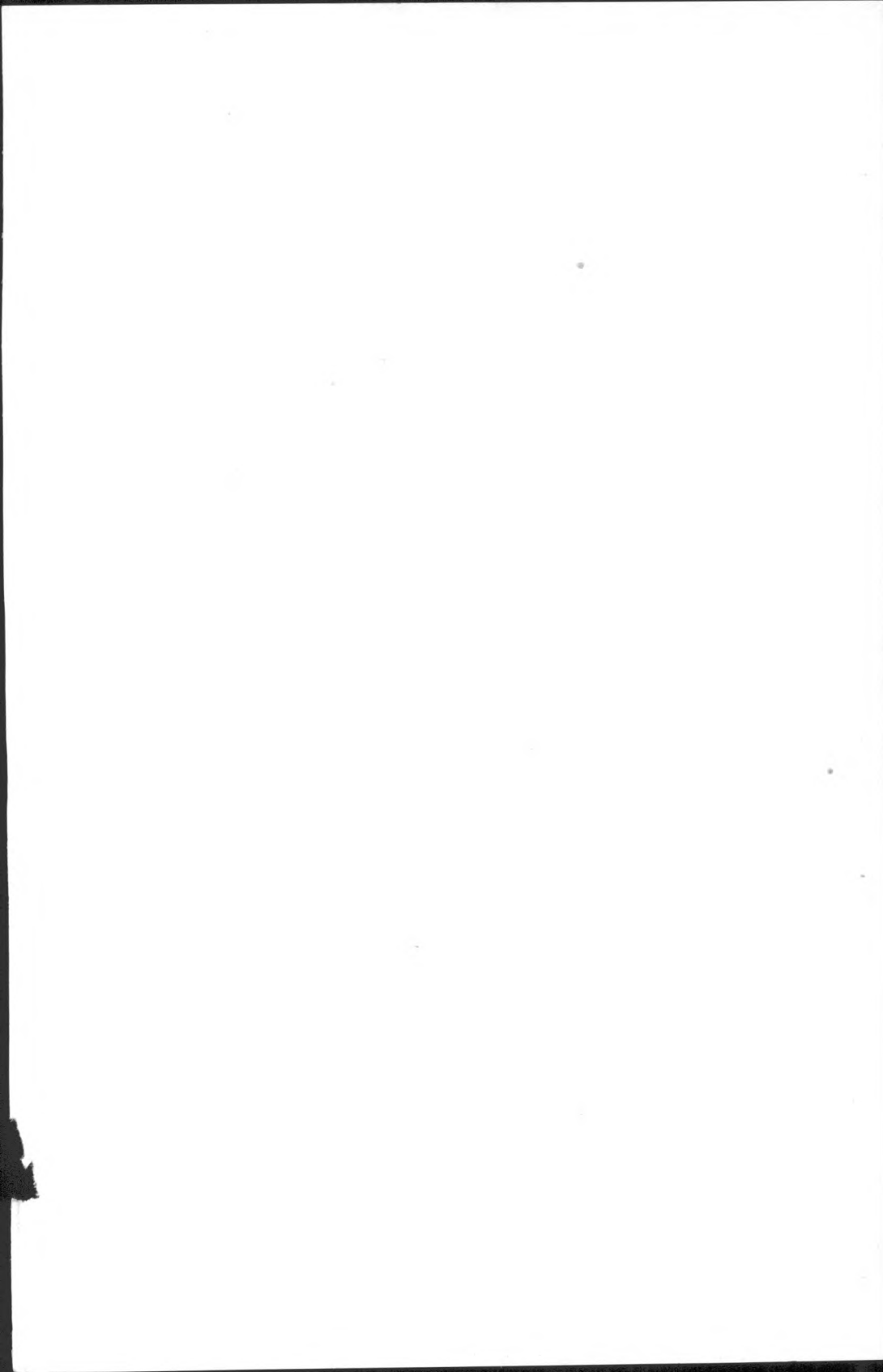




NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE

The Medical College is shown at the left.



THE CORNELL UNIVERSITY MEDICAL COLLEGE



1945-46

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CONTENTS

	PAGE
Calendar	4
Board of Trustees	5
New York Hospital-Cornell Medical College Association	6
Bequests, Form for	6
Medical College Council	7
Officers of Administration	8
Executive Faculty and Committees of the Faculty	9
Faculty	10
Military Service Roll	25
General Statement	30
Requirements for Admission	37
Admission to Advanced Standing	39
Requirements for Promotion and Graduation	39
General Information:	42
Fees, Scholarships, Loans, Prizes	44
Educational Policies and Plan of Instruction	49
Description of Courses	51
Anatomy	51
Bacteriology and Immunology	53
Biochemistry	54
Medicine and Medical Specialties	56
Military Medicine	84
Obstetrics and Gynecology	62
Pathology	65
Pediatrics	67
Pharmacology	69
Physiology	70
Psychiatry	72
Public Health and Preventive Medicine	74
Radiology	77
Surgery and Surgical Specialties	79
Summary of Hours in Medical Course	85
Schedule of Courses	86
The Graduate School	90
Special Students	92
Internship Appointments	93
Register of Students, 1945-46	95
Register of Medical College Staff	102

CALENDAR

1945

FALL TERM

Sept. 28-29 Registration for first year students.
 Oct. 1 Classes begin for all students 9 A.M.
 Nov. 7 Third division begins for fourth year students.
 Nov. 22 Holiday—Thanksgiving Day.
 Dec. 19 Fall term ends 5 P.M.
 Dec. 20-Jan. 2 Vacation for all classes.

1946

WINTER TERM

Jan. 3 Classes begin for all students 9 A.M.
 Jan. 22 Fourth division begins for fourth year students.
 March 25-Apr. 2 Final examinations—Promotion and Graduation.
 March 30 Close of an academic year for 2nd, 3rd and 4th year classes.
 April 2 Commencement 3:30 P.M.

SPRING TERM

April 3-4 Re-examinations for conditioned students.
 April 4 Classes begin for 1st, 3rd and 4th year students 9 A.M.
 May 30 Holiday—Memorial Day.
 June 4 Second division begins for fourth year students.
 June 18 Classes end for first year students 5 P.M.
 June 18-21 Final examinations for first and second year students.
 June 21 Spring term ends 5 P.M.
 June 22-July 7 Vacation for all classes.

SUMMER TERM

July 8 Classes begin for 2nd, 3rd and 4th year students 9 A.M.
 Aug. 16 Third division begins for fourth year students.
 Sept. 2 Holiday—Labor Day.
 Sept. 21 Summer term ends 5 P.M.

FALL TERM

Sept. 20-21 Registration for first year students.
 Sept. 23 Classes begin for 1st, 2nd, 3rd and 4th year students.
 Oct. 12 Holiday—Columbus Day.
 Oct. 16 Fourth Division begins for fourth year students.
 Nov. 28 Holiday—Thanksgiving Day.
 Dec. 13-19 Final examinations—Promotion and Graduation.
 Dec. 20 Commencement 3:30 P.M.

1945

1946

	April May June	July Aug. Sept.	Oct. Nov. Dec.	Jan. Feb. March	Apr. May June	July Aug. Sept.	Oct. Nov. Dec.
First year	3rd term	—	1st term	2nd term	3rd term	—	1st term
Second year . . .	3rd term	1st term	2nd term	3rd term	—	1st term	2nd term
Third year . . .	3rd term	1st term	2nd term	3rd term	1st term	2nd term	3rd term
Fourth year . . .	3rd term	1st term	2nd term	3rd term	1st term	2nd term	3rd term

BOARD OF TRUSTEES

The President of the University		Ithaca
The Governor of New York State		Albany
The Lieutenant-Governor of New York State		Albany
The Speaker of the Assembly		Albany
The State Commissioner of Education	<i>Ex-Officio</i>	Albany
The State Commissioner of Agriculture		Albany
The President of the State Agricultural Society		
The Librarian of the Cornell Library (City)		Ithaca
CHARLES EZRA CORNELL		Ithaca
HOWARD E. BABCOCK (B)		Ithaca
JOHN L. COLLYER (B)		Akron, Ohio
MAXWELL M. UPSON (B)		New York
WILLIS H. CARRIER (A)		Syracuse
GEORGE R. PFANN (A)		New York
IRVING M. IVES (G)		Albany
WALTER S. CARPENTER, JR. (B)		Wilmington, Del.
FRANK H. HISCOCK (B)		Syracuse
NICOLAS H. NOYES (B)		Indianapolis, Ind.
TELL BERNA (A)		Cleveland, Ohio
ROBERT E. TREMAN (A)		Ithaca
STANTON GRIFFIS (G)		New York
NEAL D. BECKER (B)		New York
WILLIAM D. P. CAREY (B)		Hutchinson, Kan.
ROGER H. WILLIAMS (B)		New York
MARY H. DONLON (A)		New York
ALBERT R. MANN (A)		New York
EDWARD R. EASTMAN (G)		Ithaca
FRANK E. GANNETT (B)		Rochester
FRANKLIN W. OLIN (B)		Alton, Ill.
EZRA B. WHITMAN (B)		Baltimore, Md.
THOMAS I. S. BOAK (A)		New Haven, Conn.
GEORGE H. ROCKWELL (A)		Cambridge, Mass.
MYRON C. TAYLOR (G)		New York
VICTOR EMANUEL (B)		New York
LARRY E. GUBB (B)		Philadelphia, Pa.
WALTER C. TEAGLE (B)		New York
ALICE BLINN (A)		New York
PAUL A. SCHOELLKOPF (A)		Niagara Falls
JOSEPH P. RIPLEY (G)		New York
HAROLD M. STANLEY (Gr)		Skaneateles

FACULTY REPRESENTATIVES

ROBERT E. CUSHMAN (January 1, 1946)	Ithaca
R. CLIFTON GIBBS (January 1, 1947)	Ithaca
RICHARD BRADFIELD (January 1, 1948)	Ithaca
JOSEPH C. HINSEY (January 1, 1949)	New York

B, elected by the Board; A, elected by the Alumni; G, appointed by the Governor; Gr, elected annually by the State Grange.

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:

LANGDON P. MARVIN, *Chairman*
WILLIAM WOODWARD
HENRY S. STURGIS

EDMUND E. DAY
NEAL D. BECKER
JOSEPH P. RIPLEY

JOHN W. DAVIS

FORM FOR BEQUESTS

The Society of the New York Hospital is associated with the Cornell University Medical College, which is one of the colleges of Cornell University, under the title of "The New York Hospital-Cornell Medical College Association."

Gifts or bequests should be made either to the Hospital or to the University, but not to the above-named Association.

If for the Hospital, the language may be: "I give and bequeath to the Society of the New York Hospital, the sum of \$....."

If for the use of the College, the language may be: "I give and bequeath to Cornell University the sum of \$..... for use in connection with its Medical College in New York City." If it is desired that a gift shall be used in whole or in part for any specific purpose in connection with the College, such use may be specified.

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

ALBERT R. MANN

MYRON C. TAYLOR

ROGER H. WILLIAMS

SAMUEL Z. LEVINE

WILSON G. SMILLIE

LUCIUS A. WING

MARY CRAWFORD

EDWARD K. TAYLOR, *Secretary.*

} of the Board of Trustees.

} of the Faculty.

} of the Alumni.

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
GEORGE J. HEUER

JOSEPH C. HINSEY
JOHN G. KIDD
SAMUEL Z. LEVINE
JAMES M. NEILL
WILSON G. SMILLIE
HENRICUS J. STANDER

STANDING COMMITTEES*

COMMITTEE ON CURRICULUM

GEORGE J. HEUER, *Chairman*

VINCENT DU VIGNEAUD

WILSON G. SMILLIE

HENRICUS J. STANDER

COMMITTEE ON ADMISSIONS

DAYTON J. EDWARDS, *Chairman*

N. CHANDLER FOOT
JAMES M. NEILL

MILTON J. E. SENN
CHARLES O. WARREN

LIBRARY COMMITTEE

ANDREW A. MARCHETTI, *Chairman*

WILLIAM DeW. ANDRUS
McKEEN CATTELL
JOSEPH P. CHANDLER
EDWIN J. DOTY

JAMES M. NEILL
JOSE F. NONIDEZ
EPHRAIM SHORR
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

OSKAR DIETHELM, *Chairman*

EUGENE F. DuBois

WILLIAM DeW. ANDRUS

COMMITTEE ON POLK PRIZES IN RESEARCH

JOHN G. KIDD, *Chairman*

EDWARD J. HEHRE

SAMUEL Z. LEVINE

PAUL REZNIKOFF

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

THE FACULTY†

†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. The order of names in each group follow seniority of appointment.

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

- | | |
|---------------------------------------|--|
| GEORGE WOOLSEY, M.D. [1898; 1926] | Professor of Clinical Surgery. |
| IRVING S. HAYNES, M.D. [1898; 1926] | Professor of Clinical Surgery. |
| FREDERICK WHITING, M.D. [1904; 1928] | Professor of Clinical Surgery (Otology). |
| WILLIAM L. RUSSELL, M.D. [1928; 1932] | Professor of Psychiatry. |
| GEORGE GRAY WARD, M.D. [1898; 1934] | Professor of Obstetrics and Gynecology. |
| EDWARD L. KEYES, M.D. [1911; 1937] | Professor of Clinical Surgery (Urology). |
| WILLIAM J. ELSER, M.D. [1901; 1938] | Professor of Applied Pathology and Bacteriology. |
| EUGENE L. OPIE, M.D. [1932; 1941] | Professor of Pathology. |
| JOHN C. TORREY, Ph.D. [1904; 1941] | Professor of Epidemiology. |
| JOSHUA E. SWEET, M.D. [1926; 1941] | Professor of Experimental Surgery. |
| HANS J. SCHWARTZ, M.D. [1911; 1942] | Professor of Clinical Medicine (Dermatology). |
| BERNARD R. SAMUELS, M.D. [1914; 1942] | Professor of Clinical Surgery (Ophthalmology). |
| LEWIS A. CONNER, M.D. [1898; 1945] | Professor of Clinical Medicine. |

PROFESSORS

- OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.
 Attending Pediatrician, New York Hospital.
 B.S. 1901, Alabama Polytechnic Institute; M.D. 1905, Johns Hopkins. [1918]
- MALCOLM GOODRIDGE, Professor of Clinical Medicine.
 Consulting Physician, New York and Bellevue Hospitals.
 A.B. 1894, Princeton; M.D. 1898, Columbia. [1910; 1923]
- 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]

- CHARLES E. FARR, Professor of Clinical Surgery.
A.B. 1898, M.D. 1903, Yale. [1921; 1928]
- 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]
- GEORGE J. HEUER, Lewis Atterbury Stimson Professor of Surgery.
Surgeon-in-Chief, New York Hospital.
B.S. 1903, Wisconsin; M.D. 1907, Johns Hopkins. [1931]
- JAMES M. NEILL, Professor of Bacteriology and Immunology.
B.S. 1917, Allegheny; Ph.D. 1921, Massachusetts Agricultural College. [1931]
- 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]
- N. CHANDLER FOOT, Professor of Surgical Pathology.
Surgical Pathologist, New York Hospital.
A.B. 1903, Harvard; M.D. 1907, Columbia. [1932]
- HENRY H. M. LYLE, Professor of Clinical Surgery.
Consulting Surgeon, St. Luke's Hospital.
M.D. 1900, Columbia. [1919; 1932]
- EUGENE H. POOL, Professor of Clinical Surgery.
Senior Attending Surgeon, New York Hospital.
A.B. 1895, Harvard; M.D. 1899, Columbia. [1932]
- 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]
- RUSSELL L. CECIL, Professor of Clinical Medicine.
Attending Physician, New York Hospital; Visiting Physician,
Bellevue Hospital.
A.B. 1902, Princeton; M.D. 1906, Medical College of Virginia. [1910; 1933]
- PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
Attending Psychiatrist, New York Hospital.
B.S. 1913, University of Chicago; M.D. 1916, Rush. [1932; 1933]
- WILLIAM S. LADD, Professor of Clinical Medicine.
Attending Physician, New York Hospital.
B.S. 1910, Amherst; M.D. 1915, Columbia. [1931; 1935]
- CLARENCE O. CHENEY, Professor of Clinical Psychiatry.
Consulting Psychiatrist, New York Hospital; Medical Director,
New York Hospital, Westchester Division.
A.B. 1908, M.D. 1911, Columbia. [1917; 1936]
- OSKAR DIETHELM, Professor of Psychiatry.
Psychiatrist-in-Chief, New York Hospital.
Statsexamen 1922, U. of Zurich; M.D. 1923, U. of Berne. [1936]

