology, 1911-1925; Professor of Clinical Urology, Vanderbilt University, 1925—.

Bennie-Dillon Bldg.

BARNEY BROOKS, M. D.

*Professor of Surgery*

B. S., University of Texas, 1905; M. D., Johns Hopkins University, 1911; Assistant, Instructor, Associate, and Associate Professor of Surgery, Washington University, 1912-1925; Professor of Surgery, Vanderbilt University, 1925—.

Vanderbilt University Hospital.

## WORCESTER ALLEN BRYAN, M. D.

*Professor of Clinical Surgery*

A. B., 1893, M. A., 1897 Cumberland University; M. D., Vanderbilt University, 1899; Assistant and Associate in Surgery, 1900-1910; Professor of Surgery and Clinical Surgery, 1911-1925; Professor of Clinical Surgery, Vanderbilt University, 1925—.

Medical Arts Building.

## LUCIUS EDWARD BURCH, M. D.

*Professor of Clinical Gynecology and Obstetrics*

M. D., Vanderbilt University, 1896; Professor of Gynecology, 1902-1925; Dean and Acting Dean, School of Medicine, 1914-1925; Professor of Clinical Gynecology and Obstetrics, Vanderbilt University, 1925—.

2112 West End Ave.

## CHARLES SIDNEY BURWELL, M. D.

*Professor of Medicine*

A. B., Allegheny College, 1914; M. D., Harvard University, 1919; Teaching Fellow in Medicine, Harvard Medical School, 1921; Instructor in Medicine, 1921-1922, and Associate in Medicine, 1922-1924, Johns Hopkins Medical School; Associate Professor of Medicine, 1925-1928; Professor of Medicine, Vanderbilt University, 1928—.

Lynwood Boulevard.

## HORTON R. CASPARIS, M. D.

*Professor of Pediatrics*

A. B., University of Texas, 1915; M. D., Johns Hopkins, 1919; Instructor in Pediatrics, 1920-1922, and Associate in Pediatrics, Johns Hopkins Medical School, 1922-1925; Associate Professor of Medicine in charge of Pediatrics, 1925-1928; Professor of Pediatrics, Vanderbilt University, 1928—.

Vanderbilt University Hospital.

## RICHARD K. COLE, M. D.

*Professor of Military Science and Tactics*

M. D., Vanderbilt University, 1899; Major, Medical Corps, United States Army; Professor of Military Science and Tactics, Vanderbilt University, 1929—.

318 Fairfax Ave.

## SAM C. COWAN, M. D.

*Professor of Clinical Obstetrics*

M. D., Vanderbilt University, 1909; Demonstrator of Anatomy, 1912-1915; Chief of Outdoor Obstetrical Dispensary, 1915-1923; Assistant Professor of Obstetrics, 1923-1925; Assistant Professor of Clinical Obstetrics, 1925-1927; Professor of Clinical Obstetrics, Vanderbilt University, 1927—.

Doctors' Building.

## MARVIN McTYEIRE CULLOM, M. D.

*Professor of Clinical Otolaryngology*

A. B., 1894, and M. D., 1896, Vanderbilt University; Clinical Professor of Diseases of the Eye, Ear, Nose and Throat, 1916-1925; Professor of Clinical Ophthalmology and Otolaryngology, 1925-1931; Professor of Clinical Otolaryngology, Vanderbilt University, 1931—.

Bennie Dillon Building.

## ROBERT SYDNEY CUNNINGHAM, M. D.

*Professor of Anatomy*

B. S., and M. A., 1911, Davidson College; M. D., Johns Hopkins Medical School, 1915, Assistant in Anatomy, 1915-1916; Instructor, 1916-1918; Associate, 1919-1922; Associate Professor, Johns Hopkins Medical School, 1922-1925; Professor of Anatomy, Vanderbilt University, 1925—.

342 21st Avenue, N.

## DUNCAN EVE, M. D.

*Professor of Clinical Surgery*

A. B., University of Nashville, 1870; A. M., Greenville and Tusculum University, 1879; M. D., Bellevue Hospital Medical College, 1874; Dean Medical Department, University of Tennessee, 1897-1903; Professor of Surgery and Clinical Surgery, 1905-1925; Professor of Clinical Surgery, Vanderbilt University, 1925—.

2112 West End Ave.

## WALTER EUGENE GARREY, PH. D., M. D.

*Professor of Physiology*

B. S., Lawrence College, 1894; Ph. D., University of Chicago, 1900; M. D., Rush Medical College, 1909; Fellow, Assistant and Instructor, University of Chicago, 1895-1899; Assistant Professor and Professor, Cooper Medical College, 1900-1910; Associate and Associate Professor, Washington University, 1910-1916; Professor of Physiology, Tulane University, 1916-1925; Professor of Physiology, Vanderbilt University, 1925—.

Vanderbilt University Hospital.

## ERNEST WILLIAM GOODPASTURE, M. D.

*Professor of Pathology*

A. B., Vanderbilt University, 1907; M. D., Johns Hopkins University, 1912; Instructor in Pathology, Johns Hopkins University, 1912-1915; Instructor and Assistant Professor in Pathology, Harvard University, 1915-1922; Professor of Pathology, University of the Philippines, P. I., 1922; Professor of Pathology, Vanderbilt University, 1925—.

408 Fairfax Avenue.

## WILLIAM DAVID HAGGARD, M. D.

*Professor of Clinical Surgery*

M. D., University of Tennessee, 1893; Professor of Gynecology and Abdominal Surgery, University of Tennessee, 1899-1912; Professor of Surgery and Clinical Surgery, 1913-1925; Professor of Clinical Surgery, Vanderbilt University, 1925—.

Doctors' Building.

## ALBERT W. HARRIS, M. D.

*Professor of Clinical Neurology and Psychiatry*

M. D., Vanderbilt University, 1901; Associate Professor of Neurology, 1909-1925; Associate Professor of Clinical Neurology and Psychiatry, 1925-1927; Professor of Clinical Neurology and Psychiatry, Vanderbilt University, 1927—.

Doctors' Building.

## WILLIAM GILLIAM KENNON, M. D.

*Professor of Clinical Otolaryngology*

M. D., University of Pennsylvania, 1908; Associate Professor of Eye, Ear, Nose and Throat, Vanderbilt University, 1919-1925; Associate Professor of Clinical Ophthalmology and Otolaryngology, 1925-1929; Professor of Clinical Ophthalmology and Otolaryngology, 1929-1931; Professor of Clinical Otolaryngology, Vanderbilt University, 1931—.

Doctors' Building.

## PAUL DUDLEY LAMSON, M. D.

*Professor of Pharmacology*

A. B., 1905, M. D., 1909, Harvard; Lecture Assistant in Pharmacology, University of Wurzburg, 1912-1913; Assistant in Experimental Therapeutics, 1914-1915; Associate in Pharmacology, 1916-1920; Associate Professor in Pharmacology, Johns Hopkins Medical School, 1920-1925; Professor of Pharmacology, Vanderbilt University, 1925—.

2134 Jones Ave.



## WALLER S. LEATHERS, M. D., LL. D.

*Dean, and Professor of Preventive Medicine and Public Health.*

M. D., University of Virginia, 1895; LL. D., University of Mississippi, 1924; Professor of Biology, University of South Carolina, 1897-1899; Professor of Biology, 1899-1903; Professor of Physiology and Hygiene, 1903-1910; Dean of Medical School, University of Mississippi, 1904-1924; Executive Officer, Mississippi State Board of Health, 1910-1924; Professor of Preventive Medicine, 1924-; Associate Dean, 1927-1928, and Dean, School of Medicine, Vanderbilt University, 1928-.

2004 20th Ave. S.

## HUGH JACKSON MORGAN, M. D.

*Professor of Clinical Medicine*

B. S., Vanderbilt University, 1914; M. D., Johns Hopkins University, 1918; Assistant in Medicine, Johns Hopkins Medical School, 1920-1921; Assistant, Rockefeller Institute, 1921-1924; Associate Professor of Medicine, 1925-1928; Professor of Clinical Medicine, Vanderbilt University, 1928-.

Mockingbird Road.

## CHARLES SUMMERS ROBINSON, PH. D.

*Professor of Biochemistry*

A. B., 1907; M. S., 1909; Ph. D., 1917, University of Michigan; Assistant in Chemistry, 1906-1908; Research Assistant in Chemistry, 1909-1915, and Research Associate in Chemistry, 1915-1926, University of Michigan; Associate at Rockefeller Institute, 1918; director of Chemical Division of Michigan Experimental Station, 1926-1931; Professor of Biochemistry, Vanderbilt University, 1931-.

Vanderbilt School of Medicine.

## OWEN HARRIS WILSON, M. D.

*Professor of Clinical Pediatrics*

B. E., 1889, and M. D., 1891, Vanderbilt University; Assistant in Gynecology, 1891-1893; Demonstrator of Surgery, 1893-1895; Professor of Anatomy, 1895-1904; Professor of Pediatrics, 1904-1925; Professor of Clinical Pediatrics, Vanderbilt University, 1925-

Doctors' Building.

## WILLIAM H. WITT, M. D.

*Professor of Clinical Medicine*

B. A., 1887, M. A., 1888, M. D., 1894, Vanderbilt University; Professor of Materia Medica and Therapeutics, 1899-1906; Professor of Materia Medica and Therapeutics and Associate Professor of Medicine, 1906-1911; Professor of Medicine and Clinical Medicine, 1911-1925; Professor of Clinical Medicine, Vanderbilt University, 1925-.

Doctors' Building.

## ASSOCIATE PROFESSORS

ROY C. AVERY, PH. D.

*Associate Professor of Bacteriology*

B. S., Connecticut Agricultural College, 1914; M. S., Massachusetts Agricultural College, 1921; Ph. D., Vanderbilt University, 1928; Graduate Assistant in Microbiology, 1915-1917, and Instructor, 1919-1924, Massachusetts Agricultural College; Assistant Professor of Bacteriology, College of Physicians and Surgeons, Columbia University, 1924-1925; Assistant Professor of Bacteriology and Immunology, 1927-1931; Associate Professor of Bacteriology, Vanderbilt University, 1931—.

Vanderbilt University Hospital.

ALFRED BLALOCK, M. D.

*Associate Professor of Surgery*

A. B., University of Georgia, 1918; M. D., Johns Hopkins University, 1922; House Officer, 1922-1925; Instructor in Surgery, 1925-1927; Assistant Professor of Surgery, 1928-1930; Associate Professor of Surgery, Vanderbilt University, 1930—.

Vanderbilt University Hospital.

SAMUEL M. BLOOMSTEIN, M. D.

*Associate Professor of Clinical Pediatrics*

Ph. G., Vanderbilt University, 1888; M. D., University of Nashville, 1896; Assistant to the Chair of Materia Medica and Therapeutics, 1897-1906; Professor of Pediatrics, University of Nashville, 1906-1911; Associate Professor of Clinical Pediatrics, Vanderbilt University, 1930—.

142 7th Ave. N.

R. BOYD BOGLE, M. D., D. D. S.,

*Associate Professor of Clinical Dental Surgery*

M. D., Vanderbilt University, 1894; D. D. S., Northwestern University, 1895; Professor of Orthodontia and Anaesthesia, University of Tennessee, 1895-1905; Professor of Exodontia, Roentgenology, and Mouth Surgery, Vanderbilt University, 1905-1926; Dean, Vanderbilt University School of Dentistry, 1919-1926; Associate Professor of Clinical Dental Surgery, Vanderbilt University, 1930—.

Medical Arts Building.

OVAL N. BRYAN, M. D.

*Associate Professor of Clinical Medicine*

M. D., Vanderbilt University, 1907; Assistant to the Chair of Medicine, 1908-1911; Assistant Professor of Medicine, 1911-1913; Associate Professor of Medicine, 1913-1925; Associate Professor of Clinical Medicine, Vanderbilt University, 1925—.

Medical Arts Building.

JOHN C. BURCH, M. D.

*Associate Professor of Clinical Gynecology*

M. D., Vanderbilt University, 1923; Assistant in Gynecology, 1924-1925, and Assistant in Clinical Gynecology, Vanderbilt University, 1925-1928; Instructor in Clinical Gynecology, 1928-1929; Assistant Professor of Clinical Gynecology, 1929-1931; Associate Professor of Clinical Gynecology, Vanderbilt University, 1931—.

2112 West End Ave.

SAM L. CLARK, PH. D., M. D.

*Associate Professor of Anatomy*

B. S., Vanderbilt University, 1922; M. S., Northwestern University, 1923; Ph. D., Washington University, 1926; M. D., Vanderbilt University, 1930; Assistant Professor of Anatomy, Northwestern University, 1926-1929; Assistant Professor of Anatomy, 1930-1931; Associate Professor of Anatomy, Vanderbilt University, 1931—.

1716 Beechwood Avenue

W. C. DIXON, M. D.

*Associate Professor of Clinical Gynecology*

M. D., Vanderbilt University, 1903; Assistant to the Chair of Gynecology, 1903-1905; Assistant to the Chairs of Medicine and Surgery, 1905-1906; Assistant to the Chair of Gynecology, 1906-1911; Associate Professor of Medicine, 1911-1917; Associate Professor of Gynecology, 1919-1925; Associate Professor of Clinical Gynecology, Vanderbilt University, 1925—.

Doctors' Building

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A. B., Bryn Mawr College, 1914; M. D., Johns Hopkins Medical School, 1921; Assistant in Pediatrics, Johns Hopkins Medical School, 1922-1923; Instructor in Pediatrics, Vanderbilt University, 1926-1928; Assistant Professor of Pediatrics, 1928-1929; Associate Professor of Pediatrics, Vanderbilt University, 1929—.

Woodmont Blvd.

BEVERLY DOUGLAS, M. D., D. Sc.

*Associate Professor of Surgery, and Assistant Dean*

Litt. B., Princeton, 1914; M. D., Johns Hopkins University, 1918; M. S., (Clinical Medicine), Yale University, 1921; D. Sc., University of Lyons, 1925; Instructor in Surgery, 1919-1921; Instructor and Assistant in Surgery, Yale University, 1921-1922; Assistant Professor of Surgery, 1925-1928, and Assistant Dean, 1926-1928; Associate Professor of Surgery, and Assistant Dean, Vanderbilt University, 1928—.

412 Fairfax Ave.

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*Associate Professor of Clinical Surgery*

M. D., Vanderbilt University, 1904; Demonstrator in Surgery, 1904-1912; Associate Professor of Surgery, 1912-1925; Associate Professor of Clinical Surgery, Vanderbilt University, 1925—.

2112 West End Ave.

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*Associate Professor of Medicine*

A. B., University of Michigan, 1919; M. D., Johns Hopkins University, 1922; Assistant in Medicine, Johns Hopkins Medical School, 1924; Instructor in Medicine, 1925-1928; Assistant Professor of Medicine, 1928-1932; Associate Professor of Medicine, Vanderbilt University, 1932—.

Vanderbilt University Hospital.

J. M. JOHLIN, PH. D., D. Sc.

*Associate Professor of Biochemistry*

B. Sc., University of Chicago, 1908; Ph. D., University of Berlin, 1910; D. Sc., University of London, 1925; Assistant Professor of Chemistry, 1912-1914, and Associate Professor of Chemistry, Syracuse University, 1914-1917; Associate Professor of Biochemistry, Vanderbilt University, 1926—.

Vanderbilt University Hospital.

CHARLES EDWIN KING, PH. D.

*Associate Professor of Physiology*

Ph. B., Heidelberg University, Ohio, 1908; M. S., 1912; Ph. D., University of Chicago, 1914; Assistant Professor, Associate Professor and Professor of Physiology, University of North Dakota, 1914-1919; Professor of Physiology, University of Alabama, 1918-1920; Acting Professor of Physiology, 1920-1925; Associate Professor of Physiology, Vanderbilt University, 1925—.

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*Associate Professor of Clinical Surgery*

M. D., Vanderbilt University, 1903; Assistant to the Chair of Medicine, 1906-1914; Associate Professor of Surgery, 1922-1925; Associate Professor of Clinical Surgery, Vanderbilt University, 1925—.

Doctors' Building.

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*Associate Professor of Clinical Medicine*

A. B., Vanderbilt University, 1907; M. S., University of Pennsylvania, 1911; Assistant to Chair of Medicine and Assistant Professor of Medicine, 1913-1925; Assistant Professor of Clinical Medicine, 1925-1926; Associate Professor of Clinical Medicine, Vanderbilt University, 1926—.

Doctors' Building.

## KARL ERNEST MASON, PH. D.

*Associate Professor of Anatomy*

A. B., Acadia University, 1921; Ph. D., Yale University, 1925; Instructor in Anatomy, 1926-1929; Assistant Professor of Anatomy, 1929-1930; Associate Professor of Anatomy, Vanderbilt University, 1930—.

2503 Kensington Place.

## HENRY E. MELENEY, M. D.

*Associate Professor of Preventive Medicine and Public Health*

A. B., Dartmouth College, 1909; M. D., Columbia University, 1915; Resident Pathologist, Presbyterian Hospital, N. Y., 1919-1920; Associate in Pathology, 1920-1922; Associate in Medicine, 1922-1924, and Associate Professor of Medicine, Peking Union Medical College, 1924-1927; Associate Professor of Preventive Medicine and Public Health, Vanderbilt University, 1928—.

2110 W. Ashwood Ave.

## WALTER M. MORGAN, D. D. S.

*Associate Professor of Clinical Dental Surgery*

D. D. S., Vanderbilt University, 1916; Assistant in Physiology, 1916-1919; Assistant in Oral Surgery and Principles of Surgery, 1917-1923; Associate Professor of Clinical Dental Surgery, Vanderbilt University, 1930—.

Medical Arts Building.

## OREN A. OLIVER, D. D. S.

*Associate Professor of Clinical Dental Surgery*

D. D. S., Vanderbilt University, 1909; Professor of Clinical Dentistry, and Vice-President, Dewey School of Orthodontia, 1916-1922; Assistant to Staff of Oral Surgery and Principles of Surgery, 1920-1926; Associate Professor of Clinical Dental Surgery, Vanderbilt University, 1930—.

Medical Arts Building.



## ROBERT SULLIVAN, M. D.

*Associate Professor of Clinical Ophthalmology*

M. D., Vanderbilt University, 1913; Assistant to the Chair of Eye, Ear, Nose and Throat, 1917-1919; Assistant Professor of Eye, Ear, Nose and Throat, 1919-1925; Assistant Professor of Clinical Ophthalmology and Otolaryngology, 1925-1928; Associate Professor of Clinical Ophthalmology and Otolaryngology, 1928-1931; Associate Professor of Clinical Ophthalmology, Vanderbilt University, 1931—.

Doctors' Building.

## HOLLAND M. TIGERT, M. D.

*Associate Professor of Clinical Gynecology*

M. D., University of Nashville, 1901; Professor of Diseases of Women, University of Tennessee, 1909-1911; Associate Professor of Gynecology, 1911-1925; Associate Professor of Clinical Gynecology, Vanderbilt University, 1925—.

142 7th Ave., N.

## LAURENCE GODDARD WESSON, PH. D.

*Associate Professor of Pharmacology*

B. S., Worcester Polytechnic Institute, 1910; Ph. D., Harvard University, 1920; Instructor in Organic Chemistry, Case School of Applied Science, 1915-1917; Instructor in Physiological Chemistry, Johns Hopkins University, 1922-1925; Assistant Professor of Pharmacology, 1925-1931; Associate Professor of Pharmacology, Vanderbilt University, 1931—.

2121 W. Ashwood Ave.

## JACK WITHERSPOON, M. D.

*Associate Professor of Clinical Medicine*

M. D., Vanderbilt University, 1910; First Assistant in Histology and Pathology and Assistant in Medicine, 1911-1914; Assistant in Medicine, 1914-1917; Assistant Professor of Medicine, 1917-1918; Associate Professor of Medicine, 1919-1925; Associate Professor of Clinical Medicine, Vanderbilt University, 1925—.

Doctors' Building.

## JOHN BARLOW YOUMANS, M. D.

*Associate Professor of Medicine and Director of Postgraduate Instruction*

A. B., University of Wisconsin, 1915; M. S., University of Wisconsin, 1916; M. D., Johns Hopkins University, 1919; Assistant in Medicine, Johns Hopkins Medical School, 1921-1922; Instructor, Internal Medicine, 1922, and Assistant Professor, University of Michigan Medical School, 1924-1927; Assistant Professor of Medicine, Vanderbilt University, 1927-1928; Associate Professor of Medicine, 1928—, and Director of Postgraduate Instruction, 1930—, Vanderbilt University.

Vanderbilt University Hospital.



## ASSISTANT PROFESSORS

CHARLIE FRANKLIN ANDERSON, M. D.

*Assistant Professor of Clinical Urology*

M. D., Vanderbilt School of Medicine, 1907; Assistant Demonstrator of Anatomy, 1907-1908; First Assistant Demonstrator of Anatomy and Assistant to the Chair of Surgery, 1908-1910; Lecturer on Venereal Diseases and Assistant to the Chair of Surgery, 1910-1911; Lecturer on Venereal Diseases, 1911-1925; Assistant Professor of Clinical Urology, Vanderbilt University, 1925—.

Doctors' Building,

W. B. ANDERSON, M. D.

*Assistant Professor of Clinical Obstetrics*

M. D., Vanderbilt University, 1894; Assistant in Clinical Obstetrics, 1929-1930; Instructor in Clinical Obstetrics, 1931-1932; Assistant Professor of Clinical Obstetrics, Vanderbilt University, 1932—.

Doctors' Building.

EDWARD HAMILTON BARKSDALE, M. D.

*Assistant Professor of Urology*

M. D., Washington University, 1925; Assistant in Pathology, Washington University 1925-1926; Assistant in Surgery, Vanderbilt University, 1926-1927; Assistant in Urology Piedmont Hospital, 1927-1928; Instructor in Urology, 1928-1931; Assistant Professor of Urology, Vanderbilt University, 1931—.

Vanderbilt University Hospital.

EUGENE LINDSAY BISHOP, M. D.

*Assistant Professor of Preventive Medicine and Public Health*

M. D., Vanderbilt University, 1914; C. P. H., Johns Hopkins School of Hygiene and Public Health, 1923; Lecturer in Preventive Medicine, 1923-1924; Assistant Professor of Preventive Medicine and Public Health, Vanderbilt University, 1926—.

War Memorial Building.

HAROLD WILLIAM BROWN, D. Sc.

*Research Associate in Pharmacology*

A. B., Kalamazoo College, 1924; M. S., Kansas State Agricultural College, 1925; D. Sc., School of Hygiene and Public Health, Johns Hopkins University, 1927; Research Associate in Pharmacology, Vanderbilt University, 1928—.

Vanderbilt University Hospital.

WILLIAM R. CATE, M. D.

*Assistant Professor of Clinical Medicine*

A. B., Kentucky Wesleyan, 1916; M. D., Emory University, 1920; Professor of Medicine, Severance University Medical College, Seoul, Korea, 1921-1926; Assistant in Clinical Medicine, 1926-1928; Instructor in Clinical Medicine, 1928-1931; Assistant Professor of Clinical Medicine, Vanderbilt University, 1931—.

Doctors' Building.

## R. C. DERIVAUX, M. D.

*Assistant Professor of Clinical Medicine*

M. D., Washington University, 1911; Acting Professor of Preventive Medicine, 1920-1923; Instructor in Medicine, 1923-1925, and in Clinical Medicine, 1925-1927; Assistant Professor of Clinical Medicine, Vanderbilt University, 1927—.

