

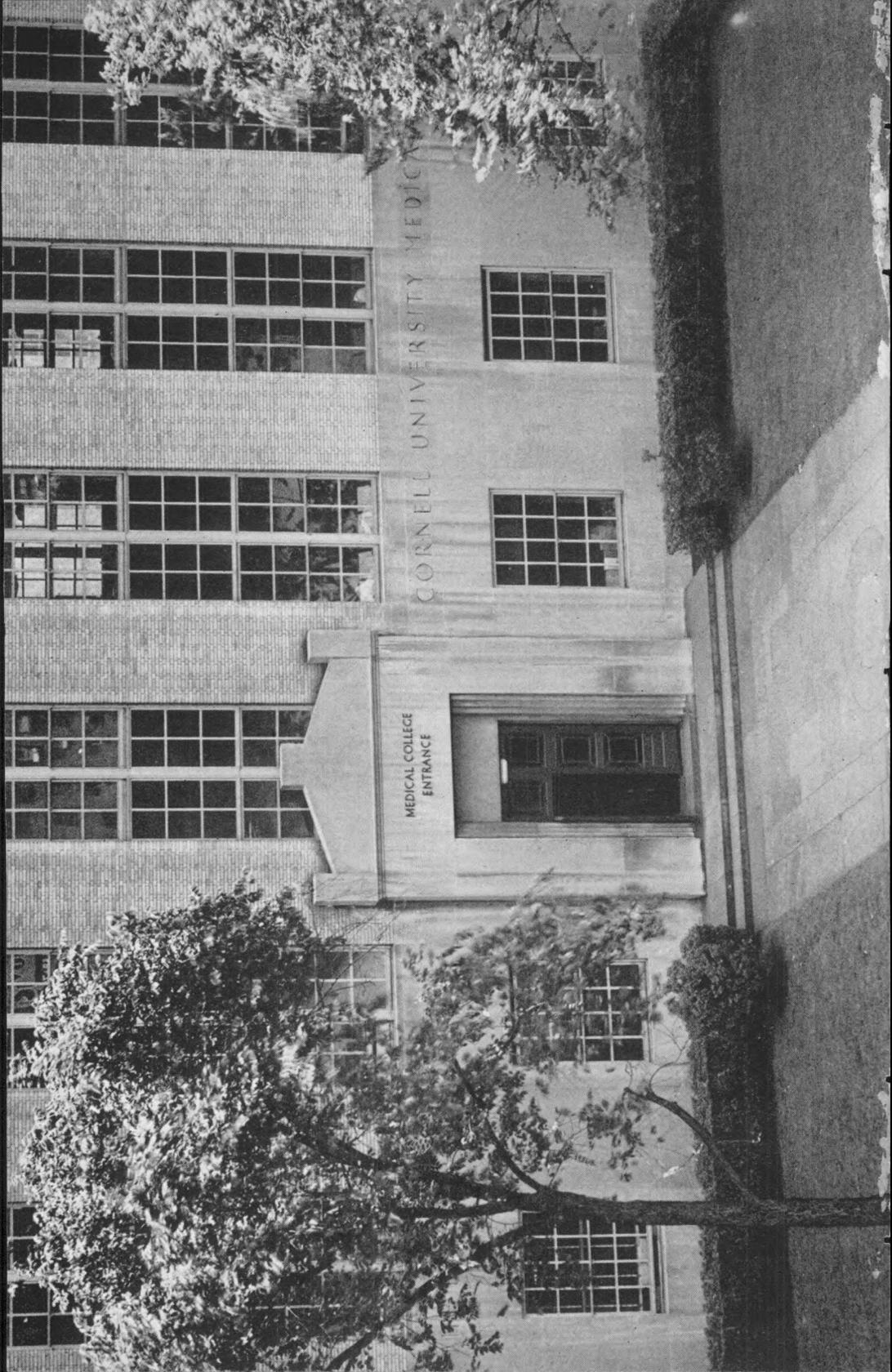
CORNELL UNIVERSITY
OFFICIAL PUBLICATION

*

Medical College

*1300 York Avenue * New York 21, N. Y.*

1947-1948



CORNELL UNIVERSITY MEDICAL

MEDICAL COLLEGE
ENTRANCE

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Calendar

1947

- Sept. 8 Second division begins for 4th year students.
Sept. 22 Examinations for conditioned students.
Sept. 23 Registration for all excepting 4th years students.*
Opening exercises of the Medical College
3:30 P.M.
Sept. 24 Instruction begins for 1st, 2nd and 3rd year students 9 A.M.
Oct. 13 Holiday—Columbus Day.
Nov. 6 Third division begins for 4th year students.
Nov. 26 Thanksgiving recess begins 5 P.M.
Dec. 1 Thanksgiving recess ends 9 A.M.
Dec. 15–16 Examinations for second year students.
Dec. 16 Fall term ends—Christmas recess begins 5 P.M.

1948

- Jan. 2 Winter term begins—Christmas recess ends 9 A.M.
Jan. 23 Fourth division begins for 4th year students.
Feb. 23 Holiday—Washington's Birthday.
March 19–20 Examinations for 1st year students.
March 20 Winter term ends 1 P.M.
March 20–25 Final examinations for 4th year students.
March 26 Commencement 3:30 P.M.
March 21–28 Spring vacation.
March 29 Spring term begins 9 A.M.¹
May 31 Holiday—Memorial Day.
June 12 Instruction ends 1 P.M.
June 14–17 Final examinations.
June 17 Close of academic year 5 P.M.

*All students must register in person at the Administration Office on or before September 23. No student will be admitted after registration day without special permission. Upon registration, all fees must be paid at the Business Office.

¹There will be no senior class during the spring term.

The New York Hospital-Cornell Medical College Association

The Association was formed by an agreement between the Society of the New York Hospital and Cornell University in order to associate organically the hospital and the medical college and to effect a complete coordination of the medical, educational, and scientific activities of the two institutions.

The Association is operated under the supervision of a Joint Administrative Board, composed of three Governors of the Society of the New York Hospital, three representatives of the Trustees of Cornell University, and one other member elected by the appointed members.

The Joint Administrative Board is composed of the following members:

STANHOPE BAYNE-JONES, *President*

EDMUND E. DAY

WILLIAM H. JACKSON

NEAL D. BECKER

LANGDON P. MARVIN

JOSEPH P. RIPLEY

HENRY S. STURGIS

JOHN W. DAVIS

THE MEDICAL COLLEGE COUNCIL

For the purpose of making recommendations to the Board of Trustees, in relation to the affairs of the Medical College, and of discharging its duties to the Memorial Hospital under the Douglas Deeds of Trust, there is established a Medical College Council, which shall consist of ten members: The President of the University, who shall be *ex officio* chairman; four Trustees to be elected by the Board of Trustees one of whom shall be elected each year for the term of four years; the Dean of the Medical College; two members of the Faculty, to be elected by the Faculty, one each year for the term of two years; two Alumni of the Medical College, one to be appointed by the Medical College Alumni Association and the other by the Board of Trustees, each for a term of one year.

The Council at present consists of the following members:

EDMUND EZRA DAY, President of Cornell University, *Chairman, ex officio.*

JOSEPH C. HINSEY, Dean, Cornell University Medical College.

NEAL D. BECKER

OSKAR DIETHELM

H. C. FLANIGAN

JAMES M. NEILL

STANTON GRIFFIS

of the Board
of Trustees.

WILLIS M. WEEDEN

ALICE BLINN

CONNIE M. GUION

of the Faculty.

of the Alumni.

EDWARD K. TAYLOR, *Secretary.*

Officers of Administration

EDMUND EZRA DAY, *President.*

JOSEPH C. HINSEY, *Dean.*

DAYTON J. EDWARDS, *Assistant Dean and Secretary of the Faculty.*

EDWARD K. TAYLOR, *Assistant Treasurer and Business Manager.*

JOSEPHINE G. NICHOLS, *Librarian.*

EXECUTIVE FACULTY

EDMUND EZRA DAY

DAVID P. BARR

McKEEN CATTELL

OSKAR DIETHELM

EUGENE F. DuBOIS

VINCENT DU VIGNEAUD

FRANK GLENN

JOSEPH C. HINSEY

JOHN G. KIDD

SAMUEL Z. LEVINE

JAMES M. NEILL

WILSON G. SMILLIE

HENRICUS J. STANDER

HAROLD L. TEMPLE

*Standing Committees**

COMMITTEE ON CURRICULUM

Vincent du Vigneaud, *Chairman*

David P. Barr

C. Gardner Child, III

Oskar Diethelm

John G. Kidd

Samuel Z. Levine

Henricus J. Stander

John Y. Sugg

COMMITTEE ON ADMISSIONS

Dayton J. Edwards, *Chairman*

N. Chandler Foot

Edward J. Hehre

Milton J. E. Senn

Wilson G. Smillie

LIBRARY COMMITTEE

Thomas P. Almy, *Chairman*

McKeen Cattell •

Joseph P. Chandler

Edwin J. Doty

Frank Glenn

James D. Hardy

John MacLeod

Bernard R. Samuels

Harold L. Temple

Josephine G. Nichols

COMMITTEE ON PROMOTION AND GRADUATION

Joseph C. Hinsey, *Chairman*

Heads of Departments, or their representatives, responsible for the more important courses of each year.

COMMITTEE ON SCHOLARSHIPS AND PRIZES

Eugene F. DuBois, *Chairman*

Walsh McDermott

James M. Neill

John M. McLean

COMMITTEE ON PRIZES IN RESEARCH

Samuel Z. Levine, *Chairman*

Oskar Diethelm

John MacLeod

Edward J. Hehre

*The Dean is ex-officio a member of all Committees.

Faculty*

EDMUND EZRA DAY, *President of Cornell University*. (S.B. 1905, A.M. 1906, Dartmouth; Ph. D. 1909, Harvard; LL.D. 1931, Vermont; 1937, Dartmouth, Harvard, Pennsylvania, and Syracuse.)

JOSEPH C. HINSEY, *Dean*. (B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University.)

EMERITUS PROFESSORS

LEWIS A. CONNER, M.D. [1898; 1945]	<i>Professor of Clinical Medicine</i>
WILLIAM J. ELSER, M.D. [1901; 1938]	<i>Professor of Applied Pathology</i>
MALCOLM GOODRIDGE, M.D. [1910; 1946]	<i>Professor of Clinical Medicine</i>
GEORGE J. HEUER, M.D. [1931; 1947]	<i>Professor of Surgery</i>
EDWARD L. KEYES, M.D. [1911; 1937]	<i>Professor of Clinical Surgery (Urology)</i>
EUGENE L. OPIE, M.D. [1932; 1941]	<i>Professor of Pathology</i>
EUGENE H. POOL, M.D. [1932; 1947]	<i>Professor of Clinical Surgery</i>
WILLIAM L. RUSSELL, M.D. [1928; 1932]	<i>Professor of Psychiatry</i>
BERNARD R. SAMUELS, M.D. [1914; 1942]	<i>Professor of Clinical Medicine (Ophthalmology)</i>
HANS J. SCHWARTZ, M.D. [1911; 1942]	<i>Professor of Clinical Medicine (Dermatology)</i>
ALEXANDER R. STEVENS, M.D. [1924; 1946]	<i>Professor of Clinical Surgery (Urology)</i>
JOSHUA E. SWEET, M.D. [1926; 1941]	<i>Professor of Experimental Surgery</i>
GEORGE GRAY WARD, M.D. [1898; 1934]	<i>Professor of Obstetrics and Gynecology</i>
GEORGE WOOLSEY, M.D. [1898; 1926]	<i>Professor of Clinical Surgery</i>

PROFESSORS

- WILLIAM DeWITT ANDRUS, *Professor of Clinical Surgery*. Attending Surgeon, New York Hospital. (A.B. 1916, A.M. 1917, Oberlin; M.D. 1921, Johns Hopkins. [1932; 1947])
- DAVID P. BARR, *Professor of Medicine*. Physician-in-Chief, New York Hospital, Consulting Physician, Bellevue Hospital. (A.B. 1911, M.D. 1914, Cornell; LL.D. 1929, Central College. [1916; 1941])
- ALEXANDER BRUNSCHWIG, *Professor of Clinical Surgery*. (B.A. 1923, M.S. 1924, University of Chicago; M.D. 1926, Rush [1947])
- McKEEN CATTELL, *Professor of Pharmacology*. (B.S. 1914, Columbia; A.M. 1917, Ph.D. 1920, M.D. 1924, Harvard. [1924; 1943])
- RUSSELL L. CECIL, *Professor of Clinical Medicine*. Consulting Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1902, Princeton; M.D. 1906, Medical College of Virginia. [1910; 1933])
- CLARENCE O. CHENEY, *Professor of Clinical Psychiatry*. Consulting Psychiatrist, New York Hospital; Medical Director Emeritus, New York Hospital, Westchester Division. (A.B. 1908, M.D. 1911, Columbia. [1917; 1930])

*The figures in brackets following the name of each faculty member indicate the date of original appointment and the year of induction into present rank.

- OSKAR DIETHELM, *Professor of Psychiatry*. Psychiatrist-in-Chief, New York Hospital. (Statsexamen 1922, U. of Zurich; M.D. 1923, U. of Berne. [1936])
- EUGENE F. DuBOIS, *Professor of Physiology*. Medical Director of the Russell Sage Institute of Pathology. Attending Physician, New York Hospital. (A.B. 1903, Harvard; M.D. 1906, Columbia. [1910; 1930])
- VINCENT du VIGNEAUD, *Professor of Biochemistry*. (B.S. 1923, M.S. 1924, Illinois; Ph.D. 1927, Rochester. [1938])
- CHARLES E. FARR, *Professor of Clinical Surgery*. (A.B. 1898, M.D. 1903, Yale. [1921; 1928])
- N. CHANDLER FOOT, *Professor of Surgical Pathology*. Surgical Pathologist, New York Hospital. (A.B. 1903, Harvard; M.D. 1907, Columbia. [1932])
- FRANK GLENN, *Lewis Atterbury Stimson Professor of Surgery*. Surgeon-in-Chief, New York Hospital. (M.D. 1927, Washington University. [1932; 1947])
- HARRY GOLD, *Professor of Clinical Pharmacology*. (A.B. 1919; M.D. 1922, Cornell. [1922; 1947])
- PHYLLIS GREENACRE, *Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (B.S. 1913, U. of Chicago; M.D. 1916, Rush. [1932; 1933])
- CONNIE M. GUION, *Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1906, Wellesley; A.M. 1913, M.D. 1917, Cornell. [1924; 1946])
- JAMES A. HARRAR, *Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1901, Pennsylvania. [1932; 1941])
- LOUIS A. HAUSMAN, *Professor of Clinical Medicine (Neurology)*. Associate Attending Physician (Neurology), New York Hospital. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1912, College of the City of New York; M.D. 1916, Cornell. [1923; 1945])
- JOSEPH C. HINSEY, *Dean; Professor of Anatomy*. (B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University. [1936])
- FOSTER KENNEDY, *Professor of Clinical Medicine (Neurology)*. Consulting neurologist, New York and Memorial Hospitals; Visiting Physician in Charge of Neurological Service, Bellevue Hospital. (M.B., B.Ch. 1906, Royal University, Ireland; M.D. 1910; Dublin. [1911; 1924])
- JOHN G. KIDD, *Professor of Pathology*. Pathologist, New York Hospital. (A.B. 1928, Duke; M.D. 1932, Johns Hopkins. [1944])
- WILLIAM S. LADD, *Professor of Clinical Medicine*. Attending Physician, New York Hospital. (B.S. 1910, Amherst; M.D. 1915, Columbia. [1931; 1935])
- SAMUEL Z. LEVINE, *Professor of Pediatrics*. Pediatrician-in-Chief, New York Hospital. (A.B. 1916, College of the City of New York; M.D. 1920, Cornell. [1924; 1936])
- ASA L. LINCOLN, *Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1910, M.A. 1911, Elon College; M.D. 1916, Johns Hopkins. [1921; 1941])
- JOHN M. McLEAN, *Professor of Clinical Surgery (Ophthalmology)*. Attending Surgeon (Ophthalmology), New York Hospital. (M.E. 1930, Stevens Institute; M.D. 1934, Cornell. [1941; 1943])
- JAMES M. NEILL, *Professor of Bacteriology and Immunology*. (B.S. 1917, Allegheny; Ph.D. 1921, Massachusetts Agricultural College. [1931])
- GEORGE PAPANICOLAOU, *Professor of Clinical Anatomy*. (M.D. 1904, Athens; Ph.D. 1910, Munich. [1914; 1947])

- PAUL REZNIKOFF, *Professor of Clinical Medicine*. Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (B.S. 1916, New York University; M.D. 1920, Cornell. [1924; 1946])
- CORNELIUS P. RHOADS, *Professor of Pathology*. Director, Memorial Hospital. (A.B. 1920, Bowdoin; M.D. 1924, Harvard. [1941])
- JOSEPH C. ROPER, *Professor of Clinical Medicine*. Consulting Physician, New York Hospital. Attending Physician, New York Hospital, Westchester Division. (M.D. 1897, New York University; M.D. 1899, Cornell. [1911; 1932])
- OSCAR M. SCHLOSS, *Professor of Clinical Pediatrics*. Attending Pediatrician, New York Hospital. (B.S. 1901, Alabama Polytechnic Institute; M.D. 1905, Johns Hopkins [1918])
- WILSON G. SMILLIE, *Professor of Public Health and Preventive Medicine*. (A.B. 1908, Colorado College; M.D. 1912, D.P.H. 1916, Harvard. [1937])
- HENRICUS J. STANDER, *Professor of Obstetrics and Gynecology*. Obstetrician and Gynecologist-in-Chief, New York Hospital. (M.S. 1916, Arizona; M.D. 1921, Yale. [1931])
- LEWIS D. STEVENSON, *Professor of Clinical Medicine (Neurology) and Associate Professor of Pathology*. Associate Pathologist, Associate Attending Physician (Neurology), New York Hospital. Consulting Neurologist, New York Hospital, Westchester Division. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1916, M.D. 1916 Queen's University. [1922; 1945])
- HAROLD L. TEMPLE, *Professor of Radiology*. Radiologist, New York Hospital. (B.S. 1932, M.D. 1935, University of Nebraska. [1941; 1946])

ASSOCIATE PROFESSORS

- FRANK E. ADAIR, *Associate Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (A.B. 1910, Sc.D. 1934, Marietta College; M.D. 1915, Johns Hopkins. [1934; 1938])
- HORACE S. BALDWIN, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (B.S. 1917, Wesleyan University; M.D. 1921, Cornell. [1923; 1947])
- WILLIAM A. BARNES, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1933, College of the City of New York; M.D. 1937, Cornell. [1938; 1946])
- C. GARDNER CHILD, III, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1930, Yale; M.D. 1934, Cornell. [1935; 1947])
- HERBERT CONWAY, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (M.B. 1928, B.S. 1929, M.D. 1929, M.S. 1932, University of Cincinnati. [1932; 1946])
- WILLIAM A. COOPER, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1928, Stanford University; M.D. 1932, Cornell. [1934; 1946])
- NELSON W. CORNELL, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1918, M.D. 1921, Cornell. [1925; 1942])
- JOHN E. DEITRICK, *Associate Professor of Medicine*. Associate Attending Physician, New York Hospital; Visiting Physician and Director, Second Medical Division, Bellevue Hospital. (B.S. 1929, Princeton; M.D. 1933, Johns Hopkins. [1934; 1946])

- PAUL A. DINEEN, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1910, St. Francis Xavier; M.D. 1914, Columbia. [1932; 1946])
- EDWIN J. DOTY, *Associate Professor of Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (M.D. 1929, University of Michigan. [1937; 1947])
- R. GORDON DOUGLAS, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D.C.M. 1924, McGill. [1932; 1937])
- GUILFORD S. DUDLEY, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital; Visiting Surgeon and Director, Second Surgical Division, Bellevue Hospital. (A.B. 1910, M.D. 1913, Cornell. [1917; 1942])
- WILLIAM H. DUNN, *Associate Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1923, Rochester; M.D. 1927, Harvard. [1932; 1947])
- JOHN H. ECKEL, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (B.S. 1929, New York University; M.D. 1933, Cornell. [1934; 1946])
- DAYTON J. EDWARDS, *Assistant Dean; Associate Professor of Physiology*. (B.S. 1906 Maine, Ph.D. 1913, Columbia. [1918; 1922])
- CARY EGGLESTON, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital. Visiting Physician, Bellevue Hospital. (M.D. 1907, Cornell. [1911; 1939])
- CLAUDE F. FORKNER, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1922, M.A. 1923, University of California; M.D. 1926, Harvard. [1938; 1946])
- RICHARD H. FREYBERG, *Associate Professor of Clinical Medicine*. (A.B. 1926, M.D. 1930, M.S. 1934, University of Michigan. [1945])
- BYRON H. GOFF, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1908, M.D. 1911, Pennsylvania. [1935; 1942])
- JAMES D. HARDY, *Associate Professor of Physiology*. (A.B. 1924, A.M. 1925, Mississippi; Ph.D. 1930, Johns Hopkins. [1937; 1947])
- WILLIAM P. HEALY, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital; Gynecologist Emeritus, Memorial Hospital. (Ph.B. 1896, Yale; M.D. 1900, Johns Hopkins. [1941])
- GEORGE W. HENRY, *Associate Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (A.B. 1912, Wesleyan; M.D. 1916, Johns Hopkins. [1928; 1932])
- CRANSTON HOLMAN, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital; Assistant Visiting Surgeon, Bellevue Hospital. (A.B. 1927, M.D. 1930, Stanford. [1932; 1946])
- ROBERT S. HOTCHKISS, *Associate Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital; Visiting Surgeon in Charge of Urological Service, Bellevue Hospital. (B.S. 1926, M.D. 1928, University of Michigan. [1935; 1946])
- HOWARD S. JECK, *Associate Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital. (Ph.B. 1904, Yale; M.D. 1909, Vanderbilt. [1917; 1939])

- MORTON C. KAHN, *Associate Professor of Public Health and Preventive Medicine*. (B.S. 1916, Ph.D. 1924, Cornell; A.M. 1917, Columbia; Sc.D. 1938, Havana. [1919; 1934])
- GEORGE M. LEWIS, *Associate Professor of Clinical Medicine (Dermatology)*. Associate Attending Physician (Dermatology), New York Hospital. (M.D. 1925, University of Alberta; L.M.C.C. 1925, Medical College of Canada. [1932; 1944])
- FREDERICK L. LIEBOLT, *Associate Professor of Clinical Surgery (Orthopedics)*. Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1925, University of Arkansas; M.D. 1930, Washington University; Sc.D. 1937, Columbia. [1939; 1946])
- GERVAIS W. McAULIFFE, *Associate Professor of Clinical Surgery (Otolaryngology)*. Attending Surgeon (Otolaryngology), New York Hospital. (M.D. 1920, Long Island College Hospital. [1926; 1942])
- WALSH McDERMOTT, *Associate Professor of Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1928, M.D. 1931, Columbia. [1933; 1946])
- WILLIAM F. MacFEE, *Associate Professor of Clinical Surgery*. Attending Surgeon, New York Hospital. (A.B. 1914, University of Tennessee; M.D. 1918, Johns Hopkins. [1936])
- THOMAS P. MAGILL, *Associate Professor of Bacteriology and Immunology*. (A.B. 1925, M.D. 1930, Johns Hopkins. [1938; 1943])
- VICTOR F. MARSHALL, *Associate Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital. (M.D. 1937, University of Virginia. [1938; 1946])
- ADE T. MILHORAT, *Associate Professor of Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1924, Columbia; M.D. 1928, Cornell. [1933; 1942])
- SAMUEL W. MOORE, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital; Assistant Visiting Surgeon, Bellevue Hospital. (B.S. 1926, Davidson; M.D. 1930, Harvard. [1932; 1946])
- CHARLES V. MORRILL, *Associate Professor of Anatomy; Chairman of Group F, Graduate School*. (A.M. 1906, Ph.D. 1910, Columbia. [1915; 1923])
- CARL MUSCHENHEIM, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1928, M.D. 1931, Columbia. [1933; 1946])
- GUSTAVE J. NOBACK, *Associate Professor of Anatomy*. (B.S. 1916, Cornell; M.A. 1920, Ph.D. 1923, University of Minnesota. [1946])
- ARTHUR PALMER, *Associate Professor of Clinical Surgery (Otolaryngology)*. Attending Surgeon (Otolaryngology), New York Hospital. (A.B. 1911, Brown; M.D. 1915, Cornell. [1923; 1942])
- HAROLD E. B. PARDEE, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1906, M.D. 1909, Columbia. [1917; 1926])
- RUSSEL H. PATTERSON, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital; Visiting Surgeon, Bellevue Hospital. (A.B. 1914, Georgia; M. D. 1918, Harvard. [1921; 1946])
- E. COOPER PERSON, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1931, University of North Carolina; M.D. 1935, Cornell. [1936; 1946])

- BRONSON S. RAY, *Associate Professor of Clinical Surgery*. Attending Surgeon, New York Hospital; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1924, Franklin; M.D. 1928, Northwestern. [1932; 1941])
- THOMAS A. C. RENNIE, *Associate Professor of Psychiatry*. Attending Psychiatrist, New York Hospital. (B.S. 1924, Pittsburgh; M.D. 1928, Harvard. [1942])
- JOHN H. RICHARDS, *Associate Professor of Clinical Medicine*. Visiting Physician, Bellevue Hospital. (M.D. 1905, Cornell. [1908; 1939])
- HENRY B. RICHARDSON, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1910, M.D. 1914, Harvard. [1924; 1932])
- MILTON J. E. SENN, *Associate Professor of Pediatrics in Psychiatry*. Attending Pediatrician (Psychiatry), New York Hospital. (B.S. 1925, M.D. 1927, Wisconsin. [1933; 1942])
- EPHRAIM SHORR, *Associate Professor of Medicine*. Attending Physician, New York Hospital (A.B. 1919, M.D. 1922, Yale. [1926; 1942])
- CARL H. SMITH, *Associate Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (B.A. 1915, College of the City of New York; M.A. 1917, Columbia; M.D. 1922, Cornell [1928; 1947])
- MORRIS K. SMITH, *Associate Professor of Clinical Surgery*. (A.B. 1907, A.M. 1911, M.D. 1911, Dartmouth. [1919; 1946])
- FRED W. STEWART, *Associate Professor of Surgical Pathology*. Pathologist, Memorial Hospital. (A.B. 1916, Ph.D. 1919, Cornell; M.D. 1924, Harvard. [1928; 1941])
- HAROLD J. STEWART, *Associate Professor of Medicine*. Attending Physician, New York Hospital. (A.B. 1915, M.D. 1919, A.M. 1923, Johns Hopkins. [1932])
- PHILIP M. STIMSON, *Associate Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1910, Yale; M.D. 1914, Cornell. [1919; 1942])
- JOHN Y. SUGG, *Associate Professor of Bacteriology and Immunology*. (B.S. 1926, Ph.D. 1931, Vanderbilt. [1932; 1943])
- EDWARD TOLSTOI, *Associate Professor of Clinical Medicine*, Associate Attending Physician, New York Hospital. (A.B. 1919, Yale; M.D. 1923, Cornell. [1927; 1947])
- PRESTON A. WADE, *Associate Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1922, M.D. 1925, Cornell. [1927; 1946])
- JAMES H. WALL, *Associate Professor of Clinical Psychiatry*. Medical Director, New York Hospital, Westchester Division. (M.D. 1927, Jefferson Medical College. [1933; 1946])
- ROBERT F. WATSON, *Associate Professor of Medicine*. Associate Attending Physician, New York Hospital. (M.D. 1934, University of Virginia. [1946])
- BRUCE WEBSTER, *Associate Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (M.D.C.M. 1925, McGill. [1932; 1947])
- SYDNEY WEINTRAUB, *Associate Professor of Clinical Radiology*. Assistant Radiologist, New York Hospital. (M.D. 1918, Columbia. [1932; 1941])
- HERVEY C. WILLIAMSON, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1908, New York University. [1917; 1941])

- MAY G. WILSON, *Associate Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (M.D. 1911, Cornell. [1918; 1942])
- HAROLD G. WOLFF, *Associate Professor of Medicine and Psychiatry*. Attending Physician, Associate Attending Psychiatrist, New York Hospital; Consulting Neurologist, New York Hospital, Westchester Division. Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1918, College of the City of New York; M.D. 1923, M.A. 1928, Harvard. [1931; 1938])
- IRVING S. WRIGHT, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1923, M.D. 1926, Cornell. [1946])