- JOSEPH C. HINSEY, Dean; Professor of Anatomy.
B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University. [1936]
- 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]
- JOSE F. NONIDEZ, Professor of Anatomy.
M.S. 1913, Sc.D. 1914, Madrid. [1920; 1937]
- WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.
A.B. 1908, Colorado College; M.D. 1912, D.P.H. 1916, Harvard. [1937]
- ALEXANDER R. STEVENS, Professor of Clinical Surgery (Urology).
Attending Surgeon (Urology), New York Hospital; Consulting Surgeon, Bellevue Hospital.
A.B. 1896, M.D. 1903, Johns Hopkins. [1924; 1937]
- VINCENT DU VIGNEAUD, Professor of Biochemistry.
B.S. 1923, M.S. 1924, Illinois; Ph.D. 1927, Rochester. [1938]
- 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]
- PHILIP B. CONNOLLY, Lieut-Col. U. S. Army Retired, Professor of Military Science and Tactics.
M.D. 1909, New York University. [1941]
- JAMES A. HARRAR, Professor of Clinical Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
M.D. 1901, Pennsylvania. [1932; 1941]
- ASA L. LINCOLN, Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital; Visiting Physician and Director, Second Medical Division, Bellevue Hospital.
A.B. 1910, M.A. 1911, Elon College; M.D. 1916, Johns Hopkins. [1921; 1941]
- CORNELIUS P. RHOADS, Professor of Pathology.
Director, Memorial Hospital.
A.B. 1920, Bowdoin; M.D. 1924, Harvard. [1941]
- McKEEN CATTELL, Professor of Pharmacology.
B.S. 1914, Columbia; A.M. 1917, Ph.D. 1920, M.D. 1924, Harvard. [1924; 1943]
- 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]
- JACOB FURTH, Professor of Pathology.
Associate Pathologist, New York Hospital.
M.D. 1921, German University, Prague. [1932; 1944]
- JOHN G. KIDD, Professor of Pathology.
Pathologist, New York Hospital.
A.B. 1928, Duke; M.D. 1932, Johns Hopkins. [1944]

- 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]
- 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]

ASSOCIATE PROFESSORS

- DAYTON J. EDWARDS, Assistant Dean; Associate Professor of Physiology.
B.S. 1906, Maine; Ph.D. 1913, Columbia. [1918; 1922]
- CHARLES V. MORRILL, Associate Professor of Anatomy; Chairman of
Group F, Graduate School.
A.M. 1906, Ph.D. 1910, Columbia. [1915; 1923]
- WILLIAM DEWITT ANDRUS, Associate Professor of Surgery.
Attending Surgeon, New York Hospital.
A.B. 1916, A.M. 1917, Oberlin; M.D. 1921, Johns Hopkins. [1932]
- GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
Attending Psychiatrist, New York Hospital.
A.B. 1912, Wesleyan; M.D. 1916, Johns Hopkins. [1928; 1932]
- 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]
- HAROLD J. STEWART, Associate Professor of Medicine.
Attending Physician, New York Hospital.
A.B. 1915, M.D. 1919, A.M. 1923, Johns Hopkins. [1932]
- 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]
- CONNIE M. GUION, Associate Professor of Clinical Medicine.
Attending Physician, New York Hospital.
A.B. 1906, Wellesley; A.M. 1913, M.D. 1917, Cornell. [1924; 1936]
- *WILLIAM F. MACFEE, Associate Professor of Clinical Surgery.
Attending Surgeon, New York Hospital; Director of Surgery,
St. Luke's Hospital.
A.B. 1914, University of Tennessee; M.D. 1918, Johns Hopkins. [1936]
- R. GORDON DOUGLAS, Associate Professor of Obstetrics and Gynecology.
Attending Obstetrician and Gynecologist, New York Hospital.
M.D.C.M. 1924, McGill. [1932; 1937]

*In military service.

- GEORGE PAPANICOLAOU, Associate Professor of Anatomy.
M.D. 1904, Athens; Ph.D. 1910, Munich. [1914; 1937]
- FRANK E. ADAIR, Associate Professor of Clinical Surgery.
Attending Surgeon and Executive Officer Medical Board, Memorial Hospital.
A.B. 1910, Sc.D. 1934, Marietta College; M.D. 1915, Johns Hopkins. [1934; 1938]
- 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]
- *RALPH F. BOWERS, Associate Professor of Clinical Surgery.
Attending Surgeon, New York Hospital.
A.B. 1921, M.D. 1925, Johns Hopkins. [1932; 1939]
- *WILLIAM H. CHAMBERS, Associate Professor of Physiology.
B.S. 1915, M.S. 1917, University of Illinois; Ph.D. 1920, Washington University. [1928; 1939]
- CARY EGGLESTON, Associate Professor of Clinical Medicine.
Attending Physician, New York Hospital.
Visiting Physician, Bellevue Hospital.
M.D. 1907, Cornell. [1911; 1939]
- HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).
Associate Attending Surgeon (Urology), New York Hospital.
Visiting Surgeon in Charge of Urological Service, Bellevue Hospital.
Ph.B. 1904, Yale; M.D. 1909, Vanderbilt. [1917; 1939]
- JOHN H. RICHARDS, Associate Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital.
M.D. 1905, Cornell. [1908; 1939]
- PAUL REZNIKOFF, Associate Professor of Clinical Medicine.
Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital.
B.S. 1916, New York University; M.D. 1920, Cornell. [1924; 1940]
- 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]
- BRONSON S. RAY, Associate Professor of Surgery.
Attending Surgeon, New York Hospital; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital; Associate Attending Surgeon of Neuro-Surgery, St. Luke's Hospital.
B.S. 1924, Franklin; M.D. 1928, Northwestern. [1932; 1941]

*In military service.

- FRED W. STEWART, Associate Professor of Surgical Pathology.
Pathologist, Memorial Hospital.
A.B. 1916, Ph.D. 1919, Cornell; M.D. 1924, Harvard. [1928; 1941]
- *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]
- LUCIUS A. WING, Associate Professor of Clinical Obstetrics and Gynecology.
Associate Attending Obstetrician and Gynecologist, New York Hospital.
B.S. 1903, Ohio State; M.D. 1907, Cornell. [1932; 1941]
- NELSON W. CORNELL, Associate Professor of Clinical Surgery (Orthopedics).
Associate Attending Surgeon; Attending Surgeon (Orthopedics), New York Hospital.
A.B. 1918, M.D. 1921, Cornell. [1925; 1942]
- GUILFORD S. DUDLEY, Associate Professor of Clinical Surgery.
Associate Attending Surgeon, New York Hospital; Director and Visiting Surgeon, Second Surgical Division, Bellevue Hospital.
A.B. 1910, M.D. 1913, Cornell. [1917; 1942]
- *FRANK GLENN, Associate Professor of Clinical Surgery.
Associate Attending Surgeon, New York Hospital.
M.D. 1927, Washington University. [1932; 1942]
- 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]
- GERVAIS W. MCAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).
Attending Surgeon (Otolaryngology), New York Hospital.
M.D. 1920, Long Island College Hospital. [1926; 1942]
- ADE T. MILHORAT, Associate Professor of Medicine.
Associate Attending Physician, New York Hospital.
A.B. 1924, Columbia; M.D. 1928, Cornell. [1933; 1942]
- ARTHUR PALMER, Associate Professor of Clinical Surgery (Otolaryngology).
Attending Surgeon (Otolaryngology), New York Hospital.
A.B. 1911, Brown; M.D. 1915, Cornell. [1923; 1942]
- THOMAS A. C. RENNIE, Associate Professor of Psychiatry.
Attending Psychiatrist, New York Hospital.
B.S. 1924, Pittsburgh; M.D. 1928, Harvard. [1942]

*In military service.

MILTON J. E. SENN, Associate Professor of Pediatrics (Psychiatry).
Associate 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]

PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.

Associate Attending Pediatrician, New York Hospital; Attending Physician, Willard Parker Hospital.

A.B. 1910, Yale; M.D. 1914, Cornell. [1919; 1942]

MAY G. WILSON, Associate Professor of Clinical Pediatrics.

Associate Attending Pediatrician, New York Hospital.

M.D. 1911, Cornell. [1918; 1942]

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

A.B. 1925, M.D. 1930, Johns Hopkins. [1938; 1943]

ANDREW A. MARCHETTI, Associate Professor of Obstetrics and Gynecology.

Attending Obstetrician and Gynecologist, New York Hospital.

A.B. 1924, University of Richmond; M.D. 1928, Johns Hopkins. [1932; 1943]

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

B.S. 1926, Ph.D. 1931, Vanderbilt. [1932; 1943]

HARRY GOLD, Associate Professor of Pharmacology.

A.B. 1919, M.D. 1922, Cornell. [1922; 1944]

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]

ROBERT F. PITTS, Associate Professor of Physiology.

B.S. 1929, Butler University; Ph.D. 1932, Johns Hopkins; M.D. 1938, New York University. [1942; 1944]

RICHARD H. FREYBERG, Associate Professor of Clinical Medicine.

A.B. 1926, M.D. 1930, M.S. 1934, University of Michigan. [1945]

ASSISTANT PROFESSORS

JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.

A.B. 1902, M.D. 1905, Columbia. [1913; 1919]

RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).

Clinical Pathologist, New York Hospital.

A.B. 1903, Yale; M.D. 1907, Columbia. [1912; 1922]

GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical Pathology).

Assistant Director, and Clinical Bacteriologist, New York Hospital.

M.D. 1907, Cornell. [1917; 1923]

HAROLD E. B. PARDEE, Assistant Professor of Clinical Medicine.

Associate Attending Physician, New York Hospital.

A.B. 1906, M.D. 1909, Columbia. [1917; 1926]

*MORRIS K. SMITH, Assistant Professor of Clinical Surgery.

Attending Surgeon, St. Luke's Hospital.

A.B. 1907, A.M. 1911, M.D. Dartmouth. [1919; 1926]

*RUSSEL H. PATTERSON, Assistant Professor of Clinical Surgery.

Assistant Attending Surgeon, New York Hospital; Visiting Surgeon, Bellevue Hospital.

A.B. 1914, Georgia; M.D. 1918, Harvard. [1921; 1930]

CARL A. BINGER, Assistant Professor of Clinical Psychiatry.

Assistant Attending Psychiatrist, New York Hospital.

A.B. 1910, M.D. 1914, Harvard. [1932]

EDWARD CUSSLER, Assistant Professor of Clinical Medicine.

Associate Attending Physician, New York Hospital.

M.D. 1904, Columbia. [1932]

SEWARD ERDMAN, Assistant Professor of Clinical Surgery.

Attending Surgeon, New York Hospital.

A.B. 1897, Princeton; M.D. 1902, Columbia. [1932]

*BRUCE WEBSTER, Assistant Professor of Clinical Medicine.

Assistant Attending Physician, New York Hospital.

M.D.C.M. 1925, McGill. [1932]

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]

JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.

Associate Attending Pediatrician, New York Hospital.

A.B. 1902, Princeton; M.D. 1906, Columbia. [1920; 1933]

IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).

Assistant Attending Surgeon (Orthopedics), New York Hospital.

B.S. 1915, College of the City of New York; M.D. 1918, Cornell. [1920; 1934]

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]

*In military service.

- LYOYD F. CRAVER, Assistant Professor of Clinical Medicine.
Attending Physician, Memorial Hospital.
A.B. 1915, M.D. 1918, Cornell. [1934]
- 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]
- GEORGE T. PACK, Assistant Professor of Clinical Surgery.
Attending Surgeon, Memorial Hospital.
B.S. 1920, Ohio State; M.D. 1922, Yale. [1935]
- HORACE S. BALDWIN, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital.
B.S. 1917, Wesleyan University; M.D. 1921, Cornell. [1923; 1936]
- GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.
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M.D. 1918, Albany Medical College. [1933; 1936]
- EDWARD TOLSTOI, Assistant Professor of Clinical Medicine.
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A.B. 1919, Yale; M.D. 1923, Cornell. [1927; 1936]
- ARTHUR F. ANDERSON, Assistant Professor of Clinical Pediatrics.
Associate Attending Pediatrician, New York Hospital.
M.D. 1916, Tufts. [1930; 1937]
- CHESTER L. YNTEMA, Assistant Professor of Anatomy.
A.B. 1920, Hope College; Ph.D. 1930, Yale. [1934; 1937]
- CLAUDE F. FORKNER, Assistant Professor of Clinical Medicine.
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A.B. 1922, M.A. 1923, University of California; M.D. 1926, Harvard. [1938]
- CARL H. SMITH, Assistant 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; 1938]
- JAMES H. WALL, Assistant Professor of Clinical Psychiatry.
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M.D. 1927, Jefferson Medical College. [1933; 1938]
- *BENJAMIN I. ASHE, Assistant Professor of Clinical Medicine.
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B.S. 1920, College of the City of New York; M.D. 1924, Cornell. [1933; 1939]
- 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]
- *WILLIAM A. COOPER, Assistant Professor of Clinical Surgery.
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A.B. 1928, Stanford University; M.D. 1932, Cornell. [1934; 1939]

*In military service.

- *HERBERT CONWAY, Assistant Professor of Clinical Surgery.
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M.B. 1928, B.S. 1929, M.D. 1929, M.S. 1932, University of Cincinnati. [1932; 1939]
- ARCHIE L. DEAN, Assistant Professor of Clinical Surgery (Urology).
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Associate Attending Surgeon, Memorial Hospital.
B.S. 1913, M.D. 1917, Cornell. [1935; 1939]
- *GEORGE M. HASS, Assistant Professor of Pathology.
Assistant Pathologist, New York Hospital.
M.D. 1929, Harvard. [1939]
- *CRANSTON HOLMAN, Assistant Professor of Clinical Surgery.
Assistant Attending Surgeon, New York Hospital.
Assistant Visiting Surgeon, Bellevue Hospital.
A.B. 1927, M.D. 1930, Stanford. [1932; 1939]
- 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]
- DOUGLASS PALMER, Assistant Professor of Clinical Medicine.
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A.B. 1909, Williams; M.D. 1915, Cornell. [1925; 1939]
- WILLIAM H. SUMMERSON, Assistant Professor of Biochemistry.
B.Chem. 1927, M.A. 1928, Ph.D. 1937, Cornell. [1929; 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]
- *HERBERT M. BERGAMINI, Assistant Professor of Clinical Surgery.
Visiting Surgeon, Bellevue Hospital.
Litt.B. 1913, Rutgers; M.D. 1917, Columbia. [1922; 1940]
- JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.
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B.S. 1911, College of the City of New York; M.D. 1915, Cornell. [1927; 1940]
- ROBERT O. DU BOIS, Assistant Professor of Clinical Pediatrics.
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- *HARRY H. GORDON, Assistant Professor of Pediatrics.
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A.B. 1926, M.D. 1929, Cornell. [1932; 1940]
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A.B. 1920, M.D. 1923, Cornell. [1925; 1940]
- MILTON HELPERN, Assistant Professor of Clinical Medicine.
Associate Visiting Physician, Bellevue Hospital.
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*In military service.

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M.D. 1924, Western Ontario. [1932; 1940]
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Visiting Physician, Bellevue Hospital.
M.D. 1920, Columbia. [1934; 1940]
- JOSEPH P. CHANDLER, Assistant Professor of Biochemistry.
A.B. 1924, Greenville; M.S. 1927, Ph.D. 1930, Michigan. [1937; 1941]
- *BRADLEY L. COLEY, Assistant Professor of Clinical Surgery.
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B.A. 1915, Yale; M.D. 1919, Columbia. [1941]
- PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).
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- *FRANKLIN M. FOOTE, Assistant Professor of Public Health and Preventive Medicine.
B.S. 1930, M.D. 1933, D.P.H. 1935, Yale. [1941]
- *JAMES D. HARDY, Assistant Professor of Physiology.
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- †HAROLD E. HARRISON, Assistant Professor of Pediatrics.
Associate Attending Pediatrician, New York Hospital.
B.S. 1928, M.D. 1931, Yale. [1938; 1941]
- EDWIN T. HAUSER, Assistant Professor of Clinical Medicine.
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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.
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A.B. 1906, Central University of Kentucky; M.D. 1911, Johns Hopkins. [1932; 1941]
- ALFRED F. HOCKER, Assistant Professor of Radiology.
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M.D. 1926, University of Louisville Medical College. [1937; 1941]
- 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]

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B.A. 1911, M.D. 1917, Iowa. [1941]

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A.B. 1917, Yale; M.D. 1921, Harvard. [1932; 1941]

*DAN TUCKER, Assistant Professor of Radiology.
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M.D. 1936, Syracuse. [1938; 1941]

*PRESTON A. WADE, Assistant Professor of Clinical Surgery (Ortho-
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ARTHUR J. ANTENUCCI, Assistant Professor of Clinical Medicine.
B.S. 1926, College of the City of New York; M.D. 1930, Columbia. [1936; 1942]

JOHN E. DEITRICK, Assistant Professor of Clinical Medicine.
Associate Attending Physician, New York Hospital.
B.S. 1929, Princeton; M.D. 1933, Johns Hopkins. [1934; 1942]

PAUL A. DINEEN, Assistant Professor of Clinical Surgery.
Associate Attending Surgeon, New York Hospital.
A.B. 1910, St. Francis Xavier; M.D. 1914, Columbia. [1932; 1942]

*WILLIAM H. DUNN, Assistant Professor of Clinical Psychiatry.
Associate Attending Psychiatrist, New York Hospital.
A.B. 1923, Rochester; M.D. 1927, Harvard. [1932; 1942]

HENRY S. DUNNING, Assistant Professor of Clinical Medicine.
Assistant Attending Physician, New York Hospital; Clinical As-
sistant Visiting Neuro-Psychiatrist, Bellevue Hospital.
A.B. 1927, M.D. 1930, Cornell. [1932; 1942]

*In military service.