Doctors' Building.

## LEONARD W. EDWARDS, M. D.

*Assistant Professor of Clinical Surgery*

M. D., Vanderbilt University, 1913; Assistant in Gynecology, 1915-1925; Instructor in Clinical Surgery, 1925-1931; Assistant Professor of Clinical Surgery, Vanderbilt University, 1931—.

Doctors' Building.

## JOSEPH F. GALLAGHER, M. D.

*Assistant Professor of Clinical Gynecology*

M. D., University of Nashville, 1906; Demonstrator of Anatomy, University of Tennessee, 1907-1910; In charge of Surgical Out-Patient Department, Vanderbilt Hospital, 1911-1912; In charge of Out-Patient Department in Gynecology, 1912-1918; Assistant Professor of Gynecology, 1918-1925; Assistant Professor of Clinical Gynecology, Vanderbilt University, 1925—.

Bennie-Dillon Building.

## McPHEETERS GLASGOW, M. D.

*Assistant Professor of Clinical Gynecology*

M. D., University of Pennsylvania, 1895; Demonstrator of Anatomy, 1897-1905; Demonstrator in Abdominal Surgery on Cadaver, 1904-1907; Professor of Therapeutics, 1910-1914; Assistant Professor of Gynecology, 1914-1925; Assistant Professor of Clinical Gynecology, Vanderbilt University, 1925—.

Old Golf Club Lane.

## HARRY T. HILLSTROM, M. D.

*Assistant Professor of Surgery in Charge of Radiology*

M. D., University of Minnesota, 1927; Teaching Fellow, University of Minnesota, 1928-1930; Assistant Professor of Surgery in Charge of Radiology, Vanderbilt University, 1930—.

Vanderbilt University Hospital.

## SAMUEL JOHN HOUSE, M. D.

*Assistant Professor of Clinical Medicine*

B. S., University of Chicago, 1918; M. D., Rush Medical College of the University of Chicago, 1920; Assistant and Instructor in Anatomy and Histology, and Assistant in Medicine, 1922-1925; Assistant in Clinical Medicine, 1925-1926, and Instructor in Clinical Medicine, 1926-1928; Assistant Professor of Clinical Medicine, Vanderbilt University, 1928—.

Graybar Lane, R. F. D. No. 5.

## GEORGE SUMMERS JOHNSON, M. D.

*Assistant Professor of Surgery*

A. B., William Jewell College, 1921; M. D., Washington University, 1925; Assistant in Surgery, 1925-1927; Instructor in Surgery, 1927-1930; Assistant Professor of Surgery, Vanderbilt University, 1930—.

Vanderbilt University Hospital.

## HOLLIS E. JOHNSON, M. D.

*Assistant Professor of Clinical Medicine*

M. D., Vanderbilt University, 1921; Assistant in Anatomy, Vanderbilt University, 1917-1919; Instructor in Pulmonary Tuberculosis, Meharry Medical School, 1921-1927; Assistant in Medicine, 1922-1925; Assistant in Clinical Medicine, 1925-1926; Instructor in Clinical Medicine, Vanderbilt University, 1926-1931.

Medical Arts Building.

## ALVIN E. KELLER, M. D.

*Assistant Professor of Preventive Medicine and Public Health*

M. D., Johns Hopkins University, 1924; Health Officer, Alabama, 1924-1927; Instructor in Preventive Medicine and Public Health, 1927-1930; Assistant Professor of Preventive Medicine and Public Health, Vanderbilt University, 1930—.

2301 Westwood Ave.

## HOWARD KING, M. D.

*Assistant Professor of Clinical Dermatology*

M. D., University of Nashville, 1905; Assistant to the Chair of Dermatology, 1914-1925; Assistant in Clinical Dermatology, 1925-1926; Assistant Professor of Clinical Dermatology, Vanderbilt University, 1926—.

Doctors' Building.

## JOHN M. LEE, M. D.

*Assistant Professor of Clinical Pediatrics*

M. D., University of Tennessee, 1908; Assistant to the Chair of Pediatrics, 1919-1922; Instructor in Pediatrics, 1922-1925; Instructor in Clinical Pediatrics, 1925-1928; Assistant Professor of Clinical Pediatrics, Vanderbilt University, 1928—.

Doctors' Building.

## MILTON S. LEWIS, M. D.

*Assistant Professor of Clinical Obstetrics*

M. D., Vanderbilt University, 1916; Assistant in Pediatrics and Obstetrics, 1924-1925; Assistant in Clinical Pediatrics and Clinical Obstetrics, 1925-1930; Instructor in Clinical Obstetrics and Assistant in Clinical Pediatrics, 1930-1932; Assistant Professor of Clinical Obstetrics, Vanderbilt University, 1932—.

Bennie-Dillon Building.

## WILLIAM LITTERER, M. D.

*Assistant Professor of Preventive Medicine and Public Health*

M. D., 1901, and Ph. C., 1902, Vanderbilt University; Lecturer on Hygiene, 1904-1910; Professor of Histology, Pathology and Bacteriology, 1910-1913; Professor of Pathology, Bacteriology and Microscopy, 1913; Professor of Bacteriology and Clinical Microscopy, 1913-1914, Professor of Bacteriology, 1914-1925; Assistant Professor of Preventive Medicine and Public Health, Vanderbilt University, 1925—.

704 Cedar Street.

## FRANK H. LUTON, M. D.

*Assistant Professor of Psychiatry*

M. D., Vanderbilt University, 1927; Assistant in Psychiatry, 1928-1929, and Instructor in Psychiatry, 1929-1930, Johns Hopkins Medical School; Lecturer in Psychiatry, 1928-1930; Assistant Professor of Psychiatry, Vanderbilt University, 1930—.

Vanderbilt University Hospital.

## C. C. McCLURE, M. D.

*Assistant Professor of Clinical Radiology*

M. D., Vanderbilt University, 1918; Instructor in Surgery in charge of Radiology, 1925-1928; Assistant Professor of Clinical Surgery in charge of Radiology, Vanderbilt University, 1929-1930; Roentgenologist at the Crile Clinic, 1930-1931; Assistant Professor of Clinical Radiology, Vanderbilt University, 1932—.

Doctors' Building.

## THOMAS D. MCKINNEY, M. D.

*Assistant Professor of Clinical Surgery*

M. D., Vanderbilt University, 1913; Instructor in Anatomy, 1915-1916; Assistant to Chair of Gynecology, 1914-1915; Lecturer in Gynecological Pathology, 1915-1918, and Assistant in Surgery, 1919-1926; Assistant Professor of Clinical Surgery, Vanderbilt University, 1926—.

Doctors' Building.

## GUY M. MANESS, M. D.

*Assistant Professor of Otolaryngology*

A. B., University of Missouri, 1923; M. D., Washington University, 1925; Assistant in Ophthalmology and Otolaryngology, 1926-1928; Instructor in Ophthalmology and Otolaryngology, 1928-1931; Assistant Professor of Otolaryngology, Vanderbilt University, 1931—.

Vanderbilt University Hospital.

## ANN STONE MINOT, PH. D.

*Assistant Professor of Pediatric Research*

A. B., Smith College, 1915; Ph. D., Radcliffe College, 1923; Research Assistant in Physiology and Pharmacology, Harvard Medical School, 1921-1925; Instructor in Physiology, Wellesley College, 1925-1926; Research Associate in Pharmacology, 1927-1930; Assistant Professor of Pediatric Research, Vanderbilt University, 1930—.

2319 Highland Ave.

## ADAM G. NICHOL, M. D.

*Assistant Professor of Clinical Orthopedic Surgery.*

M. D., University of Nashville, 1898; Lecturer in Orthopedic Surgery, 1918-1919, and Assistant Professor of Orthopedics, 1919-1925; Assistant Professor of Clinical Orthopedic Surgery, Vanderbilt University, 1925—.

Bennie-Dillon Building.

## EUGENE ORR, M. D.

*Assistant Professor of Clinical Otolaryngology*

M. D., Vanderbilt University, 1911; Assistant to the Chair of Eye, Ear, Nose and Throat, 1915-1921; Assistant Professor of Eye, Ear, Nose and Throat, 1921-1925; Assistant Professor of Clinical Ophthalmology and Otolaryngology, 1925-1931; Assistant Professor of Clinical Otolaryngology, Vanderbilt University, 1931—.

Doctors' Building

## DAVID R. PICKENS, M. D.

*Assistant Professor of Clinical Surgery*

M. D., Vanderbilt University, 1907; Lecturer in Proctology, 1911-1926; Assistant Professor of Clinical Surgery, Vanderbilt University, 1926—.

Doctors' Building.

## SAMUEL S. RIVEN, M. D.

*Assistant Professor of Clinical Medicine*

M. D., C. M., McGill University, 1925; Instructor in Internal Medicine, University of Michigan, 1927-1930; Instructor in Clinical Medicine, 1930-1931; Assistant Professor of Clinical Medicine, Vanderbilt University, 1931—.

Bennie-Dillon Building.

## HARRISON H. SHOULDERS, M. D.

*Assistant Professor of Clinical Surgery*

M. D., University of Nashville, 1909; Assistant Professor of Physiology, 1909-1911; Assistant in Medicine, 1911-1913; Assistant Professor of Clinical Surgery, Vanderbilt University, 1930—.

Doctors' Building.

## EDNA HUTCHINSON TOMPKINS, M. D.

*Assistant Professor of Anatomy*

A. B., Radcliffe College, 1913; M. D., Johns Hopkins Medical School, 1924; Research Assistant in Anatomy, 1926-1927; Research Associate in Anatomy, 1927-1930; Assistant Professor of Anatomy, Vanderbilt University, 1930—.

342 21st Avenue, N.



## HARLIN TUCKER, M. D.

*Assistant Professor of Clinical Gynecology*

B. S., 1909, and M. D., 1912, Vanderbilt University; Assistant in Clinical Gynecology and Obstetrics, Vanderbilt University, 1915-1928; Instructor in Clinical Gynecology and Obstetrics, 1928-1929; Assistant Professor of Clinical Gynecology, Vanderbilt University, 1929—.

Bennie-Dillon Building.

## HERBERT S. WELLS, M. D.

*Assistant Professor of Physiology*

A. B., Stanford University, 1921; M. D., Johns Hopkins Medical School, 1925; National Research Fellow in Medicine, 1925-1927; Instructor in Pharmacology, 1927-1928; and Assistant Professor of Pharmacology, 1928-1931; Assistant Professor of Physiology, Vanderbilt University, 1931—.

3616 Meadowbrook Ave.

## C. EUGENE WOODRUFF, M. D.

*Assistant Professor of Pathology*

B. S., Whitman College, 1921; M. D., Yale University, 1926; Teaching Fellow, Department of Physics, University of California, 1921-1922; Assistant in Pathology, Yale University, 1926-1927; Instructor in Pathology, 1927-1930; Assistant Professor of Pathology, Vanderbilt University, 1930—.

2805 28th Ave. S.



## LECTURERS

WILLIAM GROCE HARRISON, M. D.

*Lecturer in History of Medicine*

B. Sc., Alabama Polytechnic Institute, 1890; M. D., University of Maryland, 1892; Lecturer in History of Medicine, Vanderbilt University, 1929—.

Birmingham, Alabama.

R. L. JONES, M. D.

*Lecturer in Preventive Medicine and Public Health*

M. D., Vanderbilt University, 1898; Associate Professor of Histology, 1910-1913; Assistant in Histology and Embryology, 1915; Instructor in Preventive Medicine and Hygiene, 1918-1920; Assistant in Clinical Microscopy, 1920-1923; Assistant in Medicine, 1923-1925; Lecturer in Preventive Medicine and Public Health, Vanderbilt University, 1926—

Doctors' Building.

JOHN OVERTON, M. D.

*Lecturer in Preventive Medicine and Public Health*

M. D., Vanderbilt University, 1905; Assistant Demonstrator of Anatomy, 1909; Assistant to the Chair of Gynecology, 1911-1914; Assistant in Obstetrics, 1919-1921; Assistant in Gynecology, 1921-1925; Assistant in Clinical Gynecology, 1925-1927; Lecturer in Preventive Medicine and Public Health, Vanderbilt University, 1927—.

City Department of Health.

THOMAS W. SCHLATER, JR., LL. B.

*Lecturer in Medical Jurisprudence*

B. A., 1918, and LL. B., 1920; Vanderbilt University; Lecturer in Medical Jurisprudence, Vanderbilt University, 1925—.

Stahlman Building.

## INSTRUCTORS

A. B. BARRETT, M. D.

*Instructor in Obstetrics and Gynecology*

M. D., Western Reserve University, 1928; Assistant in Obstetrics and Gynecology, 1930-1932; Instructor in Obstetrics and Gynecology, Vanderbilt University, 1932—.

Vanderbilt University Hospital.

WILLIAM C. BILBRO, JR., M. D.

*Instructor in Clinical Surgery*

M. D., Vanderbilt University, 1918; Assistant to the Chair of Medicine, 1919-1923; Assistant to the Chair of Surgery, 1923-1925; Instructor in Clinical Surgery, Vanderbilt University, 1925—.

Doctors' Building.

JAMES B. BLACK, M. D.

*Instructor in Preventive Medicine and Public Health*

M. D., Tulane University, 1918; C. P. H., Johns Hopkins University, 1924; Assistant Director of County Health Work in Mississippi and Tennessee, 1924-1928; Instructor in Preventive Medicine and Public Health, Vanderbilt University, 1929—.

Murfreesboro, Tenn.

G. HEARN BRADLEY, M. D.

*Instructor in Clinical Pediatrics*

B. S., George Peabody College, 1922; M. D., Vanderbilt University, 1923; Assistant in Pediatrics, 1924-1925; Assistant in Clinical Pediatrics, Vanderbilt University, 1925—.

Doctors' Building.

ROBERT R. BROWN, M. D.

*Instructor in Clinical Orthopedic Surgery*

M. D., Vanderbilt University, 1914; Assistant in Gynecology, 1915-1919; Assistant in Surgery, 1919-1925; Assistant in Clinical Orthopedic Surgery, 1925-1927; Instructor in Clinical Orthopedic Surgery, Vanderbilt University, 1927—.

Doctors' Building.

W. RAY BRYAN, PH. D.

*Instructor in Physiology*

B. S., Carson-Newman College, 1928; Ph. D., Vanderbilt University, 1931; Assistant in Physiology, 1929-1931; Instructor in Physiology, Vanderbilt University, 1932—.

Vanderbilt University Hospital.

## JOHN ALFRED CALHOUN, M. D.

*Instructor in Medicine*

A. B., 1923, and M. D., 1928, University of Virginia; Assistant in Medicine, 1929-1932; Assistant in Biochemistry, 1930-1931; Instructor in Medicine, Vanderbilt University, 1932—.

Vanderbilt University Hospital.

## GEORGE K. CARPENTER, M. D.

*Instructor in Clinical Orthopedic Surgery*

M. D., Vanderbilt University, 1919; Assistant in Orthopedics, 1924-1925; Assistant in Clinical Orthopedic Surgery, 1925-1927; and Instructor in Clinical Orthopedic Surgery, Vanderbilt University, 1927—.

Bennie-Dillon Building.

## JOHN SMITH CAYCE, M. D.

*Instructor in Clinical Obstetrics*

M. D., Vanderbilt University, 1914; Assistant in Obstetrics, 1919-1925; Assistant in Clinical Obstetrics, 1925-1928; and Instructor in Clinical Obstetrics, Vanderbilt University, 1928—.

Medical Arts Building.

## MURRAY B. DAVIS, M. D.

*Instructor in Clinical Surgery*

M. D., Vanderbilt University, 1918; Assistant in Surgery, 1920-1925; Assistant in Clinical Surgery, 1925-1929; and Instructor in Clinical Surgery, Vanderbilt University, 1929—.

Doctors' Building.

## JAMES R. DAWSON, M. D.

*Instructor in Pathology*

M. D., Vanderbilt University, 1931; Assistant in Pathology, Vanderbilt University, 1931-1932.

Vanderbilt University Hospital.

## WILLIAM A. DEMONBREUN, M. D.

*Instructor in Pathology*

A. B., 1922; M. S., 1922; and M. D., Vanderbilt University, 1927; Instructor in Pathology, Vanderbilt University, 1929—.

11 Howard Apartments.

## HENRY L. DOUGLASS, M. D.

*Instructor in Clinical Urology*

M. D., Vanderbilt University, 1914; Assistant to the Chair of Surgery, 1921-1925; Instructor in Clinical Urology, Vanderbilt University, 1925—.

Doctors' Building.

## RAPHAEL S. DUKE, M. D.

*Instructor in Clinical Gynecology and Obstetrics*

M. D., Vanderbilt University, 1924; Assistant in Clinical Gynecology and Obstetrics, 1928-1930; Instructor in Clinical Gynecology and Obstetrics, Vanderbilt University, 1930—.

Bennie-Dillon Building.

## W. S. FARMER, M. D.

*Instructor in Clinical Psychiatry*

M. D., Vanderbilt University, 1890; Assistant in Clinical Psychiatry, 1926-1928; Instructor in Clinical Psychiatry, Vanderbilt University, 1928—.

Central State Hospital.

## HOWARD R. FULLERTON, C. E.

*Instructor in Preventive Medicine and Public Health*

B. S., University of New Mexico, 1917; C. E., Yale University, 1921; United States Public Health Service, 1918-1920; Instructor in Preventive Medicine and Public Health, Vanderbilt University, 1926—.

War Memorial Building.

## HORACE C. GAYDEN, M. D.

*Instructor in Clinical Urology*

M. D., Vanderbilt University, 1920; Assistant in Urology, 1920-1925; Assistant in Clinical Urology, 1925-1931; and Instructor in Clinical Urology, Vanderbilt, 1931—.

Bennie-Dillon Building.

## DAVID W. HAILEY, M. D.

*Instructor in Clinical Medicine*

M. D., Vanderbilt University, 1924; Assistant in Clinical Medicine, 1926-1930; and Instructor in Clinical Medicine, Vanderbilt University, 1930—.

Bennie-Dillon Building.

## CHARLES M. HAMILTON, M. D.

*Instructor in Clinical Dermatology*

M. D., Vanderbilt University, 1918; Assistant in Surgery, 1919-1921; Assistant in Dermatology and Electro-Therapeutics, Vanderbilt University, 1921-1925; Assistant in Clinical Dermatology, 1925-1929; and Instructor in Clinical Dermatology, Vanderbilt University, 1929—.

Doctors' Building.

## SEALE HARRIS, JR., M. D.

*Instructor in Medicine*

M. D., Johns Hopkins Medical School, 1926; Assistant in Medicine, 1929-1930; Instructor in Medicine, Vanderbilt University, 1930—.

Vanderbilt University Hospital.

## ROGER NATHANIEL HERBERT, M. D.

*Instructor in Clinical Surgery*

M. D., Vanderbilt University, 1917; Assistant in Proctology, 1921-1925; Assistant in Clinical Surgery, Vanderbilt University, 1925-1932.

Medical Arts Building.

## JOSIAH B. HIBBITTS, JR., M. D.

*Instructor in Clinical Anatomy*

A. B., B. S., William Jewell College, 1916; M. D., Johns Hopkins Medical School, 1921; Assistant in Medicine, 1923-1925; Assistant in Clinical Medicine, 1925-1927; Instructor in Clinical Medicine, 1929-1932; and Instructor in Clinical Anatomy, Vanderbilt University, 1930—.

Bennie-Dillon Building.

## ROGERS LEE HILL, M. D.

*Instructor in Surgery*

M. D., Vanderbilt University, 1930; Assistant in Surgery, 1931-1932; and Instructor in Surgery, Vanderbilt University, 1932—.

Vanderbilt University Hospital.

## JOHN J. LENTZ, M. D.

*Instructor in Preventive Medicine and Public Health*

M. D., Vanderbilt University, 1906; Instructor in Preventive Medicine and Public Health, Vanderbilt University, 1930—.

Criminal Court Building.

## D. F. MILAM, M. D.\*

*Instructor in Preventive Medicine and Public Health*

M. D., Rush Medical College, 1924; Instructor in Preventive Medicine and Public Health, Vanderbilt University, 1932.

War Memorial Building.

\*-Resigned July 1, 1932.

## P. G. MORRISSEY, M. D.

*Instructor in Clinical Medicine*

M. D., University of Nashville, 1902; Assistant in Genito-Urinary Department, 1919-1925; Assistant in Clinical Urology, 1925-1926; Instructor in Clinical Medicine and in Clinical Urology, 1926-1930; Instructor in Clinical Medicine, Vanderbilt University, 1930—.

142 7th Avenue, N.

## ROY J. MORTON, M. S.

*Instructor in Preventive Medicine and Public Health*

A. B., Elon College, 1920; M. S. in C. E., University of North Carolina, 1923; M. S. in Municipal and Sanitary Eng., Harvard University, 1926; Instructor in Preventive Medicine and Public Health, Vanderbilt University, 1930—.

War Memorial Building.

## HARRY S. MUSTARD, M. D.

*Instructor in Preventive Medicine and Public Health*

M. D., Medical College of South Carolina, 1911; Assistant in Clinical Pathology, 1912, and Lecturer in Medicine, Medical College of South Carolina, 1921; Instructor in Preventive Medicine and Public Health, Vanderbilt University, 1926—.

1915 21st Avenue, S.

## JAMES C. OVERALL, M. D.

*Instructor in Clinical Pediatrics*

M. D., Vanderbilt University, 1927; Assistant in Clinical Pediatrics, 1929-1932; Instructor in Clinical Pediatrics, Vanderbilt University, 1932—.

Bennie-Dillon Building.

## JEFFERSON C. PENNINGTON, M. D.

*Instructor in Clinical Urology*

M. D., Vanderbilt University, 1923; Assistant in Clinical Urology, 1927-1928; Instructor in Clinical Urology, Vanderbilt University, 1928—.

Bennie-Dillon Building.

## COBB PILCHER, M. D.\*

*Instructor in Surgery*

M. D., Vanderbilt University, 1927; Assistant in Surgery, 1929-1931; Instructor in Surgery, Vanderbilt University, 1931—.

Vanderbilt University Hospital.

## EUGENE M. REGEN, M. D.

*Instructor in Orthopedic Surgery*

M. D., Vanderbilt University, 1928; Assistant in Orthopedic Surgery, 1930-1931; Instructor in Orthopedic Surgery, Vanderbilt University, 1931—.

Vanderbilt University Hospital.

\*—On leave of absence.



## EDWIN LEE ROBERTS, M. D.

*Instructor in Clinical Otolaryngology*

A. B., 1898, A. M., 1901, and M. D., 1905, University of Nashville; Assistant in Ophthalmology and Otolaryngology, University of Nashville, 1906-1909; Assistant in Ophthalmology and Otolaryngology, University of Tennessee and University of Nashville, 1909-1911; Assistant in Clinical Ophthalmology and Otolaryngology, 1926-1927; Instructor in Clinical Otolaryngology, Vanderbilt University, 1927—.

Jackson Building.

## HOWARD C. ROBERTSON, M. D.

*Instructor in Clinical Pediatrics*

M. D., Vanderbilt University, 1924; Assistant in Clinical Pediatrics, 1927-1930; Instructor in Clinical Pediatrics, Vanderbilt University, 1930—.

Bennie-Dillon Building.

## JOHN M. SAUNDERS, M. D.

*Instructor in Pediatrics*

M. D., Vanderbilt University, 1930; Assistant in Pediatrics, Vanderbilt University, 1931-1932.

Vanderbilt University Hospital.