ASSISTANT PROFESSORS

- HAROLD B. ADAMS, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1917, Columbia; M.D. 1920, Cornell. [1934; 1944])
- ANDREW J. AKELAITIS, *Assistant Professor of Clinical Medicine (Neurology)*. A.B. 1925, M.D. 1929, Johns Hopkins. [1947])
- THOMAS ALMY, *Assistant Professor of Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1935, M.D. 1939, Cornell. [1940; 1946])
- ARTHUR F. ANDERSON, *Assistant Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (M.D. 1916, Tufts. [1930; 1937])
- MICHAEL ANTELL, *Assistant Professor of Public Health and Preventive Medicine*. (M.D. 1926; M.P.H. 1939, Harvard. [1947])
- BENJAMIN I. ASHE, *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, Bellevue Hospital. (B.S. 1920, M.D. 1924, Cornell. [1933; 1939])
- IRVIN BALENSWEIG, *Assistant Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital. (B.S. 1915, College of the City of New York; M.D. 1918, Cornell. [1920; 1934])
- HENRY L. BARNETT, *Assistant Professor of Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1938, M.D. 1938, Washington University. [1946])
- BENJAMIN S. BARRINGER, *Assistant Professor of Clinical Surgery (Urology)*. Urologist Emeritus, Memorial Hospital. (B.S. 1899, New York University; M.D. 1902, Cornell. [1913; 1939])
- LEONA BAUMGARTNER, *Assistant Professor of Public Health and Preventive Medicine; Assistant Professor of Clinical Pediatrics*. (A.B. 1923, M.A. 1925, Kansas; Ph.D. 1932, M.D. 1934, Yale. [1935; 1940])
- MILTON L. BERLINER, *Assistant Professor of Clinical Surgery (Ophthalmology)*. Associate Attending Surgeon (Ophthalmology), New York Hospital. (M.D. 1918, Long Island College Hospital. [1928; 1934])
- CHARLES BERRY, *Assistant Professor of Anatomy*. (A.B. 1938, De Pauw; M.S. 1939, Ph.D. 1941, Northwestern. [1947])
- CARL A. BINGER, *Assistant Professor of Clinical Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1910, M.D. 1914, Harvard. [1932])
- ROY W. BONSNES, *Assistant Professor of Biochemistry in Obstetrics and Gynecology*. (B.S. 1930, University of Connecticut; Ph.D. 1939, Yale. [1941; 1947])
- JACOB BUCKSTEIN, *Assistant Professor of Clinical Medicine*. Visiting Roentgenologist, Bellevue Hospital. (B.S. 1911, College of the City of New York; M.D. 1915, Cornell. [1927; 1940])

- WILLIAM H. CARY, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1905, Syracuse. [1937; 1946])
- JOSEPH P. CHANDLER, *Assistant Professor of Biochemistry*. (A.B. 1924, Greenville; M.S. 1927, Ph.D. 1930, Michigan. [1937; 1941])
- MAYNARD B. CHENOWETH, *Assistant Professor of Pharmacology*. (A.B. 1939, Columbia, M.D. 1942, Cornell. [1942; 1946])
- CLEMENT B. P. COBB, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1922, Williams; M.D. 1926, Harvard. [1934; 1944])
- BRADLEY L. COLEY, *Assistant Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (B.A. 1915, Yale; M.D. 1919, Columbia. [1941])
- OGDEN F. CONKEY, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1908, St. Lawrence; M.D. 1912, Columbia. [1922; 1946])
- LLOYD F. CRAVER, *Assistant Professor of Clinical Medicine*. Attending Physician, Memorial Hospital. (A.B. 1915, M.D. 1918, Cornell. [1934])
- EDWARD CUSSLER, *Assistant Professor of Clinical Medicine*. (M.D. 1904, Columbia. [1932])
- *MARGARET DANN, *Assistant Professor of Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1923, Oberlin; M.S. 1925, Illinois; Ph.D. 1932, Cornell; M.D. 1937, Yale. [1938; 1945])
- HAROLD W. K. DARGEON, *Assistant Professor of Clinical Pediatrics*. (M.D. 1922, Albany. [1947])
- EMERSON DAY, *Assistant Professor of Public Health and Preventive Medicine*. B.S. 1934, Dartmouth; M.D. 1938, Harvard. [1947])
- ARCHIE L. DEAN, *Assistant Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital. Associate Attending Surgeon, Memorial Hospital. (B.S. 1913, M.D. 1917, Cornell. [1935; 1939])
- PETER G. DENKER, *Assistant Professor of Clinical Medicine (Neurology)*. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1923, College of the City of New York; M.D. 1927, Cornell. [1932; 1941])
- EDWARD H. DENNEN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1919, Tufts. [1933; 1947])
- J. LOUISE DESPERT, *Assistant Professor of Clinical Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1928, Barnard; M.D. 1932, New York University. [1939; 1947])
- JAMES A. DINGWALL, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1936, Dartmouth; M.D. 1940, Cornell. [1941; 1946])
- SAMUEL W. DOOLEY, *Assistant Professor of Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1934, Illinois Wesleyan University; M.D. 1938, Johns Hopkins. [1940; 1947])
- JOHN W. DRAPER, Jr., *Assistant Professor of Clinical Surgery (Urology)*. Assistant Attending Surgeon (Urology), New York Hospital; Associate Visiting Surgeon (Urology), Bellevue Hospital. (A.B. 1927, Dartmouth; M.D. 1931, Cornell. [1932; 1946])

*On leave of absence.

- ROBERT O. DuBOIS, *Assistant Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1915, M.D. 1919, Columbia. [1923; 1940])
- HENRY S. DUNNING, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1927, M.D. 1930, Cornell. [1932; 1942])
- HERBERT R. EDWARDS, *Assistant Professor of Public Health and Preventive Medicine*. (M.D. 1918, College of Medical Evangelists. [1942])
- SEWARD ERDMAN, *Assistant Professor of Clinical Surgery*. Attending Surgeon, New York Hospital. (A.B. 1897, Princeton; M.D. 1902, Columbia. [1932])
- CURTIS M. FLORY, *Assistant Professor of Pathology*. Assistant Pathologist, New York Hospital. (B.S. 1935, M.D. 1938, Ph.D. 1940, University of Chicago. [1942; 1945])
- FRANKLIN M. FOOTE, *Assistant Professor of Public Health and Preventive Medicine*, (B.S. 1930, M.D. 1933, D.P.H. 1935, Yale. [1941])
- CONSTANCE FRIESS, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1928, Barnard; M.D. 1932, Cornell. [1933; 1944])
- ROBERT F. FURCHGOTT, *Assistant Professor of Biochemistry in Medicine*. (B.S. 1937, University of North Carolina; Ph.D. 1940, Northwestern. [1941; 1947])
- RALPH W. GAUSE, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1926, University of Texas; M.D. 1930, Harvard. [1935; 1947])
- WILLIAM A. GEOHEGAN, *Assistant Professor of Anatomy*. (E.E. 1929, M.D. 1941, Cornell. [1941; 1944])
- JOHN C. A. GERSTER, *Assistant Professor of Clinical Surgery*. (A.B. 1902, M.D. 1905, Columbia. [1913; 1919])
- MARTIN J. GLYNN, *Assistant Professor of Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1931, Fordham; M.D. 1935, Long Island College. [1939; 1943])
- LAWRENCE W. HANLON, Major, M.C., U. S. Army, *Assistant Professor of Military Science and Tactics*. (A.B. 1935, M.D. 1938, Cornell. [1946; 1947])
- KRISTIAN G. HANSSON, *Assistant Professor of Clinical Surgery (Orthopedics)*. Director Physiotherapy, New York Hospital. (A.B. 1920, M.D. 1923, Cornell. [1925; 1940])
- HELEN HARRINGTON, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B., M.A. 1916, University of Denver; M.D. 1920, Johns Hopkins. [1933; 1944])
- EDWIN T. HAUSER, *Assistant Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1916, College of the City of New York; M.D. 1922, Cornell. [1925; 1941])
- W. HALL HAWKINS, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1906, Central University of Kentucky; M.D. 1911, Johns Hopkins. [1932; 1941])
- EDWARD H. HEHRE, *Assistant Professor of Bacteriology and Immunology*. (A.B. 1934, M.D. 1937, Cornell. [1938; 1943])
- MILTON HELPERN, *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, Bellevue Hospital. (B.S. 1922, College of the City of New York; M.D. 1926, Cornell. [1931; 1940])

- ALFRED F. HOCKER, *Assistant Professor of Radiology*. Consultant in Radiology (X-ray Therapy), New York Hospital; Associate Roentgenologist, Assistant Surgeon, Memorial Hospital. (M.D. 1926, University of Louisville Medical College. [1937; 1941])
- GUSTAVUS A. HUMPHREYS, *Assistant Professor of Clinical Surgery (Urology)*. Assistant Attending Surgeon (Urology), New York Hospital. (A.B. 1927, Princeton; M.D. 1932, Columbia. [1937; 1946])
- FREDERICK C. HUNT, *Assistant Professor of Clinical Pediatrics*, Associate Attending Pediatrician, New York Hospital. (M.D. 1924, Western Ontario. [1932; 1940])
- GERALD R. JAMEISON, *Assistant Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (M.D. 1918, Albany Medical College. [1933; 1936])
- CARL T. JAVERT, *Assistant Professor of Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1932; Buffalo. [1937; 1946])
- SAMUEL F. KELLEY, *Assistant Professor of Clinical Surgery (Otolaryngology)*. Assistant Attending Surgeon (Otolaryngology), New York Hospital. (M.D. 1921, University of Texas. [1926; 1943])
- HEDWIG KOENIG, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1918, Barnard; M.A. 1920, Columbia; M.D. 1929, Johns Hopkins. [1935; 1944])
- NORVELLE C. LaMAR, *Assistant Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1921, M.D. 1925, Indiana. [1932; 1942])
- ERNEST W. LAMPE, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. Visiting Surgeon, Bellevue Hospital. (B.S. 1920, University of Minnesota; M.D. 1923, Rush Medical School. [1941; 1945])
- ALEXANDER HAMILTON LEIGHTON, *Assistant Professor of Clinical Psychiatry*. (A.B. 1923, Princeton; M.A. 1934, Cambridge; M.D. 1936, Johns Hopkins. [1947])
- ELISE STRANG L'ESPERANCE, *Assistant Professor of Public Health and Preventive Medicine*. (M.D. 1900, Woman's Medical College. [1910; 1946])
- LEON I. LEVINE, *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, Bellevue Hospital. (B.S. 1918, College of the City of New York; M.D. 1922, Cornell. [1924; 1939])
- MILTON I. LEVINE, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1923, College of the City of New York; M.D. 1927, Cornell. [1933; 1944])
- SOL S. LICHTMAN, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1918, College of the City of New York; M.D. 1921, Cornell. [1943; 1947])
- MARY E. H. LOVELESS, *Assistant Professor of Medicine (Allergy)*. (A.B. 1921, M.D. 1925, Stanford. [1939; 1944])
- HOWARD S. McCANDLISH, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1917, University of Virginia. [1921; 1941])
- JOHN F. McGRATH, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1902, Princeton; M.D. 1908, Cornell. [1921; 1933])
- COSMO G. MacKENZIE, *Assistant Professor of Biochemistry*. (A.B. 1932, ScD. 1936, Johns Hopkins. [1947])

- CHARLES M. McLANE, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1924, M.D. 1928, Johns Hopkins. [1932; 1946])
- ALLISTER M. McLELLAN, *Assistant Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital. (M.D. 1924, McGill. [1932; 1942])
- JOHN MacLEOD, *Assistant Professor of Anatomy*. (A.B. 1934, M.Sc. 1937, New York University; Ph.D. 1941, Cornell. [1941; 1946])
- EDGAR MAYER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1909, College of the City of New York; M.D. 1913, Columbia. [1934])
- LEONIDAS D. MARINELLI, *Assistant Professor of Radiology (Radiological Physics)*. B.S. 1931, Cooper Union; M.A. 1936, Columbia. [1943])
- HAYES MARTIN, *Assistant Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (B.A. 1911, M.D. 1917, Iowa. [1941])
- DONALD B. MELVILLE, *Assistant Professor of Biochemistry*. (B.S. 1936, M.S. 1937, Ph. D. 1939, University of Illinois. [1944; 1946])
- CURTIS L. MENDELSON, *Assistant Professor of Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1934, Michigan; M.D. 1938, Cornell. [1947])
- LAURENCE MISCALL, *Assistant Professor of Clinical Surgery*. (A.B. 1926, M.D. 1930, Cornell. [1942; 1947])
- JAMES A. MOORE, *Assistant Professor of Clinical Surgery (Otolaryngology)*. Assistant Attending Surgeon (Otolaryngology), New York Hospital, (B.S. 1930, Davidson College; M.D. 1934, Harvard. [1941; 1946])
- WILLIAM F. NICKEL, Jr., *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1930, M.D. 1934, Johns Hopkins. [1935; 1946])
- CHARLES T. OLCOTT, *Assistant Professor of Pathology*. Assistant Pathologist, New York Hospital. (A.B. 1911, Princeton; M.D. 1916, Cornell. [1926; 1943])
- THEODORE W. OPPEL, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1926, M.A. 1927, Wisconsin; M.D. 1929, Pennsylvania. [1932; 1946])
- CHARLES H. O'REGAN, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1919, St. Francis Xavier; M.D. 1928, McGill. [1932; 1944])
- JOHN A. O'REGAN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1916, McGill. [1932; 1941])
- GEORGE T. PACK, *Assistant Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (B.S. 1920, Ohio State; M.D. 1922, Yale. [1935])
- DOUGLASS PALMER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1909, Williams; M.D. 1915, Cornell. [1925; 1939])
- FRANK H. PETERS, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. Visiting Physician, Bellevue Hospital. (C.E. 1915, Pennsylvania Military College; M.D. 1920, Columbia. [1934; 1940])

- NORMAN PLUMMER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Associate Visiting Physician, Bellevue Hospital. (A.B. 1922, University of California; M.D. 1926, Cornell. [1928; 1941])
- JULIAN R. RACHELE, *Assistant Professor of Biochemistry*. (B.A. 1934, M.S. 1935, Ph.D. 1939, New York University. [1940; 1945])
- HERBERT J. RIEKERT, *Assistant Professor of Clinical Surgery (Orthopedics)*. Assistant Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1932, M.D. 1935, Cornell. [1942; 1946])
- WALTER F. RIKER, *Assistant Professor of Pharmacology*. (B.S. 1939, Columbia; M.D. 1943, Cornell. [1941; 1947])
- HERBERT S. RIPLEY, *Assistant Professor of Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1929, University of Michigan; M.D. 1935, Harvard. [1935; 1946])
- FRED V. ROCKWELL, *Assistant Professor of Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1931, M.D. 1936, Rochester. [1939; 1946])
- MEYER ROSENTOHN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1901, College of the City of New York; M.D. 1909, Columbia. [1932; 1941])
- JESSE F. SAMMIS, *Assistant Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1902, Princeton; M.D. 1906, Columbia. [1920; 1933])
- JOHN G. SCHMIDT, *Assistant Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1925, Williams; M.D. 1930, Harvard. [1939; 1946])
- GEORGE A. SCHUMACHER, *Assistant Professor of Medicine*. Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1932, Pennsylvania State College; M.D. 1936, Cornell. [1938; 1946])
- ROBERT S. SHERMAN, *Assistant Professor of Radiology*. (Ph.B. 1931, Brown; M.D. 1935, Harvard. [1947])
- DONALD J. SIMONS, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1927, Brown; M.D. 1931, Harvard. [1939; 1942])
- FRANK R. SMITH, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital; Associate Attending Surgeon, Memorial Hospital. (A.B. 1917, Yale; M.D. 1921, Harvard. [1932; 1941])
- J. JAMES SMITH, *Assistant Professor of Medicine*. Associate Visiting Physician and Assistant Director of Second Medical Division, Bellevue Hospital. (A.B. 1934, St. Peters; M.D. 1938, Cornell. [1939; 1946])
- RALPH G. STILLMAN, *Assistant Professor of Medicine (Clinical Pathology)*. Clinical Pathologist, New York Hospital. (A.B. 1903, Yale; M.D. 1907, Columbia. [1912; 1922])
- JOSEPH V. SULLIVAN, *Assistant Professor of Radiology*. (M.D. 1932, Long Island College. [1943])
- RALPH R. TOMPSETT, *Assistant Professor of Medicine*. (A.B. 1934, M.D. 1939, Cornell. [1947])

- JANET TRAVELL, *Assistant Professor of Clinical Pharmacology*. (A.B. 1922, Wellesley; M.D. 1926, Cornell. [1930; 1947])
- JOHN H. TRAVIS, *Assistant Professor of Clinical Psychiatry*. (M.B. 1911, University of Toronto. [1941; 1945])
- MARY WARD, *Assistant Professor of Clinical Surgery (Anesthesia)*. Anesthetist-in-Chief, New York Hospital. (A.B. 1933, Wellesley; A.M. 1934, M.D. 1939, Columbia. [1945])
- LIVINGSTON WELCH, *Assistant Professor of Psychology*. (A.B. 1931, M.A. 1932, Ph.D. 1935, Columbia. [1947])
- MARJORIE A. WHEATLEY, *Assistant Professor of Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1919, Vassar; M.D. 1929, Columbia. [1931; 1945])
- CHARLES H. WHEELER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (B.S. 1931, Princeton; M.D. 1935, Cornell. [1936; 1944])
- GEORGE W. WHEELER, *Assistant Professor of Medicine (Clinical Pathology)*. Assistant Director, Clinical Bacteriologist, New York Hospital. (M.D. 1907, Cornell. [1917; 1923])
- STEPHEN WHITE, *Assistant Professor of Radiology*, Assistant Radiologist, New York Hospital. (B.S. 1920, College of the City of New York; M.D. 1924, Cornell. [1931; 1944])
- STEWART G. WOLF, Jr. *Assistant Professor of Medicine*. Assistant Attending Physician, New York Hospital; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1934, M.D. 1938, Johns Hopkins. [1939; 1946])
- BENJAMIN W. ZWEIFACH, *Assistant Professor of Physiology in Medicine*. (B.S. 1931, M.S. 1933, Ph.D. 1936, New York University. [1947])

General Statement

HISTORY

CORNELL UNIVERSITY MEDICAL COLLEGE was established by the Board of Trustees of Cornell University on April 14, 1898, when they elected Dr. William M. Polk Director of the College and Dean of the Medical Faculty, and appointed six professors. The medical college was made possible by the munificence of Colonel Oliver H. Payne, who provided the funds for the erection of the original building of the medical college located at 28th Street and First Avenue, and pledged his support to the new institution. For several years he provided funds for the annual support of the college and later placed the institution on a secure foundation by making generous provision for its permanent endowment by a gift of over four million dollars.

In October, 1898, instruction began in temporary quarters. As the medical college admitted a number of students to advanced standing, Cornell University granted the degree of Doctor of Medicine for the first time in 1899.

The Cornell University Medical College from its foundation has undertaken to carry out two allied activities, the development of physicians of the best type and the extension of medical knowledge by means of research. The medical faculty has held from the beginning of its existence the attitude that these two functions are necessary as constituting a true university school. It is committed not only to conduct teaching of high order, but also to study disease and the sciences underlying medicine in order to add to medical knowledge.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Cornell University Medical College and the New York Hospital have been cooperating for a long time in an arrangement for medical teaching. In September, 1932, however, the two institutions took up occupancy in the same plant.

The New York Hospital was founded by Royal Charter on June 13, 1771, in the reign of King George III, and has stood throughout the life

of the nation as one of the foremost hospitals in the United States, as an institution rendering service to the sick and injured, and as a center of medical education. For a number of years the hospital and the medical college had been partially affiliated. In June, 1927, an agreement was entered into between Cornell University and the New York Hospital by which the New York Hospital-Cornell Medical College Association was formed for the purpose of bringing together their facilities and cooperating in the care of patients, in medical education, and in medical research. In order to harmonize the interests of the hospital and of the medical college, the Joint Administrative Board was formed consisting of three representatives of each institution and a seventh member elected by those appointed by the hospital and by the university.

Additional endowment was secured by each institution. A group of buildings was erected along the East River between 68th and 71st Streets, adjoining the Rockefeller Institute for Medical Research. The new plant affords separate buildings for each of the various laboratory departments, and includes approximately 1000 hospital beds. Provision is made for medicine, surgery, obstetrics and gynecology, pediatrics, and psychiatry in five distinct clinical units.

The faculty of the medical college and the professional staff of the hospital are organized so as to form one body established on a university basis.

The new plant affords very favorable conditions for the conduct of medical education, for the pursuit of medical research, and for the care of patients in all phases of medical practice.

FACILITIES FOR INSTRUCTION

From the point of view of medical instruction, the facilities provided by the plant of the New York Hospital-Cornell Medical College Association are in many respects unexcelled. The plant consists of eleven buildings, joined either directly or by underground passages. These provide ample accommodations for the care of hospital patients, for the teaching of the clinical branches, and for the various activities connected with the work of the preclinical departments of the medical college.

CORNELL MEDICAL COLLEGE. Instruction in the medical sciences is conducted in a group of buildings extending along York Avenue from 68th to 70th Streets, centering in a court at the end of 69th Street where the entrance to the medical college is located. This group comprises four units facing on York Avenue each of which is five stories high. The extreme northern and southern buildings connect with the

central group by means of two-story structures. In this series of buildings the one to the north (unit A) is devoted entirely to the department of anatomy; the one next to this on the south (unit B) to bacteriology and immunology; the third (unit D) to physiology; the fourth (unit E) to biochemistry and pharmacology. A seven-story building (unit C) joins the buildings B and D in the center and in this are the offices of the medical college, the library, and the department of pathology. This central building of the college is joined on all floors with the central hospital building. Certain of the laboratories of the department of public health and preventive medicine are located in the two-story building which adjoins the bacteriology unit to the north but the major part of this department is comprised in the Kips Bay-Yorkville Health Center building of the City of New York, located one-half a block west from the medical college on 69th Street.

In the main buildings of the medical college, student laboratories and lecture rooms are provided on the second and third floors, and extensive facilities for research by staff and students are available on other floors. Locker rooms are provided for the use of students. A cafeteria under the direction of the chief dietitian of the New York Hospital is maintained for students and faculty.

NEW YORK HOSPITAL. Clinical instruction is given in the five separate clinics forming the New York Hospital. The medical and surgical clinics occupy the central hospital building, while the women's clinic, the pediatric clinic, and the psychiatric clinic extend from north to south, overlooking the East River. Each clinic contains, besides provision for bed-patients, its own out-patient department, lecture rooms and laboratories for routine study and for clinical research. Special provision has also been made for the laboratory work of students. The medical clinic occupies the second to fourth floors of the central hospital building, with six pavilions for bed-patients, three floors for its out-patient department, and extensive laboratories for chemical, physiological, and biological research. The surgical clinic occupies the pavilions from the fifth to the ninth floor, with out-patient and other facilities for the various surgical specialties. The operating rooms are on the tenth and eleventh floors. Above are six floors containing one hundred rooms for private patients, while the living quarters for the resident staff are on the six floors at the top of the building. The entire hospital has a capacity of approximately 1,000 beds.

The head of each clinic, responsible for the care of patients and the conduct of professional services of the hospital, is also professor in charge of the corresponding department of the medical college. Each clinical department is staffed in part by teachers and clinicians, including the professor in charge, who devote their entire time to the service

of the college and hospital, while other members of these departments devote part of their time to private practice.

OTHER HOSPITALS FOR CLINICAL INSTRUCTION

Although the clinical teaching is conducted largely in the New York Hospital, advantage is also taken of special facilities afforded by other hospitals. In some of these hospitals the staff appointments are controlled by the medical college, while in others the teaching privileges have been granted to the members of the staffs who are also members of the medical college faculty.

BELLEVUE HOSPITAL. Bellevue is the central hospital of the New York City Department of Hospitals. It contains 3325 beds and is devoted to the treatment of acute diseases. It is organized in four divisions, one of which has been placed at the disposal of the faculty of Cornell University Medical College for medical instruction. The services conducted by the college include a medical service and a surgical service, each of 90 beds, a urological service and neurological service of approximately 60 beds. The staffs of these services are nominated by the college from among the members of its faculty and teaching staff, and the medical college is responsible for the professional conduct of these services.

MEMORIAL HOSPITAL. Through the generosity of the late Dr. James Douglas, who provided the hospital with an endowment for the study and treatment of cancer and allied diseases, the Memorial Hospital became affiliated in 1914 with Cornell University Medical College. The agreement between the Memorial Hospital and the College, requires that the professional staff be named by the Council of the Medical College subject to the approval of the board of managers of the hospital. The facilities of the hospital, which are of exceptional value in the field of cancer, are available for study in this field by the members of the hospital staff, and unusual opportunities are afforded for instruction in the pathology, diagnosis, and treatment of neoplastic diseases.

MANHATTAN STATE HOSPITAL, Ward's Island. This hospital for the care and treatment of mental diseases accommodates over 5,000 patients. Through the courtesy of the superintendent, the Department of Psychiatry is enabled to utilize this clinical material for bedside study of patients and for the instruction of students.

WILLARD PARKER HOSPITAL. Instruction in infectious diseases is conducted at the Willard Parker Hospital, where staff positions are held by members of the faculty and teaching staff who have the privilege of conducting medical instruction.

LINCOLN HOSPITAL. This unit of the New York City Department of Hospitals has a bed capacity of 469 and facilities for handling cases in all divisions of clinical work. Through cooperative arrangements made possible by members of our teaching staff holding assignments on the hospital staff, a certain part of the teaching of medicine in the second year course is carried out on the wards of Lincoln Hospital. The abundance of clinical material and the type of disease met with in this institution afford a valuable adjunct to the work in this part of the medical course.

THE RUSSELL SAGE INSTITUTE OF PATHOLOGY

This Institute has been associated with Cornell University Medical College since 1913.

At first it was affiliated with the Second Medical (Cornell) Division of Bellevue Hospital, but since 1932 it has been in the New York Hospital. The Institute has supported work in metabolism which has been conducted by the members of the departments of medicine and physiology. The respiration calorimeter which was operated for a number of years by Dr. DuBois at Bellevue Hospital has been transferred by the directors of the Institute to the New York Hospital and sufficient funds provided for carrying on the important metabolic studies by members of the staff. The medical director of the Institute is Dr. EUGENE F. DuBois, Professor of Physiology.

THE LOOMIS LABORATORY

Founded in 1886 and located at 414 East 26th St. this institution served the purpose of undergraduate instruction in the Medical College and provided facilities for original research in the various departments of laboratory investigation. The present Medical College building contains space dedicated to the original Loomis Laboratory and its established objectives.

THE LIBRARY

The reading room of the library is situated on the second floor of the central group of laboratory buildings, directly over the entrance of the medical college. The current journals are kept in racks about three sides of the room. The book stacks are directly behind and open to the reading room, extending down to the sub-basement with six floors of stacks and accommodations for about 100,000 volumes. There is also a library seminar room, and several rooms for the library staff.

The library contains at the present time about 25,000 volumes, largely made up of complete sets of important journals in the fields

of clinical medicine and the medical sciences, in English, German, and French. There are also well-selected collections of monographs, textbooks, and reprints.

Several of the departments of the medical college have libraries containing journals, monographs, and text books pertaining especially to the subject matter of the department. These serve to supplement in a useful way the scope of the main library.

The library is under the direction of a committee of the faculty, and in charge of a trained librarian who gives instruction to students on the proper methods of using the library and of searching medical literature.

A special fund, maintained in memory of Alfred Moritz Michaelis, M.D. Cornell 1925, who died the year after his graduation, is used for the purchase of books of cultural and historic value in medicine.

In addition to the college library, students may obtain certain privileges at the library of the New York Academy of Medicine, Fifth Avenue and 103rd Street, the second largest medical library in the United States.

Requirements for Admission and Graduation

The faculty of Cornell University Medical College, in defining the qualifications for admission to the medical profession, attaches particular importance to the liberal culture and general education implied by the acquisition of a college degree. All students admitted to the medical course prior to 1942 either held a baccalaureate degree or were candidates for the degree upon successful completion of the first year of the medical curriculum. Since that date, however, the degree requirement has not been adhered to as a qualification for matriculation. A return to the college degree as a prerequisite for acceptance to the medical course is not immediately contemplated but to receive favorable consideration applicants must present three years or more of college work (a minimum of 90 credit points) and a selection of courses affording a high standard of preparation.

Applications may be submitted, therefore, by students who have included in their training the special premedical subjects required of all candidates and who possess in addition an educational background enabling them to qualify under one of the following categories:

- I. Seniors (or graduates) of approved colleges or scientific schools;
- II. Juniors whose work has been in an approved college and who present outstanding scholastic and personal qualifications to undertake the study of medicine.

The basic premedical requirements which all students must fulfill to obtain a qualifying certificate from the New York State Education Department are as follows:

"Approved courses in English, physics and biology, covering at least one academic year each; and approved courses in chemistry covering at least one and one-half academic years, including an approved course in organic chemistry. Approved courses covering one academic year shall in each case be substantially equivalent to six semester credit hours."

Although the requirements outlined above form the basis of eligibility for admission to the medical course, they should be considered as representing the irreducible minimum. The list contains a total of thirty credit points which probably represents sufficient time to enable

the student to obtain a basic preparation in these different fields. In many colleges, however, additional credits in one or more of these departments are required of the candidate in order to satisfy major requirements for the degree. In making the choice of elective courses, consideration should be given to the principle that thorough training in the sciences is essential. On the other hand, too many elective courses in these departments may not provide the most acceptable preparation for medicine, since it tends to limit the time available for study in other departments offering work of a broad educational value.

The work in organic chemistry is particularly valuable and should be carried far enough to give a thorough command of this subject; likewise, a course in quantitative analysis will be found most useful in rounding out the training in chemistry. A course in comparative embryology affords a good background on which to build the teaching in this subject in the early part of the medical course. It is recommended also that of other electives in the biological field consideration be given to training in genetics and the principles of inheritance. A reading knowledge in two foreign languages is highly desirable and recommended as a part of the preparation for medicine. It is also suggested that students follow mathematics of college grade up to and including calculus, if advanced work in medical sciences is contemplated. Students planning to study medicine should bear in mind that bacteriology, immunology, human physiology, and abnormal psychology are properly subjects of the medical, and not of the pre-medical curriculum. In planning pre-medical work students are advised to elect subjects which will lay a broad foundation for medical study rather than to anticipate courses required as a part of the medical curriculum.