- *JOHN H. ECKEL, Assistant Professor of Clinical Surgery (Urology).
Assistant Attending Surgeon, Associate Attending Surgeon (Urology), New York Hospital; Assistant Visiting Surgeon (Urology), Bellevue Hospital.
B.S. 1929, New York University; M.D. 1933, Cornell. [1934; 1942]
- NORVELLE C. LAMAR, Assistant Professor of Clinical Psychiatry.
Associate Attending Psychiatrist, New York Hospital.
A.B. 1921, M.D. 1925, Indiana. [1932; 1942]
- ALLISTER M. McLELLAN, Assistant Professor of Clinical Surgery (Urology).
Associate Attending Surgeon (Urology), New York Hospital.
M.D. 1924, McGill. [1932; 1942]
- *SAMUEL W. MOORE, Assistant Professor of Clinical Surgery.
Assistant Attending Surgeon, New York Hospital; Assistant Visiting Surgeon, Bellevue Hospital.
B.S. 1926, Davidson; M.D. 1930, Harvard. [1932; 1942]
- CARL MUSCHENHEIM, Assistant Professor of Medicine.
Assistant Attending Physician, New York Hospital.
A.B. 1928, M.D. 1931, Columbia. [1933; 1942]
- DONALD J. SIMONS, Assistant Professor of Clinical Medicine.
Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital.
A.B. 1927, Brown; M.D. 1931 Harvard. [1939; 1942]
- HAROLD L. TEMPLE, Assistant Professor of Radiology.
Acting Radiologist, New York Hospital.
B.S. 1932, M.D. 1935, University of Nebraska. [1941; 1942]
- CHARLES O. WARREN, Assistant Professor of Anatomy; Assistant Professor of Physiology.
A.B. 1927, Cornell; Ph.D. 1933, New York University; M.D. 1937, Cornell.
[1938; 1942]
- *C. GARDNER CHILD, Assistant Professor of Clinical Surgery.
Assistant Attending Surgeon, New York Hospital.
A.B. 1930, Yale University; M.D. 1934, Cornell. [1935; 1943]
- EDWIN J. DOTY, Assistant Professor of Psychiatry.
Assistant Attending Psychiatrist, New York Hospital.
M.D. 1929, University of Michigan. [1937; 1943]
- 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]
- WARNER S. HAMMOND, Assistant Professor of Anatomy.
A.B. 1932, Dartmouth; Ph.D. 1937, Cornell. [1938; 1943]
- EDWARD H. HEHRE, Assistant Professor of Bacteriology and Immunology.
A.B. 1934, M.D. 1937, Cornell. [1938; 1943]

*In military service.

SAMUEL F. KELLEY, Assistant Professor of Clinical Surgery (Otolaryngology).

Assistant Attending Surgeon (Otolaryngology), New York Hospital.

M.D. 1921, University of Texas. [1926; 1943]

*FREDERICK L. LIEBOLT, Assistant Professor of Clinical Surgery (Orthopedics).

Assistant Attending Surgeon (Orthopedics), New York Hospital.

B.A. 1925, University of Arkansas; M.D. 1930, Washington University; Sc.D. 1937, Columbia. [1939; 1943]

LEONIDAS D. MARINELLI, Assistant Professor of Radiology (Radiological Physics).

B.S. 1931, Cooper Union; M.A. 1936, Columbia. [1943]

VICTOR F. MARSHALL, Assistant Professor of Clinical Surgery (Urology).

Assistant Attending Surgeon (Urology), New York Hospital.

M.D. 1937, University of Virginia. [1938; 1943]

CHARLES T. OLCOTT, Assistant Professor of Pathology.

Assistant Pathologist, New York Hospital.

A.B. 1911, Princeton; M.D. 1916, Cornell. [1926; 1943]

E. COOPER PERSON, Assistant Professor of Clinical Surgery.

Assistant Attending Surgeon, New York Hospital.

A.B. 1931, University of North Carolina; M.D. 1935, Cornell. [1936; 1943]

*ISRAEL STEINBERG, Assistant Professor of Public Health and Preventive Medicine.

B.S. 1924; M.D. 1928, Harvard. [1941; 1943]

JOSEPH V. SULLIVAN, Assistant Professor of Radiology.

M.D. 1932, Long Island College. [1943]

MYRON E. WEGMAN, Assistant Professor of Clinical Pediatrics.

Assistant Attending Pediatrician, New York Hospital.

A.B. 1928, College of the City of New York; M.D. 1932, Yale; M.P.H. 1938, Johns Hopkins. [1943]

HAROLD B. ADAMS, Assistant Professor of Clinical Pediatrics.

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B.S. 1917, Columbia; M.D. 1920, Cornell. [1934; 1944]

WILLIAM A. BARNES, Assistant 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; 1944]

CLEMENT B. P. COBB, Assistant Professor of Clinical Pediatrics.

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A.B. 1922, Williams; M.D. 1926, Harvard. [1934; 1944]

CONSTANCE FRIESS, Assistant Professor of Clinical Medicine.

Assistant Attending Physician, New York Hospital.

A.B. 1928, Barnard; M.D. 1932, Cornell. [1933; 1944]

WILLIAM A. GEOHEGAN, Assistant Professor of Anatomy.

E.E. 1929, M.D. 1941, Cornell. [1941; 1944]

*In military service.

- 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]
- 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]
- 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]
- MARY E. H. LOVELESS, Assistant Professor of Medicine (Allergy).
A.B. 1921, M.D. 1925, Stanford. [1939; 1944]
- WALSH McDERMOTT, Assistant Professor of Medicine.
Assistant Attending Physician, New York Hospital.
A.B. 1930, Princeton; M.D. 1934, Columbia. [1935; 1944]
- 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]
- STEPHEN WHITE, Assistant Professor of Radiology.
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- CHARLES H. WHEELER, Assistant Professor of Clinical Medicine.
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B.S. 1931, Princeton; M.D. 1935, Cornell. [1936; 1944]
- JOHN L. WOOD, Assistant Professor of Biochemistry.
B.S. 1934, University of Illinois; Ph.D. 1937, University of Virginia. [1942; 1944]
- 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]
- CURTIS M. FLORY, Assistant Professor of Pathology.
Assistant Pathologist, New York Hospital.
B.S. 1935, M.S. 1938, Ph.D. 1940, University of Chicago. [1942; 1945]
- ERNEST W. LAMPE, Assistant Professor of Clinical Surgery.
Assistant Attending Surgeon, New York Hospital.
B.S. 1920, University of Minnesota; M.D. 1923, Rush Medical School. [1941; 1945]
- JULIAN R. RACHELE, Assistant Professor of Biochemistry.
B.A. 1934, M.S. 1935, Ph.D. 1939, New York University. [1940; 1945]
- MARY WARD, Assistant Professor of Surgery (Anesthesia).
Anesthetist-in-Chief, New York Hospital.
A.B. 1933, Wellesley; A.M. 1934, M.D. 1939, Columbia. [1945]
- MARJORIE A. WHEATLEY, Assistant Professor of Pediatrics.
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A.B. 1919, Vassar; M.D. 1929, Columbia. [1931; 1945]

MILITARY SERVICE ROLL

GEORGE C. ARMISTEAD, Assistant in Medicine
BENJAMIN I. ASHE, Assistant Professor of Clinical Medicine
RICHARD B. BAKER, Research Fellow in Medicine
JOHN M. BEAL, Assistant in Surgery
JAMES R. BEARD, Jr., Instructor in Medicine
ZACHARIAS BERCOVITZ, Instructor in Medicine
HERBERT M. BERGAMINI, Assistant Professor of Clinical Surgery
NOLTON H. BIGELOW, Research Fellow in Pharmacology
ROBERT M. BIRD, Assistant in Medicine
CHARLES BOHNENGEL, Instructor in Psychiatry
RALPH F. BOWERS, Associate Professor of Clinical Surgery
M. BERNARD BRAHDY, Instructor in Pediatrics
BENJAMIN W. BULLEN, Jr., Assistant in Pediatrics
WALTER T. CARPENTER, Jr., Assistant in Pediatrics
WILLIAM H. CHAMBERS, Associate Professor of Physiology
CHARLES F. CHANDLER, Assistant in Surgery
ARTHUR I. CHENOWETH, Instructor in Surgery
MAYNARD B. CHENOWETH, Research Fellow in Pharmacology
CHARLES GARDNER CHILD, III, Assistant Professor of Clinical Surgery
BRYANT E. CHRISTENSEN, Instructor in Medicine
BLISS B. CLARK, Instructor in Surgery
EUGENE EVERETT CLIFFTON, Instructor in Surgery
EUGENE J. COHEN, Research Fellow in Medicine
BRADLEY L. COLEY, Assistant Professor of Clinical Surgery
HERBERT CONWAY, Assistant Professor of Clinical Surgery
WILLIAM A. COOPER, Assistant Professor of Clinical Surgery
CARLETON M. CORNELL, Instructor in Surgery
MARVIN CUTHBERT, Instructor in Surgery (Ophthalmology)
JOHN J. DALE, JR., Instructor in Pediatrics
WILLIAM W. DANIEL, Assistant in Surgery
JOHN STAIGE DAVIS, Jr., Assistant in Surgery
ROBERT D. DEANS, Assistant in Surgery
SAMUEL W. DOOLEY, Instructor in Pediatrics
JOHN W. DRAPER, Instructor in Surgery (Urology)
J. EDWIN DREW, Instructor in Surgery (Urology)
WADE DULEY, Instructor in Surgery
JOHN C. DUNDEE, Instructor in Medicine
WILLIAM H. DUNN, Assistant Professor of Clinical Psychiatry
LISGAR B. ECKARDT, Instructor in Medicine
ROBERT E. ECKARDT, Assistant in Medicine
JOHN H. ECKEL, Assistant Professor of Clinical Surgery (Urology)
HERBERT K. ENSWORTH, Instructor in Medicine
ALBERT J. ERDMAN, JR., Instructor in Medicine
EMIL A. FALK, Instructor in Medicine

AARON E. FEDER, Instructor in Medicine
WILLIAM F. FINN, Instructor in Obstetrics and Gynecology
GILBERT H. FLETCHER, Instructor in Radiology
JOHN T. FLYNN, Assistant in Medicine
GEORGE H. FONDE, Instructor in Medicine
FRANKLIN M. FOOTE, Assistant Professor of Public Health and Preventive Medicine
JOHN E. FRANKLIN, Instructor in Pediatrics
BEN FRIEDMAN, Instructor in Medicine
RALPH W. GAUSE, Instructor in Obstetrics and Gynecology
HAROLD GENVERT, Instructor in Surgery
J. RANDOLPH GEPPERT, Assistant in Obstetrics and Gynecology
JOHN M. GIBBONS, Instructor in Medicine
DAN C. GILL, Assistant in Surgery
OSCAR GLASSMAN, Assistant in Obstetrics and Gynecology
FRANK GLENN, Associate Professor of Clinical Surgery
DAVID GLUSKER, Instructor in Medicine
HARRY H. GORDON, Assistant Professor of Pediatrics
PHILIP D. GORDY, Assistant in Surgery
FRANKLIN H. GRAUER, Instructor in Medicine
FRANCIS S. GREENSPAN, Assistant in Medicine
FRANCIS J. HAMILTON, Instructor in Psychiatry
JAMES Q. HARALAMBIE, Instructor in Pediatrics
JAMES D. HARDY, Assistant Professor of Physiology, Research Associate in Medicine
GEORGE M. HASS, Assistant Professor of Pathology
BERNARD HATZ, Instructor in Medicine
LOUIS A. HAUSER, Instructor in Medicine
GEORGE W. HEBARD, Instructor in Medicine
R. RUSSELL HEFFNER, Instructor in Medicine
THOMAS F. HENLEY, Instructor in Pediatrics
NORMAN L. HIGINBOTHAM, Instructor in Surgery
CRANSTON HOLMAN, Assistant Professor of Clinical Surgery
THOMAS H. HOLMES, Assistant in Medicine
RUSSELL H. HOOKER, Assistant in Surgery
ROBERT S. HOTCHKISS, Instructor in Surgery (Urology)
GUSTAVUS A. HUMPHREYS, Instructor in Surgery (Urology)
ROBERT W. HUNTINGTON, Instructor in Pathology
CARLTON C. HUNT, Assistant in Medicine
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CARL T. JAVERT, Instructor in Obstetrics and Gynecology
DONALD G. JOHNSON, Assistant in Obstetrics and Gynecology
MARSHALL R. JONES, Instructor in Psychology
EDMUND N. JOYNER, III, Instructor in Pediatrics
NATHAN KALISS, Assistant in Pathology
WILLIAM H. KAMMERER, Instructor in Medicine
GEORGE L. KAUER, JR., Instructor in Medicine

JOSEPH T. KAUER, Instructor in Surgery
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 SAUL R. KELSON, Instructor in Medicine
 CHARLES K. KIRBY, Assistant in Surgery
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 FREDERICK L. LIEBOLT, Assistant Professor of Clinical Surgery (Orthopedics)
 ROBERT M. LINTZ, Instructor in Medicine
 THOMAS A. LOFTUS, JR., Instructor in Psychiatry
 LUIGI LUZZATTI, Instructor in Pediatrics
 MARSH MCCALL, Instructor in Medicine
 RICHARD R. MCCORMACK, Assistant in Medicine
 FRANK J. MCGOWAN, Instructor in Surgery
 WILLIAM K. MCKNIGHT, Assistant in Psychiatry
 HORACE B. MCSWAIN, Instructor in Surgery
 JAMES O. MACDONALD, Instructor in Surgery (Otolaryngology)
 DAVID H. MACFARLAND, Assistant in Surgery (Urology)
 WILLIAM F. MACFEE, Associate Professor of Clinical Surgery
 THOMAS T. MACKIE, Associate in Public Health and Preventive Medicine
 ROBERT M. MARCUSSEN, Assistant in Medicine
 STEPHEN C. MEIGHER, Assistant in Surgery
 E. FORREST MERRILL, Associate in Radiology
 F. HAMILTON MERRILL, Instructor in Medicine
 RAYMOND E. MILLER, Instructor in Medicine, Instructor in Public Health and Preventive Medicine
 LAURENCE MISCALL, Instructor in Surgery
 JAMES A. MOORE, Assistant Professor of Clinical Surgery
 SAMUEL W. MOORE, Assistant Professor of Surgery
 DONALD R. MORRISON, Instructor in Surgery
 THOMAS E. MOSHER, Assistant in Pediatrics
 WILLIS A. MURPHY, Instructor in Medicine
 CHARLES L. NEILL, Assistant in Surgery
 WILLIAM F. NICKEL, JR., Instructor in Surgery
 JOHN B. OGILVIE, Instructor in Surgery
 EARL A. O'NEILL, Assistant in Surgery
 THEODORE W. OPPEL, Instructor in Medicine
 WARD D. O'SULLIVAN, Assistant in Surgery
 JOSEPH W. OWEN, Instructor in Medicine, Assistant in Psychiatry
 NORMAN PAPAE, Instructor in Medicine