## W. K. SHARP, JR., M. D.

*Instructor in Preventive Medicine and Public Health*

M. D., Atlanta College of Physicians and Surgeons, 1913; Acting Assistant Surgeon, U. S. Public Health Service; Director of Division of Local Health Organization, Tennessee State Department of Public Health since 1925; Instructor in Preventive Medicine and Public Health, Vanderbilt University, 1928—.

War Memorial Building.

## NATHANIEL SEHORN SHOFNER, M. D.

*Instructor in Clinical Surgery and in Clinical Anatomy*

A. B., 1915, and M. D., 1919, Vanderbilt University; Demonstrator in Surgery, Western Reserve University, 1922-1924; Assistant in Clinical Surgery, 1925-1927; Instructor in Clinical Surgery and in Clinical Anatomy, Vanderbilt University, 1927—.

Doctors' Building.

## ELBRIDGE SIBLEY, M. A., PH. D.\*

*Instructor in Preventive Medicine and Public Health*

A. B., Amherst College, 1924; M. A., Columbia University, 1925; Ph. D., Columbia University, 1930; Statistician, Tennessee Department of Health; Instructor in Preventive Medicine and Public Health, Vanderbilt University, 1929-1932.

War Memorial Building.

\*—Resigned July 1, 1932.

## HENRY CARROLL SMITH, M. D.

*Instructor in Clinical Ophthalmology*

M. D., Vanderbilt University, 1925; Instructor in Clinical Ophthalmology, Vanderbilt University, 1931—.

Medical Arts Building.

## HOWARD C. STEWART, M. D.

*Instructor in Preventive Medicine and Public Health*

B. S., 1928, and M. D., 1920, University of Nebraska; Certificate of Public Health, Johns Hopkins University, 1925; Instructor in Preventive Medicine and Public Health, Vanderbilt University, 1928—.

War Memorial Building.

## PAUL WARNER, M. D.

*Instructor in Clinical Obstetrics*

M. D., Tulane University, 1927; Assistant in Clinical Obstetrics, 1929-1932; Instructor in Clinical Obstetrics, Vanderbilt University, 1932—.

Medical Arts Building.

## WALTER E. WILKINS, A. B.

*Instructor in Biochemistry*

A. B., Furman University, 1924; Assistant in Biochemistry, 1930-1931; Instructor in Biochemistry, Vanderbilt University, 1931—.

2109 9th Ave. S.

## JACK M. WOLFE, Ph.D.

*Instructor in Anatomy*

B. S., Carson-Newman College, 1928; Ph. D., Vanderbilt University, 1931; Research Assistant in Anatomy, 1929-1930; Instructor in Anatomy, Vanderbilt University, 1930—.

Vanderbilt University Hospital.

## KATE SAVAGE ZERFOSS, M. D.

*Instructor in Clinical Ophthalmology*

M. D., Tulane University of Louisiana, 1922; Assistant in Clinical Ophthalmology, 1930-1932; Instructor in Clinical Ophthalmology, Vanderbilt University, 1932—.

Medical Arts Building.

## ASSISTANTS

JOSEPH W. ALFORD, M. D.

*Assistant in Clinical Medicine*

M. D., Vanderbilt University, 1928; Assistant in Clinical Medicine, Vanderbilt University, 1930—.

Doctors' Building.

RICHARD BALTZLY, PH. D.

*Research Assistant in Pharmacology*

Ph. D., Harvard University, 1931; Research Assistant in Pharmacology, Vanderbilt University, 1931—.

Vanderbilt University Hospital.

LYNCH D. BENNETT, M. D.

*Assistant in Clinical Surgery*

M. D., Vanderbilt University, 1930; Assistant in Clinical Medicine, 1931-1932; Assistant in Clinical Surgery, Vanderbilt University, 1932—.

Nashville General Hospital.

J. FRAZIER BINNS, M. D.

*Assistant in Clinical Pediatrics*

M. D., Vanderbilt University, 1928; Assistant in Clinical Pediatrics, Vanderbilt University, 1932—.

Doctors' Building.

ANNA BOWIE, M. D.

*Assistant in Clinical Gynecology*

A. B., Vanderbilt University, 1913; M. D., University of Texas, 1920; Instructor in Pathology, University of Texas, 1918-1921; Supt. of Baptist Hospital, 1922-1923; Clinical Pathologist, Sealy Hospital, Galveston, 1923-1924; Adjunct in Medicine, University of Texas, 1924-1925; School Physician, Peabody College, 1925; Assistant in Clinical Gynecology, Vanderbilt University, 1928—.

1228 18th Avenue, South.

HENRY B. BRACKIN, M. D.

*Assistant in Clinical Psychiatry*

M. D., University of Tennessee, 1921; Assistant in Clinical Psychiatry, Vanderbilt University, 1929—.

Central State Hospital.

CECIL R. BRADFORD, M. D.

*Assistant in Clinical Gynecology*

M. D., Vanderbilt University, 1924; Assistant in Gynecology, 1924-1925; Assistant in Clinical Gynecology, Vanderbilt University, 1925—.

2112 West End Ave.

ROGER B. BURRUS, M. D.

*Assistant in Clinical Gynecology*

M. D., Vanderbilt University, 1926; Assistant in Clinical Gynecology, Vanderbilt University, 1932—.

Jackson Building.

R. W. BUSHART, M. D.

*Assistant in Clinical Obstetrics and Gynecology*

M. D., University of Louisville, 1930; Assistant in Clinical Obstetrics and Gynecology, Vanderbilt University, 1932—.

Vanderbilt University Hospital.

MARY L. CAMPBELL, A. B.

*Assistant in Anatomy*

A. B., Tusculum College, 1930; Assistant in Anatomy, Vanderbilt University, 1932—.

Vanderbilt University Hospital.

LOREN L. CHASTAIN, B. S.

*Assistant in Physiology*

B. S., Carson-Newman College, 1930; Assistant in Physiology, Vanderbilt University, 1931—.

Vanderbilt University Hospital.

E. GURNEY CLARK, M. D.

*Assistant in Medicine*

M. D., Vanderbilt University, 1931; Assistant in Medicine, Vanderbilt University, 1932—.

Vanderbilt University Hospital.

RUCKER CLEVELAND, A. B.

*Assistant in Anatomy*

A. B., Transylvania College, 1927; Assistant in Anatomy, Vanderbilt University, 1930—.

Vanderbilt University Hospital.

W. J. CORE, M. D.

*Assistant in Clinical Surgery*

M. D., Vanderbilt University, 1915; Assistant to the Chair of Medicine, 1921; Instructor in Medical Jurisprudence and Assistant in Medicine, 1922-1923; Instructor in Medical Jurisprudence and Anaesthetics and Assistant in Medicine, 1923-1925; Assistant in Clinical Surgery, Vanderbilt University, 1926—.

Medical Arts Building.

HENRY M. COX, M. D.

*Assistant in Clinical Surgery and in Clinical Anatomy*

M. D., Vanderbilt University, 1919; Assistant in Surgery, 1920-1925; Assistant in Clinical Surgery and in Clinical Anatomy, Vanderbilt University, 1925—.

151 7th Ave., N.

## JAMES A. CRABTREE, M. D.

*Assistant in Preventive Medicine and Public Health*

M. D., University of Tennessee, 1925; Certificate in Public Health, Johns Hopkins University, 1929; Director of Division of Preventable Diseases, Tennessee Department of Health, 1930; Assistant in Preventive Medicine and Public Health, Vanderbilt University, 1931—.

War Memorial Building.

## R. R. CROWE, M. D.

*Assistant in Clinical Medicine*

M. D., Vanderbilt University, 1928; Assistant in Clinical Medicine, Vanderbilt University, 1930—.

Davidson County Tuberculosis Hospital.

## CARL R. CRUTCHFIELD, M. D.

*Assistant in Clinical Surgery*

M. D., Vanderbilt University, 1915; Assistant to the Chair of Surgery, 1921-1925; Assistant in Clinical Surgery, Vanderbilt University, 1925—.

Doctors' Building.

## JESSIE T. CUTLER, M. S.

*Assistant in Pharmacology*

A. B., Grinnell College, 1924; M. S., Wellesley College, 1927; Assistant in Pharmacology, Vanderbilt University, 1928—.

Vanderbilt University Hospital.

## WILLIAM M. DEDMAN, M. D.

*Assistant in Medicine*

M. D., Vanderbilt University, 1928; Assistant in Medicine, Vanderbilt University, 1931—

Vanderbilt University Hospital.

## DOROTHY DONLEY, M. D.

*Assistant in Medicine*

M. D., Vanderbilt University, 1930; Assistant in Medicine, Vanderbilt University, 1931—

Vanderbilt University Hospital.

## WILLIAM OLIVER FLOYD, M. D.

*Assistant in Clinical Surgery*

B. S., 1907, and M. D., 1910, University of Nashville; Assistant in Surgery, 1917-1925; Assistant in Clinical Surgery, Vanderbilt University, 1925—.

Doctors' Building.

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JACK WITHERSPOON, M. D.	

ASSOCIATE VISITING PHYSICIANS

D. W. HAILEY, M. D.	W. W. HUBBARD, M. D.
JAMES S. READ, M. D.	

ASSISTANT VISITING PHYSICIANS

JOSEPH W. ALFORD, M. D.	W. M. DEDMAN, M. D.
E. GURNEY CLARK, M. D.	DOROTHY DONLEY, M. D.
EDNA S. PENNINGTON, M. D.	

Neuro-Psychiatry

A. W. HARRIS, M. D., *Chief of Neuro-Psychiatric Clinic*

VISITING NEUROLOGIST AND PSYCHIATRIST

FRANK H. LUTON, M. D.

ASSISTANT VISITING NEUROLOGISTS AND PSYCHIATRISTS

W. M. DEDMAN, M. D.	J. P. GILBERT, M. D.
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Dermatology

HOWARD KING, M. D., *Chief of Dermatological Clinic*

VISITING DERMATOLOGIST

C. M. HAMILTON, M. D.

ASSISTANT VISITING DERMATOLOGIST

LEON M. LANIER, M. D.

SURGERY

General Surgery

BARNEY BROOKS, M. D., *Surgeon-in-Chief*  
BEVERLY DOUGLAS, M. D., *Chief of Clinic*

## VISITING SURGEONS

ALFRED BLALOCK, M. D.                      THOMAS D. MCKINNEY, M. D.  
 GEORGE S. JOHNSON, M. D.                DAVID R. PICKENS, M. D.

## ASSOCIATE VISITING SURGEONS

CARL R. CRUTCHFIELD, M. D.            O. G. NELSON, M. D.  
 H. M. COX, M. D.                            C. M. MILLER, M. D.

T. B. ZERFOSS

## ASSISTANT VISITING SURGEONS

ELKIN RIPPY, M. D.                         RALPH M. LARSEN, M. D.

## Orthopedic Surgery

R. W. BILLINGTON, M. D., *Chief of Clinic*

## ASSOCIATE VISITING SURGEONS

ROBERT R. BROWN, M. D.                GEO. K. CARPENTER, M. D.  
 E. M. REGEN, M. D.

## ASSISTANT VISITING SURGEON

J. J. ASHBY, M. D.

## Urological Surgery

PERRY BROMBERG, M. D., *Chief of Clinic*

## ASSOCIATE VISITING SURGEONS

J. C. PENNINGTON, M. D.                HENRY DOUGLASS, M. D.  
 H. C. GAYDEN, M. D.                        E. H. BARKSDALE, M. D.

JOSEPH TRAVENICK, JR., M. D.

## ASSISTANT VISITING SURGEON

L. RUBEN GAYDEN, M. D.

## Ophthalmology

ROBERT SULLIVAN, M. D., *Chief of Clinic*

## ASSOCIATE VISITING SURGEONS

CARROLL SMITH, M. D.                      KATE SAVAGE ZERFOSS, M. D.

## ASSISTANT VISITING SURGEON

A. N. HOLLABAUGH, M. D.

FOWLER HOLLABAUGH, M. D.

## Otolaryngology

M. M. CULLOM, M. D., *Chief of Clinic*

## VISITING SURGEONS

W. G. KENNON, M. D.                        HILLIARD WOOD, M. D.

## ASSOCIATE VISITING SURGEONS

EUGENE ORR, M. D.                         GUY M. MANESS, M. D.



**Dental Surgery**BOYD BOGLE, M. D., D. D. S., *Chief of Clinic*

## VISITING SURGEONS

WALTER M. MORGAN, D. D. S.      O. A. OLIVER, D. D. S.

## ASSISTANT VISITING SURGEONS

W. O. FAUGHT, D. D. S.              FRED HALL, D. D. S.

WILLIAM S. GRAY, D. D. S.        FRANK MAXEY, D. D. S.

**PEDIATRICS**H. R. CASPARIS, M.D., *Pediatrician-in-Chief*KATHARINE DODD, M. D., *Chief of Clinic*

## VISITING PEDIATRICIAN

JOHN M. LEE, M.D.

## ASSOCIATE VISITING PEDIATRICIAN

JAMES C. OVERALL, M. D.

## ASSISTANT VISITING PEDIATRICIAN

J. FRAZIER BINNS, M. D.

**GYNECOLOGY AND OBSTETRICS**

## GYNECOLOGY

LUCIUS E. BURCH, M. D., *Gynecologist and Obstetrician-in-Chief*JOHN C. BURCH, M.D., *Chief of Gynecological Clinic.*

## VISITING GYNECOLOGIST

MCPHEETERS GLASGOW, M. D.

## ASSOCIATE VISITING GYNECOLOGIST

HARLIN TUCKER, M. D.

## ASSISTANT VISITING GYNECOLOGISTS

ANNA BOWIE, M. D.

DEWEY FOSTER, M. D.

C. R. BRADFORD, M. D.

THEODORE MORFORD, M. D.

R. S. DUKE, M. D.

DOUGLAS SEWARD, M. D.

## OBSTETRICS

SAM C. COWAN, M. D., *Chief of Obstetrical Clinic*

## VISITING OBSTETRICIAN

M. S. LEWIS, M. D.

## ASSOCIATE VISITING OBSTETRICIAN

W. B. ANDERSON, M. D.

## ASSISTANT VISITING OBSTETRICIANS

J. S. CAYCE, M. D.

A. E. VAN NESS, M. D.

R. S. DUKE, M. D.

PAUL WARNER, M. D.

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**GENERAL STATEMENT**

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## HISTORY

Vanderbilt University owes its foundation to the munificence of Cornelius Vanderbilt, of New York, who on March 27, 1873, made a donation of \$500,000 for the purpose of establishing a university. This donation was subsequently increased to \$1,000,000.

Further donations were made by Mr. W. H. Vanderbilt, son of the founder, and by Mr. Cornelius Vanderbilt, Mr. W. K. Vanderbilt and Mr. F. W. Vanderbilt, grandsons of the founder. The total gifts of the Vanderbilt family amount to over three million dollars.

Other gifts for the general endowment of the University have been made by many patrons and friends.

Vanderbilt University first granted the degree of Doctor of Medicine in 1875. In 1895 a complete reorganization of the Medical School was undertaken, and the University erected a building on the corner of Elm Street and Fifth Avenue, South, which was considered at that time an adequate and modern Medical School plant. The grounds and facilities of the medical school were greatly extended in 1911 by the purchase of the campus and buildings of the George Peabody College for Teachers, this purchase having been made possible through the generous contribution of Mr. W. K. Vanderbilt for this purpose.

In May, 1913, Mr. Andrew Carnegie contributed \$200,000 to the University to be used for the erection and equipment of a building for the laboratories of the medical school, and later gave \$800,000 as endowment of the school. The funds for the laboratory building were not used for building purposes at the time of the gift, but have been expended in erecting the part of the new medical school plant which is designated as the Carnegie Building.

In 1915 Mr. William Litterer, a capitalist of Nashville, donated to the University the former medical building of the

University of Nashville. This building contained a large assembly hall, class rooms and laboratories of bacteriology and anatomy, and added much to the facilities of the school. This gift is commemorated in the new buildings by a tablet which designates the space devoted to bacteriology as The Litterer Laboratory.

In view of the past record of the school and in view of the favorable location of Nashville as an educational and medical center, Vanderbilt University was selected by the General Education Board of New York as offering an excellent opportunity for the development of medical education, especially in the Southern States. Accordingly in 1919 this Board appropriated the sum of \$4,000,000 to enable the University to effect a complete reorganization of its School of Medicine in accordance with the most exacting demands of modern medical education. The medical faculty entered into this project with a spirit of eager co-operation.

At this time the directors of the Galloway Memorial Hospital deeded to the University its unfinished hospital building located adjacent to the School of Medicine, which represented an expenditure of about \$250,000. Plans were then drawn for completing this hospital building and for making it part of a larger plant for the School of Medicine.

In June, 1921, after careful study, the program for the new medical plant was modified by the action of the Board of Trust, as it became evident that much was to be gained by uniting the School of Medicine with the rest of the University. It was decided, therefore, to construct an entirely new plant on the main campus of the University, and to abandon the developments on the South Campus. This proposition had been considered many times in past years, but had always been abandoned because of lack of means. At this time, however, the advisability of the move was generally recognized, and it became possible by the active

co-operation of the Carnegie Corporation and the General Education Board. By the action of this latter body the University authorities were permitted to use what was needed of the initial appropriation of \$4,000,000 for the erection of a medical school and hospital on the West Campus. The General Education Board and the Carnegie Corporation then united, each giving half of \$3,000,000 to provide additional endowment for the School of Medicine for its operation in the new plant.

The new plant, consisting of a hospital, laboratories for all departments, a school of nursing and power plant, was erected and equipped at a cost of approximately \$3,500,000. The new plant was put into operation in September, 1925. There remains of the original Carnegie gifts and the appropriations by the General Education Board and the Carnegie Corporation a sum of \$5,000,000 for endowment of the School of Medicine and of the Vanderbilt University Hospital. During the period of reorganization of the school, other needs not fully provided for became apparent which were met by further appropriations running over a period of years by the General Education Board and the Carnegie Corporation.

When the new plant was nearing completion an appropriation of \$100,000 was made to the University by the Rockefeller Foundation, to be used over a period of five years for the purpose of furthering the development of nursing education. This sum places the Vanderbilt University School of Nursing on a sound educational basis, comparable to that of the School of Medicine, with which it is closely co-ordinated.

In the spring of 1929, the General Education Board made a donation of \$2,000,000 for additional endowment of the School of Medicine, thus replacing with permanent endowment a series of annual grants to the individual



departments of the institution. This was increased on July 1, 1929, by further donations of \$1,500,000 for endowment of the School of Medicine, and of \$4,000,000 for endowment of the Vanderbilt University Hospital. The result of these additional appropriations is a permanent endowment brought about through the capitalization of a series of annual income grants.

#### THE LESLIE WARNER MEMORIAL FUND FOR THE STUDY AND TREATMENT OF CANCER

This fund was established in 1932 in memory of Leslie Warner, of Nashville, Tennessee. It consists of \$3,600 contributed by the nieces and nephews of Mrs. Leslie Warner, and of \$3,600 donated by Vanderbilt University.

#### BUILDINGS

The building of the School of Medicine is located in the southeast corner of the University Campus. It is constructed in the collegiate Gothic style, the structure being of concrete with brick and limestone walls. The total length of the building from north to south is 458 feet and from east to west 337 feet. The floor area is 255,000 square feet. The building is in reality a series of buildings brought together so that they are all under one roof. The laboratories of the various departments of the Medical School are grouped about a court, which is open on the north side, toward the main part of the campus. The entrance to the Medical School is in the center of this court. The building on the east side of the court is designated as the Carnegie Building, and contains the laboratories of biochemistry, pharmacology and physiology, one floor being devoted to each of these subjects. The building on the west side of the court



contains the laboratories of gross and microscopic anatomy, of pathology, and of bacteriology. In the building forming the south side of the court are the administrative offices of the school, large student laboratories, the Department of Preventive Medicine, the laboratory of surgical pathology and the surgical operating rooms of the hospital.

Around another open court, similar in size and proportions to the medical school court, but opening toward the south, are the hospital wards and an extensive out-patient department. The building on the west side of this court, containing the surgical portion of the hospital, is designated as the Galloway Building, and commemorates the donations made to the Galloway Memorial Hospital which have contributed toward the erection of the new medical plant.

The two buildings connecting the buildings of the north and the south courts contain laboratories, lecture rooms and the library, and form the connecting links between the hospital and the medical school. The laboratories in these buildings are arranged especially for the use of the clinical departments of the school. Another building extending toward the east from the main structure and facing on the Hillsboro Road, built about a closed court, contains the entrance to the hospital and its administrative offices, the living quarters of the resident staff, the kitchens, and on the top floor two wards for private patients. The hospital contains 210 beds.

The entire plant is so arranged that there is free communication between the various departments of the school and the hospital, and the library, with its commodious reading room, is in the center of the building. The medical school is arranged to accomodate two hundred students.

The building for the school of nursing is in conformity with the building of the medical school. It is directly north of the medical school building, facing Hillsboro Road.

The power house is located on the west side of the campus, facing Twenty-fourth Avenue. It serves the medical school and the hospital with steam and electricity, being connected with them by a large tunnel. It also supplies the other University buildings with steam. In addition to the boiler plant and electrical equipment, the power house contains the hospital laundry.

#### FACILITIES FOR INSTRUCTION

The buildings of the School of Medicine contain all the necessary departments, facilities and equipment for conducting a modern hospital and for the teaching of all the subjects contained in the medical curriculum. The laboratory and clinical facilities are closely co-ordinated, with the purpose that there shall be a ready flow of ideas between the laboratories of the medical sciences and the wards and out-patient department. Teaching laboratories, especially designed for their respective uses, are provided for gross and microscopic anatomy, biochemistry, physiology, bacteriology, pathology, pharmacology, preventive medicine, and for the clinical departments.

There are also a number of lecture rooms equipped with projection apparatus and other modern accessories for teaching, as well as an amphitheatre for clinical demonstrations which can accommodate practically the entire student body. Besides meeting the needs fully for the usual type of medical instruction, each department is provided with accommodations for a large number of advanced students and research workers.

The hospital consists of six units of from 26 to 40 beds. These units are designed for the following uses: One unit for male medical cases, one for female medical and pediatric cases, one for male surgical cases, one for female surgical and obstetrical cases, half a unit for private medical cases, half a unit for private surgical cases, and one divided unit for male and female colored patients. The entire hospital is operated by members of the teaching staff of the School of Medicine.

Adjoining each ward of the hospital there is a laboratory equipped for the more generally used diagnostic laboratory procedures in which students perform the various tests and examinations which the cases assigned to them may require. Each ward laboratory is provided with lockers for the microscopes and other instruments the students are required to own.

The out-patient department occupies the entire first floor of the southern portion of the building. It is especially designed for teaching and contains a series of examining, treatment and teaching rooms for general medicine and surgery, pediatrics, neurology, dermatology, dentistry, orthopedic surgery, ophthalmology, otolaryngology, obstetrics, gynecology, and urology. A waiting room adjoins each department, and several small clinical laboratories are placed in convenient locations. A demonstration room, accommodating about one hundred students, is also provided in the out-patient department.

The department of radiology, equipped for fluoroscopic examinations, the making of radiograms, X-ray treatment, and for demonstration and study of radiograms, adjoins the out-patient department.