As a general rule the courses given in professional schools of Pharmacy, Veterinary Medicine, and Agriculture are not considered as fulfilling adequately the admission requirements.

APPLICATIONS FOR ADMISSION

All requests for application forms and enquiries regarding dates for submitting applications should be addressed to the Chairman, Committee on Admissions, 1300 York Avenue, New York City. In making application for admission the regular form issued for this purpose must be filled out and submitted, together with an unmounted recent photograph of the applicant, to the Office of Admissions.

It is impossible for the Committee on Admissions to hold personal conferences with all candidates for admission as the number is too great but selected individuals from the group of applicants receive an invitation to appear before members of the Committee.

Applications are passed upon by the Committee on Admissions after all credentials have been filed. Candidates are notified as promptly as possible of the decision of the Committee. Accepted applicants are required to make a deposit of fifty dollars within a specified time, usually two weeks after notification of favorable action on their application. This deposit is *not returnable*, but is credited toward the first tuition payment. If he fails to make this deposit within the time specified the applicant forfeits his place in the medical college.

A medical student's qualifying certificate, issued by the New York State Education Department signifying that its requirements have been met, must be secured before registration by each student accepted for admission. An application blank for the certificate with full instructions will be sent by the college to each student admitted.

ADMISSION TO ADVANCED STANDING

When vacancies occur, students may be admitted to advanced standing.

Application for a place in one of the upper classes should be filed according to the procedure described for admission to the first year class. Accepted applicants are required to make the deposit of fifty dollars. Applicants must not only furnish acceptable evidence of having satisfactorily completed in an approved medical school all of the work required of students of the class they wish to enter, but also of having completed the conditions of admission to the first-year class at Cornell University Medical College. They must present a certificate of honorable dismissal from the medical school or schools they have attended and they may be required to take examinations in any of the medical courses taken at another school.

Although a certain number of students are regularly admitted from other institutions to enter the third year class at Cornell University Medical College, rarely have there been acceptances made of students to enter the fourth year on the basis of work at another medical school. Candidates seeking admission to the fourth year are required to come before the clinical departments for a thorough examination before final action is taken on their applications.

Persons who have received the degree of Doctor of Medicine at another institution will not be accepted as candidates for this degree at Cornell University Medical College. Likewise, persons who have finished all or part of the course in dentistry and seek a transfer to medicine are discouraged from making application here since Cornell does not have a department of dentistry and makes no provision for adapting the teaching in this subject to the medical curriculum.

ADVANCEMENT AND EXAMINATION

The entire medical curriculum is arranged in four courses, or academic years, and the student advances in steps of an academic year at a time. It is necessary that he complete all subjects listed in a given academic year before taking up the next succeeding group of subjects, and to be *readmitted* to the medical college in one of the advanced years (second, third, or fourth) he must be approved for promotion by the Faculty.

Any student who by quality of work or conduct indicates an unfitness to enter the profession of medicine may, at the discretion of the Faculty, be required at any time to withdraw from the medical college.

At the close of the academic year examinations are given in all subjects excepting those extending through a part of the year only, in which examinations may be held at the close of the course in the hours allotted thereto. In making up a student's rating in a given course, all work covered in that subject during the year is taken into account and due weight assigned to the efforts he puts into his work, his seriousness of purpose, and his scholastic resourcefulness, as well as the results of the final examination.

A final rating is made for each student at the end of the academic year, based on the results of his performance in all courses in the curriculum of that year. These final ratings of students are made on the recommendations of the Committee on Promotion and Graduation, then reviewed and formally acted on by the Faculty. The Faculty ratings classify all students of the medical course under one of four groups, as follows:

1. Students with no encumbrances in any subject are recorded as "passed." This rating confers eligibility for re-admission into the medical college in the next higher class, unless by reason of conduct the Faculty considers the student unsuited for the medical profession.

2. Students with an unsatisfactory rating in 40% or more of the required hours in a given year are recorded as "not passed." A rating of "not passed" carries ineligibility for re-admission into the medical college.

3. Students with an unsatisfactory rating in less than 40% of the required hours of a given year are recorded as "conditioned." A "conditioned" student has failures in certain required courses and he may be re-examined in these subjects, but only after pursuing additional work under the direction of the head of the department in which a failure has occurred. Students who fail on re-examinations are ineligible for re-admission into the medical college, unless under special circumstances they are permitted by the Faculty to repeat courses in which their work was deficient.

4. Students with uniformly low grades in most subjects of the course for two years or more are subject to special review by the Faculty and any student with a record of this kind may be deemed unqualified to enter the medical profession. A rating in this group carries ineligibility for re-admission into the medical college.

It is a well-established policy of the medical college to make no announcement to students of grades received in any subject of the medical course.

A transcript of the medical college record of a student or graduate will be mailed on his request in writing, to accredited hospitals and to educational or other well-recognized institutions as credentials in support of his application for a position or promotion. All transcripts are marked "confidential" and carry the instructions that they are not to be turned over to the candidate. This ruling is for the purpose of avoiding possible loss and fraudulent use of an official document of the medical college. The medical college makes no charge for sending out transcripts of record.

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 completed successfully four full courses of at least eight months each as regular matriculated medical students, the last of which must have been in Cornell University Medical College. They must have satisfactorily completed all the required work of the medical curriculum and must have passed all prescribed examinations. At the end of the fourth year every student who has fulfilled these requirements will be recommended to the President and Trustees of Cornell University for the degree of Doctor of Medicine.

EXAMINATIONS FOR MEDICAL LICENSURE

Graduates of Cornell University Medical College are admitted unconditionally to the examinations for license to practice medicine in all states of the United States.

Students and graduates of Cornell University Medical College are admitted to the examinations of the National Board of Medical Examiners, whose certificate is recognized by the respective authorities of England, Scotland, and Ireland. Although national in scope and organized under the laws of the District of Columbia, the National Board of Medical Examiners is not to be confused as a Federal Government agency. For information write to The National Board of Medical Examiners, 225 South Fifteenth Street, Philadelphia, Pa.

General Information

FEES AND EXPENSES

All fees for instruction and other charges are paid at the Business Office of the Medical College, Room F-106, 1300 York Avenue, New York, N. Y.

MATRICULATION FEE (payable only once)	\$ 10
TUITION FEE, for academic year	700
This charge is payable at the beginning of the academic year, or in three equal parts, the first of which must be made at registration. No refund or rebate will be made in any case.	
ACCEPTANCE DEPOSIT	50
Each student admitted is given notice of favorable action on his application and a limited time (usually two weeks) in which to decide if he will enroll in the entering class. His name is not placed on the class list until the acceptance fee is paid. The fee is credited towards the tuition charge and is not returnable if the student fails to enter.	
STUDENT HOSPITALIZATION INSURANCE, for calendar year	12
A study of the care and treatment of students during periods of sickness or injury has shown a need for a hospitalization plan to provide adequate medical attention and to assist in defraying medical costs. A compulsory insurance plan is now in effect, which assures a limited period of care in the New York Hospital to all students during the time they are members in good standing in the medical college.	
BREAKAGE DEPOSIT	10
This deposit is required of first and second year students at the beginning of each academic year, and will be returned, less the amount charged for breakage, at the end of the year.	
GRADUATION FEE	25
This charge is payable two months before graduation.	
BOOKS. A conservative estimate for academic year	75

RESIDENCE AND LIVING EXPENSES

Accommodations are available for 220 students in temporary quarters pending completion of a Student Residence. In these facilities the rooms are ample in size and each provides space to accommodate two students. The location is within one block of the Medical College and rentals are held to a moderate price range. Applications may be made for room reservations at the time of acceptance to enter the Medical College.

Cafeterias in the Medical College and the New York Hospital afford facilities for students to obtain well-balanced meals at a conservatively low price in comparison with New York City costs.

For students planning to take up the study of medicine, the problem of financing the course is often a difficult one to solve. Although experiences in the undergraduate college may suggest the possibility of supplementing resources by carrying on outside work during the medical course, there is ample evidence to show that a student's entire time and undivided attention are required for study. It is unwise, therefore, to depend upon earning any part of one's expenses during the college year.

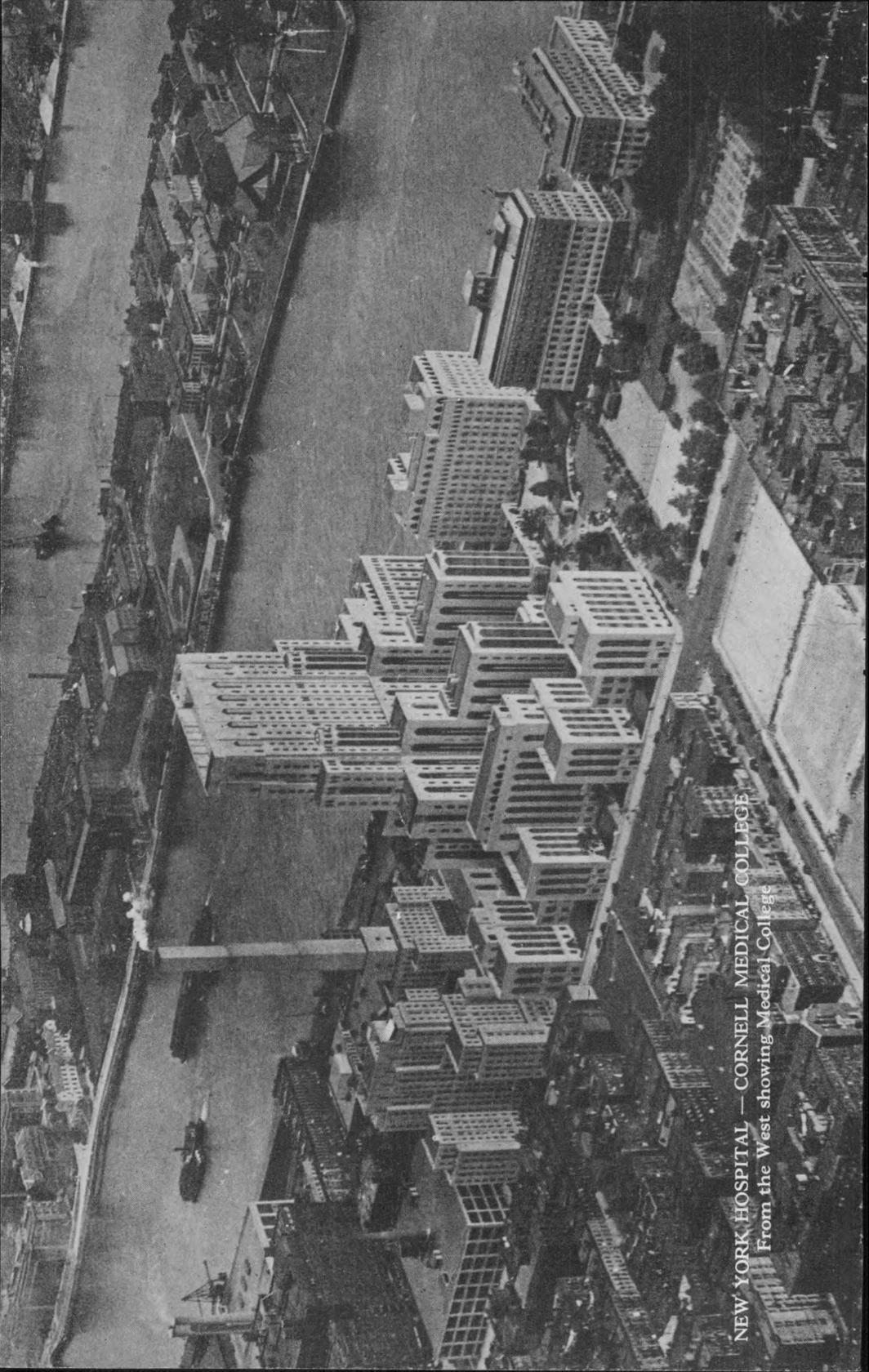
The Medical College has a limited sum used as a revolving loan fund and available to students in need of some assistance. Every effort is made within the limitations of the financial structure of the institution to help students who by reason of unforeseen circumstances get into money difficulties. A special committee considers each case on its individual merits. A student having indebtedness to the Medical College in others ways than formal loans is ineligible for graduation.

STUDENT HEALTH SERVICE

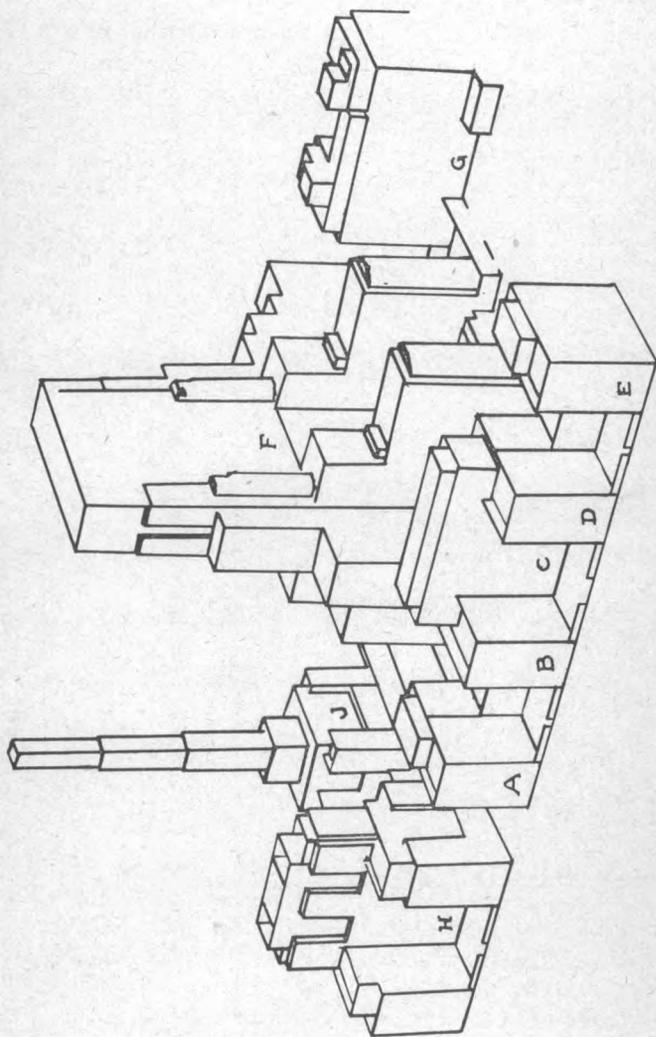
Members of the first year class and students transferred to advanced standing from other colleges are required to have a physical examination by a member of the Student Health Staff. In addition, each student in the medical college must report once each year for an X-ray examination of the lungs. In the fourth year all members of this class are called for a re-examination and a careful check of the findings made with those presented at the time the student entered. Students pay no fee for the yearly X-ray examination, nor for the services of the Student Health Staff, but they are charged for any special X-ray studies. Daily office hours between one and two p.m. are held by the Student Health Staff. Health records are kept and students advised concerning their physical condition and general health. All cases of illness must be reported to the college office. Students may have in attendance physicians of their own choice, but a reasonable amount of cooperation between such physicians and the college Health Service is expected.



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the East showing Hospital



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE
From the West showing Medical College



KEY TO THE PHOTOGRAPH ON THE OPPOSITE PAGE

- A: Anatomy.
 B: Bacteriology and Immunology.
 C: Administration and Pathology.
 D: Physiology.
 E: Biochemistry and Pharmacology.
 F: New York Hospital.
 G: Payne Whitney's Psychiatric Clinic.
 H: Nurses' Residence.
 J: Service and Power.

PRIZES

1. *FOR GENERAL EFFICIENCY.* In commemoration of John Metcalfe Polk, an instructor in this college, who was graduated from Cornell University Medical College on June 7, 1899, and died on March 29, 1904, prizes will be presented at each commencement to the three students having the highest standing for the four years' work. Only those who have taken the full course of study at Cornell University Medical College are eligible. The first prize is \$250, the second \$100, and the third \$50.

2. *FOR EFFICIENCY IN OPHTHALMOLOGY.* Two prizes, the first of \$50, the second of \$25, are offered by Professor Bernard Samuels to the two students of the graduating class who make the best records in Ophthalmology.

3. *FOR EFFICIENCY IN OTOLARYNGOLOGY.* Two prizes, the first of \$50, the second of \$25, are offered by members of the staff of otolaryngology to the two students of the graduating class who make the best record in this specialty.

4. *FOR EFFICIENCY IN OBSTETRICS.* Two prizes, the first of \$60, the second of \$30, have been endowed by an anonymous donor in recognition of the work of Dr. Gustav Seeligman in obstetrics, to be given to the two students of the graduating class who have made the best records in obstetrics.

5. *FOR EFFICIENCY IN GENERAL MEDICINE.* The income from \$1,000 is offered as a prize for general efficiency in the Department of Medicine, in commemoration of Alfred Moritz Michaelis, who was graduated from Cornell University Medical College on June 11, 1925, and who died during his internship at Mt. Sinai Hospital, April 24, 1926. Presented at each commencement to a member of the graduating class who has pursued the full course at Cornell University Medical College.

6. *THE MARY ALDRICH FUND.* In memory of William Mecklenburg Polk, M.D., LL.D., first dean of the Medical College, two prizes are offered for proficiency in research to regularly matriculated students of the Cornell University Medical College, the first of \$150, and the second of \$50. Members of all classes are eligible for these prizes.

The awards are made at the end of each academic year for the best report presented in writing of research work done by students, or for valuable reviews and logical presentations on medical subjects not to be found fully considered in a single text or reference book. If the papers submitted are not considered worthy of special commendation the prizes will be withheld.

Papers are submitted in quadruplicate in a sealed envelope marked, "Dean William Mecklenburg Polk Memorial Prize Committee," and must be in the Administrative Office not later than two weeks prior to the end of each academic year.

The committee of awards for this prize consists of two members of the faculty from laboratory departments, and two from clinical departments.

7. *THE WILLIAM C. THRO MEMORIAL FUND.* Established in memory of William C. Thro of the class of 1901 whose all-absorbing interest in and devotion to clinical pathology found expression in the teaching and practice of this subject in his alma mater continuously from 1910 to 1938. This prize award is to be given to the student showing the best record in the course in clinical pathology. The candidate for the prize is to be recommended by the professor of clinical pathology and the award made by the Committee on Prizes and Scholarships.

8. *THE HERMAN L. JACOBIOUS PRIZE IN PATHOLOGY.* Established in 1945 by a gift from Dr. Lawrence Jacobius and his friends in memory of his son who was killed in action in the Netherlands on September 28, 1944. Dr. Herman L. Jacobius was a member of the class of 1939. The income of the fund is available annually to the student of the third or fourth year class who, in the opinion of the staff of the department of Pathology merits recognition for high scholastic attainments and outstanding performance in the subject of pathology. If in any year no student merits the distinction the award will be withheld.

9. *THE BORDEN UNDERGRADUATE RESEARCH AWARD.* The terms of this grant by The Borden Company Foundation, Inc. provide for awards of \$500.00 during any one calendar year for a period of five years. The award will be made under the following terms and conditions:

1. "All persons in the graduating class of the Medical College of Cornell University who, during any year while enrolled in the College, have carried out undergraduate research in the medical field shall be eligible for the Borden Undergraduate Research Award in Medicine. The Award shall be presented at the time of his graduation to that eligible person whose research has been determined by the Medical College to be the most meritorious performed by all similarly eligible persons. Originality and thoroughness of research shall be of primary consideration."
2. "In the event that the Dean shall find it inappropriate to make the Award in any one year, the Award may be deferred to a further year. Only one Award, however, will be made during any one calendar year."

Papers submitted for this prize should be in triplicate, and must be in the Administrative Office not later than two weeks prior to the end of the academic year.

SCHOLARSHIPS

1. *THE JOHN METCALFE POLK SCHOLARSHIP*. A gift under the will of William Mecklenberg Polk, the first Dean of the medical college, is awarded annually by the faculty. The scholarship amounts to about \$200 a year.

2. *THE THORNE SHAW SCHOLARSHIP FUND*. This fund provides three scholarships designated as:

First: A scholarship of approximately \$400 available to students after at least two years of study in the medical college.

Second: Two scholarships of approximately \$200 each available to students after at least one year of study in the medical college.

These scholarships are awarded by the faculty upon nomination by the Committee on Scholarships and Prizes. They are awarded annually in June and are for one year only. Students receiving the scholarships are notified of the award at the end of the session.

3. *MARY F. HALL SCHOLARSHIP*. The income, amounting to about \$180 annually, from a fund established by bequest of Miss Mary F. Hall, is available to any woman student in Cornell University Medical College who needs its aid and who is a *bona fide* resident of the State of New York and was such prior to admission to the college.

4. *THE 1936 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND*. A five thousand dollar fund established in 1936, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

5. *THE 1939 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND*. A five thousand dollar fund established in 1939, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year, providing the qualifications of the candidate merit a re-award. If during any year the income from the above fund be not used, as above stated, then said income may be used for such research work, or otherwise, as in the judgment of the faculty (or trustees) may be deemed best.

6. *THE JEREMIAH S. FERGUSON SCHOLARSHIP*. Established in memory of Jeremiah S. Ferguson, who throughout his long connection

with the Medical College, of somewhat more than forty years, devoted much effort to helping students with their individual problems and promoting their professional careers. The fund amounts to \$5,000, the income from which, approximately \$200 a year, shall be awarded annually by the Committee on Scholarships and Prizes to a student or students in the third and fourth year classes in the Medical College who are in need of financial aid and who by conduct and scholarship have proved worthy investments.

7. *THE CHARLES RUPERT STOCKARD SCHOLARSHIP.* A ten thousand dollar fund was established in 1939 by a friend of the late Charles Rupert Stockard, Professor of Anatomy in the Cornell University Medical College from 1911-1939. The interest of this fund is to be awarded either to one student (approximately \$400) or to two students (approximately \$200 each) who have shown promise in the work in the Department of Anatomy and who are desirous of doing advanced work in this department. The scholarships are to be awarded by the Executive Faculty upon nomination by the head of the Department of Anatomy.

8. *THE DR. JOHN A. HEIM SCHOLARSHIPS.* Established under the will of John A. Heim of the class of 1905 and to provide such number of free scholarships in the medical college as there shall be funds available for the purpose. The awards are to be made to regularly matriculated medical students of good scholarship and who are in need of financial assistance. The terms of the bequest provide that "After determining the student's eligibility for one of such scholarships, a competitive examination or examinations applicable to the respective grade of such student shall be given, and the scholarship shall be awarded on the respective order of merit as determined by such examinations. Each scholarship shall be in an amount adequate to pay the necessary cost of tuition, laboratory fees, and prescribed books required during the specific year." First year students are eligible, provided they meet the standards prescribed.

9. *THE DR. CHARLES I. HYDE '10 AND EVA HYDE SCHOLARSHIP FUND.* Established in memory of their daughter, Anita Shirley Hyde. The terms of this endowment provide that the income be available annually to meritorious students who have completed one year of the regular medical course and are in need of assistance. It is further stipulated by the donors that the scholarship be available at once; that they propose to subscribe \$75.00 annually for this purpose until such time as the terms of the bequest become effective; and that if during any year the income from the fund shall not be used for scholarship purposes, the same may be used for research work or otherwise as may

be determined by the Board of Trustees after consultation by the President of the University and the Dean of the College.

10. *THE DR. JACQUES SAPHIER SCHOLARSHIP FUND.* Established in memory of Dr. Jacques Conrad Saphier, (Lieutenant j.g. USNR) of the class of 1940, who was killed in action on August 21, 1942, at Guadalcanal while in the performance of his duty. The income from this fund shall be awarded annually to a meritorious student of the Cornell University Medical College who has completed at least one year of work, who needs its aid and who, in the opinion of the Faculty, merits the recognition for which this scholarship was established.

11. *THE ELISE STRANG L'ESPERANCE SCHOLARSHIP.* This award is maintained by the personal contributions of Dr. Elise Strang L'Esperance, whose interests in the educational advancements of the Medical College have continued for many years. The value of this scholarship is \$1,000 and the award is to be given annually to the most deserving woman medical student in Cornell University Medical College. The selection of the recipient of this scholarship is to be made by the Dean in consultation with persons suggested under the original donation.

12. *THE SAGAN FOUNDATION SCHOLARSHIP.* An annual scholarship of \$500 to be awarded to a student in Cornell University Medical College, to be selected by the College on the basis of scholarship and need, without reference to race, color, sex, or creed. In the event the Foundation should discontinue the award, at least one year's notice shall be given the Medical College. A special blank issued by The Sagan Foundation should be obtained from the Dean's Office by students making application for this scholarship.

BURSARY FOR WOMEN STUDENTS

THE MARIE AND JOHN ZIMMERMAN FUND: A sum from this fund will be available this year to certain women students as a memorial to Marie Zimmerman, Sr. The candidates will be chosen in accordance with the purposes of the donor as set forth in the following terms:

"It is the desire of the Fund that Dr. Connie M. Guion and the Assistant Dean assign the proceeds of the donations to one or more women medical students who are financially in need of assistance and whose academic standing leads them to believe that the recipients of the awards will make a success in their profession."

The objectives and method of assigning these awards will follow the

principles accompanying the donations received during the present year.

LOAN FUNDS

1. *THE 1923 LOAN FUND*. This fund amounts to \$350 a year and is available as a loan to students needing financial assistance, preferably to a third year student.
2. *ALUMNI ASSOCIATION LOAN FUNDS*. The Alumni Association of the Medical College is able to aid a few students in meeting their expenses by the Jessie P. Andresen Memorial Fund and the Class Student Loan Funds. The loans made from these funds will be administered by the Board of Directors of the Alumni Association. The medical college is consulted in making these awards. Students in the upper classes will be given preference.
3. *STUDENT LOAN FUND*. A revolving fund contributed through different sources including The Kellogg Foundation and The Charles Hayden Foundation is available to students in all classes who are in need of assistance.

ALPHA OMEGA ALPHA

Alpha Omega Alpha is a non-secret, Medical College Honor Society, membership in which is based upon scholarship, moral qualifications being satisfactory. It was organized at the College of Medicine of the University of Illinois, Chicago, August 25, 1902. A.O.A. is the only order of its kind on this continent.

Elections are made from students who have fully completed 2 years of a four-year curriculum, by unanimous vote of the active members acting on recommendations made by faculty advisers. Not more than one-sixth of any class may be elected. As aspects of and indispensable to true scholarship come open-mindedness, individuality, originality, demonstration of studious attitude, and promise of intellectual growth.

The Cornell Chapter of A.O.A. was organized May 2, 1910. A large number of the faculty are members and play an active part in the functions of the society, which comprise an initiation-dinner and occasional meetings and discussion groups. The Chapter also sponsors an annual open lecture delivered in the Medical School Auditorium on a cultural or historical phase of medicine.

SIGMA XI

Sigma Xi, a national honorary society devoted to the encouragement of scientific research, was founded at Cornell University at Ithaca in

1886. An active branch of the Cornell Chapter is maintained at the Medical College. Many members of the faculty and research staff are members of Sigma Xi and share in the activities of the Cornell Chapter. Medical students are eligible for election to membership in Sigma Xi on the basis of proven ability to carry on original medical research and on nomination by active members of the Cornell Chapter. As part of its program for the encouragement of medical research, the Cornell Chapter sponsors an annual lecture to the staff and student body by an outstanding investigator in the field of medical science.

Cornell University Medical College
Alumni Association, Inc.

Officers

Willis M. Weeden '19	<i>President</i>
William D. Stubenbord '31	<i>Vice President</i>
Mary M. Crawford '07	<i>Secretary</i>
Paul Reznikoff '20	<i>Treasurer</i>

Directors

Connie M. Guion '17	S. Bernard Wortis '27
Horace S. Baldwin '21	Katherine Butler '35
Preston A. Wade '25	Thomas P. Almy '39

The officers are ex-officio members of the Board of Directors

Nelson W. Cornell '21	<i>Council Representative</i>
David N. Barrows '12	<i>Editor of the QUARTERLY</i>
Willis M. Weeden '19	<i>Associate Editor of the QUARTERLY</i>
Miss Mary E. Gleason	<i>Executive Secretary</i>

Each graduate of Cornell University Medical College is automatically considered a member of the Alumni Association and the dues are \$5 a year. The activities of the Association include a quarterly publication, an annual banquet, student and faculty parties, student loan funds, employment bureau, and this year, the sponsoring of the raising of a fund to build a student residence and recreational center. The Association maintains an office at 1300 York Avenue.

A scholarship is available each year to a student recommended by the College, and an annual appeal for funds for the use of the Medical College is made to members of the Association.

Educational Policies and Plan of Instruction

The medical college is divided into thirteen major departments, six of which are primarily concerned with the sciences underlying clinical medicine. They are anatomy, biochemistry, physiology, bacteriology and immunology, pathology, and pharmacology. Seven departments have as their major functions the study, treatment, and prevention of human diseases, and maternity care. These are medicine, surgery, pediatrics, psychiatry, obstetrics and gynecology, public health, and preventive medicine.