RUSSELL H. PATTERSON, Assistant Professor of Clinical Surgery
JOHN B. PFEIFFER, Assistant in Medicine
NORMAN PLUMMER, Assistant Professor of Clinical Medicine
J. LAWRENCE POOL, Instructor in Medicine
HARRY T. POWERS, Assistant in Obstetrics and Gynecology
WILLIAM C. QUINN, Assistant in Surgery
LINCOLN RAHMAN, Instructor in Psychiatry
LELAND B. RANSOM, Assistant in Obstetrics and Gynecology
ARTHUR H. RAYNOLDS, Instructor in Medicine
CHARLES RESSLER, Instructor in Medicine
CHARLES H. RICHARDS, Research Fellow in Medicine and Psychiatry
HERBERT S. RIPLEY, Instructor in Psychiatry
EDWARD P. ROEMER, Instructor in Medicine
ALLAN ROOS, Instructor in Pediatrics
N. EDWARD ROSSETT, Instructor in Medicine
LIONEL C. RUBIN, Instructor in Medicine
CARL J. SCHMIDLAPP, 2nd, Assistant in Surgery
JOHN G. SCHMIDT, Instructor in Surgery (Orthopedics)
GEORGE A. SCHUMACHER, Instructor in Medicine
JOHN R. SEAL, Assistant in Medicine
FRANK R. SMITH, Assistant Professor of Obstetrics and Gynecology
J. JAMES SMITH, Instructor in Medicine
MORRIS K. SMITH, Assistant Professor of Clinical Surgery
CHARLES W. SORENSEN, Assistant in Medicine
DAVID S. SPEER, Assistant in Surgery
BENJAMIN McL. SPOCK, Instructor in Pediatrics
ISRAEL STEINBERG, Assistant Professor of Public Health and Preventive Medicine, Instructor in Medicine
JOHN W. STICKNEY, Instructor in Medicine
WILLIAM D. STUBENBORD, Instructor in Medicine
D. BLAIR SULOUFF, Instructor in Surgery (Ophthalmology)
MARION B. SULZBERGER, Research Associate in Medicine
BERNARD R. SWAN, Assistant in Obstetrics and Gynecology
LEONARD TARR, Instructor in Medicine
GURNEY TAYLOR, Instructor in Medicine
ALPHONSE E. TIMPANELLI, Instructor in Medicine
EBEN D. TISDALE, Assistant in Medicine
RALPH TOMPSETT, Assistant in Medicine
HARMON TRUAX, Instructor in Surgery (Urology)
DAN TUCKER, Assistant Professor of Radiology
J. RUSSELL TWISS, Instructor in Medicine
T. DURLAND VAN ORDEN, Instructor in Pediatrics
PRESTON A. WADE, Assistant Professor of Clinical Surgery (Orthopedics)
WILLIAM L. WATSON, Instructor in Surgery
JOHN Y. C. WATT, Instructor in Public Health and Preventive Medicine
FREDERICK C. WEBER, Instructor in Medicine
BRUCE WEBSTER, Assistant Professor of Clinical Medicine

WILLIS M. WEEDEN, Instructor in Surgery
SIDNEY WEINTRAUB, Associate Professor of Clinical Radiology
LOUIS E. WEYMULLER, Instructor in Pediatrics
WILLET F. WHITMORE, JR., Instructor in Surgery (Urology)
ROSCOE S. WILCOX, Assistant in Surgery
STEWART G. WOLF, JR., Instructor in Medicine
KENT A. ZIMMERMAN, Assistant in Psychiatry

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.

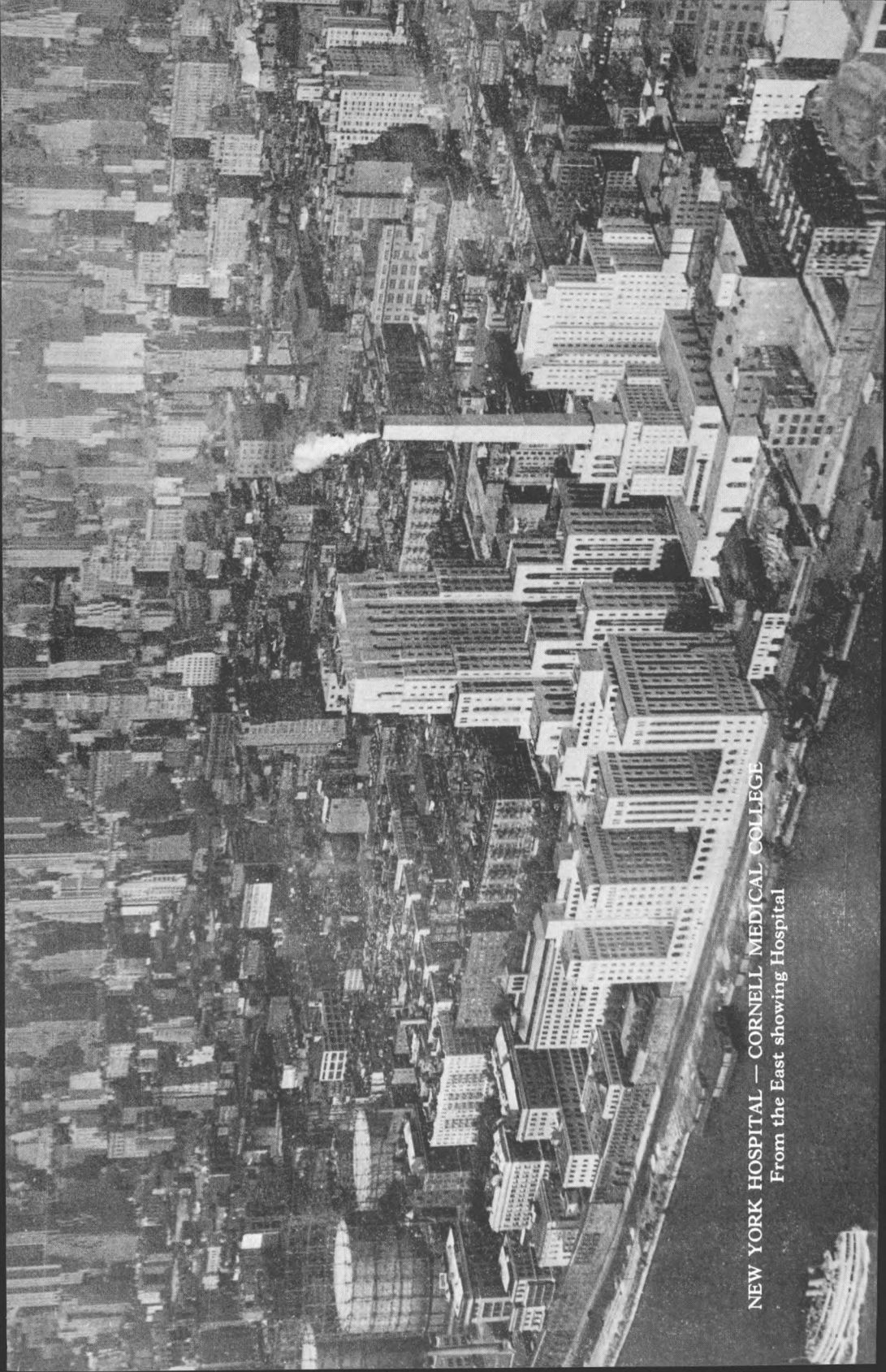
NEW YORK HOSPITAL. Clinical instruction is given in the five separate clinics forming the New York Hospital. The medical and surgical clinics occupy the central hospital building, while the women's clinic, the pediatric clinic, and the psychiatric clinic extend from north to south, overlooking the East 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.

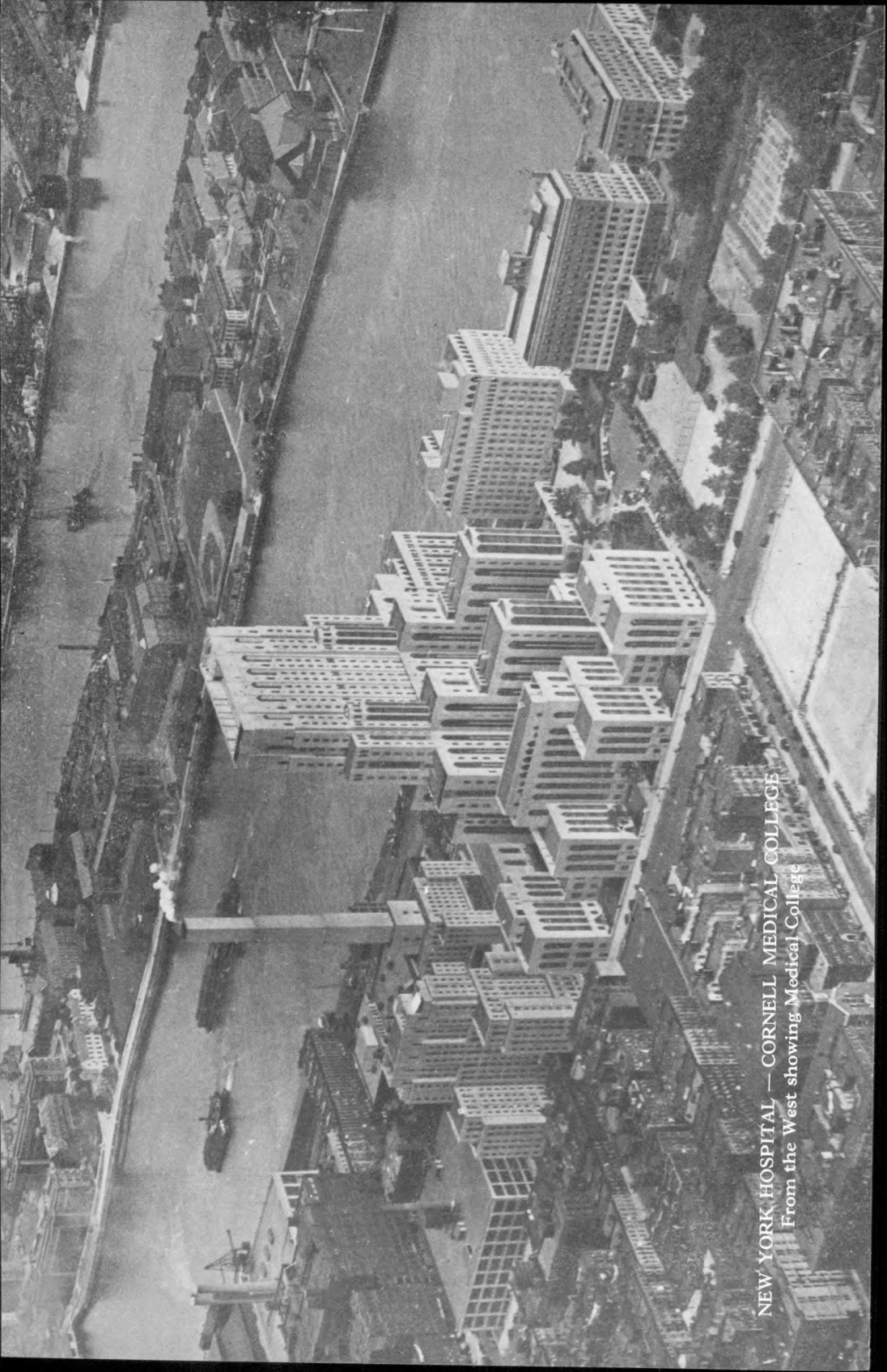
OTHER HOSPITALS FOR CLINICAL INSTRUCTION

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.

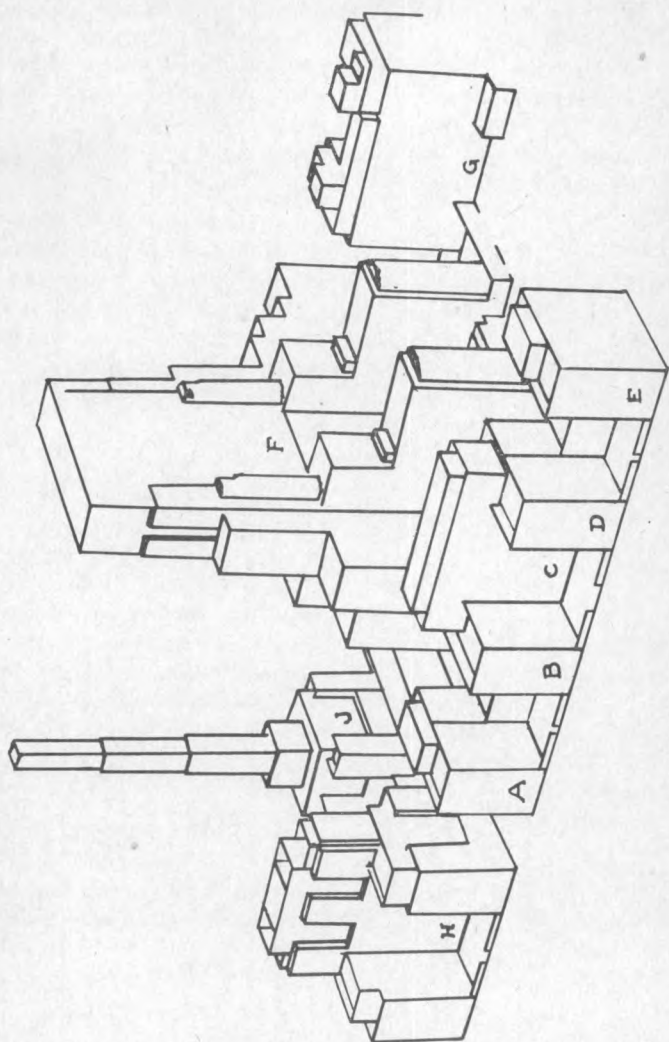
BELLEVUE HOSPITAL. Bellevue is the central hospital of the New York City Department of Hospitals. It contains 2,874 beds and is devoted to the treatment of acute diseases. It is organized in four divisions, one of which has been placed at the disposal of the faculty of Cornell University Medical College 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



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

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

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.

ST. LUKE'S HOSPITAL. Teaching privileges have been granted for surgical instruction which is conducted under the direction of a professor in Cornell University Medical College who is Director of Surgery, St. Luke's Hospital. The surgical service of this splendid institution affords valuable opportunities for the study of surgery. Present limitations, however, have made necessary a suspension of direct participation in this arrangement but it is expected that as soon as conditions permit the teaching program will be resumed.

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.

NEW YORK EYE AND EAR INFIRMARY. This institution has the distinction of being the oldest specialty hospital in this country. Located at the same site, Second Avenue and Thirteenth Street, since 1856, it has built up a staff of high excellence and with its very large patient attendance averaging over 600 visits daily, unparalleled opportunities are offered for the teaching of these specialties. Through cooperative

arrangements with our division of ophthalmology, fourth year students receive a part of their training in the wards and out-patient department of this hospital.

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. Du Bois 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. DU BOIS, 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. The acceleration of the educational program now in effect in both the undergraduate colleges and the medical schools requires, however, that consideration be given to the admission of students with less premedical work than they received formerly. Since both the Army and the Navy will have students in this medical college under the Specialized Training Program, persons who are attached to either of these services in the premedical course will enter medicine on the basis of a little more than two years of college training. For other students, however, a higher standard of preparation will be sought and as a general policy consideration will not be given candidates in this category who present less than 90 credit points.

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. A reading knowledge of both German and French is highly recommended and if only one can be fitted into the college course, the student will find that German is the language he is called upon most frequently to use in scientific references. 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 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 a 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-examination 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.

In New York State all credentials for admission to examinations for license should be filed with the State Education Department at least fifteen days before the examinations are held. These examinations will be held in January, June, and September (dates to be announced) at Albany, Buffalo, New York, and Syracuse. For complete information write to The Secretary, Board of Medical Licensure, Albany, New York.

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	600
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 academic year	9
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 for a maximum of 178 students are available in one of the buildings directly connected with the Medical College-New York Hospital group. All rooms in this medical student residence are located on the sixth to tenth floors and they provide comfortable, clean,

and airy living quarters. The rooms are all single, furnished rooms, and the rental ranges from \$20 to \$30 a month, which includes light, heat, maid service, and linen.

Assignment of rooms will be made at the close of each academic year, so entering students should place their reservations as early as possible after formal acceptance. As applications for rooms are returned they will be filed in order and priority given for selection in the sequence of receipt of requests.

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. The living standards of students differ, but careful estimates based on student experience in the past years indicate an average cost of approximately eight dollars a week for board.

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 other 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.

PRIZES AND SCHOLARSHIPS

Due to the accelerated schedule which the Medical College has adopted for the duration of the present emergency, all prizes and scholarships are now assigned at the close of the academic year instead of annually as indicated in the statement for certain of the awards listed below. Under this plan, the amounts are prorated on a nine-month basis.

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 OTOTOLOGY. Two prizes, the first of \$50, the second of \$25, are offered by Professor Frederick Whiting to the two students of the graduating class who make the best records in otology.

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.

SCHOLARSHIPS

1. THE JOHN METCALFE POLK SCHOLARSHIP. A gift under the will of William Mecklenburg 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 \$120 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.

BURSARY FOR WOMEN STUDENTS

THE MARIE AND JOHN ZIMMERMAN FUND: A considerable sum from this fund has been available this year to certain women students as a memorial to Marie Zimmerman, Sr. The candidates were 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 Fund has most generously set aside an additional sum of \$2,400 to be available in 1946. The objectives and method of assigning these awards are to 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 for students in the medical college is available to members of 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.