The surgical operating rooms are placed over the central portion of the medical school court, facing north. There are three large and one small operating rooms, and an obstetrical delivery room. A room for students is provided on the operating room floor.

Besides the clinical facilities offered by the wards and out-patient departments of the University Hospital, the School of Medicine has been granted the professional control of the Nashville General Hospital during eight months of the year and uses its one hundred ward beds for clinical instruction. Teaching privileges have also been accorded to the school by St. Thomas Hospital, the Central State Hospital for the Insane, the Isolation Hospital and the Davidson County Tuberculosis Hospital.

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## REQUIREMENTS FOR ADMISSION AND GRADUATION

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## REQUIREMENTS FOR ADMISSION

The School of Medicine selects its students from those who fulfill one of the following conditions:

1. Graduates of collegiate institutions of recognized standing.

2. Seniors in absentia of collegiate institutions of recognized standing who will be granted the Bachelor's degree by their colleges after having completed successfully at least one year of the work of the School of Medicine. A properly accredited statement to this effect from the colleges shall accompany all applications for admission as seniors in absentia. A form is furnished for this purpose.

3. Students of foreign universities of recognized standing who have completed at least the equivalent of three years of collegiate education may be admitted to the School of Medicine at the discretion of the Committee on Admissions.

As admission to the School of Medicine is competitive, students will be selected on the basis of the *quality* of their college work and the general fitness of the applicant for the study of medicine.

Every candidate must present evidence of having satisfactorily completed during his collegiate course the following minimum requirements, in which a semester hour is the credit value of sixteen weeks' work consisting of one hour of lecture or recitation or at least two hours of laboratory work:

1. *Biology*.—One full course of eight semester hours, of which four must consist of laboratory work. The course may be general biology, zoology, or zoology and botany, but not more than half may be botany.

2. *Chemistry*.—Twelve semester hours are required, of which at least eight semester hours must be in general in-



organic chemistry, including four semester hours of laboratory work, and of which four semester hours must be in organic chemistry, including two semester hours of laboratory work.

3. *Physics*.—Eight semester hours are required, of which at least two must be laboratory work. The first year of college mathematics should be prerequisite to the course in physics. It is desirable that emphasis be placed on quantitative laboratory work.

4. *English and composition*.—Six semester hours.

5. *A modern foreign language*.—Six semester hours based on two units in high school or their equivalent in college.

The following recommendations are made in order to guide students intending to study medicine in the selection of their college courses.

1. *Biology*.—An advanced course of at least eight semester hours including at least two semester hours of laboratory work is highly desirable. This course should include vertebrate anatomy and embryology. If it does not, these subjects should be covered in other courses.

Credit will not be given for courses in physiology, histology, hygiene, sanitation, entomology, special bacteriology, neurology and similar subjects covered in the medical curriculum. Students are advised not to take such courses as part of their college work.

2. *Chemistry*.—The chemical preparation should include courses in the physical chemistry of solution and in quantitative technic. The latter may well be part of the laboratory work in physical chemistry. Those students who have not had physical chemistry are advised to supplement their preparation by studying a modern text such as Chapin's "Second Year College Chemistry" (John Wiley and Sons New York.)

Credit toward the minimum requirements will not be given for work in physiological and nutritional chemistry covered in the medical curriculum. The student is advised to devote any extra time available for chemistry to more fundamental courses in chemistry.

The ability to utilize ordinary mathematics, such as college algebra and logarithms, is essential in the study of modern chemistry, and a knowledge of elementary calculus is highly desirable.

3. *Physics*.—In addition to the required course in physics, special courses in electricity, light, etc. are desirable and will be considered on the same basis as extra courses in physical and quantitative chemistry.

4. *Psychology*.—A course of at least 4 semester hours, that deals especially with experimental or abnormal psychology, is recommended.

5. *Modern foreign languages*.—A reading knowledge of German and French is especially desirable for the study of medicine, and preference will be given to students who have taken college courses in these languages which should make available to them the scientific literature in these languages. A college course of six semester hours, based on two units in high school or their equivalent in college, is considered the minimum for this purpose. Credit is given for a reading knowledge of these languages without college credit, when it is demonstrated by examination.

The number of students admitted to the first year class of the School of Medicine is limited to fifty.

Women are admitted on equal terms with men.

Each applicant is required to furnish the names of three persons as references, two of them preferably from among his science teachers, when filing his application. A small unmounted photograph is also required at this time, and the result of a general intelligence test is also requested.

Applications for admission should be filed at as early a date as possible, and not later than May 15th of the year during which admission is sought. The applications are passed upon by the Committee on Admissions when received, and a final decision of acceptance or rejection may be reached at any time. Successful applicants are required to make a deposit of \$50.00 within a specified time after notification of their admission. This deposit is not returnable, but is credited toward the payment of the first tuition, and in the event that the student does not matriculate, it is not returnable. Failure to make this deposit within the specified time causes the applicant to forfeit his place in the school.

Application forms may be obtained by applying to the Registrar, Vanderbilt University, School of Medicine.

#### REGISTRATION

All students are required to register and to pay the fees for the first half of the year on September 27 or 28, 1932, and for the second half year on or before January 31, 1933.

Any student who has failed to pay tuition and other fees ten days after they are due will be excluded from classes, except when under unusual circumstances an extension of time is allowed by the dean. This rule will be applied when such an extension of time has elapsed.

All students who fail to register on the days designated will be charged a fee of \$3.00 for late registration.

#### THE MEDICAL-SCIENTIFIC COURSE OF THE COLLEGE OF ARTS AND SCIENCE

In order to meet fully the requirements for entrance to Medicine, but at the same time to retain the cultural value of academic work and yet effect a saving of a year, the College offers the Medical-Scientific Course covering three years. Students who have satisfactorily completed

the above course and whose applications for admission to the School of Medicine have been officially accepted, will, upon the completion of the first-year course in medicine, be given twelve hours' credit toward the Bachelor's degree.

Students desiring information in regard to this course should write to Dean F. C. Paschal of the College of Arts and Science, Vanderbilt University.

#### ADMISSION TO ADVANCED STANDING

Students may be admitted to advanced standing when vacancies occur under the following conditions. Applications for advanced standing should be filed according to the procedure described for admission to the first year class, acceptable applicants being required to make the same deposit of \$50.00. Applicants must furnish acceptable evidence of having completed the conditions of admission as stated above, and of having satisfactorily completed in an accredited medical school all the work required of students of the class they desire to enter. They must also present a certificate of honorable dismissal from the medical school or schools they have attended. Examinations may be required on any of the medical courses taken in another school.

#### EXAMINATIONS AND PROMOTIONS

Successful completion of the various courses of the medical curriculum and the scholastic standing are determined by the character of the students' daily work and the results of examinations. Examinations may be written, oral or practical, and they may be held either at the completion of each course or at the end of the academic year. The quality of the work of each student is considered, usually at the end of each trimester, by a committee composed of the instructors responsible for his more important courses.



Students who fail in two major subjects at any time during their medical course may be required to withdraw from the school. Students who fail in two major subjects in the same department during a scholastic year or fail a re-examination in a major subject may be required to withdraw from the school. Students who have had no reported failures may be required to withdraw from the school if their work has been of general unsatisfactory quality. Students may be given credit for a subject by re-examination, but failures remain on their records, and may be counted as a cause for requesting withdrawal, provided another failure in a major course occurs. Major Courses are as follows:

*First Year*—Gross Anatomy, Histology, Neurology, Biochemistry, and Physiology.

*Second Year*—Bacteriology, Pathology, Pharmacology, Physical Diagnosis, Clinical Pathology, and Parasitic Diseases.

*Third Year*—Medicine, Surgery, Surgical Pathology, Obstetrics.

*Fourth Year*—Medicine, Surgery, Preventive Medicine, Pediatrics, Gynecology.

No information regarding the relative scholastic standing of students is given out from the office of the dean. Students will be notified whenever the Committee on Promotion and Graduation considers their work of poor quality, thus serving notice of the necessity for greater effort in order to carry the work of the school.

Any student who indicates by his work or his conduct that he is unfit for the practice of medicine may at the discretion of the Executive Faculty be requested to withdraw from the school at any time.

Students who at the beginning of an academic year have failed to complete all the work of the preceding years may not be allowed to carry all the prescribed courses. This rule applies especially to courses for which adequate preparation has not been gained by the completion of preceding courses.

Students may be required to repeat courses that they fail to pass on re-examination.

### ELECTIVE WORK

Students are required to obtain credit for six units of elective or special work during their course. One unit is equivalent to two hours a week for one trimester. Elective units may be obtained as credit for elective courses or for a thesis prepared under the direction of and acceptable to the head of a department. Students entering elective courses are required to complete them in order to obtain elective units.

Elective units may also be obtained for special work done in or accepted by any department. Additional units may be granted for special work when such work is considered by a committee of the faculty to be of superior quality.

Students are advised to consult the head of a department in which they may care to take special or elective work. This work need not be in a department in which required courses are being carried.

A notice in writing must be given to the Registrar at the time elective or special work in any department is begun. Students failing to give such notice may not receive elective credits for the work.



### REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years and be of good moral character. They must have spent at least four years of study as matriculated medical students, the last of which has been in this school. They must have satisfactorily completed all the required courses of the medical curriculum, have passed all prescribed examinations, and be free of indebtedness to the University. At the end of the fourth year every student who has fulfilled these requirements will be recommended for the degree of Doctor of Medicine.

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## GENERAL INFORMATION

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## FEES AND EXPENSES

Tuition Fee for the Year 1932-1933..... \$300.00

This fee is payable in two equal installments, at the beginning of the session and on or before January 31.

Contingent Fee..... 10.00

This fee covers breakage of apparatus and damage to buildings, and will be returned, less the charges, at the close of each academic year.

Diploma Fee, charged to Fourth Year Students, payable on or before April 1, 1933..... 5.00

A fee for the support of the Student Union is charged to each student of the University..... 5.00

Tuition charges for graduate students, special students, and students taking less than a full schedule, are determined by the Registrar, with the approval of the Dean.

Fourth-year students are required to pay a rental charge of \$2.00 for academic hoods at commencement.

Graduate students who enroll in regular courses in the medical curriculum for credit toward an academic degree will, if they later become candidates for the Doctor of Medicine degree, be required to pay the full tuition as indicated above.

## MICROSCOPES, BOOKS, APPARATUS, ETC.

Each student is required to possess a standard microscope, equipped with a substage light. In order to aid the first-year students in purchasing a microscope, the School of Medicine will advance three-quarters of the purchase price, to be repaid in three equal installments, payable in twelve, twenty-four and thirty-six months after the date of purchase.

The necessary or desirable books cost about \$50.00 a year.

All students are required to provide themselves with hemocytometers and hemoglobinometers before the beginning of the second trimester of the second year. They are required also to provide laboratory gowns, and while working in the hospital wards and out-patient department they shall wear clean white coats.

No rebate of tuition fees can be obtained for absence, except in cases of prolonged illness certified to by a physician. Students withdrawing from the school or receiving their dismissal are not entitled to any return of fees.

The average annual expenses of a student in the School of Medicine, exclusive of clothes and incidentals, are estimated from the foregoing items as amounting to \$800.00 to \$1000.00.

## HONORS AND ORGANIZATIONS

*Founder's Medal*—This medal is awarded to the student in the graduating class of each School of the University who has attained the highest average standing in scholarship throughout the four years of study.

*The Commonwealth Fund Scholarships*—The Commonwealth Fund provides an annual grant as a scholarship fund for deserving medical students. The terms of the scholarship require that a student who receives such consideration shall agree to practice as much as three years in a rural area in Tennessee after graduation and after having served an internship of not less than one year. The scholarships may be renewed for each of the four years of medical study. While preference will be given to residents of Tennessee, applicants of states adjacent to it may be considered in the event it is not possible to award these scholarships to worthy students within Tennessee. It is important that applications be filed prior to April 1, and blanks for this purpose may be obtained by addressing the Registrar of the School of Medicine.

*The Beauchamp Scholarship*—This scholarship, founded by Mrs. John A. Beauchamp in memory of her husband, who was for many years Superintendent of the Central State Hospital for the Insane, at Nashville, is awarded to the student showing greatest progress in the department of neurology and psychiatry and who is otherwise worthy and deserving.

*The William Litterer Prize in Bacteriology*—Established in 1931 by Dr. William Litterer of Nashville, this prize, amounting to \$100, is awarded annually to the fourth-year student doing the best research work in Bacteriology.

*Alpha Omega Alpha*—A chapter of this Medical Honor Society was established by charter in the School of Medicine in 1923. Not more than one-fifth of the students of the senior class are eligible for membership and only one-half of the number of eligible students may be elected to membership during the last half of their third year. This society has for its purpose the development of high standards of personal conduct, and scholarship, and the encouragement of the spirit of medical research. Students are elected into membership on the basis of their scholarship, character and originality.

#### ALUMNI MEMORIAL HALL

The Alumni Memorial Hall was erected during 1924 and 1925 through contributions by the alumni and their friends as a monument to the Vanderbilt men who fell in the World War. It is a handsome building in the collegiate Gothic style designed chiefly as a center for the social life of the University. It contains a memorial hall, lounging, reading and recreation rooms, a small auditorium and offices for various student activities. The offices of the Alumni Association are in this building. There is also a club room for the members of the faculty.

#### THE STUDENT COUNCIL

The Student Council consists of representatives of the College of Arts and Science, and the Schools of Engineering, Law, Medicine and Religion. The Council represents the whole body of students on the Campus, calls and conducts general meetings and elections, takes part in the management of student publications, receives communications from the Chancellor and faculties, and, in general, leads and directs student activities.



### HONOR SYSTEM

All examination work in this University is conducted under the Honor System.

For the successful operation of the Honor System the cooperation of every student is essential. It is the duty of each student to show his appreciation of the trust reposed in him under this system, not alone by his own conduct, but by insisting on the absolute honesty of others in his class. For the purpose of investigating cases of violation of this system, there exists a Student Honor Committee.

### STUDENT HEALTH SERVICE

All members of the first-year class and all students transferring from other institutions, are required to undergo a thorough physical examination within two weeks after the date of admission. Records of these examinations are kept, and students are advised concerning their physical condition and general health.

A member of the medical staff is appointed physician to the students. He has a regular daily office hour in the hospital, and should be consulted by any student who feels in any way indisposed. Students are referred by him to various members of the hospital staff whenever there are indications for such consultations, and all applications for medical care must be made first to the physician to students. There are no fees for this service. Students are admitted to the wards of the hospital when necessary at one-half the regular rate, and they usually occupy beds in small separate wards. No reduction is made for students occupying rooms in the private pavilions.

The facilities of the Southern Graduate Y. M. C. A. School, which include swimming, handball, basketball, tennis, physical exercises, etc., are available to medical

students. A fee of \$6.67 a trimester is charged by the Southern Graduate Y. M. C. A. School, \$4 to be paid by the student and the balance by the School of Medicine.

#### THE ABRAHAM FLEXNER LECTURESHIP

Announcement was made in the fall of 1927, that Mr. Bernard Flexner of New York City had given fifty thousand dollars to Vanderbilt University for the purpose of establishing the Abraham Flexner Lectureship in the School of Medicine. This Lectureship is awarded every two years to a scientist of outstanding attainments, who shall spend as much as two months in residence in association either with a department of a fundamental science or of a clinical branch. This Lectureship may also be given to one who has specialized in some science basic in the study of medicine.

The third series of Abraham Flexner Lectures will be given in the spring of 1933 by Dr. Francis R. Fraser, Director of the Medical Unit and Professor of Medicine at the St. Bartholomew Hospital and Medical School, London, England.

#### THE PHI BETA PI LECTURE

The Phi Beta Pi Lecture was established by the Nashville chapter of the Phi Beta Pi medical fraternity. This lecture is given under the auspices of the faculty of the School of Medicine. Each year a lecturer of prominence is selected, and the lecture is open to the medical students, faculty, and local members of the medical profession. The lecturer for 1931-1932 was Dr. Thomas C. Cullen, Professor of Gynecology in the Johns Hopkins University School of Medicine.

### THE VANDERBILT MEDICAL SOCIETY

The medical society holds regular monthly meetings throughout the academic year, on the first Friday of each month at 8 p. m. in the medical school. At these meetings papers are presented by the teaching staff and students of the school, representing the research that is being carried on in the various departments. Patients presenting interesting and unusual conditions are also demonstrated. These meetings are open to students of the school and to the medical profession of the community.

The officers of the Vanderbilt Medical Society for 1932-1933 are Dr. Hugh J. Morgan, President, and Dr. Alfred Blalock, Secretary.

## LIBRARY

EILEEN R. CUNNINGHAM, *Librarian*  
PEARLE C. HEDGES, *Senior Librarian*  
FRANCES MCKEE, *Assistant*  
DORINDA KNOPP, *Assistant*  
AGNES GAUTREAUX, *Assistant*

The Library of the Medical School contains at present over 28,000 volumes and receives approximately 386 current medical periodicals. The back files of medical journals are being completed as rapidly as possible and new sets and current subscriptions are being constantly added. The Library is in charge of trained librarians who assist readers in the use of the material available. The Library is open not only to members of the staff and students of the school, but also to members of the Nashville Academy of Medicine and to other members of the medical profession. The hours are from 8:30 A. M. to 6:00 P. M. and from 7:00 P. M. to 10:00 P. M. every week day, Saturdays from 8:30 A. M. to 5:00 P. M. and Sundays from 2:00 P. M. to 5:00 P. M. during the academic year.

The students of the first-year class will be given, early in the first trimester, a brief period of instruction in the use of a medical library. The students are taught the arrangement of the library, and are made familiar with the use of the bibliographical material available, both English and foreign. The students are shown how to consult reference works and indices, and how to prepare bibliographies.

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**GENERAL PLAN OF  
INSTRUCTION AND  
DESCRIPTION OF COURSES**

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## GENERAL PLAN OF INSTRUCTION

Each academic year with the exception of the first (semesters), is divided into three trimesters of eleven weeks each. Required lectures, classroom and laboratory work and practical work with patients occupy approximately seven hours a day on Mondays, Wednesdays and Fridays of each week. The afternoons of Tuesdays, Thursdays and Saturdays are generally free from required work throughout the course. The first two of these afternoons are intended for optional work in elective courses, in the library, or in supplementing the regular work in the laboratories or hospitals. As Tuesday and Thursday afternoons are usually free from required work for all classes, with the exception of the first year class, there is an opportunity for students of different classes to work together in elective courses. This feature of the curriculum tends, to some extent, to break down the sharp distinction between the classes. It also allows students to return to departments in which they have developed special interests.

Saturday afternoons are set aside for recreation, and work at these times is not encouraged.

Admission to the School of Medicine presupposes that every student has had an adequate preparation in chemistry, physics and biology, and the proper comprehension of practically every course in the medical curriculum is dependent upon knowledge gained in previously required courses. The proper succession of courses is therefore an important factor in determining the medical curriculum. Another important factor is, however, the correlation of courses. In several instances courses given simultaneously are planned to supplement and expand each other. Such correlation also allows students to study a subject from different points of view, and one course may often excite an interest in another.



Although there is no sharp demarcation in the curriculum between the laboratory and the clinical courses, the first year and the greater part of the second year are taken up in the study of the medical sciences,—anatomy, biological chemistry, physiology, bacteriology, pathology and pharmacology.

During the third trimester of the second year attention is strongly focused on technical training needed for the study of patients, which is begun in the hospital wards with the beginning of the third year, the students being assigned to the various wards of the hospitals in groups. The fourth year students are assigned to the different divisions of the out-patient department. By this arrangement the less mature students see the more out-spoken manifestations of disease under conditions which allow their study with greater facility, while the more mature students study the early manifestations of disease, when their recognition is more difficult. The senior students work also more independently under conditions more nearly like those obtaining in the practice of medicine. During the fourth year an opportunity is also given the students to acquire some of the simpler methods of specialists. No attempt is made however, to give them sufficient knowledge or experience, to encourage them to enter upon the practice of a specialty without serious post-graduate study.

Throughout the latter half of the course the students are taught as far as possible by practical work, and every effort is made to develop sound and well-trained practitioners of medicine.

Finally, during the fourth year courses in preventive medicine are given, with the intent of familiarizing the student with the more important aspects of the prevention of disease, of public health and of hygiene. An attempt is

also made to interest the student in the relation of disease and injury to society, and to awaken in him a consciousness of his broader obligations to his community and to its social organization. Various aspects of prevention of disease are introduced throughout the entire medical curriculum to the end that the graduate of medicine is imbued with the "Preventive Idea." The out-patient department is utilized in giving the student a practical knowledge of the social aspects of disease, as well as the application of the principles of prevention in relation to medical practice.

#### COURSES OFFERED TO CANDIDATES FOR GRADUATE DEGREES

Candidates registered by the Committee on Graduate Instruction of the University for the degree of Master of Science or of Doctor of Philosophy, may pursue work in the Medical Sciences given in the Medical School, either in regular courses or in special elective courses, provided such students are accepted by the heads of departments offering courses. Graduate work in the Medical Sciences is regulated by the Committee on Graduate Instruction of the University, which controls such work in all departments of the University. Candidates for graduate degrees should apply to Dean F. C. Paschal, and confer with the chairman of the Committee of the Medical Faculty on Graduate Instruction (see page 44 for personnel of Committee).

#### POSTGRADUATE INSTRUCTION IN MEDICINE

Postgraduate instruction in the School of Medicine has been placed under the direction of a faculty committee and a Director of Postgraduate Instruction, in cooperation with the heads of the departments. Courses may be offered at any time during the year for periods of varying length. Only a limited number of physicians can be admitted to any course.

A description of available courses may be found in the catalog on pages 121-124. More detailed information may be obtained concerning postgraduate instruction by writing the Director.

### SUMMARY OF THE REQUIRED HOURS OF THE CURRICULUM

First Year		Second Year	
<i>Subjects</i>	<i>Hours</i>	<i>Subjects</i>	<i>Hours</i>
Anatomy.....	352	Bacteriology.....	176
Histology.....	112	Pathology.....	341
Neurology.....	112	Pharmacology.....	110
Biochemistry.....	288	Clinical Pathology.....	77
Physiology.....	288	Parasitic Diseases.....	77
	—	Physical Diagnosis.....	110
Total.....	1152*	Principles of Surgery.....	55
		Psychobiology.....	11
		Surgical Clinics.....	11
		Medical Clinics.....	11
		Total.....	979
Third Year		Fourth Year	
<i>Subjects</i>	<i>Hours</i>	<i>Subjects</i>	<i>Hours</i>
Medicine.....	287	Surgery.....	165
Surgery.....	309	Medicine.....	132
Surgical Pathology.....	99	Preventive Medicine.....	110
Obstetrics.....	170	Gynecology and Obstetrics..	99
Pediatrics.....	60	Pediatrics.....	99
Pathology.....	33	Psychiatry.....	33
Neurology.....	22	Urology.....	55
Psychiatry.....	22	Orthopedic Surgery.....	44
	—	Ophthalmology.....	44
Total.....	1002	Otolaryngology.....	33
		Dermatology.....	44
		Neurology.....	33
		Pathology.....	33
		Immunology and Serology... 22	
		Medical Jurisprudence..... 22	
		Therapeutics.....	22
		Radiology.....	11
		Total.....	1001

## COURSES OF INSTRUCTION

Courses that are numbered 21 or above may be taken under conditions stated on page 89 as meeting part of the requirements for a graduate degree.

All elective courses are listed in italics.