The heads of these major departments, together with the President of the University and the Dean, constitute the Executive Faculty, which is responsible for the educational policies of the College.

Courses required to be completed by each student before the degree of Doctor of Medicine is conferred by Cornell University are offered by each department. These courses are arranged, in their sequence and duration, to develop logically the knowledge and training of students and to build up gradually the requirements needed for graduation as Doctor of Medicine. The various departments also offer courses and opportunities for special study open to regular medical students, to candidates for advanced degrees in the Graduate School of Cornell University, and to qualified advanced students of medicine not candidates for degrees.

Medical knowledge is so extensive that only a small part of that needed for a successful career in medicine can be acquired during the time devoted to medical study by the medical college curriculum. The time devoted by the prospective physician to his preparation for the practice of Medicine includes at least one, and often many more years of graduate medical education as intern or resident of a hospital, either in clinical or laboratory work, or both. The required period of study at Cornell University Medical College extends over four academic years of at least thirty-three weeks each. It is planned that studies may be pursued during vacation periods. This will provide an opportunity to shorten the time necessary to complete all required courses and allow more time for elective work. Study in other medical schools may also be arranged during the course if opportunities can be found.

As medical science and medical practice may be pursued in a variety of ways, it is the policy of the college to encourage the student to vary his course of study according to his special interests and particular talents as far as is consistent with meeting the requirements for the degree of Doctor of Medicine.

A thesis is not required for the degree of Doctor of Medicine, but students are encouraged to engage in individual work as far as their time permits, with the hope that they may accomplish results worthy of publication. It is therefore desirable for some students to devote all their free time to a single subject in which they have a special interest.

The development of technical and scientific proficiency in the various special fields of clinical medicine is not encouraged during the regular medical course, but must await adequate training after graduation.

The first year of study is devoted to anatomy, biochemistry, physiology, bacteriology, and psychobiology.

In the second year, the subjects of bacteriology and physiology are completed and the student takes up work in pathology, pharmacology, physical diagnosis, psychiatry, obstetrics and gynecology, neurology, clinical pathology, public health, and surgery.

During the third and fourth years, students are divided into small groups for practical work in the various clinics and for elective work. The third year class meets at noon each day for clinical lectures and demonstrations.

Time for elective work is provided in the fourth year, after students have had opportunities to acquire some knowledge of the medical sciences and of clinical medicine. Students are advised to consult informally members of the faculty in regard to the use of their time for elective work. It is deemed best not to establish a formal advisory system.

The faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without previous notice to students.

Description of Courses

ANATOMY

JOSEPH C. HINSEY, Professor of Anatomy.
GEORGE PAPANICOLAOU, Professor of Clinical Anatomy.
CHARLES V. MORRILL, Associate Professor of Anatomy.
GUSTAVE J. NOBACK, Associate Professor of Anatomy.
CHARLES BERRY, Assistant Professor of Anatomy.
WILLIAM A. GEOHEGAN, Assistant Professor of Anatomy.
JOHN MacLEOD, Assistant Professor of Anatomy.
WARREN F. EBERHART, Instructor in Anatomy.
ERNEST W. LAMPE, Instructor in Anatomy.
JOHN L. NORRIS, Instructor in Anatomy.

I. EMBRYOLOGY AND HISTOLOGY... The work in embryology presupposes a general knowledge of the subject, particularly that of the early development of the chick. It embraces a thorough study of the development of the mammalian embryo in the light of our knowledge of the evolution of the human body. Malformations resulting from developmental disturbances are broadly considered. The course is closely correlated with that of gross anatomy.

The work in histology includes the histogenesis and microscopic structures of all organs of the human body with the exception of the central nervous system (See Neuro-anatomy). Emphasis is laid on relation of structure to function.

The tissues are studied principally by means of stained sections and practice is given in rapid identification of their diagnostic features. Demonstrations of living material are made and opportunities are offered for acquiring the essentials of histological technique.

Laboratory and lectures, 203 hours, first and second terms. Required of all first year students.

II. NEURO-ANATOMY... A laboratory course on the gross and microscopic anatomy of the human nervous system. Special emphasis is laid on the more important pathways and their functions.

Laboratory and demonstrations, 88 hours. Required of all first year students during the third term.

III. GROSS ANATOMY OF THE HUMAN BODY... This is taught by means of laboratory exercises and dissections. The required work includes: (a) Dissection of the part. (b) Demonstrations, study, and discussion upon dissected and prepared specimens.

Total laboratory hours, 413. First and second terms of the first year. Required of all first year students.

IV. ELECTIVE COURSES.... Subject to the approval of the Department of Anatomy, its equipment is available to medical students wishing to pursue advanced work or research in anatomical subjects. Members of the staff will direct the progress of such undertakings. Schedules to fit individual cases will be arranged for a limited number of third and fourth year students who may devote the major part or all of their elective time in this department. Such elective time may be devoted to one of the following: (1) A review of dissection; (2) dissection of a foetus; (3) microscopic anatomy; (4) embryology; (5) special research problems.

COURSES OPEN TO SPECIAL STUDENTS

1. *GROSS ANATOMY.* A limited number of graduates in medicine will be provided with material for dissection of the human body. Fee, \$30 for a term of ten weeks; or for entire dissection, \$50.

2. *COURSE IN SURGICAL ANATOMY.* This course will last 3 weeks from September 2 through September 20, 1947. It will consist of an intensive review of surgical anatomy with demonstrations and dissection. It will be especially designed for candidates for the American Board of Surgery. Housing facilities available in college dormitories. In charge of Dr. Ernest W. Lampe. Fee for the course including tuition, matriculation, and administration charges \$150. The size of the class is limited to 25 persons. Inquiries may be directed to Office of the Dean, Cornell University Medical College, 1300 York Avenue, New York 21, New York.

3. *COURSE IN CYTOLOGIC DIAGNOSIS OF CANCER.* This course will be given from September 8 to 20, 1947, and will consist of training in the technique and interpretation of smears prepared from various body fluids with discussions and laboratory work. Course is designed for qualified physicians and laboratory workers. Housing facilities available in college dormitories. In charge of Dr. George N. Papanicolaou. Fee for the course including tuition, matriculation, and administration charges \$100. The size of the class is limited to 25 persons. Inquiries may be directed to Office of the Dean, Cornell University Medical College, 1300 York Avenue, New York 21, New York.

4. *ANATOMICAL RESEARCH.* Subject to special arrangement with the head of the department.

BACTERIOLOGY AND IMMUNOLOGY

JAMES M. NEILL, Professor of Bacteriology and Immunology.

THOMAS P. MAGILL, Associate Professor of Bacteriology and Immunology.

JOHN J. SUGG, Associate Professor of Bacteriology and Immunology.

EDWARD J. HEHRE, Assistant Professor of Bacteriology and Immunology.

DORIS M. HAMILTON, Assistant in Bacteriology and Immunology.

The course given to first and second year students consists of lectures, laboratory work, and group conferences. Emphasis is placed upon the aspects of bacteriology and of immunology that are pertinent to an understanding of the infectious diseases. The course includes an analysis of the actual constituents of a number of important biological products in order to furnish a basis for interpretation of the value and the limitations of their uses in the treatment and prevention of infectious diseases. The study of material from patients is included in the laboratory part of the course, not only to acquaint the student with the technical procedures, but to illustrate the application of fundamental principles to practical methods. 154 hours.

ELECTIVE COURSES....The department will arrange a schedule of work for fourth year students who wish to devote their elective time to bacteriology and immunology.

BIOCHEMISTRY

VINCENT DU VIGNEAUD, Professor of Biochemistry.
ROY W. BONSNES, Assistant Professor of Biochemistry.
JOSEPH P. CHANDLER, Assistant Professor of Biochemistry.
COSMO G. MACKENZIE, Assistant Professor of Biochemistry.
DONALD B. MELVILLE, Assistant Professor of Biochemistry.
JULIAN R. RACHELE, Assistant Professor of Biochemistry.
FREDERICK H. CARPENTER, Research Associate in Biochemistry.
DOROTHY S. GENGHOF, Research Associate in Biochemistry.
HELENA GILDER, Research Associate in Biochemistry.
ARTHUR H. LIVERMORE, Research Associate in Biochemistry.
LESTER J. REED, Research Associate in Biochemistry.
GARDNER W. STACY, Research Associate in Biochemistry.
MARY ELIZABETH WRIGHT, Research Associate in Biochemistry.
GEORGE B. BROWN, Instructor in Biochemistry.
NANCY CROSS, Instructor in Biochemistry.
WILLIAM R. CARROLL, Research Fellow in Biochemistry.
DORIANO CAVALLINI, Research Fellow in Biochemistry.
MARTHA F. FERGER, Assistant in Biochemistry.
ELIZABETH B. KELLER, Assistant in Biochemistry.
JOHANNA M. LEE, Assistant in Biochemistry.
CHESTER W. PARTRIDGE, Assistant in Biochemistry.
JOHN E. WILSON, Assistant in Biochemistry.

The instruction in biochemistry is concentrated in the first year and is arranged upon the assumption that the student is already thoroughly grounded in the principles of chemistry and physics. The object is to impart that fundamental knowledge of biochemistry which is necessary to the comprehension of the bearings of chemistry upon medicine.

The schedule during the first term is devoted to an intensive course in general biochemistry by means of lectures and conferences. During the second and third terms the instruction is centered largely in the laboratory and conference room, where the knowledge gained in the first term is consolidated and amplified. Considerable emphasis is laid upon quantitative rather than qualitative laboratory procedures. Paralleling the laboratory work during the second and third terms is a series of lectures dealing with intermediary metabolism. Throughout these lectures the application of biochemistry to the study of disease and metabolic disturbances is stressed. Collateral reading in biochemical literature is encouraged.

First term. . . . Lecture and conference course dealing with the biochemistry of proteins, fats, carbohydrates, and purines; enzymes, digestion, intestinal putrefaction, and feces; the composition of the tissues, blood, milk, and urine. The elements of physical chemistry as applied to biology and medicine, with emphasis on the fundamental properties of electrolytes and colloids. 55 hours.

Second and third terms....Laboratory course with lectures and conferences, extending the work of the first term. The characteristics and the determination of carbohydrates, fats, and proteins, with special reference to their physiological importance and relationships. The chemistry of enzymes and of the digestive secretions and processes. Methods of analysis of urine, blood, gastric contents, and feces which are of aid in medical diagnosis. The chemistry of intermediary metabolism, of the internal secretions, and of the vitamins.

88 hours second term.

99 hours third term.

ELECTIVE COURSES

ADVANCED LABORATORY WORK OR RESEARCH. By special arrangement.

COURSES OPEN TO SPECIAL STUDENTS

1. *BIOCHEMISTRY.* Fee \$25 a term.
2. *BIOCHEMICAL LITERATURE.* Seminar course on the current literature in biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Hours to be arranged. Professors du VIGNEAUD and SUMMERSON.
3. *BIOCHEMICAL PREPARATIONS.* A laboratory course dealing with the isolation, synthesis, and analysis of selected compounds of biological importance. Hours, credits, and fees to be arranged. The STAFF.
4. *RESEARCH IN BIOCHEMISTRY.* By arrangement with the head of the department.

MEDICINE

DAVID P. BARR, Professor of Medicine.
RUSSELL L. CECIL, Professor of Clinical Medicine.
CONNIE M. GUION, Professor of Clinical Medicine.
LOUIS HAUSMAN, Professor of Clinical Medicine (Neurology).
FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).
WILLIAM S. LADD, Professor of Clinical Medicine.
ASA L. LINCOLN, Professor of Clinical Medicine.
PAUL REZNIKOFF, Professor of Clinical Medicine.
JOSEPH C. ROPER, Professor of Clinical Medicine.
LEWIS D. STEVENSON, Professor of Clinical Medicine (Neurology).
HORACE S. BALDWIN, Associate Professor of Clinical Medicine.
JOHN E. DEITRICK, Associate Professor of Medicine.
CARY EGGLESTON, Associate Professor of Clinical Medicine.
CLAUDE E. FORKNER, Associate Professor of Clinical Medicine.
RICHARD H. FREYBERG, Associate Professor of Clinical Medicine.
GEORGE M. LEWIS, Associate Professor of Clinical Medicine (Dermatology).
WALSH McDERMOTT, Associate Professor of Medicine.
ADE T. MILHORAT, Associate Professor of Medicine.
CARL MUSCHENHEIM, Associate Professor of Clinical Medicine.
HAROLD E. B. PARDEE, Associate Professor of Clinical Medicine.
JOHN H. RICHARDS, Associate Professor of Clinical Medicine.
HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.
EPHRAIM SHORR, Associate Professor of Medicine.
HAROLD J. STEWART, Associate Professor of Medicine.
EDWARD TOLSTOI, Associate Professor of Clinical Medicine.
ROBERT F. WATSON, Associate Professor of Medicine.
BRUCE P. WEBSTER, Associate Professor of Clinical Medicine.
HAROLD G. WOLFF, Associate Professor of Medicine (Neurology).
IRVING S. WRIGHT, Associate Professor of Clinical Medicine.
ANDREW J. AKELAITIS, Assistant Professor of Clinical Medicine.
THOMAS P. ALMY, Assistant Professor of Medicine.
BENJAMIN I. ASHE, Assistant Professor of Clinical Medicine.
JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.
LLOYD F. CRAVER, Assistant Professor of Clinical Medicine.
EDWARD CUSSLER, Assistant Professor of Clinical Medicine.
PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).
HENRY S. DUNNING, Assistant Professor of Clinical Medicine (Neurology).
CONSTANCE FRIESS, Assistant Professor of Clinical Medicine.
ROBERT F. FURCHGOTT, Assistant Professor of Biochemistry in Medicine.
EDWIN T. HAUSER, Assistant Professor of Clinical Medicine.
MILTON HELPERN, Assistant Professor of Clinical Medicine.
LEON I. LEVINE, Assistant Professor of Clinical Medicine.
SOL S. LICHTMAN, Assistant Professor of Clinical Medicine.
MARY E. H. LOVELESS, Assistant Professor of Clinical Medicine (Allergy).
EDGAR MAYER, Assistant Professor of Clinical Medicine.
THEODORE W. OPPEL, Assistant Professor of Clinical Medicine.
DOUGLASS PALMER, Assistant Professor of Clinical Medicine.
FRANK H. PETERS, Assistant Professor of Clinical Medicine.
NORMAN PLUMMER, Assistant Professor of Clinical Medicine.
GEORGE A. SCHUMACHER, Assistant Professor of Medicine.
DONALD J. SIMONS, Assistant Professor of Clinical Medicine.

- J. JAMES SMITH, Assistant Professor of Medicine.
 RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).
 RALPH R. TOMPSETT, Assistant Professor of Medicine.
 CHARLES H. WHEELER, Assistant Professor of Clinical Medicine.
 GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical Pathology).
 STEWART G. WOLF, Jr., Assistant Professor of Medicine.
 BENJAMIN W. ZWEIFACH, Assistant Professor of Physiology in Medicine.
 BEATRICE BERLE, Research Associate in Medicine.
 GEORGE DRAPER, Research Associate in Medicine.
 ABRAHAM MAZUR, Research Associate in Medicine.
 BELA MITTELMANN, Research Associate in Medicine.
 RALPH S. OVERMAN, Research Associate in Medicine.
 ELIZABETH ADAMS, Instructor in Medicine.
 ABRAHAM A. ANTOVILLE, Instructor in Medicine.
 Z. TAYLOR BERCOVITZ, Instructor in Medicine.
 RUTH P. BERKELEY, Instructor in Medicine.
 ROBERT M. BIRD, Instructor in Medicine.
 KEEVE BRODMAN, Instructor in Medicine.
 VERONICA BROWN, Instructor in Medicine.
 EDWARD A. BURKHARDT, Instructor in Medicine.
 KATHERINE BUTLER, Instructor in Medicine.
 HENRY A. CARR, Instructor in Medicine.
 ANNE C. CARTER, Instructor in Medicine.
 EUGENE J. COHEN, Instructor in Medicine.
 FRANK E. CORMIA, Instructor in Medicine.
 HENRY A. CROMWELL, Instructor in Medicine.
 EMERSON DAY, Instructor in Medicine.
 FRANCOIS J. DePRUME, Instructor in Medicine.
 MONROE K. DIAMOND, Instructor in Medicine.
 EDWARD M. DODD, Instructor in Medicine.
 ALBERT J. ERDMAN, JR., Instructor in Medicine.
 EMIL A. FALK, Instructor in Medicine.
 LAWRENCE FARMER, Instructor in Medicine.
 AARON FEDER, Instructor in Medicine.
 WILLIAM T. FOLEY, Instructor in Medicine.
 JOHN MARTIN GIBBONS, Instructor in Medicine.
 THOMAS N. GRAHAM, Instructor in Medicine.
 SIDNEY GREENBERG, Instructor in Medicine.
 KEITH O. GUTHRIE, JR., Instructor in Medicine.
 LOUIS A. HAUSER, Instructor in Medicine.
 GEORGE W. HEBARD, Instructor in Medicine.
 REID R. HEFFNER, Instructor in Medicine.
 HERMAN G. HELPERN, Instructor in Medicine.
 LEONARD L. HEIMOFF, Instructor in Medicine.
 DELAVAN V. HOLMAN, Instructor in Medicine.
 EVELYN HOLT, Instructor in Medicine.
 FREDDY HOMBURGER, Instructor in Medicine.
 LESLIE A. HOMRICH, Instructor in Medicine.
 EUGENE L. HORGER, Instructor in Medicine.
 LEIF Y. JACOBSEN, Instructor in Medicine.
 SCOTT JOHNSON, Instructor in Medicine.
 WILLIAM H. KAMMERER, Instructor in Medicine.
 GEORGE L. KAUER, JR., Instructor in Medicine.

HERBERT KOTEEN, Instructor in Medicine.
MILTON L. KRAMER, Instructor in Medicine.
CHARLES E. KUNKLE, JR., Instructor in Medicine.
JOHN S. LaDUE, Instructor in Medicine.
MICHAEL LAKE, Instructor in Medicine.
ROGER F. LAPHAM, Instructor in Medicine.
EDGAR A. LAWRENCE, Instructor in Medicine.
DOROTHEA LEMCKE, Instructor in Medicine.
WILLIAM H. LEWIS, JR., Instructor in Medicine.
ROBERT M. LINTZ, Instructor in Medicine.
ROBERT O. LOEBEL, Instructor in Medicine.
MARSH McCALL, Instructor in Medicine.
A. PARKS McCOMBS, Instructor in Medicine.
RICHARD R. McCORMICK, Instructor in Medicine.
KIRBY MARTIN, Instructor in Medicine.
ROBERT H. MELCHIONNA, Instructor in Medicine.
RAYMOND E. MILLER, Instructor in Medicine.
L. MARY MOENCH, Instructor in Medicine.
WILLIS A. MURPHY, Instructor in Medicine.
CHARLES H. RESSLER, Instructor in Medicine.
JULIUS L. ROGOFF, Instructor in Medicine.
SOPHIE A. ROOT, Instructor in Medicine.
JOSEPH F. SABBATINO, Instructor in Medicine.
THERESA SCANLAN, Instructor in Medicine.
C. WALLACE SORENSON, Instructor in Medicine.
AARON D. SPIELMAN, Instructor in Medicine.
ISRAEL STEINBERG, Instructor in Medicine.
JOHN W. STICKNEY, Instructor in Medicine.
WILLIAM D. STUBENBORD, Instructor in Medicine.
ARTHUR M. SUTHERLAND, Instructor in Medicine.
KATHARINE W. SWIFT, Instructor in Medicine.
HENRY J. TAGNON, Instructor in Medicine.
ALPHONSE TIMPANELLI, Instructor in Medicine.
MAURICE TULIN, Instructor in Medicine.
RUSSELL TWISS, Instructor in Medicine.
MARIAN TYNDALL, Instructor in Medicine.
FRÉDERICK C. WEBER, JR., Instructor in Medicine.
ERWIN A. WERNER, Instructor in Medicine.
G. DONALD WHEDON, Instructor in Medicine.
BYARD WILLIAMS, Instructor in Medicine.
GEORGE A. WOLF, JR., Instructor in Medicine.
SEYMOUR ZUCKER, Instructor in Medicine.
WAYNE BARKER, Research Fellow in Medicine.
VICTOR G. DeWOLF, Research Fellow in Medicine.
CHARLES H. DUNCAN, Research Fellow in Medicine.
HELEN GOODELL, Research Fellow in Medicine.
WILLIAM J. GRACE, Research Fellow in Medicine.
LAWRENCE W. HANLON, Research Fellow in Medicine.
FRÉDERIC G. HIRSCH, Research Fellow in Medicine.
MARY ELLEN HOPPER, Research Fellow in Medicine.
JACK V. KNIGHT, Research Fellow in Medicine.
ROBERT M. MARCUSSEN, Research Fellow in Medicine.
CHARLES D. MARPLE, Research Fellow in Medicine.

ABBOTT A. NEWMAN, Research Fellow in Medicine.
MARY ANN PAYNE, Research Fellow in Medicine.
GEORGE E. PEABODY, Research Fellow in Medicine.
CLEMENT B. POTEUNAS, Research Fellow in Medicine.
GEORGE G. READER, Research Fellow in Medicine.
IAN P. STEVENSON, Research Fellow in Medicine.
LEONARD R. STRAUB, Research Fellow in Medicine.
CLARA TORDA, Research Fellow in Medicine.
THEODORE F. TREUTING, Research Fellow in Medicine.
FRANK K. ABBOT, Assistant in Medicine.
GEORGE C. ARMISTEAD, JR., Assistant in Medicine.
FARRINGTON DANIELS, JR., Assistant in Medicine.
ROBERT E. ECKARDT, Assistant in Medicine.
ROSEMARY V. GORMAN, Assistant in Medicine.
SUSAN J. HADLEY, Assistant in Medicine.
LAWRENCE E. HINKLE, JR., Assistant in Medicine.
LAWRENCE B. HOBSON, Assistant in Medicine.
FRED KERN, JR., Assistant in Medicine.
ALLYN B. LEY, Assistant in Medicine.
ALAN P. MACFARLANE, Assistant in Medicine.
JOHN F. MARCHAND, Assistant in Medicine.
JOHN B. PFEIFFER, Assistant in Medicine.
EDWARD M. SHEPARD, Assistant in Medicine.
WILLIAM P. SIMMONDS, Assistant in Medicine.
RICHMOND W. SMITH, Assistant in Medicine.
WILLIAM C. THOMAS, JR., Assistant in Medicine.
DAVID B. THOMPSON, Assistant in Medicine.
GEORGE A. WALDRIFF, Assistant in Medicine.
HAROLD N. WILLARD, Assistant in Medicine.
WILLIAM G. WOODIN, Assistant in Medicine.

HARRY A. BRAY, Lecturer in Medicine (Tuberculosis).
IGNAZ W. OLJENICK, Lecturer in Medicine (Neurology).
MATTHEW WALZER, Lecturer in Medicine (Allergy).
ROBERT L. YEAGER, Lecturer in Medicine (Tuberculosis).

Students begin their course in medicine in the second term of the second year with physical diagnosis under Dr. Stewart. They are introduced to this subject in the second term (two afternoons a week) by means of lectures, demonstrations, and practical work on normal subjects and patients. In the third term they spend two mornings a week with the patients either in the pavilions or in the out-patient department of New York Hospital, or on the wards of Bellevue or Lincoln Hospital.

An introductory course in neurologic diagnostic methods is given under the direction of Dr. Wolff in the third term of the second year. The work consists of demonstrations and intensive training in the discipline of neurological examination. The students in groups of three are assigned to an instructor on the neurology service of Dr. Foster Kennedy at Bellevue Hospital. This work coincides in time with the other training in physical diagnosis.

An introductory required course in Clinical Pathology is given by Dr. Stillman in the third term of the second year, consisting of lectures and laboratory work. Among the topics discussed are the theory, practice, and application of methods for the examination of urine, blood, sputum, exudates, transudates, spinal fluid, gastric contents, and feces. The methods studied include chemical, morphological, serological, and animal inoculation methods which are of value as diagnostic procedures. Discussion of the clinical significance of findings is included. In addition, certain allergic phenomena are presented in lecture and demonstration and their clinical relationship discussed.

In each of the terms of the third year, one third of the class act as clinical clerks in medicine in the pavilions of New York Hospital. The medical wards of the New York Hospital under the supervision of Dr. Barr comprise five public pavilions totalling 142 beds. The service includes patients with diseases of the nervous system and of the skin. These are under the care of subdepartments which are organized for teaching and clinical research as well as the management of patients. They are, therefore, analogous to independent departments of dermatology and neurology as seen in other hospitals. An active pulmonary service is functioning in close cooperation with the surgical service and the pediatric service. Beds on the fourth floor are used for the study and treatment of infectious diseases, including tuberculosis, the exanthemata, and syphilis. The syphilis service (Medicine L) is organized for the study of all phases of the disease as well as for its epidemiological control. There is close cooperation with the department of psychiatry in the study of the neuroses and early manifestations of psychoses found in the wards and dispensary.

The third year clinical clerkship at the New York Hospital is under the direction of Drs. Barr, Wolff, and Watson. The backbone of the student's training as a clinical clerk is believed to be his own experience with patients as amplified by reading and by contact with members of the hospital and teaching staff. He is given as much responsibility as is practical, namely, the recording, in the hospital records, of his own histories and laboratory examinations. These, together with his physical examinations, are supervised by tutors, each of whom has responsibility for the supervision of a small group of students. Additional teaching consists of rounds with the visiting and house staff and more formal conferences once a week in which the clerks present cases for criticism and discussion. In these it is attempted to cover the more important fields of internal medicine. The work of the clerkships is supplemented by the amphitheatre clinics and pathological conferences which are held throughout the academic year. During the third year clinical clerkship the students receive further training in the evaluation of signs and symptoms of disease

of the nervous system. Twice a week the clinical clerks discuss the personality and psychiatric problems of their patients with a member of the Department of Psychiatry. Two teaching visits a week at the New York Hospital are dedicated to neurological problems. This work supplements that of the second year by placing special emphasis upon etiology and therapeutics in disease of the nervous system.

The senior students are divided into four groups, each of which devotes one term of the college year to general medicine and the medical specialties. They spend two months under the direction of Dr. Guion in the out-patient department of the New York Hospital, where they are assigned in small groups to sections in general medicine and clinics devoted to dermatology and some of the other medical specialties. Other special departments of the clinic such as physiotherapy and dietotherapy provide demonstrations to the fourth year clerks. The practical work with the patients is supplemented by seminars, clinics, lectures, demonstrations, and weekly presentations of subjects by the students themselves.

During the fourth year clinical clerkship in medicine, students for a period of 18 hours are brought by Dr. Wolff and his staff in contact with ambulatory patients suffering from diseases of the nervous system. Further opportunity to gain proficiency in the diagnosis of diseases of the nervous system is afforded. Special emphasis is placed upon the home management of patients with neurologic defects.

Clinical-pathological conferences organized by the Department of Pathology in conjunction with the clinical departments occur weekly throughout the year.

ELECTIVE COURSES

During the fourth year elective courses will be given as follows:
CLINICAL ENDOCRINOLOGY... Limited to two students—Tuesday, Thursday, and Saturday mornings. Doctor Shorr. This course will be practical work with patients and will cover the therapy of definite endocrinological diseases.

HEMATOLOGY... This course will be given by Doctor Reznikoff. Interested students should confer with Doctor Reznikoff, by appointment, in Room F-463. One or two students from the second, third, and fourth year may elect to carry on or assist in an investigative problem in hematology. Only those who wish and are able to carry out this work for an extended period will be eligible. It is expected that such a study will require extra-curricular time. Only students who are sufficiently interested in research to make it a major part of their program should elect this course.

NEUROLOGY... This course will be given by Doctor Harold Wolff and will be devoted to the investigation of special neurological problems. Students should discuss their problems with Doctor Wolff before applying for this elective.

NEUROPATHOLOGY... Work may be arranged in consultation with Doctor Lewis D. Stevenson. The course will be given Wednesday and Friday mornings at Bellevue.

NEURO-ANATOMY... This course, given by Doctor Louis Hausman, will cover the development and anatomy of the nervous system and laboratory work on the reconstruction of the nervous system. Each student makes his own model. The anatomical background of the diseases of the nervous system is considered. Hours to be arranged with the instructor.

FORENSIC MEDICINE...

(a) *A series of 12 lectures* given by Doctor Milton Helpern. The subject matter is illustrated with material derived from cases investigated by the Office of the Chief Medical Examiner of the Borough of Manhattan.

This course covers the following topics: the obligations and rights of physicians; relations of the physician to governmental agencies; functions of the office of medical examiner and of coroner; investigation and determination of the cause of sudden, suspicious, and violent deaths; the medicolegal necropsy; identification, signs of death, changes in the body after death; sudden natural death; relationship of disease and trauma; suicidal, accidental, and homicidal violent deaths; blunt force injuries, stab and bullet wounds, traumatic asphyxia, rape, abortion, infanticide; toxicology, especially the indications of poisoning and the selection of organs for chemical analysis; examination of blood stains, seminal stains, and hair, forensic applications of blood grouping; occupational injuries and diseases.

Tuesday afternoon—5-6 p.m.