CORNELL UNIVERSITY MEDICAL COLLEGE
ALUMNI ASSOCIATION, INC.

Officers

William R. Delzell, '18	President
Connie M. Guion, '17	Vice-President
Mary M. Crawford, '07	Secretary
Paul Reznikoff, '20	Treasurer

Directors

Horace Baldwin, '21	Edward P. Flood, '17
Katharine Butler, '35	Charles O. Warren, '37
Lloyd F. Craver, '18	S. Bernard Wortis, '27

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

Lucius A. Wing, '07	Council Representative
David N. Barrows, '12	Editor of the <i>Quarterly</i>
Miss Mary E. Gleason	Executive Secretary

Each graduate of Cornell University Medical College is automatically considered a member of the Alumni Association. The dues are \$3 a year, starting one year after graduation. Besides an annual banquet, the activities of the Association include a quarterly publication, student loan funds, employment bureau, and work of a committee in the interest of obtaining internships and residences. The Association maintains an office at 1300 York Avenue.

A scholarship is granted 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.

Anatomy

JOSEPH C. HINSEY, Professor of Anatomy.

JOSE F. NONIDEZ, Professor of Anatomy.

CHARLES V. MORRILL, Associate Professor of Anatomy.

GEORGE PAPANICOLAOU, Associate Professor of Anatomy.

WILLIAM A. GEOHEGAN, Assistant Professor of Anatomy.

WARNER S. HAMMOND, Assistant Professor of Anatomy.

CHARLES O. WARREN, Assistant Professor of Anatomy.

CHESTER L. YNTEMA, Assistant Professor of Anatomy.

CHARLES BERRY, Instructor in Anatomy.

ERNEST W. LAMPE, Instructor in Anatomy.

JOHN MACLEOD, Research Associate 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, 213 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, 91 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, 432. 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 STUDENTS¹

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. Anatomical Research. Subject to special arrangement with the head of the department.

¹Fees for the courses do not include matriculation and administration fees.

Bacteriology and Immunology

JAMES M. NEILL, Professor of Bacteriology and Immunology.

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

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

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

DOROTHY S. GENGHOF, 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. 163 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.
JOSEPH P. CHANDLER, Assistant Professor of Biochemistry.
JULIAN R. RACHELE, Assistant Professor of Biochemistry.
WILLIAM H. SUMMERSON, Assistant Professor of Biochemistry.
JOHN L. WOOD, Assistant Professor of Biochemistry.
ROY W. BONSNES, Instructor in Biochemistry.
GEORGE B. BROWN, Research Associate in Biochemistry.
MILDRED COHN, Research Associate in Biochemistry.
DONALD B. MELVILLE, Research Associate in Biochemistry.
SOFIA SIMMONDS, Research Associate in Biochemistry.
CARL M. STEVENS, Research Associate in Biochemistry.
MARTHA FUCHS, 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. 54 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.

92 hours second term.

108 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.
MALCOLM GOODRIDGE, 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.
JOSEPH C. ROPER, Professor of Clinical Medicine.
LEWIS D. STEVENSON, Professor of Clinical Medicine (Neurology).
CARY EGGLESTON, Associate Professor of Clinical Medicine.
RICHARD H. FREYBERG, Associate Professor of Clinical Medicine.
CONNIE M. GUION, Associate Professor of Clinical Medicine.
GEORGE M. LEWIS, Associate Professor of Clinical Medicine (Dermatology).
ADE T. MILHORAT, Associate Professor of Medicine.
PAUL REZNIKOFF, 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.
HAROLD G. WOLFF, Associate Professor of Medicine.
ARTHUR J. ANTENUCCI, Assistant Professor of Clinical Medicine.
HORACE S. BALDWIN, 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.
JOHN E. DEITRICK, Assistant Professor of Medicine.
PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).
HENRY S. DUNNING, Assistant Professor of Clinical Medicine.
CLAUDE E. FORKNER, Assistant Professor of Clinical Medicine.
CONSTANCE FRIESS, Assistant Professor of Clinical Medicine.
EDWIN T. HAUSER, Assistant Professor of Clinical Medicine.
MILTON HELPERN, Assistant Professor of Clinical Medicine.
LEON I. LEVINE, Assistant Professor of Clinical Medicine.
MARY E. H. LOVELESS, Assistant Professor of Medicine (Allergy).
WALSH McDERMOTT, Assistant Professor of Medicine.
EDGAR MAYER, Assistant Professor of Clinical Medicine.
CARL MUSCHENHEIM, Assistant Professor of Clinical Medicine.
DOUGLASS PALMER, Assistant Professor of Clinical Medicine.
HAROLD E. B. PARDEE, Assistant Professor of Clinical Medicine.
FRANK H. PETERS, Assistant Professor of Clinical Medicine.
DONALD J. SIMONS, Assistant Professor of Clinical Medicine.
RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).

EDWARD TOLSTOI, Assistant Professor of Clinical Medicine.
 CHARLES H. WHEELER, Assistant Professor of Clinical Medicine.
 GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical Pathology).
 ELISABETH ADAMS, Instructor in Medicine.
 THOMAS P. ALMY, Instructor in Medicine.
 ABRAHAM A. ANTOVILLE, Instructor in Medicine.
 RUTH P. BERKELEY, Instructor in Medicine.
 GEORGE E. BINKLEY, Instructor in Medicine.
 KEEVE BRODMAN, Instructor in Medicine.
 HALLA BROWN, Instructor in Medicine.
 VERONICA C. BROWN, Instructor in Medicine.
 PAUL A. BUNN, Instructor in Medicine.
 EDWARD A. BURKHARDT, Instructor in Medicine.
 KATHERINE BUTLER, Instructor in Medicine.
 HENRY A. CROMWELL, Instructor in Medicine.
 FRANCOIS J. DE PRUME, Instructor in Medicine.
 MONROE K. DIAMOND, Instructor in Medicine.
 EDWARD M. DODD, Instructor in Medicine.
 FRANK M. FALCONER, Instructor in Medicine.
 LAWRENCE FARMER, Instructor in Medicine.
 WILLIAM GRACE, Instructor in Medicine.
 THOMAS N. GRAHAM, Instructor in Medicine.
 SIDNEY GREENBERG, Instructor in Medicine.
 HERMAN G. HELPERN, Instructor in Medicine.
 *EVELYN HOLT, Instructor in Medicine.
 LESLIE A. HOMRICH, Instructor in Medicine.
 FREDERICK H. HOWARD, Instructor in Medicine.
 BERNARD HYDE, Instructor in Medicine.
 SCOTT JOHNSON, Instructor in Medicine.
 HERBERT KOTEEN, Instructor in Medicine.
 ROGER F. LAPHAM, Instructor in Medicine.
 DOROTHEA LEMCKE, Instructor in Medicine.
 WILLIAM H. LEWIS, Instructor in Medicine.
 SOL S. LICHTMAN, Instructor in Medicine.
 ROBERT O. LOEBEL, Instructor in Medicine.
 ISABEL LONDON, Instructor in Medicine.
 A. PARKS McCOMBS, Instructor in Medicine.
 KIRBY MARTIN, Instructor in Medicine.
 ROBERT H. MELCHIONNA, Instructor in Medicine.
 L. MARY MOENCH, Instructor in Medicine.
 FREDERICK REISS, Instructor in Medicine.
 CHARLES H. RESSLER, Instructor in Medicine.
 WILLY K. RIEBEN, Instructor in Medicine.
 JULIUS L. ROGOFF, Instructor in Medicine.
 SOPHIE A. ROOT, Instructor in Medicine.

*On leave of absence.

JOSEPH F. SABBATINO, Instructor in Medicine.
THERESA SCANLON, Instructor in Medicine.
WALTER J. SCHMIDT, Instructor in Medicine.
MABEL G. SILVERBERG, Instructor in Medicine.
AARON D. SPIELMAN, Instructor in Medicine.
KATHERINE W. SWIFT, Instructor in Medicine.
MAURICE TULIN, Instructor in Medicine.
MARIAN TYNDALL, 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.
ROBERT FURCHGOTT, Research Associate in Medicine.
BELA MITTELMANN, Research Associate in Medicine.
ANNE C. CARTER, Assistant in Medicine.
EUGENE L. HORGER, Assistant in Medicine.
EDWIN D. KILBOURNE, Assistant in Medicine.
E. HUGH LUCKEY, Assistant in Medicine.
HUGH SCHUYLER ROBERTSON, Assistant in Medicine.
HARRIET HULL SMITH, Assistant in Medicine.
WILLIAM CLARKE WESCOE, Assistant in Medicine.
POLLY B. WITHROW, Assistant in Medicine.
HARRY A. BRAY, Lecturer in Medicine (Tuberculosis).
IGNAZ W. OJENICK, Lecturer in Medicine (Neurology).
MATTHEW WALZER, Lecturer in Medicine (Allergy).
ROBERT L. YEAGER, Lecturer in Medicine (Tuberculosis).
†CARL HERGET, Research Fellow in Medicine.
MARY ELLEN HOPPER, Research Fellow in Medicine.
CLARA TORDA, Research Fellow in Medicine (Neurology).

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 the 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

†On leave of absence for military research.

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 will include chemical, morphological, serological, and animal inoculation methods which are of value as diagnostic procedures. There will be included discussion of the clinical significance of findings. In addition, certain allergic phenomena will be presented in lecture and demonstration and their clinical relationship discussed.

In each of the terms of the third year, one third of the class will be 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 the epidermological 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 and Deitrick. 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 the house staff. Additional teaching consists in daily teaching rounds with the visiting 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 one month under the direction of Dr. Reznikoff and Dr. Bunn in the out-patient department of New York Hospital, where they are assigned in small groups to sections in general medicine and clinics devoted to some of the medical specialties. Other special departments of the clinic such as physiotherapy, and dietotherapy, are open to the fourth year clerks. The other month of the term is spent in substitution at New York or Bellevue Hospitals or in work in special clinics. 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 in contact with the ambulatory patient with 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.

TROPICAL MEDICINE

One hour a week throughout the third year is devoted to instruction in tropical medicine. These hours are occupied mainly with formal lectures, designed to link the clinical features of these diseases with knowledge of their parasitic origins and their epidemiology. In this the members of the Departments of Medicine, Pathology, and Preventive Medicine collaborate closely. They have been assisted by a number of distinguished lecturers from other institutions, notably Dr. Henry Meleney of New York University, Dr. Max Theiler and Dr. Eugene Opie of the Rockefeller Institute for Medical Research and Dr. Harold W. Brown of the College of Physicians and Surgeons, Columbia University. In addition to didactic lectures, provision is made for review of the procedures in clinical pathology related to the diagnosis of tropical diseases.

Through the conferences of the Department of Medicine, cases of tropical diseases which are encountered in the various pavilions and out patient services of the New York Hospital are presented for teaching purposes.

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 years 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 afternoons—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 Obstetrics and Gynecology.
BYRON H. GOFF, Associate Professor of Clinical Obstetrics and Gynecology.
WILLIAM P. HEALY, Associate Professor of Clinical Obstetrics and Gynecology.
ANDREW A. MARCHETTI, Associate Professor of Obstetrics and Gynecology.
HERVEY C. WILLIAMSON, Associate Professor of Clinical Obstetrics and Gynecology.
LUCIUS A. WING, Associate Professor of Clinical Obstetrics and Gynecology.
W. HALL HAWKINS, Assistant Professor of Clinical Obstetrics and Gynecology.
HOWARD S. McCANDLISH, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN A. O'REGAN, Assistant Professor of Clinical Obstetrics and Gynecology.
MEYER ROSENZOHN, Assistant Professor of Clinical Obstetrics and Gynecology.
ROBERT E. AHEARN, Instructor in Obstetrics and Gynecology.
ROY W. BONSNES, Instructor in Obstetrics and Gynecology (Biochemistry).
WILLIAM H. CARY, Instructor in Obstetrics and Gynecology.
JOHN T. COLE, Instructor in Obstetrics and Gynecology.
OGDEN F. CONKEY, Instructor in Obstetrics and Gynecology.
ROBERT L. CRAIG, Instructor in Obstetrics and Gynecology.
EDWARD H. DENNEN, Instructor in Obstetrics and Gynecology.
LYNN L. FULKERSON, Instructor in Obstetrics and Gynecology.
ARTHUR V. GREELEY, Instructor in Obstetrics and Gynecology.
KATHERINE KUDER, Instructor in Obstetrics and Gynecology.
CHARLES M. McLANE, 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.
WILLIAM B. STROMME, Instructor in Obstetrics and Gynecology.
JAMES D. BREW, JR., Assistant in Obstetrics and Gynecology.
WILBUR M. DIXON, Assistant in Obstetrics and Gynecology.
WILLIAM P. GIVEN, Assistant in Obstetrics and Gynecology.

CURTIS L. MENDELSON, Assistant in Obstetrics and Gynecology.
E. FLETCHER SMITH, Assistant in Obstetrics and Gynecology.
P. WOODBURY SMITH, Assistant in Obstetrics and Gynecology.
CHARLES T. SNYDER, Assistant in Obstetrics and Gynecology.
CARR A. TREHERNE, Assistant in Obstetrics and Gynecology.
HOWARD L. WILCOX, Assistant in Obstetrics and Gynecology.
BRUCE F. P. WILLIAMS, Assistant in Obstetrics and Gynecology.

GENERAL STATEMENT

FACILITIES: The Woman's Clinic of the New York Hospital provides 128 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 4000 patients a year, while the gynecological section admits about 1500 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 Saturdays 12-1 p.m., throughout the year, to the whole class. Professors STANDER, DOUGLAS, HARRAR, MARCHETTI, and WILLIAMSON. Total hours, 72.

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 manikin 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 MARCHETTI. Total hours, 69 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.
JACOB FURTH, Professor of Pathology.
CORNELIUS P. RHOADS, Professor of Pathology.
LEWIS D. STEVENSON, Associate Professor of Pathology.
CURTIS M. FLORY, Assistant Professor of Pathology.
JULES FREUND, Assistant Professor of Pathology.
CHARLES T. OLCOTT, Assistant Professor of Pathology.
PAUL F. DEGARA, Instructor in Pathology.
MILTON HELPERN, Instructor in Pathology.
NORMON S. COOPER, Assistant in Pathology.
IRENA KOPROWSKA, Research Assistant in Pathology.
HELENE M. TOOLAN, Research Assistant 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 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 first, second, and third terms of the second year. Gross and histological lesions, their pathogenesis and correlation with disturbed function are studied. Lectures and class room demonstrations are supplemented by study of gross pathology 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 first, second, and third terms of the second year.

Professors KIDD, FURTH, 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 disease 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 106 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 (Psychiatry).
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.
LEONA BAUMGARTNER, Assistant Professor of Clinical Pediatrics.
CLEMENT B. P. COBB, Assistant Professor of Clinical Pediatrics.
MARGARET DANN, Assistant Professor of Pediatrics.
ROBERT O. DU BOIS, Assistant Professor of Clinical Pediatrics.
MARTIN J. GLYNN, JR., Assistant Professor of Pediatrics.
HELEN HARRINGTON, Assistant Professor of Clinical Pediatrics.
*HAROLD E. HARRISON, Assistant Professor of 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.
CARL H. SMITH, Assistant Professor of Clinical Pediatrics.
MYRON E. WEGMAN, Assistant Professor of Clinical Pediatrics.
MARJORIE A. WHEATLEY, Assistant Professor of Clinical Pediatrics.
EVELYN J. BASILE, Instructor in Pediatrics.
NATHALIE J. BROOKS, Instructor in Pediatrics.
PAUL F. DE GARA, Instructor in Pediatrics.
HELENE ELIASBERG, Instructor in Pediatrics.
ALAN W. FRASER, Instructor in Pediatrics.
OLGA B. FURTH, Instructor in Pediatrics.
SARAH H. HARDWICKE, Instructor in Pediatrics.
LEWIS H. KOPLIK, Instructor in Pediatrics.
MARION MCILVEEN, Instructor in Pediatrics.
LOIS M. SMEDLEY, Instructor in Pediatrics.
ALFRED J. VIGNEC, Instructor in Pediatrics.
MARTHA C. WAGER, Instructor in Pediatrics.
GEORGE M. WHEATLEY, Instructor in Pediatrics.
MARGARET E. GEIB, Assistant in Pediatrics.
MARY E. MERCER, Assistant in Pediatrics.
WARREN R. TEPPER, Assistant in Pediatrics.
JAMES L. TUCKER, Assistant in Pediatrics.
ELEANOR GALENSON, Fellow in Pediatrics.

*On leave of absence for military research.

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 disease peculiar to 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, 105.

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.

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 on week-ends. Total hours, 165.

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, Associate Professor of Pharmacology.

WALTER MODEL, Instructor in Pharmacology.