### ANATOMY

- R. S. CUNNINGHAM, *Professor of Anatomy.*  
K. E. MASON, *Associate Professor of Anatomy.*  
SAM L. CLARK, *Associate Professor of Anatomy.*  
EDNA H. TOMPKINS, *Assistant Professor of Anatomy.*  
JACK M. WOLFE, *Instructor in Anatomy.*  
J. B. HIBBITTS, JR., *Instructor in Clinical Anatomy.*  
N. S. SHOFNER, *Instructor in Clinical Anatomy.*  
MARY L. CAMPBELL, *Assistant in Anatomy.*  
RUCKER CLEVELAND, *Assistant in Anatomy.*  
H. M. COX, *Assistant in Clinical Anatomy.*

Courses of instruction are provided in the various anatomical sciences, histology, organology, neurology and gross human anatomy, and opportunities are offered for advanced work and investigation in these sciences.

Physicians and properly qualified students, not candidates for medical degrees, may be admitted to any of the courses by special arrangements with the instructors and may undertake advanced work and original research.

21. GROSS ANATOMY OF THE HUMAN BODY. This course is devoted to a systematic dissection of the human body. The instruction is largely individual and the work of the student is made as independent as possible. Twenty-two hours a week from September 29 to February 4. First semester of the first year.

DR. MASON, DR. WOLFE, DR. HIBBITTS, AND MISS CAMPBELL.

22. HISTOLOGY. The object of the course is to give the student a familiarity with the normal structure of the principal tissues and organs of the body. Fresh tissue is used in reference to evidences of

cellular function and students are taught the use of stains for the purpose of analyzing the characteristics of particular cells. In connection with the laboratory course, demonstrations are given which are designed to illustrate the range of histological technique. Fourteen hours a week from September 29 to December 2. First semester of the first year.

DR. CUNNINGHAM, DR. TOMPKINS AND MISS CLEVELAND.

23. *NEUROLOGY.* The laboratory work in neurology is intended to give the student a knowledge of the position and relation of the nuclei and the tracts of the brain and cord as far as they can be made out in gross specimens and in dissections. This is supplemented by the study of serial sections and experimental demonstrations. The lectures are a guide to the laboratory course and aim to present the type of evidence on which our present conceptions of the nervous system are based. Fourteen hours a week from December 2 to February 4.

DR. CLARK, DR. TOMPKINS, AND MISS CLEVELAND.

24. *Topographical-Applied Anatomy.* This course is devoted to the practical consideration of the anatomical structures chiefly concerned in clinical surgery and medicine.

Lectures and laboratory work six hours a week during the third trimester of the second year.

DR. SHOFNER AND DR. COX.

25. *Study Room.* This course is designed to permit individual study of anatomical material of various kinds. It is also intended to afford opportunity for the completion of unfinished dissections. Great latitude in choice of work is permitted. Hours and credit by arrangement.

DR. WOLFE.

26. *Hematology.* Opportunity is given for a limited number of students to learn the newer methods used in the study of the morphological constituents of the blood. Hours and credit by arrangement.

DR. CUNNINGHAM AND DR. TOMPKINS.

30. *The Endocrine System.* Lectures, conferences and discussions on the comparative morphology and the physiology of the glands



of internal secretion, with a comprehensive review of the experimental and clinical studies relating to the function of these glands. Hours and credit by arrangement.

DR. MASON.

31. *Reproductive System.* Conferences, demonstrations and laboratory work on the various phases of reproduction in the female. Especial emphasis is placed on ovulation, placentation and the factors involved in the periodicity of the reproduction cycle. Hours and credit by arrangement.

DR. WOLFE, MISS CLEVELAND AND MISS CAMPBELL.



## BIOCHEMISTRY

CHARLES S. ROBINSON, *Professor of Biochemistry.*

J. M. JOHLIN, *Associate Professor of Biochemistry.*

WALTER E. WILKINS, *Instructor in Biochemistry.*

FERRIN B. MORELAND, *Assistant in Biochemistry.*

L. E. McELDOWNEY, *Assistant in Biochemistry.*

RALPH G. JOHNSON, *Assistant in Biochemistry.*

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21. CHEMISTRY OF SOLUTIONS AND OF FOODS. The lectures include a review of, and an application to, body processes of the more important properties of solutions, including the gas laws, osmotic pressure, surface tension, measures of acidity, electrolyte equilibrium, membrane equilibrium, and buffer substances. They also include the study of the chemistry and properties of food substances and of body tissues.

The laboratory work furnishes an intensive drill in the quantitative utilization of these principles, including calibration of apparatus, use of indicators, preparation of normal and buffer standards as well as experimental work involving these factors and the properties of food substances.

22. PHYSIOLOGICAL CHEMISTRY. The course outlines the chemistry of body processes including digestion, metabolism, respiration, circulation and excretion under both normal and abnormal conditions.

In the laboratory the more important chemical and research methods are used as the basis for both an intensive drill in practical quantitative technic and as a means of acquiring familiarity with the normal values of the constituents of body fluids.

These two courses will be given concurrently during the last half of the first year and together satisfy the requirements for the medical course.

18 hours a week for 16 weeks beginning February 1. Second semester of the first year.

DR. ROBINSON, DR. JOHLIN AND STAFF.

23. *Advanced Work in Biochemical Methods.* Open to a limited number of properly qualified students. Admission to course, hours and credit by arrangement.

DR. ROBINSON AND STAFF.

24. *Research Work in Biochemistry.* Admission to course, hours and credit by arrangement.

DR. ROBINSON AND STAFF.

25. *Advanced Work in Colloidal Chemistry.* Admission to course, hours and credit by arrangement.

DR. JOHLIN.

26. *Advanced Pathological Chemistry.* Lectures and Seminar on Recent Developments in Biochemistry in Relation to Medicine.

Open by arrangement to third and fourth-year students as elective work.

DR. ROBINSON.

27. *Seminar in Biochemical Literature.* Admission and hours by arrangement.

THE STAFF.

## PHYSIOLOGY

WALTER E. GARREY, *Professor of Physiology*  
CHARLES EDWIN KING, *Associate Professor of Physiology*  
HERBERT S. WELLS, *Assistant Professor of Physiology.*  
W. RAY BRYAN, *Instructor in Physiology.*  
LOREN L. CHASTAIN, *Assistant in Physiology.*

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21. **PHYSIOLOGY.** This course for first-year medical students is designed to cover the essentials of medical physiology. Lectures and laboratory work begin with the opening of the second semester.

DR. GARREY, DR. KING AND STAFF.

22. *Physiological Technique and Preparations.* A course designed for advanced degrees. Time and credits by arrangement.

DR. GARREY, DR. KING AND DR. WELLS.

23. *Special Physiology.* Optional work for medical students. Experiments dealing with phases of pathological physiology, or other work of special interest to a group of students. Tuesday and Thursday afternoons of the autumn trimester.

DR. GARREY, DR. KING AND DR. WELLS.

24. *Research.* Facilities for research will be provided to graduate students who show special aptitude or who are candidates for advanced degrees. Hours and credit by arrangement.

DR. GARREY, DR. KING AND DR. WELLS.

## PATHOLOGY

ERNEST W. GOODPASTURE, *Professor of Pathology.*  
ROY C. AVERY, *Associate Professor of Bacteriology.*  
C. EUGENE WOODRUFF, *Assistant Professor of Pathology.*  
WILLIAM A. DEMONBREUN, *Instructor in Pathology.*  
JAMES R. DAWSON, *Instructor in Pathology.*  
CLAUD D. JOHNSON, *Assistant in Pathology.*  
LURLINE V. RICHARDSON, *Assistant in Bacteriology.*  
ROBERT SCHREK, *Assistant in Bacteriology.*

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21. GENERAL AND SPECIAL PATHOLOGY. Various phases of general and special pathology are presented by lectures, demonstrations, discussions and laboratory work. Both the gross and the microscopic lesions characteristic of various diseases are studied and correlated. The class attends and may assist with post mortem examinations performed during the year. During the latter half of the course an opportunity is afforded for the class to see manifestations of disease in patients, and an attempt is made to bring together the clinical picture and the pathological lesion of as many conditions as possible.

Seventeen hours of lectures and laboratory work a week during the first trimester and fourteen hours of lectures, laboratory work and clinical demonstrations a week during the second trimester of the second year.

DR. GOODPASTURE, DR. WOODRUFF AND STAFF.

22. CLINICAL PATHOLOGICAL CONFERENCES. This is a weekly meeting of the third and fourth year students, and members of the hospital staff at which the clinical aspects and diagnosis of fatal cases are discussed, followed by an exposition and an explanation of the pathological changes that are discovered at autopsy.

One hour a week throughout the third and fourth years. Dr. Goodpasture in conjunction with members of the clinical staff.

23. *Graduate Work.* Students who are pursuing graduate work in the medical sciences may be accepted for minor courses of study in anatomical pathology, provided they have had adequate preparation in anatomy and histology. A course in general and special pathology and opportunities for research are offered. Hours and credit by arrangement.

24. BACTERIOLOGY. The course in Bacteriology consists of lectures and laboratory work. Emphasis is placed upon the aspects of bacteriology and immunology that are directly pertinent to an understanding of the etiology and pathogenesis of infectious disease and its practical bacteriological diagnosis. The fundamental principles of bacteriology are illustrated by applying them to the practical study of infectious material from patients in the University Hospital. During the course, the student receives considerable first-hand training in the more important bacteriological methods used in the examination of clinical material.

Through the cooperation of the Department of Preventive Medicine, lectures on the public health aspects of representative infectious diseases are given as a part of the course, with a view of correlating the bacteriological studies of the specific organisms with the epidemiological principles involved in the control of the communicable diseases.

Sixteen hours of lectures and laboratory work a week during the first trimester of the second year.

DR. AVERY AND STAFF.

25. IMMUNOLOGY. The course in Immunology consists of lectures and demonstrations. The fundamental principles of immunology are represented upon a theoretical basis. The importance of these principles is illustrated by a consideration of their practical application to the problems of resistance to infection and seriological methods of diagnosis. Emphasis is placed upon the specific biological products used in the prevention and treatment of certain infectious diseases.

One hour a week during the second and third trimesters of the fourth year.

DR. AVERY AND STAFF.

26. *Advanced Medical Bacteriology and Immunology.* This course includes advanced training in special methods used in the study of problems of immediate relation to infectious diseases. Hours and credit by arrangement.

DR. AVERY AND STAFF.

27. *Microbiology.* This course consists of a study of various phases of the mechanism of bacterial metabolism; bacterial enzymes; influence of different environmental factors upon bacterial growth, etc. Hours and credit by arrangement.

DR. AVERY.

28. *Advanced Work on the General Principles of Immunology.* This course differs from Course 23 in that it consists of studies related to the fundamental principles of immunology, rather than to the immediate application of immunology to medicine. Hours and credit by arrangement.

DR. AVERY AND STAFF.



## PHARMACOLOGY

PAUL D. LAMSON, *Professor of Pharmacology.*

LAURENCE G. WESSON, *Associate Professor of Pharmacology.*

JESSIE T. CUTLER, *Assistant in Pharmacology.*

BENJAMIN HOWARD ROBBINS, *Assistant in Pharmacology.*

WILLIAM F. ORR, JR., *Assistant in Pharmacology.*

HAROLD WILLIAM BROWN, *Research Associate in Pharmacology.*

CHARLOTTE B. WARD, *Research Assistant in Pharmacology.*

RICHARD BALZLY, *Research Assistant in Pharmacology.*

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21. PHARMACOLOGY. The course in Pharmacology consists of a series of lectures in which the pharmacological action of the different drugs is taken up, and where possible, demonstrated by experiments. Laboratory exercises are given in which the student has an opportunity to become familiar with pharmacological technic and to see for himself the action of the more important substances.

Four lectures and six hours of laboratory work a week during the second trimester of the second year.

DR. LAMSON AND DR. WESSON.

22. *Research.* Opportunities for research are offered to those wishing to carry out investigations who have sufficient time for such work. Hours and credit by arrangement.

DR. LAMSON AND STAFF.

## MEDICINE

- C. SIDNEY BURWELL, *Professor of Medicine.*  
W. H. WITT, *Professor of Clinical Medicine.*  
HUGH J. MORGAN, *Professor of Clinical Medicine.*  
JOHN B. YOUMANS, *Associate Professor of Medicine.*  
TINSLEY R. HARRISON, *Associate Professor of Medicine.*  
O. N. BRYAN, *Associate Professor of Clinical Medicine.*  
J. OWSLEY MANIER, *Associate Professor of Clinical Medicine.*  
JACK WITHERSPOON, *Associate Professor of Clinical Medicine.*  
WILLIAM R. CATE, *Assistant Professor of Clinical Medicine.*  
R. C. DERIVAUX, *Assistant Professor of Clinical Medicine.*  
\*S. JOHN HOUSE, *Assistant Professor of Clinical Medicine.*  
HOLLIS E. JOHNSON, *Assistant Professor of Clinical Medicine.*  
SAMUEL S. RIVEN, *Assistant Professor of Clinical Medicine.*  
SEALE HARRIS, JR., *Instructor in Medicine.*  
J. ALFRED CALHOUN, *Instructor in Medicine.*  
DAVID W. HAILEY, *Instructor in Clinical Medicine.*  
P. G. MORRISSEY, *Instructor in Clinical Medicine.*  
JOSEPH W. ALFORD, JR., *Assistant in Clinical Medicine.*  
R. R. CROWE, *Assistant in Clinical Medicine.*  
W. W. HUBBARD, *Assistant in Clinical Medicine.*  
EDNA S. PENNINGTON, *Assistant in Clinical Medicine.*  
JAMES S. READ, *Assistant in Clinical Medicine.*  
JOHN L. SHAW, *Assistant in Clinical Medicine.*  
A. T. SIKES, *Assistant in Clinical Medicine.*  
E. GURNEY CLARK, *Assistant in Medicine.*  
W. M. DEDMAN, *Assistant in Medicine.*  
DOROTHY DONLEY, *Assistant in Medicine.*  
BEN FRIEDMAN, *Assistant in Medicine.*  
P. H. GUINAND, *Assistant in Medicine.*  
WILLIAM R. MINNICH, *Assistant in Medicine.*

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\*-On leave of absence.

1. CLINICAL PATHOLOGY. A series of lectures and laboratory exercises in the microscopic and chemical methods used in the diagnosis of disease. Students are trained in the technique of examining urine, blood, sputum, gastric contents, feces, and "puncture fluids." The interpretation of laboratory data is discussed.

Seven hours a week during the second trimester of the second year.

DR. MORGAN AND DR. HARRISON WITH THE ASSISTANCE OF  
DR. EDNA H. TOMPKINS, *Assistant Professor of Anatomy, and  
Haematologist to the Vanderbilt University Hospital.*

2. CLINICAL LECTURES AND DEMONSTRATIONS. Topics are taken up in correlation with other courses being pursued simultaneously. Certain phases of clinical physiology are illustrated.

One hour a week during the third trimester of the second year.

DR. HARRISON.

3. PHYSICAL DIAGNOSIS. Lectures, demonstrations and practical exercises designed to introduce the students to the methods used in examining patients and to the interpretation of the data obtained by inspection, palpation, percussion and auscultation. The students are divided into groups for the purpose of examining each other and selected patients.

Ten hours of lectures, demonstrations and practical work a week during the third trimester of the second year.

DR. YOUMANS, DR. WITT AND STAFF.

4. WARD WORK. One-third of the third-year class is assigned to the medical wards during one trimester. Bedside instruction is given each morning from 8:30 to 9:30 o'clock by various members of the staff. At other times students study the cases assigned to them and compile some of the data required for an understanding of the cases, under the direction of members of the staff. A weekly seminar is also held. Small groups of students are also assigned for ward work in the Nashville General Hospital.

Approximately 20 hours a week during one trimester.

DR. BURWELL, DR. MORGAN, DR. CATE AND STAFF.

5. CLINICAL LECTURES AND DEMONSTRATIONS. A series of clinical lectures and demonstrations for the purpose of bringing before the third-year class patients illustrating usual and important diseases.

One hour a week during the first and second trimesters of the third year.

DR. WITT.

6. THERAPEUTICS. Lectures and demonstrations, illustrating the general care of patients, dietetic treatment, and such therapeutic procedures as venesection, pleural aspiration and lumbar puncture. The therapeutic use of various drugs and methods of prescription and administration are discussed and illustrated by the use of patients.

Two hours a week during the third trimester of the fourth year. (Not given in 1932-33).

DR. HARRISON.

7-A. MEDICAL OUT-PATIENT DEPARTMENT. One-sixth of the students of the fourth-year class are assigned during half of one trimester to the medical out-patient department. Cases are assigned to the students who record the histories, conduct the physical examinations and perform the simpler laboratory tests. Their work is reviewed by members of the staff, who act as consultants, see that all patients receive any needed consultations from other departments, and direct the management of the cases.

Twelve hours a week during half of one trimester of the fourth year.

DR. YOUMANS, DR. RIVEN, DR. HARRIS AND STAFF.

7-B. MEDICAL OUT-PATIENT DEPARTMENT. Members of the fourth-year class are assigned for half of one trimester to special clinics in the medical out-patient department where they observe methods of dealing with metabolic and thoracic diseases.

Four hours per week during half of one trimester of the fourth year.

DR. DERIVAUX AND DR. JOHNSON.

8. CLINICAL LECTURES AND DEMONSTRATIONS. Patients are selected from the medical wards and out-patient department. The patients are presented by the students to whom they have been assigned and the diagnosis and treatment of the cases are discussed with members of the third and fourth-year classes.

One or two hours a week throughout the third and fourth years.

DR. BURWELL AND DR. MORGAN.

9. *Special Elective Courses.* A limited number of students of the third and fourth years may be accepted for special elective work each trimester in the various laboratories of the department and in the medical wards and out-patient department of the hospital.

Hours and credit by arrangement.

DR. BURWELL AND STAFF.

10. *Elective Course in Syphilis.* The diagnosis and treatment of this disease is provided for in a special clinic in the department of medicine. Each case is carefully studied prior to the institution of treatment. The students take an important part in the diagnostic and therapeutic activities of the clinic.

Limited to 8 students in each trimester. Six hours per week throughout the fourth year.

DR. MORGAN AND DR. MORRISSEY.

### Neurology and Psychiatry

A. W. HARRIS, *Professor of Clinical Neurology and Psychiatry.*

FRANK H. LUTON, *Assistant Professor of Psychiatry.*

W. S. FARMER, *Instructor in Clinical Psychiatry.*

H. B. BRACKIN, *Assistant in Clinical Psychiatry.*

J. P. GILBERT, *Assistant in Clinical Psychiatry.*

LUTHER S. LOVE, *Assistant in Clinical Psychiatry.*

1. **PSYCHOBIOLOGY.** The course is given to furnish a basis for the study of psychiatry. Each student makes an exhaustive study of his own personality and learns by his own reactions to recognize more clearly the meanings of behavior as seen in his patients. An attempt is made to inject a sense of the need for keeping in mind the influence of personality and experience on the patient's behavior, and for thinking in terms of total reactions rather than in part.

An opportunity is given for the student to become familiar with the methods and descriptive terms used in the study of behavior.

One hour a week during the third trimester of the second year.

DR. LUTON.

2. **PSYCHIATRY.** The subject is presented in a series of lectures in which the commoner psychoses, the psycho-neuroses, and the personality reactions associated with physical disease are discussed. Clinical material is used for illustration of the many psychiatric problems that occur in a general hospital ward. The principles of prevention as applied to mental disease are emphasized.



One hour a week during the second and third trimesters of the third year.

DR. LUTON.

3. NEUROLOGY. Lectures and demonstrations are held in which the commoner neurological conditions are discussed from the point of view of diagnosis and treatment.

Two hours a week during the third trimester of the third year.

DR. HARRIS.

4. CLINICAL NEUROLOGY AND PSYCHIATRY. One-sixth of the fourth year class is assigned to the neurological out-patient department during part of each trimester. Here they are taught the special methods of examination required in the study of neurological and psychiatric patients, and are given instruction in the diagnosis and management of neurological and psychiatric conditions.

Four hours a week during half of one trimester of the fourth year.

DR. HARRIS, DR. LUTON AND STAFF.

5. CLINICAL DEMONSTRATIONS IN PSYCHIATRY. Clinical lectures and demonstrations are held at the Tennessee Central State Hospital for the Insane. Patients showing the types of psychiatric diseases which are more frequently met with by the practitioner of medicine are demonstrated and discussed.

Three hours a week during the third trimester of the fourth year.

DR. LUTON, DR. FARMER AND STAFF.

### Dermatology

HOWARD KING, *Assistant Professor of Clinical Dermatology.*

C. M. HAMILTON, *Instructor in Clinical Dermatology.*

LEON M. LANIER, *Assistant in Clinical Dermatology.*

1. DERMATOLOGY. A course of eleven lectures and demonstrations covering the various groups of skin diseases and some of the dermatological manifestations of general disease.

One hour a week during the first trimester of the fourth year.

DR. KING.

2. CLINICAL DERMATOLOGY. One-sixth of the fourth-year class is assigned to the dermatological clinic during part of one trimester, where they have practice in the diagnosis and treatment of the diseases of the skin under the supervision of the staff.

Four hours a week during half of one trimester of the fourth year.

DR. KING, DR. HAMILTON AND DR. LANIER.



## PEDIATRICS

- HORTON R. CASPARIS, *Professor of Pediatrics.*  
OWEN H. WILSON, *Professor of Clinical Pediatrics.*  
S. M. BLOOMSTEIN, *Associate Professor of Clinical Pediatrics.*  
KATHARINE DODD, *Associate Professor of Pediatrics.*  
ANN STONE MINOT, *Assistant Professor of Pediatric Research.*  
JOHN M. LEE, *Assistant Professor of Clinical Pediatrics.*  
G. H. BRADLEY, *Instructor in Clinical Pediatrics.*  
JAMES C. OVERALL, *Instructor in Clinical Pediatrics.*  
HOWARD C. ROBERTSON, *Instructor in Clinical Pediatrics.*  
JOHN M. SAUNDERS, *Instructor in Pediatrics.*  
J. FRAZIER BINNS, *Assistant in Clinical Pediatrics.*  
DAN GERMAN, JR., *Assistant in Pediatrics.*  
T. L. HARRIS, *Assistant in Pediatrics.*

1. LECTURES AND DEMONSTRATIONS. The new-born child, growth, development and nutrition of infants and children, and the prevention of the abnormal are discussed. Especial attention is given to the normal child as a basis for the study of the abnormal, or diseases of children.

One hour a week during the first trimester of the third year.

DR. CASPARIS.

2. WARD WORK. One-sixth of the third year class is assigned to the pediatric wards during one-half of each trimester. Bedside instruction is given and patients are studied, emphasis being laid on the structure and function of the normal child. Variations from the normal and their prevention are considered.

Nine hours a week during half of one trimester of the third year.

DR. DODD AND STAFF.

3. CLINICAL LECTURES AND DEMONSTRATIONS. The more important phases of pediatrics, including the acute infectious diseases of childhood, are demonstrated and discussed. Patients from the wards and from the out-patient department are presented.

Two hours a week during the first and second trimesters and one hour a week during the third trimester of the fourth year.

DR. CASPARIS, DR. WILSON, AND STAFF.

4. PEDIATRIC OUT-PATIENT DEPARTMENT. One-sixth of the fourth year class is assigned to the pediatric out-patient department during one-half of a trimester. Patients are assigned to students, who record histories, make physical examinations and carry out diagnostic procedures. Diagnosis and treatment are considered with members of the staff.