(b) *Practical course*. An opportunity will be afforded to learn the circumstances surrounding and to observe at first hand the autopsy findings in numerous and varied cases of sudden, unexpected, suspicious, and violent deaths which are continuously being brought to the attention of the Office of the Chief Medical Examiner of the Borough of Manhattan for investigation.

Course to be given at the City Mortuary, 400 East 29th Street.

Applicants should arrange their time with Dr. Helpern.

OBSTETRICS AND GYNECOLOGY

- HENRICUS J. STANDER, Professor of Obstetrics and Gynecology.
JAMES A. HARRAR, Professor of Clinical Obstetrics and Gynecology.
R. GORDON DOUGLAS, Associate Professor of Clinical Obstetrics and Gynecology.
BYRON H. GOFF, Associate Professor of Clinical Obstetrics and Gynecology.
WILLIAM P. HEALY, Associate Professor of Clinical Obstetrics and Gynecology.
HERVEY C. WILLIAMSON, Associate Professor of Clinical Obstetrics and Gynecology.
ROY W. BONSNES, Assistant Professor of Biochemistry in Obstetrics & Gynecology.
WILLIAM H. CARY, Assistant Professor of Clinical Obstetrics and Gynecology.
OGDEN F. CONKEY, Assistant Professor of Clinical Obstetrics and Gynecology.
EDWARD H. DENNEN, Assistant Professor of Clinical Obstetrics and Gynecology.
RALPH W. GAUSE, Assistant Professor of Clinical Obstetrics and Gynecology.
W. HALL HAWKINS, Assistant Professor of Clinical Obstetrics and Gynecology.
CARL T. JAVERT, Assistant Professor of Obstetrics and Gynecology.
HOWARD S. McCANDLISH, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.
CHARLES M. McLANE, Assistant Professor of Clinical Obstetrics and Gynecology.
CURTIS L. MENDELSON, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN A. O'REGAN, Assistant Professor of Clinical Obstetrics and Gynecology.
MEYER ROSENTOHN, Assistant Professor of Clinical Obstetrics and Gynecology.
FRANK R. SMITH, Assistant Professor of Clinical Obstetrics and Gynecology.
ROBERT L. CRAIG, Instructor in Obstetrics and Gynecology.
WILLIAM F. FINN, Instructor in Obstetrics and Gynecology.
LYNN L. FULKERSON, Instructor in Obstetrics and Gynecology.
ARTHUR V. GREELEY, Instructor in Obstetrics and Gynecology.
HENRY D. HUMPHREY, Instructor in Obstetrics and Gynecology.
DONALD G. JOHNSON, Instructor in Obstetrics and Gynecology.
JOSEPH N. NATHANSON, Instructor in Obstetrics and Gynecology.
JOHN B. PASTORE, Instructor in Obstetrics and Gynecology.
NELSON B. SACKETT, Instructor in Obstetrics and Gynecology.
JACOB T. SHERMAN, Instructor in Obstetrics and Gynecology.
HOWARD L. WILCOX, Instructor in Obstetrics and Gynecology.
THOMAS L. BALL, Assistant in Obstetrics and Gynecology.
JUSTIN T. CALLAHAN, Assistant in Obstetrics and Gynecology.
STUART M. CHRISTHILF, JR., Assistant in Obstetrics and Gynecology.
JOHN T. COLE, Assistant in Obstetrics and Gynecology.
CHARLES E. DOUGHERTY, Assistant in Obstetrics and Gynecology.
FREDERICK W. FINN, Assistant in Obstetrics and Gynecology.
J. RANDOLPH GEPFERT, Assistant in Obstetrics and Gynecology.
OSCAR GLASSMAN, Assistant in Obstetrics and Gynecology.
ELMER E. KRAMER, Assistant in Obstetrics and Gynecology.
RICHARD C. MORRISON, Assistant in Obstetrics and Gynecology.
PAUL F. MÜLLER, Assistant in Obstetrics and Gynecology.
JOHN W. SCHLEICHER, Assistant in Obstetrics and Gynecology.
ERWIN FLETCHER SMITH, Assistant in Obstetrics and Gynecology.
CHARLES T. SNYDER, Assistant in Obstetrics and Gynecology.
ARCHIBALD W. THOMSON, JR., Assistant in Obstetrics and Gynecology.
EBEN D. TISDALE, Assistant in Obstetrics and Gynecology.
ARTHUR L. WILSON, Assistant in Obstetrics and Gynecology.

GENERAL STATEMENT

FACILITIES. . . . The Woman's Clinic of the New York Hospital provides 132 beds for teaching purposes in obstetrics and gynecology. The students are given practical instruction in the delivery and operating rooms, as well as on the wards, where they serve as clinical clerks. In addition they work in the out-patient department of clinics of gynecology, obstetrics, cystoscopy, and sterility.

The total obstetrical service cares for approximately 4500 patients a year, while the gynecological section admits about 1800 patients annually.

I. SECOND YEAR

COURSE I. LABORATORY INSTRUCTION. . . . This course comprises instruction in obstetrical bacteriology and gynecological pathology and is given throughout the second term of the year. Bacteriology on Wednesday 2-3; Pathology on Friday 2-4.

II. THIRD YEAR

COURSE I. THE THEORY AND PRINCIPLES OF OBSTETRICS AND GYNECOLOGY. . . . The course consists of lectures and demonstrations covering the anatomy and physiology of the female reproductive system; the physiology and pathology of pregnancy, labor, and puerperium; and the etiology, pathology, and diagnosis of the diseases of the pelvic structures.

Tuesdays and Saturday 12-1 p.m., throughout the year, to the whole class. Professors STANDER, DOUGLAS, HARRAR, WILLIAMSON, JAVERT, and McLANE. Total hours, 66.

COURSE II. PRACTICAL INSTRUCTION. To one-third of the class throughout each of the three terms are offered abdominal palpation and pelvic examination on Monday from 10 to 11 a.m.; and maniken exercises on Friday from 9 to 10. Professors HARRAR, DOUGLAS, McCANDLISH, and STAFF.

COURSE III. WARD ROUNDS. . . . Monday 9-10 a.m. Professor STANDER and STAFF.

COURSE IV. PRACTICAL DEMONSTRATION. . . . Bacteriology on Mondays 11-12 a.m.; Pathology on Fridays 10-12 a.m. Professors DOUGLAS and JAVERT. Total hours, 66 for Courses II, III, and IV.

III. FOURTH YEAR

MAJOR PRACTICAL OBSTETRICS AND GYNECOLOGY. . . . This course comprises practical work in obstetrics and gynecology and is

the sequel to the theoretical instruction offered to the third year students. Each student will live in the Woman's Clinic for a period of two months, during which time he will act as a clinical assistant in the obstetrical and gynecological departments, hospital wards, and delivery and operating rooms. He will be provided with sleeping accommodations, but not with board.

The practical work includes the prenatal care of many patients, attending them in labor, their delivery, as well as following them throughout the course of the puerperium. Facilities are also provided for the student to examine gynecological patients, and to follow these patients through diagnostic and therapeutic procedures.

Because of the nature of the service, night and holiday work is required. Minimum hours allotted to the course 365.

ELECTIVE COURSES

PRACTICAL OBSTETRICS AND GYNECOLOGY...A certain number of students will be accepted for periods of one month to serve as assistants in the clinic.

PATHOLOGY

JOHN G. KIDD, Professor of Pathology.
CORNELIUS P. RHOADS, Professor of Pathology.
LEWIS D. STEVENSON, Associate Professor of Pathology.
SAMUEL W. DOOLEY, Assistant Professor of Pediatrics in Pathology.
CURTIS M. FLORY, Assistant Professor of Pathology.
CHARLES T. OLCOTT, Assistant Professor of Pathology.
AARON KELLNER, Research Associate in Pathology.
THEODORE ROBERTSON, Instructor in Pathology.
ELLSWORTH C. ALVORD, Assistant in Pathology.
JAMES W. CORRELL, Assistant in Pathology.
CHARLES E. DOUGHERTY, Assistant in Pathology.
ELMER E. KRAMER, Assistant in Pathology.
ANTHONY T. LADD, Assistant in Pathology.
EBEN D. TISDALE, Assistant in Pathology.
GERALD F. WHALEN, Assistant in Pathology.
HELENE M. TOOLAN, Research Assistant in Pathology.
PAUL F. deGARA, Lecturer in Pathology.
JULES FREUND, Lecturer in Pathology.
MILTON HELPERN, Lecturer in Pathology.
MAX AUFDERMAUR, Visiting Fellow in Pathology.

GENERAL PATHOLOGY

FACILITIES....The department of pathology occupies three floors of the central part of the college building, conveniently located above the library and in immediate contact with the hospital, the autopsy room being in the connecting wing between college and hospital. The teaching is largely concentrated on the third floor, where the autopsy room, demonstration room for pathological anatomy, anatomical museum, and class rooms are found. The fourth and fifth floors are chiefly unit laboratories for staff members and graduate students and for technical preparation. In addition, animal quarters and facilities for experimental work are on the fifth, sixth, and seventh floors.

The museum contains a carefully selected collection of specimens, representing most of the common and many of the more unusual pathological lesions. It is especially rich in lesions of bones and in tumors. In addition to this mounted collection, there is available a very considerable amount of constantly changing gross material for student study.

The pathological service of the New York Hospital affords abundant opportunity for study of pathological anatomy and its relation to clinical medicine. The systematic records of autopsies performed at the New York Hospital have been preserved since 1851 and in recent years protocols and microscopic slides have been carefully indexed and filed.

Instruction. The course of instruction is given in the second and third terms of the second year. Gross and histological lesions are studied and their pathogenesis and correlation with disturbed function is considered. Lectures and class room demonstrations are supplemented by studies at the autopsy table. The course begins with the degenerations, inflammation, and repair, and proceeds with the various specific infections and tumors. The latter part of the course is devoted to special systematic pathology including an introduction to neuropathology.

COURSE I. GENERAL AND SPECIAL PATHOLOGY. . . . Required in the second and third terms of the second year.

Professors KIDD, OLCOTT, FLORY, and STAFF.

COURSE II. NEUROPATHOLOGY. . . . The pathology of the nervous system is studied and altered structure and function correlated. Professor STEVENSON. 33 hours.

COURSE III. CLINICAL PATHOLOGICAL CONFERENCES. . . .

These conferences are held in cooperation with the staffs of the clinical departments of the Hospital and Medical College each week throughout the year. Observations concerning the clinical course and diagnosis of diseases are correlated with changes found at autopsy.

ELECTIVE COURSES

A student may undertake the investigation of some problem in Pathology or may pursue advanced courses in any of several fields, to be determined by consultation with the head of the department. Research or elective courses will ordinarily require the entire time of the student for a period of one to three months, and may be continued into the summer.

NEOPLASTIC DISEASE. . . . The Memorial Hospital offers to members of the fourth year class an elective course for one month, six mornings a week, 9-1 o'clock. This course consists of approximately 96 hours devoted to a study of the new cases, their diagnosis and treatment. About 40 hours are spent in the pathological laboratory, studying the gross and microscopic pathology of tumors, particularly as related to tumor groups. The student also has an excellent opportunity to observe the effects of treatment by surgery, x-rays, and radium. The work is closely integrated, so that the student may study many processes of tumor growth and behavior. A considerable amount of time in the course is devoted to clinical instruction under the supervision of members of the hospital staff.

PEDIATRICS

SAMUEL Z. LEVINE, Professor of Pediatrics.
OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.
MILTON J. E. SENN, Associate Professor of Pediatrics in Psychiatry.
CARL H. SMITH, Associate Professor of Clinical Pediatrics.
PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.
MAY G. WILSON, Associate Professor of Clinical Pediatrics.
HAROLD B. ADAMS, Assistant Professor of Clinical Pediatrics.
ARTHUR F. ANDERSON, Assistant Professor of Clinical Pediatrics.
HENRY L. BARNETT, Assistant Professor of Pediatrics.
LEONA BAUMGARTNER, Assistant Professor of Clinical Pediatrics.
CLEMENT B. P. COBB, Assistant Professor of Clinical Pediatrics.
MARGARET DANN, Assistant Professor of Pediatrics.*
HAROLD W. K. DARGEON, Assistant Professor of Clinical Pediatrics.
SAMUEL W. DOOLEY, Assistant Professor of Pediatrics in Pathology.
ROBERT O. Du BOIS, Assistant Professor of Clinical Pediatrics.
MARTIN J. GLYNN, JR., Assistant Professor of Clinical Pediatrics.
HENRY HARRINGTON, Assistant Professor of Clinical Pediatrics.
FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.
HEDWIG KOENIG, Assistant Professor of Clinical Pediatrics.
MILTON I. LEVINE, Assistant Professor of Clinical Pediatrics.
CHARLES H. O'REGAN, Assistant Professor of Clinical Pediatrics.
JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.
MARJORIE A. WHEATLEY, Assistant Professor of Clinical Pediatrics.
KENDRICK HARE, Research Associate in Pediatrics.
EVELYN J. BASILE, Instructor in Pediatrics.
WALTER T. CARPENTER, JR., Instructor in Pediatrics.
JOHN H. DALE, JR., Instructor in Pediatrics.
PAUL F. deGARA, Instructor in Pediatrics.
HELENE ELIASBERG, Instructor in Pediatrics.
LEWIS M. FRAAD, Instructor in Pediatrics.
JOHN E. FRANKLIN, Instructor in Pediatrics.
JAMES Q. HARALAMBIE, Instructor in Pediatrics.
EDMUND N. JOYNER, III, Instructor in Pediatrics.
PHYLLIS H. KOTEEN, Instructor in Pediatrics.
MARTHA F. LEONARD, Instructor in Pediatrics.
LUIGI LUZZATTI, Instructor in Pediatrics.
MARION McILVEEN, Instructor in Pediatrics.
SHIRLEY A. MAYER, Instructor in Pediatrics.
THOMAS E. MOSHER, Instructor in Pediatrics.
LOIS M. SMEDLEY, Instructor in Pediatrics.
ALFRED J. VIGNEC, Instructor in Pediatrics.
LOUIS E. WEYMULLER, Instructor in Pediatrics.
GEORGE M. WHEATLEY, Instructor in Pediatrics.
NATHAN EPSTEIN, Research Fellow in Pediatrics.
ALAN W. FRASER, Fellow in Pediatrics.
HENRY P. GOLDBERG, Research Fellow in Pediatrics.
WILLIAM V. LULOW, Fellow in Pediatrics.
MARY E. MERCER, Fellow in Pediatrics.

*On leave of absence.

RICHARD E. WOLF, Fellow in Pediatrics.
ELAINE ALLEN, Assistant in Pediatrics.
WILLIAM D. ALSEVER, Assistant in Pediatrics.
W. RANDAL BELL, Assistant in Pediatrics.
MARGARET E. GEIB, Assistant in Pediatrics.
BARBARA M. KORSCH, Assistant in Pediatrics.
ROWLAND L. MINDLIN, Assistant in Pediatrics.
THOMAS L. RIDER, Assistant in Pediatrics.
FREDERICK K. SARGENT, Assistant in Pediatrics.
DANIEL M. TOLMACH, Assistant in Pediatrics.
WILLIAM E. WILLIAMS, Assistant in Pediatrics.
I. ROBERT WOOD, Assistant in Pediatrics.
STANLEY S. ZIPSER, Assistant in Pediatrics.

SECOND YEAR. . . . During the third term a series of lectures and clinics is given on growth and development and on the principles of nutrition and their application to infant feeding. Total hours, 11.

THIRD YEAR. . . . A clinical lecture once a week throughout the entire school year presents patients illustrating the peculiarities of disease in early life. Students are assigned to the pavilions where they are given bedside and seminar instruction in diagnosis. An opportunity is given to observe medical and nursing procedures employed in the care of infants. Instruction in contagious diseases is given at the Willard Parker Hospital. Total hours, 99.

FOURTH YEAR. . . . Students are assigned to the out-patient department in the mornings, and on the pavilions as clinical clerks in the afternoons. In the out-patient department they are given, under supervision, responsibility for the management of ambulatory pediatric patients. They gain experience in taking histories, making physical examinations, prescribing treatment, following infants in the well-baby clinic, and giving various prophylactic inoculations. A daily therapeutic conference supplements the clinical work. In both the out-patient and in-patient departments emphasis is placed on the handling of psychosomatic problems and on the measures which can be taken to promote proper emotional growth.

As clinical clerks, they are assigned new cases in rotation and gain experience in the management of sick children requiring hospital residence. They are also on duty in rotation at night and week-ends. total hours, 136.

ELECTIVE COURSES. . . . An elective course is open to fourth year students in the general pediatric clinic. Preference is given to those students who are chosen to serve as substitute interns during their clinical clerkships. This course is given for periods of six mornings a week for one month throughout the year.

PHARMACOLOGY

McKEEN CATTELL, Professor of Pharmacology.
HARRY GOLD, Professor of Clinical Pharmacology.
MAYNARD B. CHENOWETH, Assistant Professor of Pharmacology.
WALTER F. RIKER, JR., Assistant Professor of Pharmacology.
JANET TRAVELL, Assistant Professor of Clinical Pharmacology.
OSCAR BODANSKY, Research Associate in Pharmacology.
WALTER MODELL, Instructor in Pharmacology.
RALPH E. TOMPSETT, Instructor in Pharmacology (Therapeutics).
DONALD A. CLARKE, Research Fellow in Pharmacology.
LAWRENCE W. HANLON, Research Fellow in Pharmacology.
CARLTON C. HUNT, Research Fellow in Pharmacology.
W. CLARKE WESCOE, Research Fellow in Pharmacology.

COURSE I. SYSTEMATIC PHARMACOLOGY. . . . Laboratory work, demonstrations, conferences, and lectures given during the first term of the second year. The experiments are designed to illustrate a wide range of pharmacologic effects, the more important drugs being considered with reference to their action on different structures and their behavior in the organism. In conference, the laboratory data obtained by the class are assembled and discussed in relation to each other and to experiments reported in the literature. This course also includes elementary pharmacy and toxicology, with a consideration of crude drugs, practice in the making of pharmacopeial preparations, toxicological analysis, and prescription writing. 114 hours.

COURSE II. APPLIED PHARMACOLOGY. . . . This course is coordinated with the lectures in medicine and is given during the last term of the second year and throughout the third year. It is intended to fill a gap between experimental pharmacology and the clinical use of drugs, and deals with substances the pharmacological action of which can best be demonstrated on clinical material. Emphasis is placed on evidence bearing directly on the human subject in health and disease. 22 hours.

ELECTIVE COURSES

COURSE III. CONFERENCES ON THERAPY. . . . Weekly informal conferences on treatment arranged by the Departments of Pharmacology and Medicine in collaboration with other departments. These serve as a forum for the exchange of views and evaluation of evidence concerning drugs and other measures used in the treatment of disease, with open discussion by students, members of the College and Hospital staff, and visitors.

COURSE IV. RESEARCH. . . . Arrangements are made for individuals or groups to participate in original investigations with a view to learning the methods of pharmacological research. Special opportunities are afforded for work on enzyme systems, muscle-nerve, autonomic nervous system, and the circulation.

PHYSIOLOGY

EUGENE F. Du BOIS, Professor of Physiology.
DAYTON J. EDWARDS, Associate Professor of Physiology.
JAMES D. HARDY, Associate Professor of Physiology.
HUGH De HAVEN, Research Associate in Physiology.
JOHN DAVID EVANS, Research Associate in Physiology.
ROBERT M. BIRD, Instructor in Physiology.
ROBERT FURCHGOTT, Instructor in Physiology.
DOYLE JOSLIN, Instructor in Physiology.
JOHN MacLEOD, Instructor in Physiology.
CHARLES H. RICHARDS, Instructor in Physiology.
JOHN ALLEN CLEMENTS, Research Assistant in Physiology.
LAWRENCE R. PROUTY, Research Assistant in Physiology.

FIRST YEAR... Lectures, conferences, laboratory experiments and demonstrations. Physiology of muscle and nerve, gland secretion, digestion, the central nervous system, special senses, and endocrine organs. The laboratory work one full day a week includes experiments on these subjects. 121 hours.

SECOND YEAR... Lectures, conferences, laboratory experiments and demonstrations. Physiology of respiration, blood, heart, circulation, kidney, and metabolism. Laboratory exercises one full day a week. 132 hours.

The course of instruction in physiology is directed toward an understanding of the principles involved in the functioning of the human body and the integration of its various systems. The lectures are supplemented by references to the current literature. The department is fortunate in having housed on the fourth floor of its building the Graham Lusk Library of Physiology, a gift to the department from its late Professor Graham Lusk. This includes bound volumes of complete sets of the important physiological and biochemical literature, monographs, hand books, and text books and is being supplemented by some of the current journals and monographs. In addition to the college library, the facilities of this library are at the disposal of the students of medicine.

The laboratory work includes a number of human experiments, emphasizes mammalian physiology, and is directed toward quantitative determinations. The laboratory experiments are chosen to illustrate fundamental principles in the respective fields of physiology and are correlated with the lectures by means of conferences. The demonstrations include instruction in specialized techniques, experimental preparations, and presentation of clinical cases. These are facilitated by the participation and cooperation of staff members of various departments in the Medical College and the New York Hospital.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to physiology.

COURSES OPEN TO SPECIAL STUDENTS

1. *PHYSIOLOGY*. Fee \$100 for each term.
2. *PHYSIOLOGICAL RESEARCH*. Subject to special arrangement with the head of the department.

PSYCHIATRY

OSKAR DIETHELM, Professor of Psychiatry.
CLARENCE O. CHENEY, Professor of Clinical Psychiatry.
PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
EDWIN J. DOTY, Associate Professor of Clinical Psychiatry.
WILLIAM H. DUNN, Associate Professor of Clinical Psychiatry.
GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
ADE T. MILHORAT, Associate Professor of Medicine in Psychiatry.
THOMAS A. C. RENNIE, Associate Professor of Psychiatry.
MILTON J. E. SENN, Associate Professor of Pediatrics in Psychiatry.
JAMES H. WALL, Associate Professor of Clinical Psychiatry.
HAROLD G. WOLFF, Associate Professor of Psychiatry.
CARL A. BINGER, Assistant Professor of Clinical Psychiatry.
J. LOUISE DESPERT, Assistant Professor of Clinical Psychiatry.
GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.
NORVELLE C. LaMAR, Assistant Professor of Clinical Psychiatry.
ALEXANDER HAMILTON LEIGHTON, Assistant Professor of Clinical Psychiatry.
HERBERT S. RIPLEY, Assistant Professor of Psychiatry.
FRED V. ROCKWELL, Assistant Professor of Psychiatry.
JOHN H. TRAVIS, Assistant Professor of Clinical Psychiatry.
LIVINGSTON WELCH, Assistant Professor of Psychology.
BELA MITTELMANN, Research Associate in Psychiatry.
EMIL OBERHOLZER, Research Associate in Psychiatry.
EDWARD B. ALLEN, Instructor in Psychiatry.
VALER BARBU, Instructor in Psychiatry.
SARA A. BONNETT, Instructor in Psychiatry.
A. LOUISE BRUSH, Instructor in Psychiatry.
JOHN M. COTTON, Instructor in Psychiatry.
HELEN E. DANIELLS, Instructor in Psychiatry.
CHARLES A. KNEHR, Instructor in Psychology.
RICHARD N. KOHL, Instructor in Psychiatry.
WILLIAM T. LHAMON, Instructor in Psychiatry.
HAROLD W. LOVELL, Instructor in Psychiatry.
LILLIAN McGOWAN, Instructor in Psychiatry.
EDA L. PRIEST, Instructor in Psychiatry.
HOWARD C. ROBBINS, Instructor in Psychiatry.
MARY JANE SHERFEY, Instructor in Psychiatry.
DONALD J. SIMONS, Instructor in Psychiatry.
WILLIAM D. STANCIL, Instructor in Psychiatry.
NOBE E. STEIN, Instructor in Psychiatry.
HANS SYZ, Instructor in Psychiatry.
NATHANIEL WARNER, Instructor in Psychiatry.
KATHERINE F. WOODWARD, Instructor in Psychiatry.
ELEANOR CRISSEY, Assistant in Psychiatry.
WILLIAM T. DIXON, Assistant in Psychiatry.
ALAN T. FRASER, Assistant in Psychiatry.
NICHOLAS FISH, Assistant in Psychiatry.
EDWARD L. HAMMOND, Assistant in Psychiatry.
RALPH R. HARLOW, Assistant in Psychiatry.
WILLIAM V. LULOW, Assistant in Psychiatry.
MARY E. MERCER, Assistant in Psychiatry.
ELIZABETH V. NEW, Assistant in Psychology.

WILLIAM L. STARNES, Assistant in Psychiatry.
JOSEPH D. SULLIVAN, Assistant in Psychiatry.
MOTTRAM P. TORRE, Assistant in Psychiatry.
RICHARD P. WANG, Assistant in Psychiatry.
RICHARD E. WOLF, Assistant in Psychiatry.
WALTER D. WOODWARD, Assistant in Psychiatry.
HAROLD S. WRIGHT, Assistant in Psychiatry.

The Department of Psychiatry offers instruction during each of the four years of the medical course. Psychobiology, the science of the functions of the personality, is considered of fundamental importance as the groundwork for future clinical training. A course in psychopathology in the second year orients the student in personality disorders and in the methods of their examination and study. In the third year, this preliminary training is utilized in the study of patients at the Payne Whitney Psychiatric Clinic and on the pavilions of the New York Hospital. In the Out-Patient Department, during the fourth year, he participates in the study and treatment of the diverse problems presenting themselves in general psychiatric consultation practice. The importance of personality problems in general medicine is taught in the medical pavilions of the New York Hospital and in the out-patient service of the Payne Whitney Psychiatric Clinic. Clinics are planned to unify these many activities and to offer in addition a broad understanding of treatment and investigation.

FIRST YEAR. PSYCHOBIOLOGY. . . This course acquaints the student with the functions of the personality. Through participation in discussions and various tests he learns the basic principles and methods of psychobiology. A study of his own personality gives him an opportunity for methodical investigation and for the constructive utilization of personality functions. A series of lectures are offered as a basis in mental hygiene. Total hours, 22.

SECOND YEAR. INTRODUCTORY PSYCHIATRY. . . In this course the various psychopathological phenomena are demonstrated and the student has an opportunity to study them in selected patients at the Manhattan State Hospital. This permits practical experience in the methods of examination. Total hours, 33.

THIRD YEAR. COURSES IN PSYCHIATRY. . . In the In-Patient Department of the Payne Whitney Psychiatric Clinic various reaction-types are presented and studied; in the medical pavilions of the New York Hospital cases in which psychiatric conditions have developed are discussed.

Case presentations are given throughout the year in clinics on Saturdays from 11 to 12 o'clock. The clinical, investigative, and therapeutic aspects, as well as legal and social problems, are discussed. A series of

lectures with case discussions deals with the psychopathology of childhood and the management of related difficulties. Total hours, 66.

FOURTH YEAR. COURSES IN PSYCHIATRY. . . . In the course in the Out-Patient Department of the Payne Whitney Psychiatric Clinic, each student is assigned to an instructor and takes part in the study and treatment of individual patients. In the In- and Out-Patient Departments of the general hospital, selected patients are studied and discussed in weekly seminars.

Opportunities for elective work are provided in the laboratories of the Payne Whitney Psychiatric Clinic and at the Westchester Division of the New York Hospital, White Plains, New York. Total hours, 60.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

- WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.
MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.
MICHAEL ANTELL, Assistant Professor of Public Health and Preventive Medicine.
LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine.
EMERSON DAY, Assistant Professor of Public Health and Preventive Medicine.
HERBERT R. EDWARDS, Assistant Professor of Public Health and Preventive Medicine.
FRANKLIN M. FOOTE, Assistant Professor of Public Health and Preventive Medicine.
ELISE S. L'ESPERANCE, Assistant Professor of Public Health and Preventive Medicine.
SAMUEL R. BERENBERG, Instructor in Public Health and Preventive Medicine.
AARON D. CHAVES, Instructor in Public Health and Preventive Medicine.
PHILIP OLLSTEIN, Instructor in Public Health and Preventive Medicine.
IRVING RAPPAPORT, Instructor in Public Health and Preventive Medicine.
RALPH R. TOMPSETT, Instructor in Public Health and Preventive Medicine.
STERLING B. BRINKLEY, Assistant in Public Health and Preventive Medicine.
ARNOLD W. PRATT, Research Assistant in Public Health and Preventive Medicine.
WALTER WOODWARD, Research Assistant in Public Health and Preventive Medicine.
JOHN O. McCALL, Lecturer in Public Health and Preventive Medicine.

SECOND YEAR

PARASITOLOGY... This course is presented during the first term from 2-5 every Thursday afternoon.

The important parasites of man are considered: the mode of transmission of each parasite is studied, as well as the life cycle and intermediate hosts. Particular emphasis is placed on the clinical aspects of the various diseases that may be produced by the parasites. Prevention and control of human parasitic diseases are given proper consideration, and the therapy of these conditions is discussed carefully.

An abundance of material is used for demonstration purposes. Many of the parasites are studied in living stages. Clinical cases of the various diseases under study are presented from the hospital wards, out-patient clinics, and elsewhere, whenever suitable material is available. Total hours, 33.