WALTER F. RIKER, JR., Instructor in Pharmacology.

JANET TRAVELL, Instructor in Pharmacology.

PAUL A. BUNN, Assistant in Pharmacology (Therapeutics).

DONALD A. CLARKE, 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.
ROBERT F. PITTS, Associate Professor of Physiology.
CHARLES O. WARREN, Assistant Professor of Physiology.
ROBERT S. ALEXANDER, Instructor in Physiology.
ROBERT FURCHGOTT, Instructor in Physiology.
WILLIAM A. GEOHEGAN, Instructor in Physiology.
JOHN MACLEOD, Instructor in Physiology.
HUGH DE HAVEN, Research Associate in Physiology.
†CARL M. HERGET, Assistant in Physiology.
WILLIAM D. LOTSPEICH, Assistant in Physiology.

FIRST YEAR. Lectures, laboratory demonstrations and conferences. Physiology of muscle and nerve, respiration, blood, heart, and circulation. The laboratory work one full day a week includes experiments on these subjects. 123 hours.

SECOND YEAR. Lectures, laboratory demonstrations, and conferences. Physiology of central nervous system, special senses, gland secretion and digestion, kidney, metabolism, and the endocrine organs. The laboratory exercises one full day a week deal with these subjects. 141 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.

†On leave of absence for military research.

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.
GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
ADE T. MILHORAT, Associate Professor of Medicine.
THOMAS A. C. RENNIE, Associate Professor of Psychiatry.
MILTON J. E. SENN, Associate Professor of Pediatrics.
HAROLD G. WOLFF, Associate Professor of Psychiatry.
CARL A. BINGER, Assistant Professor of Clinical Psychiatry.
EDWIN J. DOTY, Assistant Professor of Psychiatry.
GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.
NORVELLE C. LAMAR, Assistant Professor of Clinical Psychiatry.
JOHN H. TRAVIS, Assistant Professor of Clinical Psychiatry.
JAMES H. WALL, Assistant Professor of Clinical Psychiatry.
EDWARD B. ALLEN, Instructor in Psychiatry.
VALER BARBU, Instructor in Psychiatry.
A. LOUISE BRUSH, Instructor in Psychiatry.
HELEN E. DANIELLS, Instructor in Psychiatry.
JOHN E. HUGHES, Instructor in Psychiatry.
MABEL HUSCHKA, Instructor in Psychiatry.
HAROLD W. LOVELL, Instructor in Psychiatry.
LILLIAN MCGOWAN, Instructor in Psychiatry.
FRED V. ROCKWELL, Instructor in Psychiatry.
CHARLES D. RYAN, Instructor in Psychiatry.
DONALD J. SIMONS, Instructor in Psychiatry.
HANS SYZ, Instructor in Psychiatry.
J. LOUISE DESPERT, Research Associate in Psychiatry.
BELA MITTELMANN, Research Associate in Psychiatry.
EMIL OBERHOLZER, Research Associate in Psychiatry.
RALPH R. HARLOW, Assistant in Psychiatry.
ELIZABETH V. NEW, Assistant in Psychology.
EDA L. PRIEST, Assistant in Psychiatry.
JEROME L. SAPERSTEIN, Assistant in Psychiatry.
NOBE E. STEIN, 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, 24.

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, 36.

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, 70.

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.

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.

LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine.

HERBERT R. EDWARDS, Assistant Professor of Public Health and Preventive Medicine.

CARL MUSCHENHEIM, Assistant Professor of Public Health and Preventive Medicine.

MYRON E. WEGMAN, Assistant Professor of Public Health and Preventive Medicine.

CHARLES K. BOGOSHIAN, Instructor in Public Health and Preventive Medicine.

PHILIP OLLSTEIN, Instructor in Public Health and Preventive Medicine.

DENNIS R. A. WHARTON, Instructor in Public Health and Preventive Medicine (Parasitology).

PAUL B. GILLEN, Research Associate in Public Health and Preventive Medicine.

JOHN OPPIE 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 disease 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, 34.

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, with particular emphasis on milk sanitation. Housing is studied

in relation to its various social and hygienic aspects, as well as airborne infection and the problems of industrial hygiene. Three 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, food inspection, housing, the New York City Health Department's diagnostic laboratory service, and other pertinent matters. Total hours, 48.

THIRD YEAR

PREVENTIVE MEDICINE. The exercises are divided into three parts:

A. EPIDEMIOLOGY AND PUBLIC HEALTH ORGANIZATION. The lectures are given every Monday throughout the year from 12 to 1. They include a comprehensive discussion of the whole field of epidemiology, communicable disease control, and public health administration, giving special consideration to the place that the practicing physician occupies in health promotion and the prevention of disease.

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.

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.

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 ZOOLOGY AND 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. Hours to be arranged.

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, Assistant Professor of Radiology, Acting Head of Department.

ALFRED F. HOCKER, Assistant Professor of Radiology.

LEONIDAS D. MARINELLI, Assistant Professor of Radiology (Radiological Physics).

JOSEPH V. SULLIVAN, Assistant Professor of Radiology.

STEPHEN WHITE, Assistant Professor of Radiology.

JOHN FOSTER, Instructor in Radiology.

GEORGE JASPIN, Instructor in Radiology.

ALFRED W. KANY, Instructor in Radiology.

IRVING SCHWARTZ, Instructor in Radiology.

LUCILLE M. BOND, Lecturer in Radiology.

FREDERICH G. KAUTZ, 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 twelve lectures given to the entire Second Year Class. They 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. For the duration of the war, added attention will be given to the various aspects of Radiology as they apply to traumatic surgery. In the lectures 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. The student is encouraged to bring in radiographs of current cases under his observation on the pavilions and in the clinics. 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, as seen in Radiography and to show the result of Radiation Therapy.

Additional radiographic clinics are given to Third Year Students in Pediatrics, on the subject of Radiography as it applies particularly to 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. The student is given the 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

GEORGE J. HEUER, Professor of Surgery.
CHARLES E. FARR, Professor of Clinical Surgery.
N. CHANDLER FOOT, Professor of Surgical Pathology.
HENRY H. M. LYLE, Professor of Clinical Surgery.
JOHN M. McLEAN, Professor of Clinical Surgery (Ophthalmology).
EUGENE H. POOL, Professor of Clinical Surgery.
ALEXANDER R. STEVENS, Professor of Clinical Surgery (Urology).
FRANK E. ADAIR, Associate Professor of Clinical Surgery.
WILLIAM DEW. ANDRUS, Associate Professor of Surgery.
NELSON W. CORNELL, Associate Professor of Clinical Surgery (Orthopedics).
GUILFORD S. DUDLEY, Associate Professor of Clinical Surgery.
HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).
GERVAIS W. McAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).
ARTHUR PALMER, Associate Professor of Clinical Surgery (Otolaryngology).
BRONSON S. RAY, Associate Professor of Surgery.
FRED W. STEWART, Associate Professor of Surgical Pathology.
IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).
WILLIAM A. BARNES, Assistant Professor of Clinical Surgery.
BENJAMIN S. BARRINGER, Assistant Professor of Clinical Surgery (Urology).
MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).
ARCHIE L. DEAN, Assistant Professor of Clinical Surgery (Urology).
PAUL A. DINEEN, Assistant Professor of Clinical Surgery.
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).
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).
VICTOR F. MARSHALL, Assistant Professor of Clinical Surgery (Urology).
HAYES MARTIN, Assistant Professor of Clinical Surgery.
GEORGE T. PACK, Assistant Professor of Clinical Surgery.
E. COOPER PERSON, JR., Assistant Professor of Clinical Surgery.
MARY WARD, Assistant Professor of Surgery (Anesthesia).
JACOB APPLEBAUM, Instructor in Surgery (Otolaryngology).
WILLIAM H. AYRES, Instructor in Surgery (Otolaryngology).

ANNE S. BELCHER, Instructor in Surgery (Otolaryngology).
EDWARD C. COATS, Instructor in Surgery (Urology).
ARTHUR D. CONSOLE, Instructor in Surgery.
JOHN J. CREEDON, Instructor in Surgery.
WILLIAM P. DAVEY, Instructor in Surgery (Otolaryngology).
MICHAEL R. DEDDISH, Instructor in Surgery.
JAMES A. DINGWALL, 3rd, Instructor in Surgery.
EDWARD A. DUNLAP, Instructor in Surgery (Ophthalmology).
CHARLES P. ELSBERG, Instructor in Surgery (Ophthalmology).
THOMAS J. GARRICK, Instructor in Surgery (Otolaryngology).
DAN M. GORDON, Instructor in Surgery (Ophthalmology).
CHARLES S. JONES, Instructor in Surgery.
JOSEPH E. J. KING, Instructor in Surgery.
ANNE E. KUHNER, Instructor in Surgery (Urology).
FREDERICK C. McLELLAN, Instructor in Surgery (Urology).
HERBERT C. MAIER, Instructor in Surgery.
BERNARD MAISEL, Instructor in Surgery.
EDMONDE D. NEER, Instructor in Surgery (Otolaryngology).
ERIC C. RICHARDSON, Instructor in Surgery (Ophthalmology).
HERBERT J. RIEKERT, Instructor in Surgery.
PAUL J. SOLEY, Instructor in Surgery (Urology).
NORMAN TREVES, Instructor in Surgery.
ROSE ANDRE, Assistant in Surgery.
HAROLD S. AUERHAN, Assistant in Surgery.
DAVID M. BARTON, Assistant in Surgery.
SAM R. BURNETT, Assistant in Surgery.
ARMIN A. DARMSTAETTER, JR., Assistant in Surgery.
HOWARD S. DUNBAR, Assistant in Surgery.
WARREN F. EBERHART, Assistant in Surgery.
N. MILES FELLOWS, Assistant in Surgery.
ROBERT K. FELTER, Assistant in Surgery.
D. REES JENSEN, Assistant in Surgery.
DAVID M. LIM-YUEN, Assistant in Surgery.
FRANCES W. LOVEJOY, Assistant in Surgery.
ROSS S. McELWEE, JR., Assistant in Surgery.
ELIZABETH M. MACNAUGHER, Assistant in Surgery (Ophthalmology).
JOHN S. MARTIN, Assistant in Surgery (Otolaryngology).
GUY B. MAYNARD, JR., Assistant in Surgery.
LEOPOLD MEHLER, Assistant in Surgery (Otolaryngology).
CHARLES NEUMANN, Assistant in Surgery.
OLIVER J. PURNELL, JR., Assistant in Surgery.
MORRIS SCHNITTMAN, Assistant in Surgery (Urology).
WILLIAM C. VON DER LIETH, Assistant in Surgery.
RUTH S. HOFFMAN, Research Fellow 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, 33.

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.

Total Hours: 370.

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, and during the present emergency at least, proper emphasis will be placed on traumatic or war surgery, including injuries of special regions such as the chest, abdomen, and skull. Particular attention will be directed toward wound healing, shock, the treatment of burns, and the emergency treatment of compound fractures.

Total Hours: 329.

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, intra-ocular tumors, tuberculosis, injuries, and sympathetic ophthalmia. Introduction to special diagnostic techniques, particularly use of the ophthalmoscope, is given at this time.

In the term of the third year assigned to surgery 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 spend a period of time examining patients in the Clinic of the New York Eye and Ear Infirmary.

ORTHOPEDIC SURGERY

During the term in surgery of the third year there are a number of formal exercises in this subject which serve as an introduction to the clinical work. In the remaining part of the surgical teaching in the third and fourth years supplemental instruction is given in orthopedics by the presentation of interesting cases in either the wards and Out-Patient Department of the New York Hospital, or the wards of Bellevue Hospital.

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 approved medical schools and who have completed one year's internship in an approved hospital. The course has had to be modified as a result of the war and the period of training shortened. Detailed information regarding this course will be furnished on request by the head of the surgical department.

Military Medicine

PHILIP B. CONNOLLY, Lieut. Colonel, M.C. U. S. A. Commandant, 1282nd Service Command Unit, Professor of Military Science and Tactics.

A progressive four-year course in military medicine is given to all students who are members of the Enlisted Reserve Corps, Army of the United States, on duty at this school. Graduates, on completion of the course, are discharged from the Enlisted Reserve Corps and are then commissioned in the Army of the United States with the grade of 1st Lieutenant, Medical Corps.

This 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 and administration of the Army, particular attention being paid to the organization of the Medical Department, military courtesies and customs of the service, military law and map reading, and medical administration in mobile units. In the second year, instruction is given by lectures and the exhibition of training films, in the functions and operations of the arms and services, the solution of map problems teaching the use of Medical Department troops serving with the other arms and services in simulated campaign. In the third year the subjects are: prevention and control of communicable diseases, military sanitation and first aid, food and water and their relation to disease, and the medical aspects of chemical warfare. The fourth year is devoted to medico-military history, leadership, the conduct of physical examinations, medical and surgical diseases peculiar to war, the organization and employment of the Medical Service of a division and larger forces, the rules of land warfare, property accounting, and the rights, privileges, and duties of officers of the Reserve Corps.

TABLE OF REQUIRED HOURS

	<i>First</i> Year	<i>Second</i> Year	<i>Third</i> Year	<i>Fourth</i> Year	<i>Total</i>
ANATOMY.....	432				
HISTOLOGY AND EMBRYOLOGY.....	213				
NEURO-ANATOMY.....	91				736
BIOCHEMISTRY.....	257				257
BACTERIOLOGY.....	58	105			163
PHYSIOLOGY.....	123	141			264
PATHOLOGY.....		348			348
PHARMACOLOGY.....		114	24		138
MEDICINE:					
PHYSICAL DIAGNOSIS.....		141			
CLINICAL PATHOLOGY.....		106			
NEUROLOGY.....		36			
TROPICAL MEDICINE.....			21		
SPECIALTIES, CLERKSHIP AND OPD.			334	329	
LECTURES.....		23	48		1038
SURGERY:					
OPHTHALMOLOGY.....		23			
OPERATIVE SURGERY.....		33			
SPECIALTIES, CLERKSHIP AND OPD.			334	329	
LECTURES.....			36		755
OBSTETRICS AND GYNECOLOGY:					
BACTERIOLOGY AND PATHOLOGY...		33			
PRACTICAL INSTRUCTION.....			69	365	
LECTURES AND DEMONSTRATIONS..			72		539
PEDIATRICS:					
PRINCIPLES OF NUTRITION.....		11			
PRACTICAL INSTRUCTION.....			69	165	
LECTURES.....			36		281
PSYCHIATRY:					
PSYCHOBIOLOGY.....	23				
PSYCHIATRY.....		36	34	61	
LECTURES.....			36		190
PUBLIC HEALTH:					
PARASITOLOGY.....		34			
FIELD AND SECTION WORK.....		36	34		
LECTURES.....		12	72		188
RADIOLOGY.....		11			11
ELECTIVE HOURS.....			(69)	(144)	
TOTALS.....	1197	1243	1219	1249	4908

() Elective time not included in totals.

FIRST YEAR SCHEDULE 1945-46

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.)	Mil. Med.	Anatomy	
3-4				Biochemistry		
4-5						

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

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

*Approximately 7 sessions Anatomy and 4 Histology.

†Military Medicine 8-9 A.M. Mondays and Fridays. Required of all students under A.S.T.P.

††Navy training 8-9 A.M. Fridays.

**When Scheduled.

() When Scheduled.

SECOND YEAR SCHEDULE 1945-46

Hours	Monday	Tuesday†	Wednesday	Thursday	Friday††	Saturday†
9-10	Physiology	Physiology	Physiology	Pharmacology	Physiology	Pharmacology
10-11			Pharmacology			
11-12	Radiology		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						
4-5			(Spec. Lect.)			

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

() When Scheduled.

†Military Medicine 8-9 A.M., Tuesdays, Fridays, and Saturdays. Required of all students under A.S.T.P.

††Navy training 8-9 A.M. Fridays.

THIRD YEAR SCHEDULE

1945-46

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

¹Twenty-one lectures scheduled during the year.

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

†Military Medicine 8-9 A.M., Tuesdays, Wednesdays, and Fridays. Required of all students under A.S.T.P.

††Navy training 8-9 A.M. Fridays.

FOURTH YEAR SCHEDULE

1945-46

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

DETAILED SCHEDULE—ELECTIVES AND PSYCHIATRY

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

() When Scheduled.

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

†Military Medicine 8-9 A.M., Wednesdays, Thursdays, and Fridays. Required of all students under A.S.T.P.

††Navy training 8-9 A.M. Fridays.

¹Pediatrics full time for one month.

²Elective courses forenoons for one month.

³Psychiatry afternoons for one month.

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 \$100 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 \$11 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 \$20 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.