Eight hours a week during half of one trimester of the fourth year.

DR. DODD AND STAFF.

5. *Elective work* in the laboratories, wards and dispensary of the department is offered to small groups of students of the fourth year during each trimester. Hours and credit by arrangement.

DR. CASPARIS AND STAFF.

## SURGERY

- BARNEY BROOKS, *Professor of Surgery.*  
DUNCAN EVE, *Professor of Clinical Surgery.*  
RICHARD A. BARR, *Professor of Clinical Surgery.*  
WORCESTER ALLEN BRYAN, *Professor of Clinical Surgery.*  
WILLIAM DAVID HAGGARD, *Professor of Clinical Surgery.*  
ALFRED BLALOCK, *Associate Professor of Surgery.*  
BEVERLY DOUGLAS, *Associate Professor of Surgery.*  
R. BOYD BOGLE, *Associate Professor of Clinical Dental Surgery.*  
WALTER M. MORGAN, *Associate Professor of Clinical Dental Surgery.*  
OREN A. OLIVER, *Associate Professor of Clinical Dental Surgery.*  
DUNCAN EVE, JR., *Associate Professor of Clinical Surgery.*  
WILLIAM M. MCCABE, *Associate Professor of Clinical Surgery.*  
GEORGE SUMMERS JOHNSON, *Assistant Professor of Surgery.*  
THOMAS D. MCKINNEY, *Assistant Professor of Clinical Surgery.*  
DAVID R. PICKENS, *Assistant Professor of Clinical Surgery.*  
HARRISON H. SHOULDERS, *Assistant Professor of Clinical Surgery.*  
LEONARD W. EDWARDS, *Assistant Professor of Clinical Surgery.*  
\*COBB PILCHER, *Instructor in Surgery.*  
ROGERS LEE HILL, *Instructor in Surgery.*  
WILLIAM C. BILBRO, JR., *Instructor in Clinical Surgery.*  
MURRAY B. DAVIS, *Instructor in Clinical Surgery.*  
NATHANIEL SEHORN SHOFNER, *Instructor in Clinical Surgery.*  
ROGER NATHANIEL HERBERT, *Instructor in Clinical Surgery.*  
WILLIAM M. RAYMOND, *Assistant in Surgery.*  
RALPH M. LARSEN, *Assistant in Surgery.*  
J. ANDREW MAYER, *Assistant in Surgery.*  
JAMES A. KIRTLEY, JR., *Assistant in Surgery.*  
W. J. CORE, *Assistant in Clinical Surgery.*  
HENRY M. COX, *Assistant in Clinical Surgery.*  
CARL R. CRUTCHFIELD, *Assistant in Clinical Surgery.*  
WILLIAM OLIVER FLOYD, *Assistant in Clinical Surgery.*  
ROBERT WILLIAM GRIZZARD, *Assistant in Clinical Surgery.*  
CARL S. McMURRAY, *Assistant in Clinical Surgery.*  
CLEO M. MILLER, *Assistant in Clinical Surgery.*  
OSCAR G. NELSON, *Assistant in Clinical Surgery.*  
SAMUEL T. ROSS, *Assistant in Clinical Surgery.*  
THOMAS BOWMAN ZERFOSS, *Assistant in Clinical Surgery.*  
W. ALBERT SULLIVAN, *Assistant in Clinical Surgery.*  
LYNCH D. BENNETT, *Assistant in Clinical Surgery.*

\*-On leave of absence.

1. **INTRODUCTION TO SURGERY.** This is a laboratory demonstration and lecture course in which the fundamental processes of physiology and pathology as applied to surgery are studied. The object of the course is the study of such subjects as wound healing, infection and antiseptics. The students are given practical tests of the various methods of sterilizing the hands, instruments and dressings. The course also includes instruction in the methods of application of the usual surgical dressings. The object of the course is to prepare the students for beginning their clinical training.

Five hours a week during the third trimester of the second year.

DR. BRYAN AND STAFF.

2. **PHYSICAL DIAGNOSIS IN SURGERY.** The object of this course is to instruct the students in those methods of physical diagnosis particularly referable to surgical diseases. The student is instructed in the methods of physical examination of the abdomen, spine, joints and deformities.

One hour a week during the third trimester of the second year.

DR. BLALOCK.

3. **SURGICAL PATHOLOGY.** The object of this course is to teach surgery from the viewpoint of anatomical and physiological pathology. Specimens from the operating room, case histories, laboratory experiments and occasional patients from the wards are used to demonstrate the most frequent surgical diseases.

Three hours a week throughout the third year.

DR. JOHNSON.

4. **SURGICAL CLINICS.** The students of the third and fourth year classes are expected to attend two surgical clinics each week. The subjects considered at these clinics vary with the clinical material available. In so far as it is possible an attempt is made to have the various instructors present well-studied cases illustrating surgical conditions with which the instructor is particularly familiar.

Two hours a week throughout the third and fourth years.

DR. BARR, DR. BROOKS, AND DR. HAGGARD.

5. **SURGICAL WARDS.** For one trimester one-third of the third year students serve as assistants in the surgical wards of the Vanderbilt University Hospital from 8:30 to 11:30 a. m. daily. The students, under the direction of the staff, make the records of the histories, physical examinations and the usual laboratory tests. Ward rounds are made daily by various members of the surgical staff at which

times the ward cases are discussed with the students. The students may be present in the operating rooms at such times as their required work permits. When possible the student is permitted to assist in a surgical operation which is performed upon a case assigned to him in the ward. During one trimester the students are given the opportunity of studying the surgical cases in the Nashville General Hospital.

Approximately twenty hours a week during one trimester of the third year.

DR. BROOKS AND STAFF.

6. SURGICAL OUT-PATIENT DEPARTMENT. For one trimester the students of the fourth year class serve daily as assistants in the out-clinics of general surgery, orthopedic surgery and genito-urinary surgery. They make the record of the histories, physical examination and laboratory tests of the patients attending the out-clinic and assist in the dressings and in minor operations. Various members of the surgical staff are in constant attendance to instruct the students in their work and to discuss with them the diagnosis and treatment of the out-clinic patients. In the out-clinics of orthopedic surgery and urology the students receive instruction in the particular methods of diagnosis and treatment used by these special branches of surgery.

Twelve hours a week throughout one trimester of the fourth year in groups.

DR. DOUGLAS AND STAFF.

7. FRACTURES. During the fourth year one hour each week is given to the instruction of the entire fourth year class in the diagnosis and treatment of fractures. Both hospital and dispensary patients are used in this course and some additional instruction may be given at other hospitals.

One hour a week during the first trimester of the fourth year.

DR. EVE.

*Elective Courses in Surgery for Fourth Year Students.* Throughout the year an opportunity is given for the students of the fourth year class to devote themselves to the study of certain special problems in surgery. The various courses offered are entirely optional and the number of students admitted to any particular course is determined by the instructor responsible for it. The nature of the courses offered is determined by the desire of certain instructors to give special training in the particular subjects in which they are interested. In some of the courses the students are permitted to



select the character of the work to be done. During the school year 1932-1933 the following courses are available:

8. *Operative Surgery.* In this course the students are instructed in the technique of certain more or less standard operative procedures. The operative procedures are carried out upon the living animal under careful aseptic technique and the students are taught such technical procedure as intestinal sutures, cholecystectomy and nephrectomy.

Three hours a week during the first trimester. DR. DAVIS.

9. *Thoracic Surgery.* In this course a group of students is given the opportunity to study some of the fundamental principles involved in surgical diseases of the chest. Such subjects as asphyxia and the mechanism of breathing will be studied experimentally.

Three hours a week during the first trimester.

DR. BLALOCK.

10. *Blood Transfusion.* In this course instruction is given in the technique of blood grouping and the various methods of blood transfusion. The effects of hemorrhage, dehydration and increased intracranial pressure are also studied experimentally.

Three hours a week during the second trimester.

DR. DOUGLAS.

11. *Surgery of the Vascular System.* Particular attention is given to the study of factors influencing blood flow.

Three hours a week during the second trimester.

DR. JOHNSON.

12. *Surgical Pathology.* In this course opportunity is given to a limited number of students to study the material which has been accumulated in the surgical pathological laboratory. The material to be studied is selected by the student under the direction of the instructor.

Three hours a week during the third trimester.

DR. JOHNSON.

13. *Diseases of the Rectum.* A limited number of students may receive instruction in the diagnosis and treatment of diseases of the rectum in the out-patient department, one afternoon each week.

Three hours a week throughout the year.

DR. PICKENS.



14. *Research.* Throughout the year an opportunity is given for students to do investigative work in such subjects as are suitable for the limited time available.

Three hours a week throughout the year.

DR. BROOKS.

### Ophthalmology

ROBERT SULLIVAN, *Associate Professor of Clinical Ophthalmology.*

HENRY CARROLL SMITH, *Instructor in Clinical Ophthalmology.*

KATE SAVAGE ZERFOSS, *Instructor in Clinical Ophthalmology.*

ROBERT JAY WARNER, *Assistant in Clinical Ophthalmology.*

1. *OPHTHALMOLOGY.* A course of lectures is given on the more common diseases and injuries of the eye and the various causes of disturbed vision. The physiology and anatomy of the eye are briefly reviewed.

One hour a week during the second and third trimesters of the fourth year.

DR. SULLIVAN AND STAFF.

### Otolaryngology

MARVIN McTYEIRE CULLOM, *Professor of Clinical Otolaryngology.*

WILLIAM GILLIAM KENNON, *Professor of Clinical Otolaryngology.*

GUY M. MANESS, *Assistant Professor of Otolaryngology.*

EUGENE ORR, *Assistant Professor of Clinical Otolaryngology.*

EDWIN LEE ROBERTS, *Instructor in Clinical Otolaryngology.*

WILLIAM WESLEY WILKERSON, JR., *Assistant in Clinical Otolaryngology.*

2. *OTOLARYNGOLOGY.* A course of lectures is given in which the diseases of the ear, nose and throat are briefly discussed and the methods of treatment are described.

One hour a week during the first trimester of the fourth year.

DR. CULLOM AND DR. KENNON.

3. *CLINICAL OPHTHALMOLOGY AND OTOLARYNGOLOGY.* Groups consisting of one-sixth of the fourth year class are assigned to clinical work in the out-patient department, where they have an opportunity to examine patients, to practice the simpler forms of treatment, to witness and to assist in operations, and to participate in the post-operative care of patients.

Eight hours a week during one-half of one trimester.

DR. CULLOM, DR. KENNON, DR. ORR, DR. SULLIVAN AND STAFF.

### Urology

- PERRY BROMBERG, *Professor of Clinical Urology.*  
EDWARD HAMILTON BARKSDALE, *Assistant Professor of Urology.*  
CHARLIE FRANKLIN ANDERSON, *Assistant Professor of Clinical Urology.*  
HENRY L. DOUGLASS, *Instructor in Clinical Urology.*  
JEFFERSON C. PENNINGTON, *Instructor in Clinical Urology.*  
HORACE C. GAYDEN, *Instructor in Clinical Urology.*  
JOSEPH TRAVENICK, JR., *Assistant in Clinical Urology.*

1. A course of lectures and recitations is given covering the more important aspects of urology.

One hour a week during the second and third trimesters of the fourth year.

DR. BROMBERG AND STAFF.

2. CLINICAL INSTRUCTION. Students receive clinical instruction in the wards and in the out-patient department, the fourth year class being divided into small groups for this purpose.

Approximately 10 hours a week during half of one trimester.

DR. BROMBERG AND STAFF.

### Orthopedic Surgery

- R. WALLACE BILLINGTON, *Professor of Clinical Orthopedic Surgery.*  
ADAM G. NICHOL, *Assistant Professor of Clinical Orthopedic Surgery.*  
EUGENE M. REGEN, *Instructor in Orthopedic Surgery.*  
ROBERT R. BROWN, *Instructor in Clinical Orthopedic Surgery.*  
GEORGE K. CARPENTER, *Instructor in Clinical Orthopedic Surgery.*

1. ORTHOPEDIC SURGERY. A course of lectures and recitations in which the more important parts of orthopedic surgery are discussed is given.

One hour a week during the first trimester of the fourth year.

DR. BILLINGTON AND STAFF

2. Students receive instruction in the wards and out-patient department in small groups during the third and fourth years.

Approximately 10 hours a week for one-half of one trimester.

DR. BILLINGTON AND STAFF.

### Radiology

HARRY T. HILLSTROM, *Assistant Professor of Surgery in charge of Radiology.*

C. C. MCCLURE, *Assistant Professor of Clinical Radiology.*

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1. **RADIOTHERAPEUTICS.** A series of lectures will be given on methods and clinical uses of radium and roentgen rays in treatment of diseases, and on their underlying principles.

One hour a week during the third trimester of the fourth year.

2. **ROENTGENOLOGY.** This course is offered to afford students instruction in the roentgenological interpretation of the more common diseases, and is given as a series of demonstrations and discussions of selected cases.

Two hours each week, three trimesters, for third year and a limited number of fourth year students.

3. **ROENTGENOLOGY.** This course offers more advanced work in roentgen diagnosis, and should be preceded by Roentgenology 2.

Two hours daily, three trimesters, fourth year students. One-sixth of the fourth year class will receive instruction in X-ray interpretation of routine ward and dispensary cases over a period of six weeks.

4. **X-RAY TECHNIQUE.** Instruction in the principles underlying roentgenotechnique will be given as a series of discussions and demonstrations.

Two hours each week, limited to ten fourth year students, time to be arranged.

## OBSTETRICS AND GYNECOLOGY

LUCIUS E. BURCH, *Professor of Clinical Gynecology and Obstetrics.*

SAM C. COWAN, *Professor of Clinical Obstetrics.*

JOHN C. BURCH, *Associate Professor of Clinical Gynecology.*

W. C. DIXON, *Associate Professor of Clinical Gynecology.*

H. M. TIGERT, *Associate Professor of Clinical Gynecology.*

W. B. ANDERSON, *Assistant Professor of Clinical Obstetrics.*

J. F. GALLAGHER, *Assistant Professor of Clinical Gynecology.*

MCPHEETERS GLASGOW, *Assistant Professor of Clinical Gynecology.*

M. S. LEWIS, *Assistant Professor of Clinical Obstetrics.*

HARLIN TUCKER, *Assistant Professor of Clinical Gynecology.*

J. S. CAYCE, *Instructor in Clinical Obstetrics.*

R. S. DUKE, *Instructor in Clinical Gynecology and Obstetrics.*

PAUL WARNER, *Instructor in Clinical Obstetrics.*

A. B. BARRETT, *Instructor in Obstetrics and Gynecology.*

ANNA BOWIE, *Assistant in Clinical Gynecology.*

C. R. BRADFORD, *Assistant in Clinical Gynecology.*

ROGER B. BURRUS, *Assistant in Clinical Gynecology.*

R. W. BUSHART, *Assistant in Clinical Obstetrics and Gynecology.*

DEWEY FOSTER, *Assistant in Clinical Gynecology.*

THEODORE MORFORD, *Assistant in Clinical Gynecology.*

DOUGLAS SEWARD, *Assistant in Clinical Gynecology.*

A. E. VAN NESS, *Assistant in Clinical Obstetrics.*

HAROLD KLINGLER, *Assistant in Obstetrics and Gynecology.*

GEORGE M. LEIBY, *Assistant in Obstetrics and Gynecology.*

W. L. WILLIAMS, *Assistant in Obstetrics and Gynecology.*

1. OBSTETRICS. A series of lectures and discussions covering the fields of normal labor, the pathology of labor, and the pathology of pregnancy, is given throughout the third year. Normal labor and abnormal labor are demonstrated to the class with moving pictures and slides. In the general plan of instruction, the lectures on obstetrics are completed during the third year.

Three hours a week during the first and second trimesters and two hours a week during the third trimester of the third year.

DR. COWAN AND DR. CAYCE.

2. CLINICAL OBSTETRICS. During one-half of a trimester a small group of students study the patients in the obstetrical wards and out-patient department. They work in the prenatal clinic, practice pelvimetry and are given exercises with the obstetrical manikin.

After February 1st of the third year, students are assigned in pairs to attend patients during confinement in their homes under

supervision of instructors. All students are required to have assisted in at least twelve deliveries, either in the hospital or in the out-patient service.

Approximately fifteen hours a week during half of one trimester of the third year, exclusive of outside deliveries.

DR. COWAN AND STAFF.

3. GYNECOLOGY. A course of lectures, recitations and assigned reading, for fourth-year students, in which the more important topics of the subject are covered.

One hour a week during the second and third trimesters of the fourth year.

DR. BURCH AND STAFF.

4. CLINICAL GYNECOLOGY. Fourth-year students are assigned to gynecology in small groups. They attend daily the out-patient department, study the patients in the wards, and attend or assist at the operations. Special emphasis is placed on the study of gynecological diagnosis, and an attempt is made to train the student in that part of the subject with which the practitioner of medicine should be familiar.

Twelve hours a week during one-half of a trimester of the fourth year.

DR. J. BURCH, DR. GLASGOW, DR. TUCKER, DR.

DUKE, DR. BOWIE, DR. SEWARD, DR. FOSTER.

5. GYNECOLOGY AND OBSTETRICS. Clinical lectures and demonstrations are given each week to the fourth-year class, at which time cases of special value from the wards or out-patient department are presented.

One hour a week throughout the fourth year.

DR. BURCH AND STAFF.

6. *Elective Course.* Is offered to a limited number of fourth-year students in gynecology and obstetrics. Operations are performed on the cadaver.

Hours and credit by arrangement. DR. HARLIN TUCKER.

7. *Elective Course.* Gynecological pathology one trimester, six or more students. One lecture or demonstration a week. Two hours of laboratory work consisting of histology, physiology, gross and histopathology of the pelvic organs.

DR. JOHN C. BURCH.

8. *Elective Course.* Opportunity for the investigation of special gynecological and obstetrical problems is offered to two students each trimester.

Hours and credit by arrangement. DR. JOHN C. BURCH.



## PREVENTIVE MEDICINE AND PUBLIC HEALTH

- WALLER S. LEATHERS, *Professor of Preventive Medicine and Public Health.*  
HENRY E. MELENEY, *Associate Professor of Preventive Medicine and Public Health.*  
EUGENE LINDSAY BISHOP, *Assistant Professor of Preventive Medicine and Public Health.*  
ALVIN E. KELLER, *Assistant Professor of Preventive Medicine and Public Health.*  
WILLIAM LITTERER, *Assistant Professor of Preventive Medicine and Public Health.*  
JOHN OVERTON, *Lecturer in Preventive Medicine and Public Health.*  
R. L. JONES, *Lecturer in Preventive Medicine and Public Health.*  
WILLIAM W. FRYE, *Research Assistant in Preventive Medicine and Public Health.*  
J. B. BLACK, *Instructor in Preventive Medicine and Public Health.*  
HOWARD R. FULLERTON, *Instructor in Preventive Medicine and Public Health.*  
JOHN J. LENTZ, *Instructor in Preventive Medicine and Public Health.*  
D. F. MILAM, *Instructor in Preventive Medicine and Public Health.*  
ROY J. MORTON, *Instructor in Preventive Medicine and Public Health.*  
HARRY S. MUSTARD, *Instructor in Preventive Medicine and Public Health.*  
W. K. SHARP, JR., *Instructor in Preventive Medicine and Public Health.*  
ELBRIDGE SIBLEY, *Instructor in Preventive Medicine and Public Health.*  
HOWARD C. STEWART, *Instructor in Preventive Medicine and Public Health.*  
JAMES A. CRABTREE, *Assistant in Preventive Medicine and Public Health.*  
R. S. GASS, *Assistant in Preventive Medicine and Public Health.*  
HOWARD D. SCHMIDT, *Assistant in Preventive Medicine and Public Health.*  
W. CARTER WILLIAMS, *Assistant in Preventive Medicine and Public Health.*

1. PREVENTIVE MEDICINE AND PUBLIC HEALTH. A course of lectures intended to provide the student with the preventive point of view in the practice of medicine and also to acquaint him with the organized forces working for the public health. The following subjects are among those considered: Etiology, modes of transmission and methods of prevention and control of communicable diseases;



the epidemiology of some of the more important infectious diseases; maternal and infant hygiene; the venereal disease problem; the more common occupational diseases; the deficiency diseases; school hygiene; water supplies and sewage disposal. As much time as possible is given to the study of the present status of public health organization, federal, state and local. Stress is placed upon the principles involved in public health administrative practice, especially in relation to the practitioner of medicine.

Two hours a week during the first and second trimesters of the fourth year. DR. LEATHERS AND STAFF.

2. FIELD DEMONSTRATIONS. Visits for observation and instruction are made to health activities carried on in Nashville and in the immediate vicinity. This includes state, county and city health departments; maternal and infant hygiene clinics; tuberculosis clinics; and places of public utility, such as dairies, public water supply, sewage disposal plants, and industrial establishments. After each group of four demonstrations one period is devoted to a seminar in which certain students discuss important phases of the activities to which visits have been made. A laboratory problem in the epidemiology of an infectious disease occupies two of these periods.

Three hours (one afternoon) a week during the first and second trimesters of the fourth year. DR. LEATHERS AND STAFF.

3. PARASITIC DISEASES. A course of lectures, demonstrations and laboratory exercises in which the animal parasites of man, their vectors and the diseases which they produce are studied. Emphasis is laid more upon the biological activities of parasites than upon their morphology. Clinical cases and case histories are used wherever possible, and methods of treatment and prevention are stressed.

Seventy-seven hours during the third trimester of the second year.

DR. MELENEY AND DR. KELLER.

4. *Other Elective Work.* The participation of a few selected fourth-year students will be welcomed in investigative work carried on by members of the Department. Hours and credits to be arranged.

5. POSTGRADUATE INSTRUCTION IN PUBLIC HEALTH. In cooperation with the Tennessee State Department of Health a course is given for physicians who wish to prepare themselves for positions as county health officers. (See page 124.)

## MEDICAL JURISPRUDENCE

THOMAS W. SCHLATER, *Lecturer in Medical Jurisprudence.*

MEDICAL JURISPRUDENCE. This course includes medical evidence and testimony; expert testimony; rights of medical witnesses; dying declarations; medicolegal post mortem examinations; criminal acts determined by medical knowledge; malpractice and the legal relation of physicians to patients and the public. Some consideration is also given to the state law in its relation to public health operations.

One hour a week during the second and third trimesters of the fourth year.

MR. SCHLATER.

## HISTORY OF MEDICINE

WILLIAM GROCE HARRISON, M. D., *Lecturer in the History of Medicine.*

A series of illustrated lectures is given, each lecture covering some phase of medical history. Epoch making events in modern medicine will be discussed, so that the course will have practical as well as a cultural interest for the student.

One hour a week during the first trimester of the fourth year.

DR. HARRISON.

## MILITARY SCIENCE AND TACTICS

RICHARD K. COLE, M. D., Major M. C., U. S. A., *Professor of Military Science and Tactics.*

*Elective courses in Military Science and Tactics* are offered, consisting of a basic course running through the first and second years, and an advanced course given during the third and fourth years. The basic course, consisting of a minimum of thirty-three lectures a year, is devoted to the theoretic study of medico-military subjects. After its completion, students are eligible for the advanced course which includes, besides at least thirty-three hours a year, during the third and fourth years, a six weeks' term in camp at Fort Oglethorpe, Ga., where a practical study of medico-military subjects is pursued.