PUBLIC HEALTH... The course in Public Health begins in the third term of the second year. Lectures are given every Saturday from 12 to 1. Each Wednesday afternoon from 2 to 5 is devoted to laboratory or field exercises, planned to illustrate the lectures. The essential material covered in this term relates to community health protection, including the control of water supplies, sewage disposal, and the sanitation of food. Housing is studied in relation to its various social and hygienic aspects, as well as air-borne infection and the problems

of industrial hygiene. Four afternoons are devoted to vital statistics, including a consideration of the methods of statistical analysis and interpretation; three afternoons are devoted to health promotion of the industrial worker. Field visits are made, usually in small groups, to demonstrate industrial sanitation, housing, the New York City Health Department's diagnostic laboratory service, and other pertinent matters. Total hours, 44.

THIRD YEAR

PREVENTIVE MEDICINE...The exercises are divided into four parts:

A. *Lectures and Discussions*. These exercises are conducted every Monday throughout the year from 12 to 1. They include a comprehensive discussion of the field of epidemiology and communicable disease control. The students present reports of various epidemics, and these are discussed in detail by the whole class. The various divisions of preventive medicine, such as child health promotion, adult hygiene in all its different aspects, nutrition, geriatrics, and other pertinent matters are discussed, giving special consideration to the part played by the practicing physician in promotion of health and prevention of disease. Total hours, 33.

B. *Clinical Exercises in Preventive Medicine*. Every Saturday morning from 9 to 10. The clinical conferences are joint presentations of the Department of Public Health and Preventive Medicine and various members of the clinical faculty. The students obtain clinical material from the leader of the discussion and present it to their fellow students. The conferences illustrate methods whereby the principles of preventive medicine may be incorporated by each physician in his daily practice of curative medicine. Practically every department of the Medical College participates in these exercises. At least four exercises are devoted to a discussion of the adequacy of medical care, with presentation of various plans that have been proposed for the provision of this type of community service. Total hours, 33.

C. *Section Work*. Every Thursday afternoon from 2 to 5. The class is divided into three sections. Each section spends one afternoon each week (Thursday) during one trimester at the Kips Bay-Yorkville District Health Center. The section is subdivided into small groups, and each student is assigned to one of the various activities of the Health Center, or the allied services in the Health District. The exercises are so planned that each student may have an opportunity to participate in each of the complex activities of a busy Health District service. Each student also spends one afternoon in the Strang Cancer Prevention Clinic at Memorial Hospital. Total hours, 33.

D. *Community Study*. Each student is requested to prepare a report of a community of his own choice, giving in detail the facilities provided by the community for care of illness and protection of community health. This report includes not only the activities of the community health and welfare departments, but also the hospital facilities, medical, nursing and dental personnel, and all other phases of community activities that aid in providing a comprehensive system of adequate medical care.

ELECTIVE COURSES

PREVENTIVE MEDICINE. . . An elective course of one month is offered to students in the fourth year. Not more than four students will be accepted for any one month. Students will be assigned to the Kips Bay-Yorkville District Health Center and will participate in the various clinical and research activities of the Center.

MEDICAL PARASITOLOGY. . . This course is intended to supplement and extend the required work in this field. Diagnosis, life histories of parasites and their vectors, and control measures are considered with special reference to tropical medicine.

The Department has been the recipient of the Marcelle Fleischmann Memorial Fund for the study of immunologic and allergic phenomena in tropical diseases. Third or fourth year students may associate themselves with one of the several research projects being carried out under this grant.

Third year students may spend their elective time either in the Kips Bay-Yorkville Health Center or in a study of Parasitology. The work is arranged to suit the student's time and his special interests.

RADIOLOGY

- HAROLD L. TEMPLE, Professor of Radiology.
SYDNEY WEINTRAUB, Associate Professor of Clinical Radiology.
ALFRED F. HOCKER, Assistant Professor of Radiology (X-ray Therapy).
LEONIDAS D. MARINELLI, Assistant Professor of Radiology (Radiological Physics).
ROBERT S. SHERMAN, Assistant Professor of Radiology.
JOSEPH V. SULLIVAN, Assistant Professor of Radiology.
STEPHEN WHITE, Assistant Professor of Radiology.
JOHN H. DALE, JR., Instructor in Radiology (Pediatrics).
ELIZABETH F. FOCHT, Instructor in Radiology (Radiological Physics).
GEORGE JASPIN, Instructor in Radiology.
ALFRED W. KANY, Instructor in Radiology (Dental).
IRVING SCHWARTZ, Instructor in Radiology.
ARTHUR J. TILLINGHAST, Instructor in Radiology.
- LUCILLE M. BOND, Lecturer in Radiology.
E. FORREST MERRILL, Lecturer in Radiology.

The teaching of Radiology consists of didactic lectures and section work in connection with clinical clerkships.

The didactic work consists of a series of eleven lectures given to the entire Second Year Class. These include the fundamental principles of Radiation Physics, X-ray Diagnosis, X-ray and Radium Therapy. Emphasis is placed on the practical aspects of Radiation Physics. In the lectures devoted to radiographic diagnosis, particular attention is given to the indications and limitations of the various radiographic methods and how they can best be applied to the advantage of both the physician and patient. The relationship of Radiology to other medical specialties is outlined. Emphasis is placed on conditions met most commonly in both hospital and clinic practice.

In the lecture devoted to Radiation Therapy, particular stress is given to the indications and contraindications for therapy in neoplastic, inflammatory, and other miscellaneous pathological processes, so that the student acquires a knowledge of which cases should be referred for Radiation Therapy.

The section teaching is conducted in the fourth year, and emphasis is placed on individual instruction and free discussion. This is possible as the teaching is given to small groups. The series is repeated each quarter. Patients under treatment in the Radiation Therapy Department are presented to emphasize what can be accomplished by this method of treatment. Attention is paid to the clinical course of the various neoplastic and inflammatory conditions amenable to therapy, with emphasis on the laws of radiosensitivity and radioresistance. In addition, it is explained how a combination of surgery and radiation therapy is essential in certain cancers. A complete Radiographic Museum has been organized specifically for teaching purposes, and it consists of a wide assortment of both normal and pathological material.

Additional radiographic clinics are given to Third Year Students in Pediatrics.

An elective course in X-ray diagnosis is given to the third year class. It consists of a series of twenty sessions of ninety minutes each, and covers as nearly as possible the basic principles of radiographic interpretation by giving the student an opportunity to see a large number of films from the teaching files.

Summary of Hours

Didactic Lectures, Second Year	11 hours
Section Work:	
Third Year	6 hours
Fourth Year	9 hours

SURGERY

- FRANK GLENN, Professor of Surgery.
WILLIAM DeW. ANDRUS, Professor of Clinical Surgery.
ALEXANDER BRUNSCHWIG, Professor of Clinical Surgery.
CHARLES E. FARR, Professor of Clinical Surgery.
N. CHANDLER FOOT, Professor of Surgical Pathology.
JOHN M. McLEAN, Professor of Clinical Surgery (Ophthalmology).
FRANK E. ADAIR, Associate Professor of Clinical Surgery.
WILLIAM A. BARNES, Associate Professor of Clinical Surgery.
C. GARDNER CHILD, III, Associate Professor of Clinical Surgery.
HERBERT CONWAY, Associate Professor of Clinical Surgery.
WILLIAM A. COOPER, Associate Professor of Clinical Surgery.
NELSON W. CORNELL, Associate Professor of Clinical Surgery.
PAUL A. DINEEN, Associate Professor of Clinical Surgery.
GUILFORD S. DUDLEY, Associate Professor of Clinical Surgery.
JOHN H. ECKEL, Associate Professor of Clinical Surgery.
CRANSTON W. HOLMAN, Associate Professor of Clinical Surgery.
ROBERT S. HOTCHKISS, Associate Professor of Clinical Surgery (Urology).
HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).
FREDERICK L. LIEBOLT, Associate Professor of Clinical Surgery (Orthopedics).
GERVAIS W. McAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).
WILLIAM F. MacFEE, Associate Professor of Clinical Surgery.
VICTOR F. MARSHALL, Associate Professor of Clinical Surgery (Urology).
SAMUEL W. MOORE, Associate Professor of Clinical Surgery.
ARTHUR PALMER, Associate Professor of Clinical Surgery (Otolaryngology).
RUSSEL H. PATTERSON, Associate Professor of Clinical Surgery.
E. COOPER PERSON, JR., Associate Professor of Clinical Surgery.
BRONSON S. RAY, Associate Professor of Clinical Surgery.
MORRIS K. SMITH, Associate Professor of Clinical Surgery.
FRED W. STEWART, Associate Professor of Surgical Pathology.
PRESTON A. WADE, Associate Professor of Clinical Surgery (Orthopedics).
IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).
BENJAMIN S. BARRINGER, Assistant Professor of Clinical Surgery (Urology).
MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).
BRADLEY L. COLEY, Assistant Professor of Clinical Surgery.
ARCHIE L. DEAN, Assistant Professor of Clinical Surgery (Urology).
JAMES A. DINGWALL, Assistant Professor of Clinical Surgery.
JOHN W. DRAPER, JR., Assistant Professor of Clinical Surgery (Urology).
SEWARD ERDMAN, Assistant Professor of Clinical Surgery.
JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.
KRISTIAN G. HANSSON, Assistant Professor of Clinical Surgery (Orthopedics).
GUSTAVUS A. HUMPHREYS, Assistant Professor of Clinical Surgery (Urology).
SAMUEL F. KELLEY, Assistant Professor of Clinical Surgery (Otolaryngology).
ERNEST W. LAMPE, Assistant Professor of Clinical Surgery.
ALLISTER M. McLELLAN, Assistant Professor of Clinical Surgery (Urology).
HAYES MARTIN, Assistant Professor of Clinical Surgery.
LAURENCE MISCALL, Assistant Professor of Clinical Surgery.
JAMES A. MOORE, Assistant Professor of Clinical Surgery (Otolaryngology).
WILLIAM F. NICKEL, JR., Assistant Professor of Clinical Surgery.
GEORGE T. PACK, Assistant Professor of Clinical Surgery.
HERBERT J. RIEKERT, Assistant Professor of Clinical Surgery (Orthopedics).
JOHN G. SCHMIDT, Assistant Professor of Clinical Surgery (Orthopedics).

MARY WARD, Assistant Professor of Clinical Surgery (Anesthesia).
JACOB APPLEBAUM, Instructor in Surgery.
JOSEPH F. ARTUSIO, JR., Instructor in Surgery.
WILLIAM H. AYRES, Instructor in Surgery.
ANNE M. BELCHER, Instructor in Surgery.
EDWARD C. COATS, Instructor in Surgery.
ARTHUR D. CONSOLE, Instructor in Surgery.
CARLETON M. CORNELL, Instructor in Surgery.
MICHAEL R. DEDDISH, Instructor in Surgery.
J. EDWIN DREW, Instructor in Surgery.
WADE DULEY, Instructor in Surgery.
EDWARD A. DUNLAP, Instructor in Surgery.
FRANK W. FARRELL, Instructor in Surgery.
THOMAS J. GARRICK, Instructor in Surgery.
HAROLD GENVERT, Instructor in Surgery.
DAN C. GILL, Instructor in Surgery.
DAN M. GORDON, Instructor in Surgery.
ROBERT T. HENDRICKS, Instructor in Surgery.
NORMAN L. HIGINBOTHAM, Instructor in Surgery.
JAMES M. HOLMAN, Instructor in Surgery.
RUSSELL H. HOOKER, Instructor in Surgery.
SUZANNE A. L. HOWE, Instructor in Surgery.
FRANK J. HYNES, Instructor in Surgery.
D. REES JENSEN, Instructor in Surgery.
JOSEPH T. KAUER, Instructor in Surgery.
JOSEPH E. J. KING, Instructor in Surgery.
ANNE E. KUHNER, Instructor in Surgery.
RAYMOND K. J. LUOMANEN, Instructor in Surgery.
DAVID LYALL, Instructor in Surgery.
FRANK J. McGOWAN, Instructor in Surgery.
FREDERICK C. McLELLAN, Instructor in Surgery.
DAVID H. MacFARLAND, Instructor in Surgery.
HERBERT C. MAIER, Instructor in Surgery.
BERNARD MAISEL, Instructor in Surgery.
LEOPOLD MEHLER, Instructor in Surgery.
EDMONDE D. NEER, Instructor in Surgery.
JOHN B. OGILVIE, Instructor in Surgery.
WILLIAM C. QUINN, Instructor in Surgery.
ERIC C. RICHARDSON, Instructor in Surgery.
GEORGE W. SLAUGHTER, Instructor in Surgery.
STUART S. SNYDER, Instructor in Surgery.
NORMAN TREVES, Instructor in Surgery.
WILLIAM L. WATSON, Instructor in Surgery.
WILLIS M. WEEDEN, Instructor in Surgery.
WILLET F. WHITMORE, JR., Instructor in Surgery.
RUTH S. HOFFMAN, Research Fellow in Surgery.
EDWARD B. C. KEEFER, Research Fellow in Surgery.
PAUL E. MESSIER, Research Fellow in Surgery.
CHARLES L. NEILL, JR., Research Fellow in Surgery.
CHARLES NEUMANN, Fellow in Plastic Surgery.
ROSE ANDRE, Assistant in Surgery.
JOHN M. BEAL, JR., Assistant in Surgery.
SAM R. BURNETT, Assistant in Surgery.

CHARLES F. CHANDLER, Assistant in Surgery.
WILLIAM W. DANIEL, Assistant in Surgery.
JAMES E. DAVIS, Assistant in Surgery.
ROBERT D. DEANS, Assistant in Surgery.
HOWARD S. DUNBAR, Assistant in Surgery.
RICHARD A. GAILLARD, Assistant in Surgery.
JOHN GLASSON, Assistant in Surgery.
ARTHUR L. GORE, Assistant in Surgery.
VINCENT A. GORMAN, Assistant in Surgery.
LOUIS HAMMAN, JR., Assistant in Surgery.
GLEN S. HARMAN, Assistant in Surgery.
BRUCE R. HEINZEN, Assistant in Surgery.
GEORGE R. HOLSWADE, Assistant in Surgery.
FRANCIS C. JACKSON, Assistant in Surgery.
GERALD I. KURTZ, Assistant in Surgery.
JIM F. LINCOLN, Assistant in Surgery.
THOMAS M. NORTON, Assistant in Surgery.
EARL A. O'NEILL, Assistant in Surgery.
WARD D. O'SULLIVAN, Assistant in Surgery.
CARL J. SCHMIDLAPP, III, Assistant in Surgery.
DAVID S. SPEER, Assistant in Surgery.
ROSCOE S. WILCOX, Assistant in Surgery.

GENERAL SURGERY

I. SECOND YEAR. . . . During the third term of the second year one afternoon a week will be devoted to surgical diagnosis and the fundamental principles of surgical technic. Total hours, 22.

II. THIRD YEAR. . . . In the third year students will spend five mornings a week for one term as clinical clerks on the surgical wards. During this period the student gains experience in history taking, physical examination, and routine laboratory work, and comes into contact with patients exhibiting a wide variety of surgical, urological, orthopedic, ophthalmological, and otolaryngological conditions. The routine teaching consists of ward visits in general surgery and in the surgical specialties, together with assigned reading and conferences.

The teaching facilities of the Second Surgical Division of Bellevue Hospital, Memorial, and other special Hospitals are available in addition to those of the New York Hospital.

Four afternoons a week during the term will be spent in the Out-Patient Departments and wards of the surgical specialties, including Urology, Otolaryngology, and Ophthalmology. This work includes clinical demonstrations of cases illustrating various types of pathological conditions as well as experience in diagnosis and treatment in the Out-Patient Clinic. The fifth afternoon is given over to a course in Surgical Pathology. The teaching in this subject consists of a series of demonstrations of gross and microscopic preparations and of conferences in which the current material from surgical cases is made the

basis for the discussion of various lesions and their pathological and surgical significance.

A surgical clinic is held one day a week at the noon hour for the students of the third year. A course in operative surgery on animals, designed to emphasize the fundamental principles of surgery, is given as an elective course each one-third of the year for students desiring this additional work.

III. FOURTH YEAR....During the term assigned to surgery in the fourth year the group is divided into two sections for their activities. These rotate through the surgical diagnostic clinic, minor surgery, the orthopedic and fracture clinic, assignment to the operating rooms for instruction in anesthesia and surgical technic, and the surgical wards where they will take part in the care of patients and gain further experience with certain types of cases. Formal instruction will consist of conferences and ward rounds, with emphasis placed on traumatic surgery, including injuries of special regions such as the chest, abdomen and skull, shock, the treatment of burns, and the emergency treatment of compound fractures. In addition a seminar is held each week where recent advances in surgery, as they deal with fundamental surgical problems, are discussed. Total hours, 272.

OPHTHALMOLOGY

During the third term of the second year, the entire class receives instruction in the microscopy of the eye including the pathology of such important diseases as uveitis, glaucoma, intraocular tumors, tuberculosis, injuries, and sympathetic ophthalmia. Introduction to special diagnosis techniques, particularly use of the ophthalmoscope, is given at this time.

In the term of the third year assigned to survey a series of lectures and clinical demonstrations is held one afternoon a week in which the commoner eye conditions encountered in the Out-Patient Department and on the wards are covered. At the same time each student spends a limited period of time in the Ophthalmological Clinic.

In the term of the fourth year assigned to Surgery, the students are rotated in small groups through the Out-Patient Department for examination, diagnosis, and treatment of patients under supervision. This is supplemented by conferences and ward rounds.

ORTHOPEDIC SURGERY

During each trimester in surgery of the third year there are two one-hour lectures a week in orthopedic surgery including fractures which serve as an introduction to the clinical work in the surgical

wards. In the fourth year students spend two weeks in the orthopedic and fracture out-patient clinics and are given two one-hour lectures a week on orthopedic subjects by various members of the Orthopedic Staff.

OTOLARYNGOLOGY

In the third year, clinical lectures, illustrated by the presentation of cases, are given to the entire class. The anatomy of the head is reviewed and instruction in the examination of the ear, nose, and throat is given. The subjects of bronchoscopy and rhinoplasty are discussed.

Third and fourth year students are also assigned in sections for a period to the Otolaryngological Out-Patient Department and have the opportunity to study cases on the ward as well. During this period, special topics are presented to the section by various members of the teaching staff.

Opportunity is offered also during the elective term of the fourth year to spend additional time on this subject.

UROLOGY

The teaching of Urology is carried out by means of lectures and clinics held twice weekly during the surgical term of the third year, in which patients suffering from a wide variety of urological conditions are presented. This is supplemented by weekly urological conferences and by experience in the urological wards and Out-Patient Department.

ELECTIVE COURSES

Courses are offered in advanced general surgery, surgical pathology, experimental surgery, neuro-surgery, thoracic surgery, and in the specialties of surgery: urology, orthopedics, ophthalmology, and otolaryngology. Elective work combined with medicine is also offered in special clinics in the out-patient department. More detailed information regarding these electives may be had by consulting the head of the surgical department.

COURSE OFFERED TO GRADUATE STUDENTS

A graduate course in surgery based upon the resident system is offered to a limited number of physicians who are graduates of approval medical schools and who have completed one year's internship in an approved hospital. Detailed information regarding this course will be furnished on request by the head of the surgical department.

MILITARY MEDICINE

This elective course in Military Medicine is given by an officer of the Medical Corps, detailed by the Surgeon General. It is a progressive course of four years, of 32 hours' instruction a year, consisting of a one hour lecture or conference period each week.

Any male citizen who meets the physical requirements for admission to the Army is eligible to take the course. Students who have commissions in Army Reserve Units may take the course, but those with Navy or Coast Guard Reserve Commissions may not take the course until they resign such reserve commissions. Such eligible students who have been honorably discharged from any of the components of the Armed Forces, including the A.S.T.P., if they have completed one year of service may omit the first two years of the Medical R.O.T.C. course if they wish.

No uniform is worn by Medical R.O.T.C. students and there are no drill periods. The only obligation incurred is to complete the course if started. There is an eight weeks' camp period at Fort Sam Houston, Texas during the summer at the end of the second or third year of medical course. During the last two years of the course the student is paid by the government at the rate of approximately \$425 a year. He is also paid for camp attendance and is provided transportation from the medical college to camp and return.

Upon receiving his medical degree, each student who has satisfactorily completed the course in Military Medicine will be offered a commission in the Medical Reserve Officers' Corps. Reserve Officers are called to active duty only with their own consent.

The course is designed to supplement the regular medical curriculum and to give the student an elementary knowledge of Military Medicine. The first year is devoted to the organization of the Army and the medical department, map reading, military law, and medical administration; the second year to tactics, medical service of military units, and the evacuation of the wounded; the third year to the principles of military hygiene and sanitation, the principles of first aid, and chemical warfare; the fourth year to aviation medicine, medical planning for large military operations, and the medical and surgical diseases peculiar to combat.

The Graduate School

The Graduate School has exclusive control of all graduate work carried on in the University. Certain professors in the pre-clinical departments of the Cornell University Medical College offer graduate instruction as an integral part (Group F) of the Graduate School of Cornell University. Properly qualified students may accordingly enter upon graduate work in New York City under the jurisdiction of professors in these departments and may become candidates for advanced degrees under the same conditions as apply to students in other divisions of the Graduate School. Although Cornell University Medical College intends to develop special opportunities for advanced work of high quality in the medical sciences and in the clinical fields, it does not at present offer work corresponding to that usually described as *clinical post-graduate work*.

To be admitted to the Graduate School, an applicant (1) must have received his baccalaureate degree from a college or university of recognized standing, or have done work equivalent to that required for such degree; (2) as judged by his previous scholastic record, or otherwise, must show promise of ability satisfactorily to pursue advanced study and research; and (3) must have had adequate previous preparation in his chosen field of study to enter at once upon graduate study in that field. An applicant who is not a graduate of Cornell University must submit complete official transcripts of all previous college studies.

Students may be admitted to the Graduate School at the medical college in one of the following two classes:

- (1) Candidates for degrees;
- (2) Graduate students not candidates for degrees; "non-candidates."

For more detailed information concerning the rules and regulations covering graduate work in the Graduate School, the pamphlet entitled *The Announcement of the Graduate School* should be consulted by the candidate before application for admission. A copy of this announcement may be obtained at the Administrative Offices of the Medical College or directly from the Graduate School at Ithaca, N. Y.

Application for admission should be made at the Office of the Dean, Cornell University Medical College, New York City, where the necessary forms may be obtained. Dr. C. V. Morrill, Chairman of Group F of the Graduate School may be consulted (at the medical college) for additional information. Since the number of graduate students who can be accommodated is limited, a personal interview is required of all applicants *before the filing of forms*. Applicants who have been accepted should file their forms at the earliest possible date.

TUITION AND OTHER FEES

A TUITION FEE of \$150 each term is to be paid by all students registered in the Graduate School. It is payable at the beginning of each term as indicated on the registration coupon number 5.

A member of the teaching or scientific staff registered in the Graduate School of the Medical College shall pay tuition at the rate of three-quarters of the tuition regularly charged full-time students.

Graduate students holding certain appointments as University Fellows or Graduate Scholars and holders of certain temporary fellowships and scholarships are exempt from the payment of the tuition fee.

AN ADMINISTRATION FEE is to be paid by all students registered in the Graduate School except Honorary Fellows. It is payable in installments of \$12.50 at the beginning of each term.

A MATRICULATION AND EXAMINATION BOOK FEE of \$10 is required of every student upon his first entrance into the University. It must be paid at the time of registration and is not refundable.

A GRADUATION FEE of \$10 is required, at least ten days before the degree is to be conferred, of every candidate for an advanced degree. The fee will be returned if the degree is not conferred.

A THESIS FEE of \$12.50 is required, at least ten days before the degree is to be conferred, of each candidate for the degree, Doctor of Philosophy. This fee is in addition to the \$20 graduation fee.

TUITION SCHOLARSHIPS

For Graduate students, the Board of Trustees has established thirty tuition scholarships. They entitle the holder to exemption from payment of tuition fees, but not other fees, for the duration of the appointment. Applications should be made to the professor, or professors, in whose field the applicant is working, or to the office of the Graduate School by March 1 of the academic year preceding that for which the award is desired. Awards are made in April of each year.

*

Special Students

All students *not registered in Cornell University Graduate School and not registered for the M.D. degree* are SPECIAL STUDENTS. These are SPECIAL STUDENTS in the true sense of the word and must be especially qualified in preparation, ability, and objective in order to receive any consideration. They may or may not be graduate students in the sense of having completed work for a collegiate degree. They are admitted *only by the consent of the head of the department* and must be registered in the Administrative Offices of the medical college and must pay their fees at the business office before being admitted to lectures or laboratory periods. They are required to carry and show on demand of the authorities a permit of attendance.

FEES

Matriculation Fee	\$10
Administration Fee	5

Tuition fees vary depending upon the type of work taken.

A breakage fee may be required.

Table of Required Hours

	<i>First</i> Year	<i>Second</i> Year	<i>Third</i> Year	<i>Fourth</i> Year	<i>Total</i>
ANATOMY	413				
HISTOLOGY AND EMBRYOLOGY..	203				
NEURO-ANATOMY	88				704
BIOCHEMISTRY	242				242
BACTERIOLOGY	55	99			154
PHYSIOLOGY	121	132			253
PATHOLOGY		330			330
PHARMACOLOGY		110	22		132
MEDICINE:					
PHYSICAL DIAGNOSIS		132			
CLINICAL PATHOLOGY		99			
NEUROLOGY		33			
SPECIALTIES, CLERKSHIP & OPD.			330	272	
LECTURES		22	44		932
SURGERY:					
OPHTHALMOLOGY		22			
INTRODUCTORY SURGERY		22			
SPECIALTIES, CLERKSHIP & OPD.			330	272	
LECTURES			33		679
OBSTETRICS AND GYNECOLOGY:					
BACTERIOLOGY AND PATHOLOGY..		33			
PRACTICAL INSTRUCTION			66	365	
LECTURES AND DEMONSTRATIONS			66		530
PEDIATRICS:					
PRINCIPLES OF NUTRITION		11			
PRACTICAL INSTRUCTION			66	136	
LECTURES			33		246
PSYCHIATRY:					
PSYCHOBIOLOGY	22				
PSYCHIATRY		33	33	60	
LECTURES			33		181
PUBLIC HEALTH:					
PARASITOLOGY		33			
FIELD AND SECTION WORK		33	33		
LECTURES		11	66		176
RADIOLOGY		11			11
ELECTIVE HOURS			(66)	(96)	
TOTALS	1144	1166	1155	1105	4570

() Elective time not included in totals.

FIRST YEAR SCHEDULE
1947-1948

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Histology	Anatomy	Anatomy	Anatomy	Histology	Anatomy
10-11						
11-12						
12-1						
1-2	Biochemistry		Biochemistry		Biochemistry	
2-3	Anatomy	Histology	(Spec. Lect.)	Biochemistry	Anatomy	
3-4						
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Histology	Anatomy	Anatomy* Histology	Anatomy	Histology	Anatomy
10-11						
11-12						
12-1						Biochemistry
1-2	Anatomy	Biochemistry	Library Lectures** (Spec. Lect.)	Biochemistry	Anatomy	
2-3						
3-4						
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Biochemistry	Neuro- Anatomy	Biochemistry	Psychobiol.	Physiology	Neuro- Anatomy
10-11						
11-12						
12-1		Biochemistry		Physiology		Physiology
1-2						
2-3	Psychobiol.	Bacteriology	Physiology	Bacteriology	Physiology	
3-4	Bacteriology					
4-5						

*Approximately 7 sessions Anatomy and 4 Histology.

**When Scheduled.

() When Scheduled.

SECOND YEAR SCHEDULE 1947-1948

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Physiology	Physiology	Physiology	Pharmacology	Physiology	Pharmacology
10-11			Pharmacology			
11-12			Bacteriology			
12-1	Bacteriology		Bacteriology		Bacteriology	
1-2						
2-3	Bacteriology	Physiology	Bacteriology	Parasitology	Bacteriology	
3-4			(Spec. Lect.)			
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pathology	Pathology	Pathology	Pathology	Pathology	Pathology
10-11						
11-12						
12-1						
1-2						
2-3	Psychiatry	Physical Diagnosis	Obs. & Gyn.	Physical Diagnosis	Obs. & Gyn.	
3-4			(Spec. Lect.)			
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday				
9-10	Physical Diag. "A"	Neurology	Physical Diag. "B"	Physical Diag. "A"	Physical Diag. "B"	Pathology				
10-11							Neurol. Diag. IV	Neurol. Diag. I	Neurol. Diag. III	Neurol. Diag. II
11-12							Pathology	Clin. Path. "A"	Clin. Path. "B"	
12-1			Introductory Medicine	Pediatrics	Introductory Medicine	Pub. Health				
1-2										
2-3	Clinical Pathology	Clinical Pathology	Public Health	Introductory Surgery	Clinical Pathology					
3-4				Radiology						
4-5	Ophthalmol- ogy				Ophthalmol- ogy					

() When Scheduled.