INTERNSHIP APPOINTMENTS, CLASS OF JUNE 1945

William E. Achilles, Jr.	Robert Packer Hospital, Sayre, Pa.
Burton August	New York Hospital, New York, N. Y.
Charles A. Bailey	Boston City Hospital, Boston, Mass.
George B. Banister	Post-Graduate Hospital, New York, N. Y.
Irving Baras	Mount Sinai Hospital, New York, N. Y.
Hugh N. Bennett	New York Hospital, New York, N. Y.
Frank E. Bixby, Jr.	Bellevue Hospital, New York, N. Y.
Randall W. Briggs	Bellevue Hospital, New York, N. Y.
Charlotte R. Brown	Bellevue Hospital, New York, N. Y.
David S. Brown	Bellevue Hospital, New York, N. Y.
William H. Burke	Memorial Hospital, New York, N. Y.
Foo Chu	Bellevue Hospital, New York, N. Y.
Robert S. Cleaver	Grasslands Hospital, Valhalla, N. Y.
Harold J. Delchamps, Jr.	New York Hospital, New York, N. Y.
William P. Doremus, Jr.	Lenox Hill Hospital, New York, N. Y.
Edward K. DuVivier	New York Hospital, New York, N. Y.
George E. Eddins, Jr.	Hartford Hospital, Hartford, Conn.
Howard M. Edwards, Jr.	Methodist Hospital, Brooklyn, N. Y.
Forrest C. Eggleston	Bellevue Hospital, New York, N. Y.
Robert C. Emmel	New York Hospital, New York, N. Y.
Donald G. Fahy	Hartford Hospital, Hartford, Conn.
Paul R. Foote	Strong Memorial Hospital, Rochester, N. Y.
George T. Grimmer	Grasslands Hospital, Valhalla, N. Y.
Hugh Halsey, II	Bellevue Hospital, New York, N. Y.
James G. M. Harper	Methodist Hospital, Brooklyn, N. Y.
Jay F. Harris	Post-Graduate Hospital, New York, N. Y.
Robert W. Hart	Long Island College Hospital, Brooklyn, N. Y.
Richard B. Harvey	Massachusetts General Hospital, Boston, Mass.
John W. Higgins	New Haven Hospital, New Haven, Conn.
David L. Hoffman	Mary Hitchcock Memorial Hospital, Hanover, N. H.
Byron E. Howe, Jr.	New York Hospital, New York, N. Y.
Gordon W. Howe	Lenox Hill Hospital, New York, N. Y.
Howard S. Jeck, Jr.	New York Hospital, New York, N. Y.
Walter R. Johnson	Long Island College Hospital, Brooklyn, N. Y.
Douglas E. Johnstone	New York Hospital, New York, N. Y.
Rudolph W. Jones, Jr.	Bellevue Hospital, New York, N. Y.
Donald S. Kent	Mount Sinai Hospital, New York, N. Y.
Philip A. Kilbourne	Evans Memorial Hospital, Boston, Mass.
Gerald H. Klingon	Salt Lake County General Hospital, Salt Lake City, Utah
Mitchell Kohn, Jr.	Grasslands Hospital, Valhalla, N. Y.
Anthony T. Ladd	Vanderbilt University Hospital, Nashville, Tenn.
Hugh F. Lena, Jr.	University of Michigan Hospital, Ann Arbor, Mich.
W. Heywood Loery	Boston City Hospital, Boston, Mass.
William H. Lohman, Jr.	Brooklyn Hospital, Brooklyn, N. Y.
George M. Longbothum	New York Hospital, New York, N. Y.
Frederick D. McCandless	Albany Hospital, Albany, N. Y.
Herbert I. McCoy	New York Hospital, New York, N. Y.
James A. McLeod	Bellevue Hospital, New York, N. Y.
Donald W. Maclean	Bellevue Hospital, New York, N. Y.
Merle M. Mahr	New York Hospital, New York, N. Y.
Richard A. Malmgren	Grasslands Hospital, Valhalla, N. Y.
Phyllis R. Mann	Children's Hospital, Boston, Mass.
Earle D. Mason	Massachusetts General Hospital, Boston, Mass.
William R. Maurer, Jr.	Bellevue Hospital, New York, N. Y.

Richard B. Maxwell, Jr.
 Alton Meister
 Andrew L. Morgan
 Charles R. Parker
 George F. Parton, Jr.
 Mary Ann Payne
 Robert M. Quay
 William C. Robbins
 George Robinson
 Henry M. Rodney
 Harry A. Schroer
 Irving L. Selvage, Jr.
 William R. Shera
 Sherborne B. Simonds
 Arthur C. Smith, Jr.
 John J. Snodgrass
 John S. Stewart, Jr.
 Emily B. Townsend
 Parker Vanamee
 Frank C. Vogt
 Warren H. Walker
 Charles A. Werner
 Robert W. Williams
 Thomas H. Williams
 Edward A. Williford, Jr.

New York Hospital, New York, N. Y.
 New York Hospital, New York, N. Y.
 Lenox Hill Hospital, New York, N. Y.
 Robert Packer Hospital, Sayre, Pa.
 Grasslands Hospital, Valhalla, N. Y.
 New York Hospital, New York, N. Y.
 Orange Memorial Hospital, Orange, N. J.
 Barnes Hospital, St. Louis, Mo.
 Mount Sinai Hospital, New York, N. Y.
 Bellevue Hospital, New York, N. Y.
 Lincoln Hospital, New York, N. Y.
 Orange Memorial Hospital, Orange, N. J.
 Hartford Hospital, Hartford, Conn.
 Bellevue Hospital, New York, N. Y.
 Bellevue Hospital, New York, N. Y.
 Mary Imogene Bassett Hospital, Cooperstown, N. Y.
 New York Hospital, New York, N. Y.
 Bellevue Hospital, New York, N. Y.
 Rhode Island Hospital, Providence, R. I.
 Brooklyn Hospital, Brooklyn, N. Y.
 Syracuse Hospital, Syracuse, N. Y.
 New York Hospital, New York, N. Y.
 Memorial Hospital, New York, N. Y.
 Grady Memorial Hospital, Atlanta, Ga.
 Geisinger Memorial Hospital, Danville, Pa.

STUDENTS, 1945-46

FOURTH YEAR

Bruce Allan Allison, A.B., 1943, Montana State University	Missoula, Mont.
Ellsworth Chapman Alvord, Jr., B.S., 1944, Haverford College	Washington, D. C.
Seward Jerome Baker, B.S., 1942, Yale University	New York, N. Y.
Frederick Norris Bailey, A.B., 1944, Cornell University	Glen Ridge, N. J.
Howard David Balensweig, B.S., 1943, Yale University	Woodmere, N. Y.
Philip Gowans Beal, Cornell University	Richfield, Utah
William Harrison Bell, Jr., B.S., 1944, University of North Carolina	Newport, N. C.
John Joseph Bowe, A.B., 1944, College of the City of New York	New York, N. Y.
Donald Love Burnham, A.B., 1943, Dartmouth College	Lebanon, N. H.
André Stephan Capidaglis, A.B., 1944, Cornell University	Bronxville, N. Y.
Scott Peters Christensen, University of Utah	Brigham City, Utah
Ralph William Clements, A.B., 1944, Cornell University	Douglaston, N. Y.
George Vincent Coleman, Jr., Holy Cross College	Providence, R. I.
Harold Niles Cooley, A.B., University of Alabama	Birmingham, Ala.
Charles Herbert Crane, Wesleyan University	Newark, N. J.
Henry DeVoe Crane, Jr., Colgate University	Binghamton, N. Y.
James Alymer Doucett, Jr., Amherst College	Scarsdale, N. Y.
Arthur Brooks DuBois, Harvard University	New York, N. Y.
Merlin Kearfott DuVal, Jr., A.B., 1943, Dartmouth College	Montclair, N. J.
Franklin Gessford Ebaugh, Jr., A.B., 1944, Dartmouth College	Denver, Colo.
David Salisbury Ellison, B.S., 1942, Rensselaer Polytechnic Institute	Albany, N. Y.
Louis Arthur Fairchione, Cornell University	Waterloo, N. Y.
Raymond Durston Fear, A.B., 1944, Cornell University	Ithaca, N. Y.
Francis Xavier Fellers, Amherst College	Amherst, Mass.
Oscar Lionel Frick, A.B., 1944, Cornell University	West Englewood, N. J.
Cyrus Robert Friedman, A.B., 1944, Cornell University	Brooklyn, N. Y.
Francis John Gilroy, A.B., 1943, Fordham University	Edgewater, N. J.
Stanley Bertram Gittelson, A.B., 1943, Cornell University	Brooklyn, N. Y.
William Leonard Greene, Cornell University	Newburgh, N. Y.
Sanford Warren Harvey, Wesleyan University	Middletown, Conn.
Theodore Edwin Hauser, Cornell University	New York, N. Y.
Jacob William Heins, B.S., 1935, College of the City of New York	Darien, Conn.
Charles Frederick Hesselbach, A.B., 1944, Cornell University	Elizabeth, N. J.
Robert George Hicks, New York University	New York, N. Y.
Thomas Cruikshank Hill, Jr., B.S., 1943, Antioch College	Norfolk, Va.
Gilbert Houston, III, Cornell University	West Warwick, R. I.
Joseph Edward Kalbacher, B.S., 1944, Yale University	Hamden, Conn.
Alfred Miller Keirle, A.B., 1944, Colgate University	Hazleton, Pa.
Howard Joseph Kessler, Amherst College	New York, N. Y.
William Frederick Kroener, Jr., A.B., 1944, Stanford University	Whittier, Calif.
John Frederick Lee, B.S., 1944, Bowdoin College	Greenwich, Conn.
John Robert Lee, Jr., A.B., 1944, Columbia University	Brooklyn, N. Y.
Jerrold Stanley Lieberman, A.B., 1943, Cornell University	New York, N. Y.
Jim Frederick Lincoln, A.B., 1941, Stanford	Santa Paula, Calif.
James Renwick McCarroll, A.B., 1942, Colby College	Ridgewood, N. J.
Peter John McDonnell, A.B., 1943, St. Peter's College	Paterson, N. J.
William Donaldson McLarn, A.B., 1944, Columbia University	Manhasset, N. Y.
Lyman Maass, A.B., 1942, University of California	Berkeley, Calif.
Robert Edwin Martin, Brown University	Providence, R. I.
Gordon Merriam, B.S., 1944, Yale University	West Orange, N. J.
†Walter Taylor Miller, University of Aberdeen	Stonehaven, Scotland

†Rockefeller Foundation student.

- Charles William Moffett, Jr., A.B., 1943, University of Alabama
 Harold Clowdus Murphree, Asbury College
 Warren Byrne Nestler, A.B., 1944, Columbia University
 Edward Walter Dillon Norton, A.B., 1943, Harvard University
 Everett Arnold Orbeton, A.B., 1943, Bowdoin College
 Frank John Palumbo, A.B., 1944, Cornell University
 Charles Edward Pierson, A.B., 1943, Colgate University
 Helen Ramspeck Poucher, B.S., 1943, New Jersey College for Women
 Robert Kay Quinnell, University of North Carolina
 Wallace James Redner, Villanova College
 Walter John Richar, Columbia University
 William Donald Rolph, Jr., B.S., 1943, Calif. Inst. of Technology
 George Frederick Sager, A.B., 1943, Bowdoin College
 Arthur Schwartz, A.B., 1944, Cornell University
 Milton Shoshkes, A.B., 1944, Cornell University
 Harry Addison Sinclair, A.B., 1943, Amherst College
 Stanley Edward Smith, Jr., Cornell University
 Alexander Raymond Stevens, Jr., A.B., 1943, Yale University
 Franklin Hugh Streifeld, A.B., 1943, Columbia University
 John Joseph Sullivan, Jr., B.S., 1943, Massachusetts Inst. of Tech.
 Robert William Tawse, A.B., 1944, Denison University
 Stephen Marsh Tenney, A.B., 1943, Dartmouth College
 David Duvall Thompson, A.B., 1944, Cornell University
 Joseph George Tift, A.B., 1944, Colgate University
 Roe Edwin Wells, Jr., A.B., 1944, Cornell University
 Daniel Harris Welner, A.B., 1944, Cornell University
 Roy Glen Wiggans, Jr., Cornell University
 Hudson Jennings Wilson, A.B., 1944, Dartmouth College
 George Washington Wood, III, B.S., 1943, University of Florida
 John Alden Woodcock, A.B., 1943, Bowdoin College
 Winter Park, Fla.
 New York, N. Y.
 New Rochelle, N. Y.
 Egypt, Mass.
 Bangor, Maine
 Niagara Falls, N. Y.
 Nutley, N. J.
 Plainfield, N. J.
 Carlisle, Pa.
 Philadelphia, Pa.
 Lyndhurst, N. J.
 National City, Calif.
 Portland, Maine
 New York, N. Y.
 Newark, N. J.
 Rutherford, N. J.
 Cooks Falls, N. Y.
 Forest Hills, N. Y.
 New York, N. Y.
 Watertown, N. Y.
 Mansfield, Ohio
 Bloomington, Ill.
 Ithaca, N. Y.
 Westfield, N. J.
 Washington, D. C.
 Albany, N. Y.
 Ithaca, N. Y.
 Ithaca, N. Y.
 Coral Gables, Fla.
 Bangor, Maine

THIRD YEAR

- Gerard James Aitken, Jr., A.B., 1944, Cornell University
 Richard Morris Alexander, A.B., 1943; M.A., 1943, Cornell Univ.
 Charles Allen Ashley, A.B., 1944, Cornell University
 Kent Franke Balls, Haverford College
 William Jacob Beard, B.S., 1944, Muhlenburg College
 Carol Helene Brach, A.B., 1943, Cornell University
 Richard Braddock Brown, A.B., 1941, M.A., 1943, Wesleyan Univ.
 Christopher Bull, A.B., 1943, Cornell University
 Thomas Walter Caldrony, Middlebury College
 Thomas Wood Carr, B.S., 1945, College of the City of New York
 Robert Allen Clark, Jr., Emory University
 John Allen Clements, Cornell University
 David Austin Cofrin, A.B., 1944, Cornell University
 Jonathan Otis Cole, Harvard University
 Samuel Owen Cornwell, B.S., 1944, University of North Carolina
 Harry DePan, Williams College
 Paul Albinus Peter Dineen, Yale University
 Rodney Helder Dusinberre, Cornell University
 Charles Frederick Dyer, Tufts College
 Richard Warren Eells, A.B., 1945, Columbia University
 Aaron Hirsh Esmen, A.B., 1944, Cornell University
 Robert Bernard Fath, Fordham University
 Robert Henry Frankenfeld, A.B., 1944, Cornell University
 Robert Francis Freeman, B.S., 1944, Michigan State College
 William Joseph Gallagher, Jr., A.B., 1943, Holy Cross College
 Thomas Jacques Gilmour, Jr., Cornell University
 Forest Hills, N. Y.
 Binghamton, N. Y.
 Bronxville, N. Y.
 Washington, D. C.
 Valley Stream, N. Y.
 East Orange, N. J.
 Philadelphia, Pa.
 Ithaca, N. Y.
 Ridgefield Park, N. J.
 Brooklyn, N. Y.
 Atlanta, Ga.
 Auburn, N. Y.
 Green Bay, Wis.
 Cambridge, Mass.
 Chapel Hill, N. C.
 Glens Falls, N. Y.
 New York, N. Y.
 Ithaca, N. Y.
 New London, Conn.
 Denville, N. J.
 Pittsburgh, Pa.
 New York, N. Y.
 Buffalo, N. Y.
 Flint, Mich.
 St. Louis, Mo.
 Keansburg, N. J.