Students taking the advanced course are paid the value of army rations during the pursuance of the course, including the summer vacation, with the exception of the time spent in camp. This amounts to approximately \$9.00 a month. During the summer encampment, which can be taken during the second or third years, the student

is allowed transportation to and from the camp. While at the camp he receives his quarters, rations, clothing and medical attention. In addition he receives \$21.00 a month. Upon the completion of the advanced course students are eligible for appointment in the Medical Corps of the Organized Reserve of the Army of the United States in the Grade of First Lieutenant. While the course in Military Science and Tactics is elective, a student once enrolled in the basic course must complete the basic course, but may again elect to enter the advanced course. A student entering the advanced course must complete the course as a prerequisite to graduation.

The courses of the four years are as follows.

1. This course is intended to familiarize the student with the fundamentals of military science as related to the medical department.

One hour a week throughout the first year.

2. The purpose of this course is to give the student sufficient knowledge of the theory of medical tactics so that he may complete his training in the subject by practical work in the camp.

One hour a week throughout the second year.

3. This course constitutes the first half of the advanced course, and its purpose is to train the student in the essentials of military hygiene and sanitation by theory subsequent to the practical training given in camp in these subjects.

One hour a week through the third year.

4. This course offers training in medico-military administration with special reference to hospitals, hospitalization, gas defence, and surgical and medical diseases peculiar to war.

One hour a week throughout the fourth year.

MAJOR COLE.

**POSTGRADUATE COURSES**JOHN B. YOUMANS, *Director*

The faculty of Vanderbilt Medical School has adopted a plan of offering short courses for graduates of medicine. The splendid facilities of the Vanderbilt Medical School and Hospital afford an unusual opportunity for postgraduate study in medicine, surgery and the specialties. It is necessary to limit the number of physicians registering for most of these courses in order that they may be given in the most satisfactory way. Those who wish to avail themselves of this opportunity or obtain further information regarding these courses should address the Registrar of the Medical School.

**ADMISSION**

Admission to postgraduate courses will be restricted to graduates in medicine. Only a limited number can be admitted to the special courses offered during the two-weeks period beginning June 19. Persons desiring to register for the short course or any of the special courses should notify the Registrar of the Medical School as soon as possible, in order that reservations may be made for them.

**FEES**

To defray current expenses, a registration fee of only ten dollars will be required of persons enrolling for the work of the Five-Day Course for General Practitioners.

For a statement of tuition charges for the special courses offered during the two-weeks period, see the description of courses in the following pages.

The following courses will be offered during 1933:

**FIVE-DAY COURSE FOR GENERAL PRACTITIONERS.****June 13-17.**

This short course offers a series of symposia on important subjects in medicine, surgery, pediatrics, and obstetrics and gynecology. Each symposium will consist of a series of lectures, clinics, and demonstrations presenting fully the subject under discussion. Particular attention will be paid to newer methods of diagnosis and treatment.

Registration is unlimited but the course will not be given unless a minimum of ten applicants have registered and paid their registration fee by May 29. Registration may be made by mail. Applicants will be notified and the fee returned if the course is not given.

Fee—registration fee of \$10.00 only.

**TWO WEEKS INTENSIVE COURSES. June 19-July 1.**

1. **GENERAL MEDICINE.** This course will occupy the afternoons for two weeks, and will consist of ward rounds, demonstrations and clinics dealing with the diagnosis and treatment of general medical conditions. Special emphasis will be given to newer methods of diagnosis and treatment.

This course will not be given unless there are as many as five applicants.

Tuition, \$50.00.

DR. BURWELL, DR. YOUMANS AND DR. HARRISON.

2. **PEDIATRICS.** This course will consist of any phase of work with children for which there may be a demand. Feeding of infants and children will be taken up in detail, and such subjects as tuberculosis in children, the treatment of syphilis in children, and specific preventive measures will be included. The treatment of asthma and eczema in children will be taken up; the diarrheas of infancy will be covered thoroughly. This course will occupy the mornings for two weeks.

Tuition, \$50.00.

DR. CASPARIS.

3. **DIABETES AND TUBERCULOSIS.** This course will occupy two hours on four mornings of each week. Patients in the metabolism clinic and chest clinic, as well as those in the hospital wards, will be utilized as a basis for discussion of diagnosis and treatment of these two important conditions. Consideration will also be given to the treatment of obesity. (May be taken separately.)

These courses will not be given unless there are as many as three applicants.

Tuition, \$15.00 each, \$30.00 for both.

DR. DERIVAUX AND DR. HOLLIS E. JOHNSON.

4. **GENERAL SURGICAL DIAGNOSIS AND TREATMENT.** The purpose of this course is to give an intensive course in the diagnosis and treatment of general surgical conditions. The period of instruction will occupy six mornings a week for a period of two weeks. The available material in the wards of the Vanderbilt University Hospital will be used for instruction purposes. The instruction will consist of ward demonstrations of methods of diagnosis and demonstrations in the operation rooms. The object of the course is the study of the diagnosis



and treatment of surgical conditions from the point of view of the general practitioner.

This course will not be given unless there are as many as five applicants.

Tuition, \$50.00.

DR. BROOKS, DR. BRYAN, AND DR. BARR.

5. X-RAY DIAGNOSIS. The object of this course is to give instruction in the technique of X-Ray examinations and the interpretation of X-Ray photographs. The period of study will consist of six mornings a week for two weeks. The current X-Ray examinations and the records of past X-Ray examinations in the Vanderbilt Hospital provide a large amount of material available for this course.

Tuition, \$50.00.

DR. HILLSTROM.

6. SYPHILIS. In this course opportunity will be given to observe the various types of syphilis encountered, and to study the methods and results of treatment. The class will meet on three afternoons a week for two weeks.

This course will not be given unless there are as many as five applicants.

Tuition, \$25.00.

DR. MORGAN.

7. UROLOGY. The material in the urological division of the Vanderbilt University Hospital out-patient department is sufficiently large to make it possible to give instruction in the diagnosis and treatment of urological conditions to a limited group of postgraduate students. The students will receive instruction in the diagnosis and care of the more frequent diseases of the male genito-urinary system. Also special instruction will be given in the technique of the use of the cystoscope. This class will meet every morning for two weeks.

This course will not be given unless there are as many as three applicants.

Tuition, \$50.00.

DR. BARKSDALE.

8. GYNECOLOGY AND OBSTETRICS. This course is offered to general practitioners who desire a practical review of these important subjects.

The work in gynecology will consist of the examination and treatment of patients in the Out-Patient Department, ward rounds, operative technique, and the study of gynecological specimens in the laboratory. This class will meet six mornings a week for two weeks.



The work in obstetrics will consist of prenatal and postnatal care of patients in the Out-Patient Departments, ward rounds, the attendance on labor cases delivered in the Hospital, and if the graduates so desire, arrangements may be made so that they can deliver patients under instruction on the outside. A thorough course on the manikin and the various obstetrical operations will also be given. This class will meet five afternoons a week for two weeks.

This course will not be given unless there are as many as six applicants.

Tuition—\$50.00.

DR. LUCIUS E. BURCH, DR. COWAN AND STAFF.

#### PREVENTIVE MEDICINE AND PUBLIC HEALTH

In cooperation with the Tennessee State Department of Health a course is given for physicians who wish to prepare themselves for positions as county health officers. The first half of the course consists of lectures, laboratory demonstrations, work in out-patient departments which deal with conditions of public health importance, conferences on the administration of the county health organization and its relationship to other health agencies, exercises in epidemiology, vital statistics, graphic methods, etc. The second half consists of a health survey of a town and practical field work under a trained health officer in a county having a full-time health organization. The course occupies twelve weeks during the first or second trimester. Inquiries may be addressed to the Registrar of the Medical School.

#### THE COMMONWEALTH FUND FELLOWSHIPS

The Commonwealth Fund provides fellowships for general practitioners of medicine who wish to devote a four months' period to postgraduate instruction in the Vanderbilt School of Medicine. Two courses are given annually. Each course is limited to ten physicians. Applications are made direct to the Commonwealth Fund. These fellowships are given to physicians in Tennessee only.

#### SPECIAL COURSES

Facilities are available for a very limited number of physicians desiring to pursue special work in various departments. In general these opportunities are open only to those able to pursue their studies over a rather extended period, and are made available by special arrangement. Inquiries may be addressed to the Registrar of the Medical School.

## STUDENTS 1931-1932

The members of the fourth-year class as listed below received the degree of Doctor of Medicine on June 8, 1932.

*Fourth-Year Class*

AUSTIN, THEODORE.....	Greenwood, Mississippi
B. A., Vanderbilt University, 1929.	
BLAKE, HERBERT.....	Anderson, South Carolina
B. A., Presbyterian College of South Carolina, 1928.	
CARTER, THOMAS SANDIDGE.....	Nashville, Tennessee
B. A., Vanderbilt University, 1929.	
CASON, JOHN FAVER.....	Murfreesboro, Tennessee
B. A., Vanderbilt University, 1928.	
CHENOWETH, ALICE DREW.....	Albany, Missouri
B. S., 1924; M. A., 1926, Northwestern University.	
CLAIBORNE, JOHN WELLONS, JR.....	Dyersburg, Tennessee
B. A., Vanderbilt University, 1929.	
CLEVELAND, HUNT.....	Centerville, Alabama
B. S., Birmingham-Southern College, 1928.	
COOK, MARY BAXTER.....	Nashville, Tennessee
B. A., Vanderbilt University, 1928.	
DAVIS, JOHN LLEWELLYN, JR.....	Greenville, Mississippi
B. S., University of Mississippi, 1930.	
DEYOUNG, EDWARD M.....	Grand Rapids, Michigan
B. A., Calvin College, 1927.	
DULA, FREDERICK MAST.....	Lenoir, North Carolina
B. A., 1922; M. A., 1923, University of North Carolina.	
ELLIOTT, RICHARD GILL, II.....	Lexington, Kentucky
B. A., University of Kentucky, 1928.	
EVANS, EUGENE E.....	Wilder, Tennessee
B. A., Vanderbilt University, 1929.	
FLEMING, WILLIAM LEROY.....	Nashville, Tennessee
B. A., 1925; M. A., 1927, Vanderbilt University.	
GARDNER, CLARENCE L., JR.....	Russellville, Arkansas
B. A., Henderson-Brown College, 1928.	
GAYDEN, HAMILTON VIRGIL.....	Clarksville, Tennessee
B. A., Howard Payne College, 1928.	
HEWELL, BARBARA ANN.....	Greenville, South Carolina
B. A., Goucher College, 1924.	
HUEY, THOMAS FORD, JR.....	Anniston, Alabama
B. A., Vanderbilt University, 1929.	
HUGHES, FELIX AUSTIN, JR.....	Okolona, Arkansas
B. A., Henderson-Brown College, 1927.	
HUGHES, ROBERT PAUL.....	Okolona, Arkansas
B. A., Henderson-Brown College, 1928.	
JOBÉ, LOUIS H., JR.....	Eupora, Mississippi
B. S., University of Mississippi, 1930.	
JOHNSON, CLAUD DINKINS.....	Brundidge, Alabama
B. S., Birmingham-Southern College, 1928.	

JONES, SAM OGLE	.....	Roswell, New Mexico
B. A., Abilene Christian College, 1925.		
M. A., Vanderbilt University, 1929.		
JUDD, GLENN B.	.....	Varina, North Carolina
B. A., Duke University, 1928.		
KINSER, PRENTICE, JR.	.....	Shelbyville, Kentucky
B. A., University of Kentucky, 1928.		
LATIMER, MARVIN LUTHER	.....	Honea Path, South Carolina
B. A., Wofford College, 1928.		
LAVENDER, HOWARD CARL	.....	Nashville, Tennessee
B. A., Vanderbilt University, 1929.		
LEE, AUBREY BERNARD	.....	Morris, Alabama
B. S., Howard College, 1928.		
LINDER, HUGH M. C.	.....	Oxford, Alabama
B. A., Howard College, 1928.		
LUCAS, ROBERT LEBERN	.....	Winfield, Alabama
B. S., Birmingham-Southern College, 1928.		
MCNIEL, JOHN GLEN	.....	Jonesville, Virginia
B. A., Carson-Newman College, 1928.		
MITCHELL, RALPH JORDON	.....	Columbus, Ohio
B. S., Washington and Jefferson, 1928.		
MOFFETT, ALEXANDER STUART	.....	Kiangyin, China
B. A., Washington and Lee University, 1927.		
MOSLEY, ROBERT ARLIS	.....	Temple, Texas
B. A., Baylor University, 1928.		
O'NEAL, BUFORD LEE	.....	Jackson, Tennessee
B. A., Lambuth College, 1928.		
OSBORNE, GLADYS HELEN	.....	Canton, North Carolina
B. A., Duke University, 1929.		
PETERSON, PAUL	.....	Pickens, Mississippi
B. S., University of Mississippi, 1930.		
PHILLIPS, WILLIAM RUFUS	.....	Oxford, Mississippi
B. S., University of Mississippi, 1930.		
PROVOST, EDWIN K.	.....	Nashville, Tennessee
B. A., Vanderbilt University, 1929.		
ROSENBLOOM, ALVIN BERNARD	.....	Jackson, Tennessee
B. A., Vanderbilt University, 1929.		
SALMON, JAMES L.	.....	Cork, Kentucky
B. A., University of Kentucky, 1928.		
SALTER, HIRAM PHELPS, JR.	.....	Nashville, Tennessee
B. A., Vanderbilt University, 1929.		
SANDERS, HARMON U., JR.	.....	Carrollton, Mississippi
B. S., University of Mississippi, 1927.		
SANDUSKY, WILLIAM ROBERTS	.....	Pensacola, Florida
B. A., Vanderbilt University, 1929.		
SAUBERLI, HARRY ALBERT	.....	Lorraine, Kansas
B. S., Ottawa University, 1928.		
SHARP, JAMES CALVIN	.....	Nashville, Tennessee
B. A., Vanderbilt University, 1929.		
SIMPSON, JOHN WASHINGTON	.....	Atlanta, Georgia
B. A., Vanderbilt University, 1928.		

SPITZ, SOPHIE	Nashville, Tennessee
B. A., Vanderbilt University, 1929.	
TRABUE, CHARLES CLAY, IV	Nashville, Tennessee
B. A., Davidson College, 1928.	
VAUGHAN, WILLIAM ORREN	Mayfield, Kentucky
B. A., Vanderbilt University, 1927.	
WEINSTEIN, BERNARD M.	Nashville, Tennessee
B. A., Vanderbilt University, 1929.	
WHEELER, PAUL ALLEN	Bonham, Texas
B. A., University of Texas, 1925.	
B. S., University of North Dakota, 1930.	
WILSON, HARWELL, JR.	Winter Haven, Florida
B. A., Vanderbilt University, 1928.	

*Third-Year Class*

ANDERSON, LUCILE R.	Sylacauga, Alabama
A. B., Carson-Newman College, 1926.	
D. Sc., Johns Hopkins University, 1930.	
BAYER, DAVID S.	Nashville, Tennessee
A. B., Vanderbilt University, 1930.	
BLOUNT, RANKIN C.	Cynthiana, Kentucky
A. B., Georgetown College, 1930.	
BOHORFOUSH, JOSEPH G.	Birmingham, Alabama
A. B., Vanderbilt University, 1929.	
BOWMAN, JOSEPH R.	Johnson City, Tennessee
B. S., Milligan College, 1929.	
BROWN, HAROLD W.	Muskegon Heights, Michigan
A. B., Kalamazoo College, 1924.	
M. S., Kansas State Agricultural College, 1925.	
D. Sc., Johns Hopkins University, 1928.	
BRUTON, OGDEN C.	Mt. Gilead, North Carolina
A. B., Duke University, 1929.	
BUDDINGH, GERRIT JOHN	Byron Center, Michigan
A. B., Calvin College, 1929.	
CARNEY, HENRY M.	Tullahoma, Tennessee
A. B., Vanderbilt University, 1929.	
COPE, SOLOMON F.	McMinnville, Tennessee
A. B., Vanderbilt University, 1930.	
CORLETTE, MARVIN B.	Nashville, Tennessee
A. B., Vanderbilt University, 1930.	
DANIEL, ROLLIN A.	Old Hickory, Tennessee
A. B., Vanderbilt University, 1930.	
FINNEY, JAMES O.	Florence, Alabama
A. B., Vanderbilt University, 1929.	
FLYTHER, WILLIAM H.	Laurel Hill, North Carolina
B. S., Davidson College, 1929.	
FRIST, THOMAS F.	Meridian, Mississippi
B. S., University of Mississippi, 1931.	
GARNETT, JOHN W., JR.	Fort Worth, Texas
B. S., Texas Christian University, 1929.	
GARRETT, LESLIE M.	Booneville, Kentucky
A. B., Berea College, 1929.	

- GOLDMAN, LOUIS.....New York City, New York  
B. S., New York University, 1929.
- GRAFF, SARAH F.....Rushville, Illinois  
A. B., Alabama Woman's College, 1928.
- HARRIS, ORION W.....Nashville, Tennessee  
A. B., Vanderbilt University, 1930.
- HATHCOCK, THOMAS A., JR.....Norwood, North Carolina  
A. B., Duke University, 1929.
- HAWES, G. AUBREY.....Conway, South Carolina  
B. S., The Citadel, 1929.
- HOUSTON, HUGH L.....Murray, Kentucky  
A. B., 1928; M. S., 1929, University of Kentucky.
- LIPE, J. T.....Dardanelle, Arkansas  
A. B., Vanderbilt University, 1930.
- LIPSCHITZ, BENJAMIN.....Corona, New York  
A. B., Vanderbilt University, 1929.
- LOWENSTEIN, LOUIS.....Nashville, Tennessee  
A. B., Vanderbilt University, 1930.
- LOWENSTEIN, SOL, JR.....Nashville, Tennessee  
A. B., 1924; LL.B., 1925, Vanderbilt University.
- LOWRY, EARL C.....Donelson, Tennessee  
B. S., University of Chattanooga, 1927.
- MASON, JOHN T., JR.....McMinnville, Tennessee  
A. B., Vanderbilt University, 1930.
- MCDUGAL, LUTHER L., JR.....Jackson, Mississippi  
B. S., University of Mississippi, 1931.
- ROBBINS, BENJAMIN H.....Berea, Kentucky  
A. B., Berea, 1925,  
M. S., Vanderbilt University, 1926.
- ROBBINS, ERIC P.....Sanatorium, Mississippi  
B. S., University of Mississippi, 1931.
- SCHUESSLER, GEORGE D.....Columbus, Georgia  
B. S., University of the South, 1929.
- SELIGMAN, EWING.....Nashville, Tennessee  
A. B., Vanderbilt University, 1930.
- SEWELL, FRANK K.....Jackson, Kentucky  
A. B., University of Kentucky, 1929.
- SLOAN, WILLIAM S.....Waynesville, North Carolina  
A. B., Duke University, 1929.
- STRAYHORN, JOE M.....Nashville, Tennessee  
A. B., Vanderbilt University, 1930.
- TANKSLEY, WILLIAM H.....Nashville, Tennessee  
A. B., Vanderbilt University, 1930.
- TAYLOR, JAMES A.....Belzoni, Mississippi  
B. S., University of Virginia, 1926.
- UPCHURCH, SAMUEL E.....Clanton, Alabama  
A. B., Vanderbilt University, 1929.
- WILLIAMS, SIDNEY J.....Boligee, Alabama  
A. B., University of Alabama, 1927.
- WILSON, WILLIAM D.....Huntsville, Alabama  
A. B., University of Alabama, 1929.



## Second-Year Class

ALLEY, FRANKLIN H.	.....	Matewan, West Virginia
A. B., Berea College, 1930.		
ARCHER, GEORGE F., JR.	.....	Atlanta, Georgia
A. B., Vanderbilt University, 1931.		
BOOHER, FRANK H.	.....	Albany, Kentucky
A. B., Berea College, 1930.		
BRUBAKER, WILBUR K.	.....	Greenfield, Ohio
A. B., Vanderbilt University, 1931.		
BRYAN, W. RAY	.....	Nashville, Tennessee
B. S., Carson-Newman, 1928.		
Ph.D., Vanderbilt University, 1931.		
BUCHANAN, ROBERT N.	.....	Hendersonville, Tennessee
A. B., Vanderbilt University, 1931.		
BURKHALTER, WM. D.	.....	Nashville, Tennessee
A. B., Vanderbilt University, 1931.		
BUTLER, THOMAS	.....	Waco, Texas
A. B., Vanderbilt University, 1930.		
CARROLL, B. DEGRAW	.....	Mt. Vernon, Illinois
A. B., Muskingum College, 1928.		
CHILTON, ALFRED M.	.....	Anniston, Alabama
A. B., Howard College, 1927.		
COOK, JOSEPH R.	.....	Huntington, West Virginia
A. B., Vanderbilt University, 1931.		
CULBERTSON, JOSEPH D.	.....	Norton, Virginia
A. B., Transylvania College, 1930.		
DAVIS, FRANK M.	.....	Corinth, Mississippi
A. B., Vanderbilt University, 1930.		
ELLISON, EUGENE T.	.....	Stevenson, Alabama
A. B., Vanderbilt University, 1930.		
ERVIN, CLINTON V., JR.	.....	Mendenhall, Mississippi
A. B., University of Mississippi, 1931.		
EWING, WM. MCDANIEL	.....	Bowling Green, Kentucky
A. B., Vanderbilt University, 1931.		
FELKER, CRAWFORD L.	.....	Toledo, Ohio
A. B., University of Michigan, 1930.		
FUHLINGER, BEN G.	.....	Portage, Pennsylvania
B. S., Gettysburg College, 1930.		
GILBERT, JAMES T.	.....	Paducah, Kentucky
A. B., Vanderbilt University, 1931.		
GREIZMAN, SAUL	.....	Pittsburgh, Pennsylvania
B. S., University of Pittsburgh, 1929.		
GRIZZARD, THOMAS	.....	Goodlettsville, Tennessee
A. B., Vanderbilt University, 1931.		
HILL, O. REED	.....	Searcy, Arkansas
B. S., Cumberland University, 1930.		
JACKSON, JABEZ F.	.....	Little Rock, Arkansas
A. B., Arkansas College, 1930.		
KENNEDY, JAMES A.	.....	Nashville, Tennessee
A. B., Vanderbilt University, 1931.		