THIRD YEAR SCHEDULE
1947-1948

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Groul A: Medicine (1); Surgery (2); Obstet., Pediat., Psych., Pb. Hl. (3).					Pub. Health
10-11	Group B: Surgery (1); Obstet., Pediat., Psych., Pb. Hl. (2); Medicine (3).					Appl. Pharm. & Med.*
11-12	Group C: Obstet., Pediat., Psych., Pb. Hl. (1); Med. (2); Surgery (3).					Psychiatry
12-1	Pub. Health	Obs. & Gyn.	Pediatrics	Medicine	Surgery	Obs. & Gyn.
1-2						
2-3						
3-4						
4-5	C. P. C.		Tropical Medicine ¹			

DETAILED SCHEDULE:
OBSTETRICS AND GYNECOLOGY, PEDIATRICS,
PSYCHIATRY, PUBLIC HEALTH

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10						Pub. Health
10-11	Obs. & Gyn.	Electives		Pediatrics	Obs. & Gyn.	Appl. Pharm. & Med.*
11-12						Psychiatry
12-1	Pub. Health	Obs. & Gyn.	Pediatrics	Medicine	Surgery	Obs. & Gyn.
1-2						
2-3		Pediatrics Group I		Pub. Health	Psychiatry Group I	
3-4						
4-5	C. P. C.		Tropical Medicine ¹			

¹Eighteen lectures scheduled during the year.

*Time apportioned two thirds to pharmacology and one third for medicine.

FOURTH YEAR SCHEDULE 1947-1948

Hours	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday</i>
9-10	Group A: Surgery (1); Ped., Psych., Elect. (2); Medicine(3), Obs. & Gyn. (4). Group B: Medicine (1); Obs. & Gyn. (2); Surgery (3); Ped., Psych., Elect. (4). Group C: Ped., Psych., Elect. (1); Medicine (2); Obs. & Gyn. (3); Surgery (4). Group D: Obs. & Gyn. (1); Surgery (2); Ped., Psych., Elect. (3); Medicine (4)					
10-11						
11-12						
12-1						
1-2						
2-3						
3-4						
4-5	C. P. C.*		(Spec. Lect.)			

DETAILED SCHEDULE—PEDIATRICS

Hours	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday</i>
9-10	PEDIATRICS ¹					
10-11						
11-12						
12-1						
1-2						
2-3	PEDIATRICS (Spec. Lect.)					
3-4						
4-5						

DETAILED SCHEDULE—ELECTIVES AND PSYCHIATRY

Hours	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday</i>
9-10	ELECTIVES ²					
10-11						
11-12						
12-1						
1-2						
2-3	PSYCHIATRY ³ (Spec. Lect.)					
3-4						
4-5						

() When Scheduled.

*Regular section work takes precedence over C.P.C.

¹Pediatrics full time for one month.

²Elective courses forenoons for one month.

³Psychiatry afternoons for one month.

Internship Appointments

CLASS OF MARCH 1947

Gerard J. Aitken, Jr.	Brooklyn Hospital, Brooklyn, N. Y.
Richard M. Alexander	Mount Sinai Hospital, New York, N. Y.
Charles A. Ashley	Mary Imogene Bassett Hospital, Cooperstown, N. Y.
Kent F. Balls	Bryn Mawr Hospital, Bryn Mawr, Pa.
William J. Beard	Robert Packer Hospital, Sayre, Pa.
Carol H. Brach	Newark Hospital, Newark, N. J.
Richard B. Brown	Hartford Hospital, Hartford, Conn.
Christopher Bull	Genesee Hospital, Rochester, N. Y.
Thomas W. Caldroncy	Syracuse University Hospital, Syracuse, N. Y.
Thomas W. Carr	Albany Hospital, Albany, N. Y.
Robert A. Clark, Jr.	Bellevue Hospital, New York, N. Y.
John A. Clements	Graduate work in basic sciences
David A. Cofrin	Milwaukee Hospital, Milwaukee, Wis.
Jonathan O. Cole	Peter Bent Brigham Hospital, Boston, Mass.
Harry DePan	Hartford Hospital, Hartford, Conn.
Paul A. P. Dineen	New York Hospital, New York, N. Y.
Rodney H. Dusinberre	Strong Memorial Hospital, Rochester, N. Y.
Charles F. Dyer	New York Hospital, New York, N. Y.
Richard W. Eells	New York Hospital, New York, N. Y.
Aaron H. Esman	Bellevue Hospital, New York, N. Y.
Robert B. Fath	New York Hospital, New York, N. Y.
Robert H. Frankenfeld	Deaconess Hospital, Buffalo, N. Y.
Robert F. Freeman	St. Vincent's Hospital, Indianapolis, Ind.
William J. Gallagher, Jr.	St. Louis City Hospital, St. Louis, Mo.
Thomas J. Gilmour, Jr.	Monmouth Memorial Hospital, Long Branch, N. J.
Joseph L. Gluck	Michael Reese Hospital, Chicago, Ill.
Ernest Gosline	Methodist Hospital, Brooklyn, N. Y.
Robert H. Gosling	Internship in England
William J. Grant	Grasslands Hospital, Valhalla, N. Y.
Samuel H. Hale	Good Samaritan Hospital, Phoenix, Ariz.
Richard B. Hamilton	Roosevelt Hospital, New York, N. Y.
William K. Hare	New York Hospital, New York, N. Y.
Robert D. Harwick	Bellevue Hospital, New York, N. Y.
James D. Hayes	St. Francis Hospital, Pittsburgh, Pa.
Thomas R. Hedges	St. Luke's Hospital, Cleveland, Ohio
Thomas H. Hoover	New York Hospital, New York, N. Y.
Susannah K. Horger	Bellevue Hospital, New York, N. Y.
Hiester R. Hornberger, Jr.	Rhode Island Hospital, Providence, R. I.
Marvin L. Huyck	Rochester General Hospital, Rochester, N. Y.
John A. Jacquez	Graduate work in basic sciences
Robert R. Johnson	Bellevue Hospital, New York, N. Y.
Frederic T. Kirkham, Jr.	New York Hospital, New York, N. Y.

Mary M. Knight	Grasslands Hospital, Valhalla, N. Y.
Robert G. Knight	Grasslands Hospital, Valhalla, N. Y.
Charles A. LeMaistre	New York Hospital, New York, N. Y.
Dorothy E. McCann	Boston Children's Hospital, Boston, Mass.
Thomas P. McCann	St. Vincent's Hospital, New York, N. Y.
Fletcher H. McDowell	New York Hospital, New York, N. Y.
Arthur E. McElfresh, Jr.	New York Hospital, New York, N. Y.
George R. McNear	New York Hospital, New York, N. Y.
Harold E. Marden	Mountainside Hospital, Montclair, N. J.
Sarah Matteson	New York Hospital, New York, N. Y.
Thomas W. Meldrum	Lankenau Hospital, Philadelphia, Pa.
John J. Meyerdierks	Holy Name Hospital, Teaneck, N. J.
William S. Montgomery	Syracuse University Hospital, Syracuse, N. Y.
Grover C. Murchison, Jr.	New York Hospital, New York, N. Y.
James W. Murphy	Cumberland Hospital, Brooklyn, N. Y.
William J. Murray, Jr.	St. Francis Hospital, Hartford, Conn.
Robert A. Nelson	Graduate work in basic sciences
Nelson R. Niles	New Britain Hospital, New Britain, Conn.
Richardson K. Noback	New York Hospital, New York, N. Y.
Robert C. Partenheimer	Orange Memorial Hospital, Orange, N. J.
Jerome Peacock	Bellevue Hospital, New York, N. Y.
Fred Plum	New York Hospital, New York, N. Y.
Donald Pyle	Monmouth Memorial Hospital, Long Branch, N. J.
Charles F. Reeder	Bryn Mawr Hospital, Bryn Mawr, Pa.
Walter A. Reiter, Jr.	Englewood Hospital, Englewood, N. J.
Jacob Robbins	New York Hospital, New York, N. Y.
John T. Rogers	City of Detroit Receiving Hospital, Detroit, Mich.
Harold V. Schell, Jr.	Hartford Hospital, Hartford, Conn.
Robert J. Schlitt	Long Island College Hospital, Brooklyn, N. Y.
Lester J. Schnell, Jr.	Brooklyn Hospital, Brooklyn, N. Y.
Boris Schwartz	Kings County Hospital, Brooklyn, N. Y.
Gilbert I. Smith	New York Hospital, New York, N. Y.
Peter W. Stone	New York Hospital, New York, N. Y.
Roy C. Swan, Jr.	New York Hospital, New York, N. Y.
Frances E. Thomsen	Strong Memorial Hospital, Rochester, N. Y.
Peter S. Tolins	Mount Sinai Hospital, New York, N. Y.
James M. Toolan	St. Vincent's Hospital, New York, N. Y.
Claude O. Truss	Bellevue Hospital, New York, N. Y.
Robert B. Wallace	Lenox Hill Hospital, New York, N. Y.
Robert E. Wolf	Genesee Hospital, Rochester, N. Y.
Norman B. Yourish	Hospital for Joint Diseases, New York, N. Y.

Students, 1947-1948

FOURTH YEAR

- William David Arnold, A.B., 1945, Colgate University
William Bancroft Anderton Bentley, B.S., 1945, Yale University
Carlos Enrique Bertran, A.B., 1945, Cornell University
Frank Luther Bird, B.S., 1945, Yale University
Hamilton Howard Blackshear, A.B., 1944, Tusculum College
Morton David Bogdonoff, Cornell University
Joseph Anthony Bonta, Colgate University
Edward Grenelle Bradley, A.B., 1945, Harvard University
Robert Thomson Breed, A.B., 1937, Amherst College
Hector Mason Brown, B.S., 1945, University of Washington
Suzanne Chadwick, A.B., 1944, Bryn Mawr College
James Melvin Colville, Michigan State College
Milton Cooper, A.B., 1945, Dartmouth College
Albert Burchfield Craig, Jr., Princeton University
Arthur Newton Daddirian, Jr., Cornell University
Christian Junior DeWinter, A.B., 1943, Calvin College;
M.S., 1943, University of Michigan
Robert LeRoy Dow, A.B., 1943, Cornell University
William Dubilier, Jr., B.S., 1945, Yale University
Gerard Lester Eastman, Columbia University
Joseph Adrian Elliott, A.B., 1943, Western Maryland College
Donald Stephen Ellis, B.S., 1945, Holy Cross College
Donald Francis Farrell, Columbia University
John Henry Ferger, A.B., 1945, Swarthmore College
Manuel Furer, A.B., 1944, Cornell University
Richard Horace Granger, Antioch College
Ray Allen Haag, University of Washington
Douglas Arbuckle Haddow, A.B., 1946, Amherst College
Robert Charles Hardy, B.S., 1946, Southern Methodist University
Janet Kelman Hayes, A.B., 1944, Wellesley College
Howard Conger Hewitt, A.B., 1945, Dartmouth College
William Hitzig, Columbia University
Craig Russell Hope, A.B., 1945, Princeton University
Alan Iddles, Cornell University
Marcia Kelman, B.S., 1942, Tufts College,
M.A., 1944, Wellesley College
Robert William Kircher, A.B., 1945, Wesleyan University
Edwin Munroe Knights, Jr., A.B., 1946, Brown University
Sheldon Cecil Kravitz, A.B., 1945, Cornell University
Sherman Kupfer, Cornell University
George Earl LaCroix, Cornell University
Kingston, N. Y.
Lawrence, N. Y.
Santurce, P. R.
Netcong, N. J.
Peekskill, N. Y.
New York, N. Y.
Columbus, Ohio
Washington, D. C.
Lynn, Mass.
Seattle, Wash.
Bronxville, N. Y.
Royal Oak, Mich.
Bayonne, N. J.
Sewickley, Pa.
Lynbrook, N. Y.
Grand Rapids, Mich.
Baldwinsville, N. Y.
New Rochelle, N. Y.
Westbury, N. Y.
Laurel, Dela.
Milton, Mass.
Philadelphia, Pa.
Arlington, Va.
Mattapan, Mass.
Lawrence, N. Y.
Seattle, Wash.
New York, N. Y.
Dallas, Texas
New York, N. Y.
Saranac Lake, N. Y.
Long Island City, N. Y.
Guilford, Conn.
Wayne, Pa.
Stoneham, Mass.
Norwalk, Conn.
Providence, R. I.
Brooklyn, N. Y.
Brooklyn, N. Y.
Newton Center, Mass.

- John Henry Laragh, Cornell University
 Ludwig Gerald Laufer, Bucknell University
 John Thomas McHenry, B.S., 1938, Santa Clara University,
 M.S., 1940, University of Hawaii
 Norval Mason Marr, University of Virginia
 Florence Nightingale Marshall, A.B., 1944, Wellesley College
 Harley Bryce Messinger, A.B., 1945, Brown University
 Robert Joseph Molloy, B.S., 1945, Holy Cross College
 Gregory Thomas O'Connor, Cornell University
 John James O'Donnell, Jr., B.S., 1944, Manhattan College
 Robert Jacob Oehrig, A.B., 1943, Houghton College
 Nancy Marie Peters, A.B., 1944, Cornell University
 Albert Adolphe Plentl, M.A., 1935, Princeton University,
 Ph.D., 1940, Columbia University
 R. A. Rees Pritchett, A.B., 1944, Houghton College
 Robert Archer Wood Pullman, A.B., 1943, Cornell University
 Michael Rapak, A.B., 1945, Columbia University
 James Ballard Rentfro, Cornell University
 Clayton Rich, Jr., Swarthmore College
 Roderick Clark Richards, Cornell University
 Harry Lane Robinson, A.B., 1944, Cornell University
 Bernard Rodier, A.B., 1945, Cornell University
 David Elliott Rogers, Ohio State University
 Andrew Keogh Ruotolo, B.S., 1945, Yale University
 Warren Glea Sarrell, B.S., 1946, West Virginia University
 James White Sayre, Wesleyan University
 Olin Grigsby Shivers, Jr., Cornell University
 Jane Phyllis Smith, A.B., 1944, Bryn Mawr College
 Robert Henry Smith, Ohio State University
 Donald Karl Stockdale, B.S., 1946, West Virginia University
 Paul Lloyd Summers, West Virginia University
 Edward AuPrince Ten Eyck, Cornell University
 Theodore Farrington Thomas, Cornell University
 Guy Weaver Van Syckle, A.B., 1945, Dartmouth College
 George Henry Vogt, A.B., 1945, Dartmouth College
 James Tuthill Weston, Cornell University
 Frederick Carr White, A.B., 1945, Princeton University
 James Wallace Wilkes, Jr., Cornell University
 Warren Harry Williams, B.S., 1945, Hobart College
 John Marion Wilson, Jr., Fordham University
 Joseph Allen Worrall, Jr., College of Wooster
 Yonkers, N. Y.
 Wilkes-Barre, Pa.
 Ithaca, N. Y.
 St. Petersburg, Fla.
 Reading, Pa.
 Providence, R. I.
 West Hartford, Conn.
 Cincinnati, Ohio
 White Plains, N. Y.
 Queens Village, N. Y.
 Maplewood, N. J.
 New York, N. Y.
 Flushing, N. Y.
 Newton Center, Mass.
 Passaic, N. J.
 Brownsville, Texas
 North Stamford, Conn.
 Scarsdale, N. Y.
 Babylon, N. Y.
 Hunter, N. Y.
 Columbus, Ohio
 Newark, N. J.
 Cartersville, Ga.
 Columbus, Ohio
 Chipley, Fla.
 Arlington, Mass.
 Middletown, Ohio
 Morgantown, W. Va.
 Parkersburg, W. Va.
 Santa Barbara, Calif.
 Oswego, N. Y.
 Woodbridge, N. J.
 Glen Ridge, N. J.
 Auburndale, Mass.
 Middletown, Dela.
 Columbia, Tenn.
 Utica, N. Y.
 New York, N. Y.
 Baldwin, N. Y.

THIRD YEAR

- Joan Kay Barber, Wellesley College
 Arthur William Bauman, Bates College
 John Arthur Bell, University of Nebraska
 Abraham Blumer, Amherst College
 Isabelle Greer Boggs, University of Pittsburgh
 Agnes Sanxay Burt, A.B., 1935, Reed College, M.A., 1937,
 University of California, Ph.D., 1943, University of Chicago
 Frances Margaret Capron, A.B., 1945, Wellesley College
 Edith Lawrence Carrier, A.B., 1944, Mt. Holyoke College
 Farmingdale, N. J.
 Waterville, Maine
 Scarsdale, N. Y.
 Detroit, Mich.
 Pittsburgh, Pa.
 Portland, Ore.
 Upper Montclair, N. J.
 Hartford, Conn.

Sumner Arthur Cheeseman, A.B., 1944, Johns Hopkins University	Marlboro, N. H.
Chia-I Cheng, A.B., 1931, Swarthmore College	New York, N. Y.
Ferris Edward Cooke, Jr., Amherst College	Conklin, Mich.
John Thomas Craighead, University of Colorado	Denver, Colo.
Daniel LeRoy Crandell, University of Texas	San Antonio, Texas
Robert Bruce Cubberley, Johns Hopkins University	Brooklyn, N. Y.
Richard Earl Cutler, Harvard University	Quincy, Mass.
Dominick Daniel Davolos, A.B., 1947, Wesleyan University	Yeadon, Pa.
Robert Hall Dickson, A.B., 1943, Cornell University	Staten Island, N. Y.
John Eldredge Stearns Dockweiler, B.S., 1945, University of Notre Dame	Los Angeles, Calif.
Thomas Leonard Doyle, Jr., Fordham University	New York, N. Y.
James Armstrong Duncan, Jr., Cornell University	New York, N. Y.
Norman Epstein, A.B., 1946, Yale University	Springfield, Mass.
Harold Warren Evans, Columbia University	Milton, Pa.
Robert E. Felix, College of the City of New York	Fairfield, Ill.
Richard Haviland Flandreau, A.B., 1944, Colgate University	East Dennis, Mass.
William Hurd Floyd, Jr., B.S., 1938, Rensselaer Polytechnic Institute, M.S., 1939, Carnegie Institute of Technology	Hawthorne, N. J.
Janet Carolyn Gerig, Swarthmore College	Chevy Chase, Md.
Glenn Gale Golloway, Miami University	North Canton, Ohio
Melvin Bernard Goodman, College of the City of New York	New York, N. Y.
Ledford Gerald Gregory, Princeton University	Oak Ridge, Tenn.
Robert Johns Haggerty, A.B., 1946, Cornell University	Worcester, N. Y.
Ben King Harned, Jr., Trinity College	Pearl River, N. Y.
Ruth Margaret Hennessey, A.B., 1945, College of St. Elizabeth	Glen Rock, N. J.
Earle Avery Herbert, West Virginia University	Forty Fort, Pa.
Robert James Herm, A.B., 1946, Cornell University	Elmhurst, N. Y.
Hugh Alwyn Innes-Brown, Jr., Hendrix College	New York, N. Y.
Robert John King, B.S., 1946, Yale University	New Rochelle, N. Y.
Donald Edward Lawson, Princeton University	Oakland, Calif.
Ray Lewis, College of the City of New York	Harrisburg, Pa.
Drury McMillan Love, Harvard University	Pittsburgh, Kansas
James Andrew Lundquist, Princeton University	Minneapolis, Minn.
Thomas Joseph McBryan, Yale University	Yeadon, Pa.
William Peter McCann, Princeton University	Rochester, N. Y.
John Joseph McCormick, Fordham University	New Rochelle, N. Y.
Dorothy Jane McManus, A.B., 1945, Cornell University	New York, N. Y.
Julian MarDock, A.B., 1942, University of Texas	Tyler, Texas
Sanford John Matthews, Holy Cross College	South Orange, N. J.
Robert Anthony Mayers, Columbia University	New Rochelle, N. Y.
Marie Madison Metoyer, B.S., 1945, Fordham University	Jersey City, N. J.
Bernard Joseph Michela, Amherst College	DePere, Wis.
Harry Louis Mueller, Jr., A.B., 1946, Cornell University	Bay Shore, N. Y.
Samuel Jacob Newman, Wabash College	New York, N. Y.
Robert Heywood Purnell, A.B., 1945, Dartmouth College	Short Hills, N. J.
Peter Francis Regan, III, Stanford University	Manhasset, N. Y.
Dorothy Helen Rieser, Massachusetts State College	Holyoke, Mass.
Peter Rogatz, A.B., 1945, Columbia University	New York, N. Y.
John Grove Rogers, Princeton University	Riverton, N. J.
Wayne Spitz Rogers, B.S., 1946, College of the City of New York	New York, N. Y.
David Winthrop Russell, A.B., 1946, University of California	Santa Barbara, Calif.
Samuel Marcus Schlyen, Princeton University	Passaic, N. J.

Jean Cooper Schmidlapp, A.B., 1945, Vassar College	New York, N. Y.
Alan Dale Shafer, Northwestern University	Dayton, Ohio
Lester Dunlap Shultis, B.S., 1945, Franklin & Marshall College	Reading, Pa.
Barbara Foster Simpson, A.B., 1946, Cornell University	Evanston, Ill.
Ross Baker Sommer, Miami University	Cincinnati, Ohio
David Howard Sonabend, B.S., 1946, Yale University	New York, N. Y.
Augusta Ruth Strongman, B.S., 1944, Wagner College	Brooklyn, N. Y.
Alfred Robert Stumpe, B.S., 1946, Carson-Newman College	Forest Hills, N. Y.
Richard Walter Stypula, Bucknell University	Wilkesburg, Pa.
Margaret Gaines Swann, A.B., 1945, Sweet Briar College	Winter Haven, Fla.
William Joseph Sweeney, III, A.B., 1942, Maryville College	Norwood, Pa.
James Francis Toole, Princeton University	Pittsburgh, Pa.
Stewart Gould Tuttle, B.S., 1946, University of No. Dakota	New York, N. Y.
Clinton George Weiman, Princeton University	Maplewood, N. J.
Edmund Thomas Welch, Jr., Massachusetts Institute of Tech.	Attleboro, Mass.
Frederick Hunt Wentworth, Harvard University	Grand Rapids, Mich.
David Harold Williams, Ohio State University	Cleveland, Ohio

SECOND YEAR

Jean Helen Abel, Barnard College	Elizabeth, N. J.
Bernard Amster, A.B., 1943, Columbia University	Crewe, Virginia
Richard Cleland Austin, A.B., 1946, St. Lawrence University	Montclair, N. J.
David Barr, A.B., 1947, Cornell University	New York, N. Y.
Donald Francis Bartley, B.S., 1943, Lebanon Valley College	Harrisburg, Pa.
Jules Alan Berkenfield, Cornell University	Far Rockaway, N. Y.
Charles Herbert Bippart, Jr., A.B., 1946, Wesleyan University	South Orange, N. J.
Arnold Stewart Breakey, A.B., 1946, Colgate University	Larchmont, N. Y.
Francis Edgar Browning, B.S., 1946, St. Lawrence University	Utica, N. Y.
Malcolm Waite Bulmer, A.B., 1946, University of Michigan	Pittsburgh, Pa.
Robert Hyrum Burgoyne, B.S., 1942, Utah State Agricultural College	Pittsburgh, Pa.
Sarah Alice Burton, A.B., 1946, Wells College	Montpelier, Idaho
Eric Theodore Carlson, A.B., 1944, Wesleyan University	Montclair, N. J.
Leon Irvin Charash, A.B., 1947, Cornell University	Norwich, Conn.
Robert Leslie Clarke, A.B., 1946, Bowdoin College	Irvington, N. J.
Alfred Donaldson Compton, Jr., A.B., 1934, Princeton University,	Scarsdale, N. Y.
M.S., 1941, Yale University	New York, N. Y.
Floyd Shovington Cornelison, Jr., A.B., 1939, Baylor University	San Angelo, Texas
George Nelson Cornell, Cornell University	Pelham, N. Y.
John Alfred Crago, A.B., 1939, M.A., 1940, University of Florida	Gainesville, Fla.
Margaret Nicholls Dealy, A.B., 1945, Mount Holyoke College	Plandome, N. Y.
Charles Alexander de Prosse, A.B., 1946, Cornell University	Hastings-on-Hudson, N. Y.
Carolyn Helen Diehl, A.B., 1946, Cornell University	Cohoes, N. Y.
Heinz Felix Eichenwald, A.B., 1946, Harvard University	New York, N. Y.
Martin Jay Evans, Cornell University	New York, N. Y.
Selig Moses Ginsburg, A.B., 1946, University of Wisconsin	New York, N. Y.
James Bartley Given, Princeton University	Scarsdale, N. Y.
William Goldfarb, A.B., 1933, Brooklyn College, M.S., 1934, College of the	City of New York, Ph.D., 1940, Columbia University
Edward Ira Goldsmith, A.B., 1947, Cornell University	New York, N. Y.
Robert Walton Greenwood, University of Rochester	Far Rockaway, N. Y.
	Washington, D. C.

- Warren Redwood Guild, Harvard University West Roxbury, Mass.
 Robert Clinton Hafford, A.B., 1947, Wesleyan University Glen Rock, N. J.
 Wilbur Dayton Hagamen, Jr., B.S., 1945, Baldwin-Wallace College Watertown, N. Y.
 Irving Edward Hall, Jr., Mercer University Macon, Ga.
 Harry Martin Helfrich, St. Lawrence University Ticonderoga, N. Y.
 Marjorie Frances Helgans, A.B., 1946, Cornell University Jersey City, N. J.
 William Carroll Hollis, A.B., 1946, Cornell University Forest Hills, N. Y.
 John Leroy Howard, A.B., 1947, Princeton University New York, N. Y.
 Dean Gordon Hudson, B.S., 1946, University of Washington Sequim, Washington
 William Warner Jepson, Swarthmore College Bethlehem, Pa.
 Sigurd Edward Johnson, Ph.B., 1945, University of Chicago Upper Montclair, N. J.
 James Sutherland Johnston, Wesleyan University Middletown, Conn.
 Lowell Lowell, A.B., 1945, University of Cincinnati Cincinnati, Ohio
 Arthur Sayre McLellan, Colgate University East Orange, N. J.
 Henry Matthew Mannix, Holy Cross College Brooklyn, N. Y.
 Ruth Rhoda Marcus, A.B., 1946, Cornell University New York, N. Y.
 Leopoldo Enrique Margarida, Cornell University Comerio, Puerto Rico
 Emilina Aguinaldo Melencio, University of the Philippines Manila, Philippines
 Kenneth Henning Meyer, B.S., 1941, Westminster College Wellston, Ohio
 Tilford Day Miller, A.B., 1943, Amherst College Wilton, Conn.
 Frederick Michael Mitchell, A.B., 1946, Wesleyan University Buffalo, N. Y.
 Francis Xavier Mofitt, A.B., 1942, Fordham University Jackson Heights, N. Y.
 Eugene Thomas Monahan, Wesleyan University Wilmington, Dela.
 Bertha Loving Moore, A.B., 1934, Flora McDonald College Washington, D. C.
 John de La Salle Morris, B.S., 1939, M.S., 1941, Fordham University New York, N. Y.
 Joseph Louis O'Brien, Princeton University Paterson, N. J.
 William John O'Hare, Fordham University New York, N. Y.
 Francis Salvatore Perrone, Columbia University New York, N. Y.
 Sidney Morse Pond, A.B., 1941, Wesleyan University Easthampton, Mass.
 William Clayton Porter, Jr., Princeton University Pittsburgh, Pa.
 Donn Richard Quinn, A.B., 1946, Cornell University Pelham, N. Y.
 Nancy Joan Rankin, A.B., 1946, Wellesley College Akron, Ohio
 Saverio Frank Redo, B.S., 1942, Queens College Springfield Gardens, N. Y.
 Joan Elvere Rider, A.B., 1946, Cornell University Brooklyn, N. Y.
 Douglas James Roberts, Jr., Wesleyan University Rockville, Conn.
 Donald Robertson, A.B., 1942, Princeton University Englewood, N. J.
 Alan Saul Robinson, Cornell University Maplewood, N. J.
 Albert Louis Rubin, Massachusetts Institute of Technology Framingham, Mass.
 George Bate Saviers, A.B., 1940, University of California Twin Falls, Idaho
 Craig Neelands Smith, A.B., 1946, University of Virginia Riverdale, N. Y.
 John Fisk Stockfish, A.B., 1947, Cornell University Jersey City, N. J.
 Hartwell Greene Thompson, Jr., A.B., 1946, Yale University West Hartford, Conn.
 Willard Chandler Thompson, Jr., Rutgers University New Brunswick, N. J.
 Claude Wilkes Trapp, Jr., B.S., 1943, University of the South Lexington, Ky.
 Merrill Y. Van Wagoner, A.B., M.A., 1939, Brigham Young University,
 Ph.D., 1945, Yale University Salt Lake City, Utah
 Robert Phillips Vomacka, B.S., 1941, Wagner College New York, N. Y.
 Mason Whitmore, A.B., 1940, Yale University State College, Pa.
 Charles Rockwell Williams, A.B., 1941, Wesleyan University,
 M.S., 1942, Yale University Hamden, Conn.
 William Allen Winslow, A.B., 1938, Wesleyan University New York, N. Y.
 Francis Assmann Wood, Yale University Newark, N. J.

FIRST YEAR

James Davis Allan, Cornell University	Arlington, N. J.
Robert Bedzofsky Beede, A.B., 1943, Cornell University	Utica, N. Y.
Herbert Van Wie Bergamini, B.A.E., 1945, Rensselaer Polytechnic Inst. Albany, N. Y.	Albany, N. Y.
Stanley Jack Birnbaum, B.S., 1942, Queens College	Jamaica, N. Y.
Albert James Blair, Jr., A.B., 1946, Amherst College	Ridgewood, N. J.
Peter Albert Bossart, Muhlenberg College	Union City, N. J.
Isaiah Samuel Botwinick, Cornell University	New York, N. Y.
Warren Samuel Braveman, A.B., 1947, Brooklyn College	New York, N. Y.
Andrew Derick Bulkley, A.B., 1943, Princeton University	North Salem, N. Y.
David Sidney Burgoyne, Utah State Agricultural College	Logan, Utah
Justin Paul Carey, A.B., 1940, M.A., 1941, Fordham University	New York, N. Y.
George Henry Carman, Cornell University	Binghamton, N. Y.
Nancy Jane Cole, A.B., 1937, Missouri University	New York, N. Y.
Harry Calvin Cramer, Jr., University of Wisconsin	Freeport, Ill.
Robert Harry Curtis, B.S., 1946, Cornell University	New York, N. Y.
Elmer William Davis, Jr., Wesleyan University	Girard, Ohio
Grayson Brown Davis, A.B., 1939, Asbury College	Kansas City, Mo.
Herbert Alexander Davis, University of Wisconsin	Verona, Wis.
Elisabeth Burnett Decker, University of Richmond	White Plains, N. Y.
William Ellis Edwards, Columbia University	Scarsdale, N. Y.
John Robert Elsea, College of William and Mary	Alexandria, Va.
Lawrence Mance Ervin, B.S., 1946, College of the City of New York	New York, N. Y.
Frederic Marsee Evans, A.B., 1947, Cornell College (Iowa)	Birmingham, Ala.
Esther Margaret Fincher, Cornell University	Ithaca, N. Y.
Frederic Francis Flach, St. Peter's College	Elizabeth, N. J.
Ross Lee Foertmeyer, Yale University	Fort Thomas, Ky.
Jack Milton Gershberg, Cornell University	Brooklyn, N. Y.
Hyman Louis Gildenhorn, B.S., 1943, Ohio State University	Cleveland, Ohio
James Graham Gray, Williams College	Pelham, N. Y.
Gerald Ernest Guay, Syracuse University	Whitehall, N. Y.
Philip Sidney Herbert, Jr., Cornell University	South Orange, N. J.
Robert Louis Hirsch, Cornell University	Brooklyn, N. Y.
Harvey Hoichman, Cornell University	St. Louis, Mo.
Henry Lyman Hood, B.S., 1943, Cornell University	Lakeport, N. H.
Peter Theodore Janulis, Cornell University	Maplewood, N. J.
William Huckel Jeffreys, Cornell University	Utica, N. Y.
Anne Bradstreet Johnson, Cornell University	Cambridge, Mass.
George T. Kiss, Princeton University	Woodhaven, N. Y.
William Frederick Klinkerfuss, Cornell University	Bronxville, N. Y.
Henry Roman Koczyk, Rutgers University	Newark, N. J.
Alfred Walter Kopf, Cornell University	Buffalo, N. Y.
Oscar Rogers Kruesi, Union College	Schenectady, N. Y.
Edith Anne Lechner, Connecticut College for Women	Montoursville, Pa.
Allan Maxwell Levy, Columbia University	Saranac Lake, N. Y.
Harold Venable Liddle, Williams College	Cincinnati, Ohio
Roger Potter Lochhead, Dartmouth College	Montclair, N. J.
Howard Charles Lucas, University of Florida	Winter Haven, Fla.
Walter Leonard Lynn, Jr., Kenyon College	Forest Hills, N. Y.
John Henry McArdle, Harvard University	Watertown, Mass.
Thomas Arthur McGraw, A.B., 1944, Yale University	Grosse Pointe, Mich.
Robert Joseph McKenna, Massachusetts Institute of Tech.	Winchester, Mass.

Ian MacKinnon, Dartmouth College	Bronxville, N. Y.
Roy Wright Menninger, Swarthmore College	Topeka, Kansas
Patrick Joseph Mulrow, Colgate University	New York, N. Y.
Earl Addis Munyan, Jr., Princeton University	Wellesley Farms, Mass.
Emil Neibart, University of Wisconsin	Irvington, N. J.
Dewey Allen Nelson, Cornell University	Baton Rouge, La.
Philip Andrew Nichols, Cornell University	Owego, N. Y.
Avrum Bernard Organick, College of the City of New York	New York, N. Y.
Walter Matthew Palmer, Jr., Harvard University	Hollis, N. Y.
James Hutcheon Pert, Dartmouth College	Tenafly, N. J.
George Freeland Pugh, Jr., West Virginia University	Terra Alta, W. Va.
George Burton Pugh, Lafayette College	Youngstown, Ohio
Sanford Maxwell Reiss, Cornell University	New York, N. Y.
Carol Remmer, Wellesley College	Oakdale, N. Y.
Kenneth Roth, A.B., 1946, New York University	Lawrence, N. Y.
Theodore John Rusnack, A.B., 1943, Fordham University	Yonkers, N. Y.
Edwin Philip Russell, Jr., Cornell University	Rome, N. Y.
George Adam Simpson, A.B., 1942, Dartmouth College	Hanover, N. H.
Jay Brady Skelton, Wesleyan University	Riverside, Conn.
Lyle Richardson Smith, B.S., 1946, Beloit College	Pleasant Hill, Tenn.
Elizabeth Howard Sprague, A.B., 1946, Vassar College	Chestnut Hill, Mass.
James Hawley Stephenson, Cornell University	Ithaca, N. Y.
Jack Frederic Stuart, B.S., 1944, University of Miami	Coral Gables, Fla.
Walter James Sullivan, B.S., 1946, Manhattan College	New York, N. Y.
Edward Bruce Swain, University of Kansas	Jefferson City, Mo.
Kenneth Stryker Thomson, Rutgers University	Middlebush, N. J.
William Andrew Triebel, B.S., 1946, College of the City of N. Y.	Woodhaven, N. Y.
Paul Richard vom Eigen, B.S., 1944, Cornell University	Irvington, N. J.
William Wait Ward, B.M.E., 1944, Cornell University	Godlen's Bridge, N. Y.
Carl Wierum, B.S., 1945, Columbia University	Rockville Center, N. Y.
Mary Margaret Wilber, Wellesley College	Scarsdale, N. Y.
Robert Howard Wilkinson, Wesleyan University	West Hartford, Conn.
James Oscar Wynn, Jr., Cornell University	Syosset, N. Y.

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Fourth year	78
Third year	76
Second year	79
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Total	<u>317</u>

STUDENTS IN THE GRADUATE SCHOOL, 1946-1947

Doctor of Philosophy

Helene W. Toolan, B.S., 1929, University of Chicago,
Ph. D., 1946, Cornell University New York, N. Y.

Masters of Science

Donald A. Clarke, B.S., 1937, Philadelphia College of Pharmacy and Science;
M.S., 1946, Cornell University New York, N. Y.
Jane Nicolet, A.B., 1943, Oberlin College; M.S., 1946, Cornell University
Riverdale, Md.

Candidates for the Degree of Doctor of Philosophy

Isabella Brogan, A.B., 1942, Barnard College New York, N. Y.
Donald A. Clarke, B.S., 1937, Philadelphia College of Pharmacy and Science;
M.S., 1946, Cornell University New York, N. Y.
Murray Finkelstein, B.S., 1940, M.S., 1941, Philadelphia College of
Pharmacy and Science New York, N. Y.
Doyle Joslin, A.B., 1917, Colorado College; M.D., 1921, Harvard University
Medical School New York, N. Y.
Dennis Kane, A.B., 1940, St. Bonaventure College Wilkes-Barre, Pa.
Elizabeth B. Keller, B.S., 1940, University of Chicago;
M.S., 1945, George Washington University School of Medicine New York, N. Y.
Charles J. Kensler, A.B., 1937, M.A., 1938, Columbia University New York, N. Y.
Johanna M. Lee, A.B., 1933, University of Illinois South Norwalk, Conn.
Chester W. H. Partridge, B.S., 1942, University of Vermont Burlington, Vt.
Harris Rosenkrantz, A.B., 1943, Brooklyn College;
M.S., 1946, New York University Brooklyn, N. Y.
Helen S. Wells, A.B., 1940, Brooklyn College New York, N. Y.
John E. Wilson, B.S., 1941, University of Chicago
M.S., 1944, University of Illinois Chicago, Ill.

Candidates for the Degree of Master of Science

Arthur S. Carlson, A.B., 1941, Brooklyn College Brooklyn, N. Y.
Martha Fuchs Feger, A.B., 1944, Swarthmore College New York, N. Y.
Irene M. Hund, A.B., 1945, New York University Scarsdale, N. Y.
Charles Kapros, B.S., 1942, Long Island University New York, N. Y.
Alice M. Stoll, A.B., 1938, Hunter College New York, N. Y.

Non-Candidate

Clifford F. Gerber, B.S., 1938, College of the City of New York;
M.S., 1944, New York University Brooklyn, N. Y.

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Brown, Veronica C.	Medicine	49
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Burkhardt, Edward A.	Medicine	49
Burnett, Sam R.	Surgery	74
Butler, Katherine	Medicine	49
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Carpenter, Frederick H.	Biochemistry	46
Carpenter, Walter T., Jr.	Pediatrics	60
Carr, Henry A.	Medicine	49
Carroll, William R.	Biochemistry	46
Carter, Anne C.	Medicine	49
Cary, William H.	Obstetrics & Gynecology	55
Cattell, McKeen	Pharmacology	62
Cavallini, Dorianio	Biochemistry	46
Cecil, Russell L.	Medicine	48
Chandler, Charles F.	Surgery	75
Chandler, Joseph P.	Biochemistry	46
Chaves, Aaron D.	Pub. Hl. & Prev. Med.	68
Cheney, Clarence O.	Psychiatry	65
Chenoweth, Maynard B.	Pharmacology	62
Child, C. Gardner, III.	Surgery	73
Christhilf, Stuart M., Jr.	Obstetrics & Gynecology	55
Clarke, Donald A.	Pharmacology	62
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Coats, Edward C.	Surgery	74
Cobb, Clement B. P.	Pediatrics	60
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Cole, John T.	Obstetrics & Gynecology	55
Coley, Bradley L.	Surgery	73
Conkey, Odgen F.	Obstetrics & Gynecology	55
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Console, Arthur D.	Surgery	74
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Cooper, William A.	Surgery	73
Cormia, Frank E.	Medicine	49
Cornell, Carleton M.	Surgery	74
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Correll, James W.	Pathology	58
Cotton, John M.	Psychiatry	65
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Cross, Nancy	Biochemistry	46
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Daniells, Helen E.	Psychiatry	65
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Dargeon, Harold W. K.	Pediatrics	60
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Day, Emerson	Medicine; Pub. Hl. & Prev. Med.	49; 68
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de Prume, Francois J.	Medicine	49
Despert, J. Louise	Psychiatry	65
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Dineen, Paul A.	Surgery	73
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Duley, Wade	Surgery	74
Dunbar, Howard S.	Surgery	75
Duncan, Charles H.	Medicine	50
Dunlap, Edward A.	Surgery	74
Dunn, William H.	Psychiatry	65
Dunning, Henry S.	Medicine	48
du Vigneaud, Vincent	Biochemistry	46
Eberhart, Warren F.	Anatomy	43
Eckardt, Robert E.	Medicine	51
Eckel, John H.	Surgery (Urology)	73
Edwards, Dayton J.	Assistant Dean; Physiology	63
Edwards, Herbert R.	Public Health and Prev. Medicine	68
Eggleston, Cary	Medicine	48
Eliasberg, Helene	Pediatrics	60
Elser, William J.	Appl. Path. & Bact. (Emeritus)	7
Epstein, Nathan	Pediatrics	60
Erdman, Albert J., Jr.	Medicine	49
Erdman, Seward	Surgery	73
Evans, John D.	Physiology	63
Falk, Emil A.	Medicine	49
Farmer, Lawrence	Medicine	49
Farr, Charles E.	Surgery	73
Farrell, Frank W.	Surgery	74
Feder, Aaron E.	Medicine	49
Ferger, Martha F.	Biochemistry	46
Finn, Frederick W.	Obstetrics & Gynecology	55
Finn, William F.	Obstetrics & Gynecology	55
Fish, Nicholas	Psychiatry	65
Flory, Curtis M.	Pathology	58
Focht, Elizabeth F.	Radiology	71
Foley, William T.	Medicine	49
Foot, N. Chandler	Surgery (Surg. Pathology)	73

Foote, Franklin M.	Public Health & Prev. Medicine.	68
Forkner, Claude E.	Medicine.	48
Fraad, Lewis M.	Pediatrics.	60
Franklin, John E.	Pediatrics.	60
Fraser, Alan W.	Pediatrics; Psychiatry.	60; 65
Freund, Jules.	Pathology.	58
Freyberg, Richard H.	Medicine.	48
Friess, Constance.	Medicine.	48
Fulkerson, Lynn L.	Obstetrics & Gynecology.	55
Furchgott, Robert.	Medicine; Physiology.	48; 63
Gaillard, Richard A.	Surgery.	75
Garrick, Thomas J.	Surgery.	74
Gause, Ralph W.	Obstetrics & Gynecology.	55
Geib, Margaret.	Pediatrics.	61
Genghof, Dorothy S.	Biochemistry.	46
Genvert, Harold.	Surgery.	74
Geohegan, William A.	Anatomy.	43
Gepfert, J. Randolph.	Obstetrics & Gynecology.	55
Gerster, John C. A.	Surgery.	73
Gibbons, John Martin.	Medicine.	49
Gilder, Helena.	Biochemistry.	46
Gill, Dan C.	Surgery.	74
Glassman, Oscar.	Obstetrics & Gynecology.	55
Glasson, John.	Surgery.	75
Glenn, Frank.	Surgery.	73
Glynn, Martin J., Jr.	Pediatrics.	60
Goff, Bryon H.	Obstetrics & Gynecology.	55
Gold, Harry.	Pharmacology.	62
Goldberg, Henry P.	Pediatrics.	60
Goodell, Helen.	Medicine.	50
Goodridge, Malcolm.	Medicine (Emeritus).	7
Gordon, Dan M.	Surgery.	74
Gore, Arthur L.	Surgery.	75
Gorman, Rosemary V.	Medicine.	51
Gorman, Vincent A.	Surgery.	75
Grace, William.	Medicine.	50
Graham, Thomas N.	Medicine.	49
Greeley, Arthur V.	Obstetrics & Gynecology.	55
Greenacre, Phyllis.	Psychiatry.	65
Greenberg, Sidney.	Medicine.	49
Guion, Connie M.	Medicine.	48
Guthrie, Keith O., Jr.	Medicine.	49
Hadley, Susan J.	Medicine.	51
Hamilton, Doris B.	Bacteriology.	45
Hamman, Louis, Jr.	Surgery.	75
Hammond, Edward L.	Psychiatry.	65
Hanlon, L.W.	Pharmacology; Medicine.	62; 50
Hansson, Kristian G.	Surgery (Orthopedics).	73
Haralambic, James Q.	Pediatrics.	60
Hardy, James D.	Physiology.	63
Hare, Kendrick.	Pediatrics.	60
Harlow, Ralph P.	Psychiatry.	65
Harman, Glen S.	Surgery.	75
Harrar, James A.	Obstetrics & Gynecology.	55
Harrington, Helen.	Pediatrics.	60
Hauser, Edwin T.	Medicine.	48
Hauser, Louis A.	Medicine.	49
Hausman, Louis.	Medicine (Neurology).	45
Hawkins, W. Hall.	Obstetrics & Gynecology.	55

Healy, William P.	Obstetrics & Gynecology	55
Hebard, George W.	Medicine	49
Heffner, R. Russell.	Medicine	49
Hehre, Edward J.	Bacteriology & Immunology	45
Heimoff, Leonard L.	Medicine	49
Heinzen, Bruce B.	Surgery	75
Helpern, Herman G.	Medicine	48
Helpern, Milton.	Medicine; Pathology	49; 58
Hendricks, Robert T.	Surgery	74
Henry, George W.	Psychiatry	65
Heuer, George J.	Surgery (Emeritus)	7
Higinbotham, Norman L.	Surgery	74
Hinkle, Lawrence E., Jr.	Medicine	51
Hinscy, Joseph C.	Dean; Anatomy	43
Hirsch, Frederick G.	Medicine	50
Hobson, Lawrence B.	Medicine	51
Hocker, Alfred F.	Radiology	71
Hoffman, Ruth S.	Surgery	74
Holman, Cranston.	Surgery	73
Holman, Delavan V.	Medicine	49
Holman, James M.	Surgery	74
Holswade, George R.	Surgery	75
Holt, Evelyn	Medicine	49
Homburger, Freddy.	Medicine	49
Homrich, Leslie A.	Medicine	49
Hooker, Russell H.	Surgery	74
Hopper, Mary Ellen.	Medicine	50
Horger, Eugene L.	Medicine	49
Hotchkiss, Robert S.	Surgery (Urology)	73
Howe, Suzanne A. L.	Surgery	74
Humphrey, Henry D.	Obstetrics & Gynecology	55
Humphreys, Gustavus A.	Surgery (Urology)	73
Hunt, Carlton C.	Pharmacology	62
Hunt, Frederick C.	Pediatrics	60
Hynes, Frank J.	Surgery	74
Jackson, Francis C.	Surgery	75
Jacobsen, Leif Y.	Medicine	49
Jameison, Gerald R.	Psychiatry	65
Jaspin, George.	Radiology	71
Javert, Carl T.	Obstetrics & Gynecology	55
Jeck, Howard S.	Surgery (Urology)	73
Jensen, D. Rees.	Surgery	74
Johnson, Donald G.	Obstetrics & Gynecology	55
Johnson, Scott.	Medicine	49
Joslin, Doyle	Physiology	63
Joyner, Edmund N., III.	Pediatrics	60
Kahn, Morton C.	Public Health and Prev. Medicine	68
Kammerer, William H.	Medicine	49
Kany, Alfred W.	Radiology	71
Kauer, George L., Jr.	Medicine	49
Kauer, Joseph T.	Surgery	74
Keefer, Edward B C.	Surgery	74
Keller, Elizabeth B.	Biochemistry	46
Kelley, Samuel F.	Surgery (Otolaryngology)	73
Kellner, Aaron	Pathology	58
Kennedy, Foster	Medicine (Neurology)	48
Kern, Fred, Jr.	Medicine	51
Keyes, Edward L.	Surgery (Urology) (Emeritus)	7
Kidd, John G.	Pathology	58
King, Joseph E. J.	Surgery	74

Knehr, Charles A.	Psychiatry	65
Knight, Jack V.	Medicine	50
Koenig, Hedwig	Pediatrics	60
Kohl, Richard N.	Psychiatry	65
Korsch, Barbara M.	Pediatrics	61
Koteen, Herbert	Medicine	50
Koteen, Phyllis H.	Pediatrics	60
Kramer, Elmer E.	Obstetrics & Gynecology; Pathology	55; 58
Kramer, Milton L.	Medicine	50
Kuhner, Anne E.	Surgery	74
Kunkle, E. Charles, Jr.	Medicine	50
Kurtz, Gerald I.	Surgery	75
Ladd, Anthony T.	Pathology	58
Ladd, William S.	Medicine	48
La Due, John	Medicine	50
Lake, Michael	Medicine	50
LaMar, Norvelle C.	Psychiatry	65
Lampe, Ernest W.	Anatomy; Surgery	43; 73
Lapham, Roger F.	Medicine	50
Lawrence, Edgar A.	Medicine	50
Lee, Johanna M.	Biochemistry	46
Leighton, Alexander Hamilton	Psychiatry	65
Lemcke, Dorothea	Medicine	50
Leonard, Martha F.	Pediatrics	60
L'Esperance, Elise	Pub. Hl. & Prev. Med.	60
Levine, Leon I.	Medicine	48
Levine, Milton I.	Pediatrics	60
Levine, Samuel Z.	Pediatrics	60
Lewis, George M.	Medicine (Dermatology)	48
Lewis, William H.	Medicine	50
Ley, Allyn B.	Medicine	51
Lhamon, William T.	Psychiatry	65
Lichtman, S. S.	Medicine	48
Liebolt, Frederick L.	Surgery (Orthopedics)	73
Lincoln, Asa L.	Medicine	48
Lincoln, Jim F.	Surgery	75
Lintz, Robert M.	Medicine	50
Livermore, Arthur H.	Biochemistry	46
Loebel, Robert O.	Medicine	50
Loveless, Mary E. H.	Medicine (Allergy)	48
Lovell, Harold W.	Psychiatry	65
Lulow, William V.	Pediatrics; Psychiatry	60; 65
Luomanen, Raymond K. J.	Surgery	74
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Lyle, Henry H. M.	Surgery	74
McAuliffe, Gervais W.	Surgery (Otolaryngology)	73
McCall, John O.	Public Health and Prev. Medicine	68
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McCandlish, Howard S.	Obstetrics & Gynecology	55
McCombs, A. Parks	Medicine	50
McCormack, Richard R.	Medicine	50
McDermott, Walsh	Medicine	48
McGowan, Frank J.	Surgery	74
McGowan, Lillian	Psychiatry	65
McGrath, John F.	Obstetrics & Gynecology	55
McIlveen, Marion	Pediatrics	60
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Marshall, Victor F.	Surgery (Urology)	73
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Neill, Charles L., Jr.	Surgery	74
Neill, James M.	Bacteriology & Immunology	45
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Newman, Abbott A.	Medicine	51
Nickel, William F., Jr.	Surgery	73
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Oberholzer, Emil	Psychiatry	65
Ogilvie, John B.	Surgery	74
Olcott, Charles T.	Pathology	58
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Rappaport, Irving	Pub. Hl. & Prev. Med.	68
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Reader, George	Medicine	51
Reed, Lester J.	Biochemistry	46
Rennie, Thomas A. C.	Psychiatry	65
Ressler, Charles	Medicine	50
Reznikoff, Paul	Medicine	48
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Richards, Charles H.	Physiology	63
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Richardson, Eric C.	Surgery	74
Richardson, Henry B.	Medicine	48
Rider, Thomas L.	Pediatrics	61
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Ripley, Herbert S.	Psychiatry	65
Robbins, Howard C.	Psychiatry	65
Robertson, Theodore	Pathology	58
Rockwell, Fred V.	Psychiatry	65
Rogoff, Julius L.	Medicine	50
Root, Sophie A.	Medicine	50
Roper, Joseph C.	Medicine	48
Rosensohn, Meyer	Obstetrics & Gynecology	55
Russell, William L.	Psychiatry (Emeritus)	7
Sabbatino, Joseph F.	Medicine	50
Sackett, Nelson B.	Obstetrics & Gynecology	55
Sammis, Jesse F.	Pediatrics	60
Samuels, Bernard	Surgery (Ophthalmology) (Emeritus)	7
Sargent, Frederick K.	Pediatrics	61
Scanlan, Theresa	Medicine	50
Schleicher, John W.	Obstetrics & Gynecology	55
Schloss, Oscar M.	Pediatrics	60
Schmidlapp, Carl J., II	Surgery	75
Schmidt, John G.	Surgery (Orthopedics)	73

Schumacher, George A.	Medicine.	48
Schwartz, Hans J.	Medicine (Dermatology) (Emeritus).	7
Schwartz, Irving.	Radiology.	71
Senn, Milton J. E.	Pediatrics; Psychiatry	60; 65
Shepard, Edward M.	Medicine.	51
Sherfey, Mary J.	Psychiatry.	65
Sherman, Jacob T.	Obstetrics & Gynecology.	55
Sherman, Robert S.	Radiology.	71
Shorr, Ephraim.	Medicine.	48
Simmonds, William P.	Medicine.	51
Simons, Donald J.	Medicine; Psychiatry.	48; 65
Slaughter, George W.	Surgery.	74
Smedley, Lois M.	Pediatrics.	60
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Smith, Carl H.	Pediatrics.	60
Smith, Erwin F.	Obstetrics & Gynecology	55
Smith, Frank R.	Obstetrics & Gynecology	55
Smith, J. James.	Medicine.	49
Smith, Morris K.	Surgery.	73
Smith, Richmond W.	Medicine.	51
Snyder, Charles T.	Obstetrics & Gynecology	55
Snyder, Stuart S.	Surgery.	74
Sorenson, Charles W.	Medicine.	50
Speer, David S.	Surgery.	75
Spelman, Aaron D.	Medicine.	50
Stacy, Gardner W.	Biochemistry.	46
Stancil, William B.	Psychiatry.	65
Stander, Henricus J.	Obstetrics & Gynecology	55
Starnes, William L.	Psychiatry.	66
Stein, Nobe E.	Psychiatry.	65
Steinberg, Israel.	Medicine.	50
Stevens, Alexander R.	Surgery (Urology) (Emeritus)	7
Stevenson, Ian P.	Medicine.	51
Stevenson, Lewis D.	Pathology; Medicine.	58; 48
Stewart, Fred W.	Surgery.	73
Stewart, Harold J.	Medicine.	48
Stickney, John W.	Medicine.	50
Stillman, Ralph G.	Medicine (Clinical Pathology).	48
Stimson, Philip M.	Pediatrics.	60
Straub, Leonard R.	Medicine.	51
Stubenbord, William D.	Medicine.	50
Sugg, John Y.	Bacteriology & Immunology	45
Sullivan, Joseph D.	Psychiatry.	66
Sullivan, Joseph V.	Radiology.	71
Sutherland, Arthur M.	Medicine.	50
Sweet, Joshua E.	Experimental Surgery (Emeritus)	7
Swift, Katherine W.	Medicine.	50
Syz, Hans.	Psychiatry.	65
Tagnon, Henry J.	Medicine.	50
Temple, Harold L.	Radiology.	71
Thomas, William C., Jr.	Medicine.	51
Thompson, David B.	Medicine.	51
Thomson, Archibald W., Jr.	Obstetrics & Gynecology	55
Tillinghast, Arthur J.	Radiology.	71
Timpanelli, Alphonse E.	Medicine.	50
Tisdale, Eben D.	Obstetrics & Gynecology; Pathology.	55; 58
Tolmach, Daniel M.	Pediatrics.	61
Tolstoi, Edward.	Medicine.	48
Tompsett, Ralph R.	Medicine; Pub. Hl. & Prev. Med.	48; 68
Toolan, Helene M.	Pathology.	58
Torda, Clara.	Medicine.	51

Torre, Mottram P.	Psychiatry	66
Travell, Janet	Pharmacology	62
Travis, John H.	Psychiatry	65
Treuting, Theodore F.	Medicine	51
Treves, Norman	Surgery	74
Tulin, Maurice	Medicine	50
Twiss, J. Russell	Medicine	50
Tyndall, Marian	Medicine	50
Vignec, Alfred J.	Pediatrics	60
Wade, Preston A.	Surgery (Orthopedics)	73
Waldriff, George A.	Medicine	51
Wall, James H.	Psychiatry	65
Walzer, Matthew	Medicine	51
Wang, Richard P.	Psychiatry	66
Ward, George Gray	Obstetrics & Gynecology (Emeritus)	7
Ward, Mary	Surgery (Anesthesia)	74
Warner, Nathaniel	Psychiatry	65
Watson, Robert F.	Medicine	49
Watson, William L.	Surgery	74
Weber, Frederick C., Jr.	Medicine	50
Webster, Bruce	Medicine	49
Weeden, Willis M.	Surgery	74
Weintraub, Sydney	Radiology	71
Welch, Livingston	Psychiatry	65
Werner, Erwin A.	Medicine	50
Wescoc, W. Clarke	Pharmacology	62
Weymuller, Louis E.	Pediatrics	60
Whalen, Gerald F.	Pathology	58
Wheatley, George M.	Pediatrics	60
Wheatley, Marjorie A.	Pediatrics	60
Whedon, G. Donald	Medicine	50
Wheeler, Charles H.	Medicine; Pharmacology	48
Wheeler, George W.	Medicine (Clinical Pathology)	48
White, Stephen	Radiology	71
Whitmore, Willet F., Jr.	Surgery	74
Wilcox, Howard	Obstetrics & Gynecology	55
Wilcox, Roscoe S.	Surgery	75
Willard, Harold N.	Medicine	51
Williams, Byard	Medicine	50
Williams, William E.	Pediatrics	61
Williamson, Hervey C.	Obstetrics & Gynecology	55
Wilson, Arthur L.	Obstetrics & Gynecology	55
Wilson, John E.	Biochemistry	46
Wilson, May G.	Pediatrics	60
Wolf, George A., Jr.	Medicine	50
Wolf, Richard E.	Pediatrics; Psychiatry	61; 66
Wolf, Stewart G., Jr.	Medicine	49
Wolff, Harold G.	Medicine; Psychiatry	48; 65
Wood, I. Robert	Pediatrics	61
Woodin, William G.	Medicine	51
Woodward, Katherine F.	Psychiatry	65
Woodward, Walter D.	Psychiatry; Pub. Hl. & Prev. Med.	66; 68
Woolsey, George	Surgery (Emeritus)	7
Wright, Harold S.	Psychiatry	66
Wright, Irving S.	Medicine	48
Wright, Mary Elizabeth	Biochemistry	46
Yeager, Robert L.	Medicine	51
Zipser, Stanley S.	Pediatrics	61
Zucker, Seymour	Medicine	50
Zweifach, Benjamin W.	Medicine	49