LEQUIRE, CHESTER B.	Maryville, Tennessee
A. B., Maryville College, 1927.	
LIVINGSTON, SAMUEL	Baltimore, Maryland
B. S., Georgetown University, 1928.	
LOWE, REBA M.	Nashville, Tennessee
A. B., Mercer University, 1930.	
MAPLE, JOHN L.	Alliance, Ohio
B. S., Mount Union College, 1930.	
MCCARN, DAN W.	Warrior, Alabama
B. S., Alabama Polytechnic Institute, 1930.	
MCPEAK, ELSIE M.	New York City, New York
A. B., Vanderbilt University, 1926.	
M. A., Columbia University, 1930.	
MURPHEY, FAY B., JR.	Rossville, Georgia
A. B., Vanderbilt University, 1929.	
ORR, WILLIAM F., JR.	Nashville, Tennessee
A. B., Vanderbilt University, 1929.	
OWINGS, FRANKLIN D.	Tulsa, Oklahoma
B. S., Milligan College, 1930.	
PATE, JOE, JR.	Paducah, Texas
B. S., Texas Christian University, 1931.	
PIERCE, ALEXANDER W.	Fort Worth, Texas
A. B., Vanderbilt University, 1929.	
M. A., Vanderbilt University, 1930.	
ROSEN, HERMAN L.	Dora, Alabama
A. B., Vanderbilt University, 1931.	
SHULL, HARRISON J., JR.	Nashville, Tennessee
A. B., Vanderbilt University, 1931.	
STONE, WILLIAM P.	Nashville, Tennessee
A. B., Vanderbilt University, 1930.	
SULLIVAN, WILLIAM K. W.	Jackson, Tennessee
A. B., Vanderbilt University, 1931.	
SUTHERLAND, ARTHUR J., JR.	Nashville, Tennessee
A. B., Vanderbilt University, 1931.	
THOMPSON, CHARLES C., JR.	Columbia, Mississippi
A. B., Vanderbilt University, 1931.	
VANHOOK, RILEY C., JR.	Norene, Tennessee
B. S., Cumberland University, 1930.	
WARREN, JAMES O.	New York City, New York
B. S., Clemson Agricultural College, 1930.	
WEAVER, THOMAS S.	Nashville, Tennessee
A. B., Vanderbilt University, 1931.	
WOODFIN, M. CLARK	Bell Buckle, Tennessee
A. B., Vanderbilt University, 1931.	

*First-Year Class*

BELLHOUSE, HELEN WYNARD	Alto, Georgia
A. B., Vanderbilt University, 1932.	
BILLINGTON, SHEROD MARSHALL	Nashville, Tennessee
A. B., Vanderbilt University, 1932.	

BRIGGS, BARNETT PORTER	Nashville, Tennessee
A. B., Vanderbilt University, 1932.	
BYERS, LAMAR A.	Breckenridge, Texas
B. S., Trinity University, 1931.	
CARPENTER, JAMES L.	New Hope, Alabama
A. B., University of Alabama, 1931.	
CASTELLOW, WILLIAM F.	Montgomery, Alabama
A. B., Vanderbilt University, 1932.	
COMER, EDWARD T.	Eufaula, Alabama
A. B., University of Alabama, 1931.	
COWAN, SAM C., JR.	Nashville, Tennessee
A. B., Vanderbilt University, 1931.	
DAVIS, EDWIN P.	El Dorado, Arkansas
B. S., Arkansas University, 1931.	
DAVIS, JOHN KEMP	Morristown, Tennessee
A. B., Maryville College, 1931.	
DENTON, GUY T., JR.	Dallas, Texas
A. B., Vanderbilt University, 1932.	
DISHAROON, HUGH B.	Shawmut, Alabama
A. B., Vanderbilt University, 1932.	
DRAKE, BENJAMIN M.	Port Gibson, Mississippi
B. S., Davidson College, 1931.	
EDWARDS, GWILYM AUSTIN	Van Wert, Ohio
A. B., Vanderbilt University, 1932.	
GUYTON, THOMAS M.	Decatur, Alabama
A. B., Vanderbilt University, 1932.	
HAMILTON, EARL E.	Grand Rapids, Michigan
B. S., Michigan State College, 1931.	
HARDING, EVERETT A.	St. Paul, Virginia
B. S., Lincoln Memorial University, 1929.	
HARRIS, WENDELL P.	Chicago, Illinois
B. S., University of Louisville, 1930.	
HARVEY, ROBERT H.	Nashville, Tennessee
A. B., Vanderbilt University, 1932.	
HOSKINS, LEON C.	Pineville, Kentucky
A. B., Vanderbilt University, 1932.	
HOUSTON, HAL E.	Murray, Kentucky
A. B., Murray State Teachers College, 1930.	
M. A., University of Kentucky, 1931.	
KERSTEIN, EMMANUEL M.	Brooklyn, New York
A. B., University of Alabama, 1930.	
KITCHEN, SAMUEL M.	Fort Worth, Texas
B. S., Texas Christian University, 1932.	
LAMB, ROLAND D.	Nashville, Tennessee
A. B., Vanderbilt University, 1932.	
LAW, EDWARD H., JR.	Bishopville, S. C.
A. B., Vanderbilt University, 1932.	
LUNDERMAN, JACK C.	Nashville, Tennessee
A. B., Vanderbilt University, 1932.	
MARSHALL, BEN H.	Hodgenville, Kentucky
A. B., Centre College, 1929.	

MCCALL, JOHN T., JR.	.....	Rome, Georgia
A. B., Vanderbilt University, 1932.		
MCGILL, CHARLES M.	.....	Seattle, Washington
B. S., University of Washington, 1931.		
MILLER, DAVID G., JR.	.....	Central City, Kentucky
A. B., Kentucky Wesleyan College, 1929.		
MOSELEY, CHARLES H.	.....	Anderson, South Carolina
A. B., Wofford College, 1928.		
MURPHEY, DANIEL F. H.	.....	Daphne, Alabama
A. B., University of the South, 1929.		
PATTON, WILLIAM B.	.....	Birmingham, Alabama
A. B., Vanderbilt University, 1932.		
PRATHER, JOHN I.	.....	Lexington, Kentucky
A. B., University of Kentucky, 1931.		
PRESLEY, HELEN M.	.....	Scottsboro, Alabama
A. B., Vanderbilt University, 1932.		
PYLE, W. WALTER	.....	Odem, Texas
A. B., Southwestern University, 1930.		
RANSOM, GILBERT T.	.....	Olney, Illinois
A. B., Depauw University, 1931.		
ROBINSON, RITA A.	.....	Waco, Texas
B. S., Texas Christian University, 1931.		
SHELTON, GEORGE W.	.....	Chattanooga, Tennessee
B. S., Emory and Henry, 1932.		
SPITZ, LEON J.	.....	Nashville, Tennessee
A. B., Vanderbilt University, 1932.		
SPITZ, SAMUEL H.	.....	Nashville, Tennessee
A. B., Vanderbilt University, 1932.		
STRAIN, RICHARD E.	.....	Delhi, California
A. B., Maryville College, 1931.		
VELER, VIOLA E.	.....	Lafayette, Georgia
B. S., Piedmont College, 1929.		
WALL, MALCOLM M.	.....	Charleston, West Virginia
A. B., Vanderbilt University, 1932.		
WARD, JAMES W.	.....	Amarillo, Texas
A. B., Vanderbilt University, 1930.		
WEINREB, JOSEPH	.....	Brooklyn, New York
A. B., Vanderbilt University, 1931.		
WOOD, JOSEPH C.	.....	Hampton, Virginia
A. B., Berea College, 1931.		
WORK, CHARLES E.	.....	Augusta, Kentucky
B. S., Eastern Kentucky State Teachers College, 1931.		
WRIGHT, JOHN J.	.....	Toledo, Ohio
A. B., Vanderbilt University, 1931.		
WYATT, THOMAS E.	.....	Union City, Tennessee
A. B., Vanderbilt University, 1932.		

## 1932—INTERNESHIPS

AUSTIN, THEODORE, M. D.	.....	Rochester, New York Rochester General Hospital.
BLAKE, HERBERT, M. D.	.....	Detroit, Michigan Grace Hospital.
CARTER, THOMAS SANDIDGE, M. D.	.....	Stapleton, New York U. S. Marine Hospital.
CASON, JOHN FAVER, M. D.	.....	Durham, North Carolina Duke University Hospital.
CHENOWETH, ALICE DREW, M. D.	.....	Rochester, New York Strong Memorial Hospital.
CLAIBORNE, JOHN WELLONS, JR., M. D.	.....	Detroit, Michigan Harper Hospital.
CLEVELAND, HUNT, M. D.	.....	Cincinnati, Ohio Cincinnati General Hospital.
COOK, MARY BAXTER, M. D.	.....	San Francisco, California Hospital for Children.
DAVIS, JOHN LLEWELLYN, JR., M. D.	.....	New Orleans, Louisiana Touro Infirmary.
DEYOUNG, EDWARD M., M. D.	.....	Toledo, Ohio Toledo Hospital.
DULA, FREDERICK MAST, M. D.	.....	Nashville, Tennessee Nashville General Hospital.
ELLIOTT, RICHARD GILL, II, M. D.	.....	New Orleans, Louisiana Louisiana Charity Hospital.
EVANS, EUGENE E., M. D.	.....	Toledo, Ohio Toledo Hospital.
FLEMING, WILLIAM LEROY, M. D.	.....	New York City, New York Bellevue Hospital.
GARDNER, CLARENCE L., JR., M. D.	.....	Rochester, New York Strong Memorial Hospital.
GAYDEN, HAMILTON VIRGIL, M. D.	.....	Iowa City, Iowa University of Iowa Hospitals.
HEWELL, BARBARA ANN, M. D.	.....	Nashville, Tennessee Assistant in Biochemistry, Vanderbilt University.
HUEY, THOMAS FORD, JR., M. D.	.....	Durham, North Carolina Duke University Hospital.
HUGHES, FELIX AUSTIN, JR., M. D.	.....	Nashville, Tennessee Davidson County Tuberculosis Hospital.
HUGHES, ROBERT PAUL, M. D.	.....	Nashville, Tennessee Davidson County Tuberculosis Hospital.
JOBE, LOUIS H., JR., M. D.	.....	Detroit, Michigan Harper Hospital.
JOHNSON, CLAUD DINKINS, M. D.	.....	Nashville, Tennessee Vanderbilt University Hospital.

JONES, SAM OGLE, M. D.	Nashville, Tennessee
St. Thomas Hospital.	
JUDD, GLENN B., M. D.	Iowa City, Iowa
University of Iowa Hospitals.	
KINSER, PRINTICE, JR., M. D.	Charlottesville, Virginia
University of Virginia Hospital.	
LATIMER, MARVIN LUTHER, M. D.	Nashville, Tennessee
Vanderbilt University Hospital.	
LAVENDER, HOWARD CARL, M. D.	Cincinnati, Ohio
Cincinnati General Hospital.	
LEE, AUBREY BERNARD, M. D.	Birmingham, Alabama
Hillman Hospital.	
LINDER, HUGH M. C., M. D.	Atlanta, Georgia
Grady Hospital.	
LUCAS, ROBERT LEBERN, M. D.	Nashville, Tennessee
St. Thomas Hospital.	
MCNIEL, JOHN GLENN, M. D.	Richmond, Virginia
Memorial Hospital.	
MITCHELL, RALPH JORDAN, M. D.	Stapleton, New York
U. S. Marine Hospital.	
MOFFETT, ALEXANDER STUART, M. D.	Nashville, Tennessee
Vanderbilt University Hospital.	
MOSLEY, ROBERT ARLIS, M. D.	New York City, New York
Cornell Medical Center.	
O'NEAL, BUFORD LEE, M. D.	Nashville, Tennessee
Nashville General Hospital.	
OSBORNE, GLADYS HELEN, M. D.	San Francisco, California
Women's and Children's Hospital.	
PETERSON, PAUL, M. D.	
PHILLIPS, WILLIAM RUFUS, M. D.	Nashville, Tennessee
Vanderbilt University Hospital.	
PROVOST, EDWIN K., M. D.	Columbus, Ohio
Starling-Loving University Hospital.	
ROSENBLUM, ALVIN BERNARD, M. D.	
SALMON, JAMES L., M. D.	Nashville, Tennessee
Nashville General Hospital.	
SALTER, HIRAM PHELPS, JR., M. D.	Stapleton, New York
U. S. Marine Hospital.	
SANDERS, HARMON U., JR., M. D.	
SANDUSKY, WILLIAM ROBERTS, M. D.	Baltimore, Maryland
Johns Hopkins Hospital.	
SAUBERLI, HARRY ALBERT, M. D.	Nashville, Tennessee
Vanderbilt University Hospital.	
SHARP, JAMES CALVIN, M. D.	San Antonio, Texas
Robert B. Green Memorial Hospital.	

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- SIMPSON, JOHN WASHINGTON, M. D.-----Atlanta, Georgia  
Grady Hospital.
- SPITZ, SOPHIE, M. D.-----New York City, New York  
New York Infirmary for Women and Children.
- TRABUE, CHARLES CLAY, IV, M. D.-----Nashville, Tennessee  
Vanderbilt University Hospital.
- VAUGHAN, WILLIAM ORREN, M. D.-----Nashville, Tennessee  
Vanderbilt University Hospital.
- WEINSTEIN, BERNARD M., M. D.-----Nashville, Tennessee  
Vanderbilt University Hospital.
- WHEELER, PAUL ALLEN, M. D.-----St. Louis, Missouri  
Barnes Hospital.
- WILSON, HARWELL, JR., M. D.-----Chicago, Illinois  
University of Chicago Clinics.



## HONORS

### FOUNDER'S MEDAL

HUGH M. C. LINDER.....Oxford, Alabama

### THE BEAUCHAMP SCHOLARSHIP

Awarded in the School of Medicine in the Department of Neurology

ALEXANDER STUART MOFFETT.....Kiangyin, China

### SURGEON-GENERAL'S PRIZE

Awarded in the School of Medicine, Department of Military Science

CLARENCE L. GARDNER, JR.....Russellville, Arkansas

### THE WILLIAM LITTERER PRIZE

Awarded for excellence in the Department of Bacteriology

GERRIT JOHN BUDDINGH.....Byron Center, Michigan

### ALPHA OMEGA ALPHA

#### *Fourth-Year Class*

CASON, JOHN FAVER.....Murfreesboro, Tennessee  
 CHENOWETH, ALICE DREW.....Albany, Missouri  
 CLEVELAND, HUNT.....Centreville, Alabama  
 DEYOUNG, EDWARD M.....Grand Rapids, Michigan  
 FLEMING, WILLIAM LEROY.....Nashville, Tennessee  
 GARDNER, CLARENCE L., JR.....Russellville, Arkansas  
 JOHNSON, CLAUD DINKINS.....Brundidge, Alabama  
 LINDER, HUGH M. C.....Oxford, Alabama  
 TRABUE, CHARLES CLAY, IV.....Nashville, Tennessee  
 WILSON, HARWELL, JR.....Winter Haven, Florida

#### *Third-Year Class*

BROWN, HAROLD W.....Muskegon Heights, Michigan  
 CORLETTE, MARVIN B.....Nashville, Tennessee  
 ROBBINS, BENJAMIN H.....Berea, Kentucky  
 STRAYHORN, JOE M.....Nashville, Tennessee

SCHEDULE OF COURSES—1932-1933  
 FIRST YEAR—FIRST SEMESTER  
 September 29 to February 4, inclusive

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-11:30	Gross Anatomy	Gross Anatomy	Gross Anatomy	Gross Anatomy	Gross Anatomy	Gross Anatomy
11:30-12:30	Histology Neurology		Gross Anatomy		Histology Neurology	
1:30-4:30	Histology Neurology	Histology Neurology		Histology Neurology	Histology Neurology	
4:30-5:30	Military Science					

**FIRST YEAR—SECOND SEMESTER**  
February 6 to June 2, inclusive

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-9:30 Lecture	Biochemistry	Physiology	Biochemistry	Physiology	Biochemistry	Physiology
9:30-12:30 Laboratory	Biochemistry	Physiology	Biochemistry	Physiology	Biochemistry	Physiology
1:30-4:30 Laboratory	Biochemistry	Physiology		Physiology	Biochemistry	
4:30-5:30	Military Science					

**Note:** During the first two weeks of the semester the Department of Biochemistry will use all of the scheduled time of the student; during the last two weeks of the semester the Department of Physiology will use all of the scheduled time of the student.

SECOND YEAR—FIRST TRIMESTER  
September 29 to December 10, inclusive

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-11:30	Pathology	Pathology	Pathology	Pathology	Pathology	Bacteriology
11:30-12:30	Bacteriology		Bacteriology		Bacteriology	
1:30-4:30	Bacteriology	Optional	Bacteriology	Optional	Bacteriology	
4:30-5:30			Military Science			

SECOND YEAR—SECOND TRIMESTER  
December 12 to March 11, inclusive

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-10:30	Clinical Pathology	Pathology	Pharmacology	Optional	Pathology	Pathology
10:30-11:30				Clinical Pathology		
11:30-12:30	Pharmacology			Pharmacology		Pharmacology
1:30-4:30	Pathology	Optional	Pharmacology	Optional	Clinical Pathology	
4:30-5:30			Military Science			

SECOND YEAR—THIRD TRIMESTER  
March 13 to June 2, inclusive

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-9:30	Introduction to Surgery		Introduction to Surgery		Physical Diagnosis in Surgery	Introduction to Surgery
9:30-10:30		Optional*		Optional*		
10:30-11:30	Parasitic Diseases		Military Science		Parasitic Diseases	Optional
11:30-12:30		Medical Clinic	Psychobiology	Parasitic Diseases		Physical Diagnosis
1:30-4:30	Physical Diagnosis	Optional	Physical Diagnosis	Optional	Physical Diagnosis	

\*Students must take Applied Anatomy or substitute an equivalent elective.



THIRD YEAR—FIRST TRIMESTER  
September 29 to December 10, inclusive

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-11:30	<p><b>Group A.</b>—Medical Ward Work.  <b>Group B.</b>—Surgical Ward Work.  <b>Group C.</b>—One-half group, Nashville General Hospital.            One-half group, Ward work, 8:30-10 a. m., daily, Pediatrics.            10-11:30 a. m. daily, Obstetrics.            (Sub-groups interchange November 4, 1932.)</p>					
11:30-12:30	Obstetrics	Surgery	Medicine	Obstetrics	Surgery	Medicine
1:30-2:30		Optional except half of Group C Obstetrics	Pediatrics	Optional except half of Group C Obstetrics	Ward Work except half of Group C Obstetrics	
2:30-3:30	Surgical Pathology		Military Science			
3:30-4:30			Clinical Pathological Conference		Obstetrics	

THIRD YEAR—SECOND TRIMESTER  
December 12 to March 11, inclusive

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-11:30	<p><b>Group A.</b>—Surgical Ward Work  <b>Group B.</b>—One-half group, Nashville General Hospital  One-half group, Ward work, 8:30-10 a. m. daily, Pediatrics,  10-11:30 a. m. daily, Obstetrics*  <b>Group C.</b>—Medical Ward Work  (Sub-groups interchange January 30, 1933.)</p>					
11:30-12:30	Obstetrics	Surgery	Medicine	Obstetrics	Surgery	Medicine
1:30-2:30			Psychiatry		Ward Work except half of Group B. Obstetrics	
2:30-3:30	Surgical Pathology	Optional except half of Group B. Obstetrics	Military Science	Optional except half of Group B. Obstetrics		
3:30-4:30			Clinical Pathological Conference		Obstetrics	

\*Students are assigned in pairs for out-patient deliveries beginning February 1, 1933.

**THIRD YEAR—THIRD TRIMESTER**  
March 13 to June 2, inclusive

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-11:30	<p><b>Group A.</b>—One-half group, Nashville General Hospital One-half group, Ward work, 8:30-10 a. m. daily, Pediatrics. 10-11:30 a. m. daily, Obstetrics. <b>Group B.</b>—Medical Ward Work <b>Group C.</b>—Surgical Ward Work (Sub-groups interchange April 22, 1933).</p>					
11:30-12:30	Obstetrics	Surgery	Medicine	Neurology	Surgery	Neurology
1:30-2:30	Surgical Pathology	Optional except half of Group A. Obstetrics	Psychiatry	Optional except half of Group A. Obstetrics	Ward Work except half of Group A. Obstetrics	
2:30-3:30			Military Science			
3:30-4:30			Clinical Pathological Conference		Obstetrics	

FOURTH YEAR—FIRST TRIMESTER  
September 29 to December 10, inclusive

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-9:30	Pediatrics	Preventive Medicine	Surgery	Preventive Medicine	Orthopedic Surgery	Dermatology
9:30-11:30	<b>Group A.</b> —Medical Out-patient work, including Neurology and Dermatology. <b>Group B.</b> —Surgical Out-patient work, including Orthopedics and Urology. <b>Group C.</b> —Gynecology and Electives. (See Note)					
11:30-12:30	Gynecology and Obstetrics	Surgery	Medicine	Pediatrics	Surgery	Medicine
1:30-3:30	Preventive Medicine	Optional Work and Electives, Groups A and B. Group C, Pediatrics, Ophthalmology, and Otolaryngology. Out-patient Department, according to assignment.				
3:30-4:30		Otolaryngology	Clinical Pathological Conference	History of Medicine*	Military Science	

**Note:** Students in Group C are required to spend at least one half of the trimester in Gynecology. They are required to spend the other half of the trimester in any department that may accept them.

\*—Course ends December 22, 1932.

## FOURTH YEAR—SECOND TRIMESTER

December 12 to March 11, inclusive

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-9:30	Pediatrics	Preventive Medicine	Ophthalmology	Preventive Medicine	Urology	Gynecology
9:30-11:30	<b>Group A.</b> —Surgical Out-patient Work, including Orthopedics and Urology. <b>Group B.</b> —Gynecology and Electives, as Group C, first trimester. <b>Group C.</b> —Medical Out-patient Work, including Neurology and Dermatology					
11:30-12:30	Gynecology and Obstetrics	Surgery	Medicine	Pediatrics	Surgery	Medicine
1:30-3:30	Preventive Medicine	Optional Work and Electives, Groups A and C Group B, Pediatrics, Ophthalmology, and Otolaryngology. Out-patient Department, according to assignment.				
3:30-4:30		Military Science	Clinical Pathological Conference	Medical Jurisprudence*	Immunology and Serology	

\*—Course begins January 5, 1933.

FOURTH YEAR—THIRD TRIMESTER  
March 13 to June 2, inclusive

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-9:30	Radiology	Psychiatry	Ophthalmology	Gynecology	Urology	Psychiatry
9:30-11:30	<p><b>Group A.</b>—Gynecology and Electives as Group C, First Trimester.  <b>Group B.</b>—Medical Out-patient department, including Neurology and Dermatology.  <b>Group C.</b>—Surgical Out-patient department, including Orthopedics and Urology.</p>					
11:30-12:30	Gynecology and Obstetrics	Surgery	Medicine	Pediatrics	Surgery	Medicine
1:30-3:30	<p>Optional Work and Electives, Groups B and C                      Group A, Pediatrics, Ophthalmology, and Otolaryngology.                      Out-patient Department, according to assignment.</p>					
3:30-4:30	Psychiatry	Military Science	Clinical Pathological Conference	Medical Jurisprudence	Immunology and Serology	



## SCHEDULE OF ELECTIVE COURSES\*

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*Tuesday and Thursday Afternoons*

During each trimester unless otherwise indicated.

Hours by arrangement.

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- Anatomy 24 (Tuesday or Thursday morning, Third trimester).  
Anatomy 25, 26, 30, 31.  
Biochemistry 23, 24, 25, 26, 27.  
Pharmacology 22.  
Physiology 23, (First trimester).  
Physiology 24.  
Pathology 23, 26, 27, 28.  
Medicine 9, 10.  
Obstetrics and Gynecology 6, 7, 8.  
Pediatrics 5.  
Preventive Medicine and Public Health 4.  
Radiotherapeutics, (8:30-9:30 A.M., Monday).  
Roentgenology 2, (1:30-3:30 P.M., Tuesday).  
Roentgenology 3, (9:30-11:30 A.M., daily).  
X-Ray Technique 4.  
Surgery 8 (Thursday, First trimester).  
Surgery 9 (Tuesday, First trimester).  
Surgery 10, (Thursday, Second trimester).  
Surgery 11, (Tuesday, Second trimester).  
Surgery 12 (Thursday, Third trimester).  
Surgery 13, 14.

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\*For further details concerning elective work see page 73.