- Joseph Lawrence Gluck, Cornell University
 Ernest Gosline, Cornell University
 William James Grant, A.B., 1944, Cornell University
 Samuel Hutson Hale, B.S., 1943, University of Arizona
 Richard Bothwell Hamilton, A.B., 1944, Princeton University
 William Kendrick Hare, A.B. 1932, M.S. 1934, University of Alabama;
 Ph.D., 1936, Northwestern University
 Robert Dean Harwick, Cornell University
 James Dutney Hayes, Cornell University
 Thomas Reed Hedges, A.B., 1944, Ohio State University
 Thomas Henry Hoover, Williams College
 Hiester Richard Hornberger, Jr., Bowdoin College
 Marvin Leroy Huyck, A.B., 1944, Cornell University
 John Alfred Jacques, Cornell University
 Robert Richard Johnson, Cornell University
 Frederick Theodore Kirkham, Jr., Cornell University
 Robert Galen Knight, A.B., 1944, Harvard University
 Susannah Ruth Krehbiel, A.B., 1943, Cornell University
 Charles Aubrey Le Maistre, A.B., 1944, University of Alabama
 Dorothy Elizabeth McCann, Wellesley College
 Thomas Patrick McCann, Fordham University
 Fletcher Hughes McDowell, A.B., 1944, Dartmouth College
 Arthur Edward McElfresh, Jr., Cornell University
 George Roger McNear, A.B., 1944, Cornell University
 Harold Edwin Marden, Dartmouth College
 Sarah Matteson, A.B., 1943, Bryn Mawr College
 Thomas Wilson Meldrum, Haverford College
 John Jacob Meyerdireks, Muhlenberg College
 Mary Martha Middlebrook, A.B., 1943, Vassar College
 William Stephen Montgomery, A.B., 1943, Colgate University
 Grover Cleveland Murchison, Jr., A.B., 1944, University of Alabama
 James William Murphy, Harvard University
 William John Murray, Jr., Amherst College
 Robert Armstrong Nelson, Jr., B.S., 1943, University of Notre Dame
 Nelson Robinson Niles, Princeton University
 Richardson Kilbourne Noback, Columbia University
 Robert Chapin Partenheimer, Amherst College
 Jerome Peacock, A.B., 1944, Dartmouth College
 Fred Plum, A.B., 1944, Dartmouth College
 Donald Pyle, Princeton University
 Charles Frederick Reeder, B.S. 1942, M.S., 1943, Juniata College
 Cornell University
 Walter Anderson Reiter, Jr., Cornell University
 Jacob Robbins, A.B., 1944, Cornell University
 John Thornton Rogers, Cornell University
 Harold Wilbur Schell, Jr., Cornell University
 Robert Joseph Schlitt, A.B., 1943, Holy Cross College
 Lester Jules Schnell, Jr., A.B., 1943, Wesleyan University
 Boris Schwartz, A.B., 1943, Cornell University
 Gilbert Irving Smith, Cornell University
 Peter William Stone, Cornell University
 Frances Elizabeth Thomsen, A.B., 1944, Smith College
 Peter Samuel Tolins, A.B., 1944, Cornell University
 James Michael Toblan, A.B., 1943, St. Peters College
 Claude Orian Truss, B.S., 1943, Birmingham-Southern College
 Robert Bruce Wallace, Cornell University
 Robert Eaton Wolf, Cornell University
 Norman Bernard Yourish, A.B., 1943, Cornell University
 Tuckahoe, N. Y.
 Utica, N. Y.
 Clayton, N. Y.
 Phoenix, Ariz.
 East Orange, N. J.
 Browns, Alabama
 Barneveld, N. Y.
 Pittsburgh, Pa.
 Sandusky, Ohio
 North Canton, Ohio
 Waldoboro, Me.
 Walton, N. Y.
 New York, N. Y.
 Newcomb, N. Y.
 San Antonio, Texas
 Scarsdale, N. Y.
 New Rochelle, N. Y.
 Tuscaloosa, Alabama
 Rochester, N. Y.
 Elmhurst, N. Y.
 Denver, Colorado
 Greenwich, Conn.
 Los Angeles, Calif.
 Albany, N. Y.
 Cambridge, Mass.
 Haverford, Pa.
 Saddle River, N. J.
 Malba, N. Y.
 Newburgh, N. Y.
 Montgomery, Ala.
 Brooklyn, N. Y.
 New London, Conn.
 Auburn, N. Y.
 New York, N. Y.
 Forest Hills, N. Y.
 Westfield, N. J.
 Honolulu, Hawaii
 Margate, N. J.
 Jersey City, N. J.
 Everett, Pa.
 Summit, N. J.
 Yonkers, N. Y.
 Detroit, Mich.
 New York, N. Y.
 Jersey City, N. J.
 Mt. Vernon, N. Y.
 Passaic, N. J.
 San Marino, Calif.
 Great Kills, N. Y.
 New Canaan, Conn.
 Long Beach, N. Y.
 Bayside, N. Y.
 Birmingham, Ala.
 Camillus, N. Y.
 Ithaca, N. Y.
 Chicago, Ill.

SECOND YEAR

- William David Arnold, A.B., 1945, Colgate University
 Carlos Enrique Bertran, A.B., 1945, Cornell University
 Frank Luther Bird, 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
 Hector Mason Brown, B.S., 1945, University of Washington
 Mary Suzanne Chadwick, A.B., 1944, Bryn Mawr College
 James Melvin Colville, Michigan State College
 Albert Burchfield Craig, Jr., Princeton University
 Arthur Newton Dadirrian, 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., Yale University
 Gerald Lester Eastman, Columbia University
 Joseph Adrian Elliott, A.B., 1943, Western Maryland College
 Donald Stephen Ellis, Holy Cross College
 Donald Francis Farrell, Columbia University
 Manuel Furer, A.B., 1944, Cornell University
 Richard Horace Granger, Antioch College
 Ray Allen Haag, University of Washington
 Douglas Arbuckle Haddow, Amherst College
 Bobby Charles Hardy, Southern Methodist University
 Janet Kelman Hayes, A.B., 1944, Wellesley 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
 Edwin Monroe Knights, Jr., Brown University
 Sheldon Cecil Kravitz, A.B., 1945, Cornell University
 Roy Joseph Kuffner, B.S., 1944, College of the Ozarks
 Sherman Kupfer, Cornell University
 George Earl LaCroix, Cornell University
 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, 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
 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
 Kingston, N. Y.
 Santurce, P. R.
 Netcong, N. J.
 Peekskill, N. Y.
 Lynbrook, N. Y.
 Columbus, Ohio
 Washington, D. C.
 Seattle, Wash.
 Bronxville, N. Y.
 Royal Oak, Mich.
 Sewickley, Pa.
 Lynbrook, N. Y.
 Grand Rapids, Mich.
 Baldwinsville, N. Y.
 New Rochelle, N. Y.
 Westbury, N. Y.
 Laurel, Dela.
 Newtown Highlands, Mass.
 Philadelphia, Pa.
 Mattapan, Mass.
 Lawrence, N. Y.
 Seattle, Wash.
 New York, N. Y.
 Dallas, Texas
 New York, N. Y.
 Long Island City, N. Y.
 Guilford, Conn.
 Wayne, Pa.
 Stoneham, Mass.
 Providence, R. I.
 Brooklyn, N. Y.
 New York, N. Y.
 Brooklyn, N. Y.
 Newton Center, Mass.
 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.

Bernard Rodier, A.B., 1945, Cornell University
 David Elliott Rogers, Ohio State University
 Andrew Keough Ruotolo, Yale University
 James White Sayre, Wesleyan University
 Emanuel Schmerzler, College of the City of New York
 Olin Grigsby Shivers, Jr., Cornell University
 Jane Phyllis Smith, A.B., 1944, Bryn Mawr College
 Robert Henry Smith, Ohio State University
 Paul Lloyd Summers, West Virginia University
 Edward Aupince Ten Eyck, Cornell University
 Theodore Farrington Thomas, Cornell University
 Charles Philip Weiss, Cornell University
 James Tuthill Weston, Cornell University
 Frederick Carr White, A.B., 1945, Princeton University
 Robert Nash Whitehead, A.B., 1945, University of California
 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

Hunter, N. Y.
 Columbus, Ohio
 Newark, N. J.
 Columbus, Ohio
 Brooklyn, N. Y.
 Chipley, Fla.
 Arlington, Mass.
 Middletown, Ohio
 Parkersburg, West Va.
 Summit, N. J.
 Oswego, N. Y.
 Putnam, Conn.
 Auburndale, Mass.
 Middletown, Dela.
 La Crescenta, Calif.
 Columbia, Tenn.
 Utica, N. Y.
 Bronx, N. Y.
 Baldwin, N. Y.

FIRST YEAR

Robert C. Ackles, Holy Cross College
 Joan Kay Barber, Wellesley College
 Arthur W. Bauman, Bates College
 Abraham Blumer, Amherst College
 Isabelle Greer Boggs, University of Pittsburgh
 William James Canady, Fordham University
 Frances Margaret Capron, Wellesley College
 Edith Lawrence Carrier, Mount Holyoke College
 Sumner Cheeseman, Johns Hopkins University
 Chia-I Cheng, Swarthmore College
 Ferris E. Cook, Amherst College
 Floyd Shovington Cornelison, Jr., Baylor University
 Daniel LeRoy Crandell, University of Texas
 Robert B. Cubberley, Johns Hopkins University
 Richard E. Cutler, College of the City of New York
 Dominick Davolos, Wesleyan University
 Frank P. Derosa, Bucknell University
 Arthur Dickerson, Willamette
 Kenneth LeRoi Diercks, Syracuse University
 John Eldredge Stearns Dockweiler, University of Notre Dame
 Thomas Leonard Doyle, Jr., Fordham University
 James A. Duncan, Cornell University
 Norman Epstein, Yale University
 Harold W. Evans, Columbia University
 Robert Felix, College of the City of New York
 William Hurd Floyd, Jr., Rensselaer Polytechnic Institute
 Janet Carolyn Gerig, Swarthmore College
 Glenn Golloway, Miami University
 Melvin R. Goodman, College of the City of New York
 Ladford G. Gregory, Princeton University
 John J. Grubb, College of the Pacific
 Robert Johns Haggerty, Cornell University
 Ben K. Harned, Jr., Trinity College
 Ruth Margaret Hennessey, College of St. Elizabeth
 Robert James Herm, Cornell University
 Thomas Wesley Hetu, Yale University
 Wilbur E. Higbee, Princeton University

STUDENTS IN THE GRADUATE SCHOOL

1944-1945

Doctors of Philosophy

- | | |
|--|-----------------|
| William P. Anslow, Jr., B.S., 1936, Massachusetts Institute of Technology; Ph.D., 1944, Cornell University | New York, N. Y. |
| Karl P. Dittmer, A.B., 1939, Jamestown College, M.S., 1939, Colorado University; Ph.D., 1944, Cornell University | Lockhart, Minn. |

Candidates for the Degree of Doctor of Philosophy

- | | |
|--|----------------------|
| Isabella Brogan, A.B., 1942, Barnard College | New York, N. Y. |
| Virginia L. Friend, B.S., 1941, Simons College; | |
| M.S., 1943, Vassar College | Brooklyn, N. Y. |
| Dorothy S. Genghof, A.B., 1929, Barnard College | Bronxville, N. Y. |
| Johanna M. Lee, A.B., 1933, University of Illinois | South Norwalk, Conn. |
| Herbert McKennis, Jr., B.S., 1938, Harvard University | New York, N. Y. |
| Chester W. H. Partridge, B.S., 1942, University of Vermont | Burlington, Vt. |
| Helene M. Wallace, B.S., 1929, University of Chicago | Cranford, N. J. |
| 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

- | | |
|--|---------------------|
| Donald A. Clarke, B.S., 1937, Philadelphia College of Pharmacy and Science | New York, N. Y. |
| Martha Fuchs, A.B., 1944, Swarthmore College | Riverdale, Md. |
| Virginia R. Huebner, A.B., 1943, Queens College | Forest Hills, N. Y. |
| Jane Nicolet, A.B., 1943, Oberlin College | Riverdale, Md. |

Non-Candidate

- | | |
|---|-----------------|
| Ruth S. Hoffman, B.S., 1933, University of Pennsylvania | New York, N. Y. |
|---|-----------------|

THE MEDICAL COLLEGE STAFF

	PAGE
Adair, Frank E.	Surgery 79
Adams, Elisabeth	Medicine 57
Adams, Harold B.	Pediatrics 67
Ahearn, Robert E.	Obstetrics & Gynecology 62
Alexander, Robert	Physiology 70
Allen, Edward B.	Psychiatry 72
Almy, Thomas P.	Medicine 57
Anderson, Arthur F.	Pediatrics 67
Andre, Rose	Surgery 80
Andrus, William De W.	Surgery 79
Antenucci, Arthur J.	Medicine 56
Antoville, Abraham A.	Medicine 57
Applebaum, Jacob	Surgery (Otolaryngology) 79
Armistead, George C.	Medicine 25
Ashe, Benjamin I.	Medicine 25
Auerhan, Harold S.	Surgery 80
Ayres, William H.	Surgery (Otolaryngology) 79
Baker, Richard B.	Medicine 25
Baldwin, Horace S.	Medicine 56
Balensweig, Irvin	Surgery (Orthopedics) 79
Barbu, Valer	Psychiatry 72
Barnes, William A.	Surgery 79
Barr, David P.	Medicine 56
Barringer, Benjamin S.	Surgery (Urology) 79
Barton, David M.	Surgery 80
Basile, Evelyn J.	Pediatrics 67
Baumgartner, Leona	Publ. Hl. & Prev. Med.; Pediatrics . . 74, 67
Beal, John M.	Surgery 25
Beard, James R., Jr.	Medicine 25
Belcher, Anne S.	Surgery (Otolaryngology) 80
Bercovitz, Zacharias	Medicine 25
Bergamini, Herbert M.	Surgery 25
Berkeley, Ruth P.	Medicine 57
Berliner, Milton L.	Surgery (Ophthalmology) 79
Berry, Charles	Anatomy 51
Bigelow, Nolton H.	Pharmacology 25
Binger, Carl A.	Psychiatry (Medicine) 72
Binkley, George E.	Medicine 57
Bird, Robert M.	Medicine 25
Bogoshian, Charles K.	Pub. Hl. & Prev. Med. 74
Bohnengel, Charles	Psychiatry 25
Bond, Lucille M.	Radiology 77
Bonsnes, Roy W.	Biochemistry; Obs-Gyn 54

Boone, Mary C.	Pathology	63
Bowers, Ralph F.	Surgery	25
Brahdy, M. Bernard.	Pediatrics	25
Bray, Harry A.	Medicine (Tuberculosis)	58
Brew, James D., Jr.	Obstetrics & Gynecology	62
Brodman, Keeve.	Medicine	57
Brooks, Natahlie J.	Pediatrics	67
Brown, George B.	Biochemistry	54
Brown, Halla.	Medicine	57
Brown, Veronica C.	Medicine	57
Brush, A. Louise.	Psychiatry	72
Buckstein, Jacob.	Medicine	56
Bullen, Benjamin W., Jr.	Pediatrics	25
Bunn, Paul A.	Medicine; Pharmacology	69
Burkhardt, Edward A.	Medicine	57
Burnett, Sam R.	Surgery	80
Butler, Katherine.	Medicine	57
Carpenter, Walter T., Jr.	Pediatrics	25
Carter, Anne C.	Medicine	58
Cary, William H.	Obstetrics & Gynecology	62
Cattell, McKeen.	Pharmacology	69
Cecil, Russell L.	Medicine	56
Chambers, William H.	Physiology	25
Chandler, Charles F.	Surgery	25
Chandler, Joseph P.	Biochemistry	54
Cheney, Clarence O.	Psychiatry	72
Chenoweth, Arthur I.	Surgery	25
Chenoweth, Maynard B.	Pharmacology	25
Child, C. Gardner, III.	Surgery	25
Christensen, Bryant E.	Medicine	25
Clark, Bliss B.	Surgery	25
Clarke, Donald A.	Pharmacology	69
Clifton, E. Everett.	Surgery	25
Coats, Edward C.	Surgery (Urology)	80
Cobb, Clement B. P.	Pediatrics	67
Cohen, Eugene J.	Medicine	25
Cohn, Mildred.	Biochemistry	54
Cole, John T.	Obstetrics & Gynecology	62
Coley, Bradley L.	Surgery	25
Conkey, Ogden F.	Obstetrics & Gynecology	62
Conner, Lewis A.	Medicine (Emeritus)	10
Connolly, Philip B.	Military Medicine	84
Console, Arthur D.	Surgery	80
Conway, Herbert.	Surgery	25
Cooper, Norman S.	Pathology	65
Cooper, William A.	Surgery	25

Cornell, Carlton M.....	Surgery.....	25
Cornell, Nelson W.....	Surgery (Orthopedics).....	79
Craig, Robert L.....	Obstetrics & Gynecology.....	62
Craver, Lloyd F.....	Medicine.....	56
Creedon, John J.....	Surgery.....	80
Cromwell, Henry A.....	Medicine.....	57
Cussler, Edward.....	Medicine.....	56
Cuthbert, Marvin.....	Surgery (Ophthalmology).....	25
Dale, John H., Jr.....	Pediatrics.....	25
Daniel, William W.....	Surgery.....	25
Daniells, Helen E.....	Psychiatry.....	72
Dann, Margaret.....	Pediatrics.....	67
Darmstaetter, Armin A., Jr.....	Surgery.....	80
Davey, William P.....	Surgery (Otolaryngology).....	80
Davis, John Staige, Jr.....	Surgery.....	25
Dean, Archie L.....	Surgery (Urology).....	79
Deans, Robert D.....	Surgery.....	25
Deddish, Michael R.....	Surgery.....	80
de Gara, Paul F.....	Pathology.....	65
De Haven, Hugh.....	Physiology.....	70
Deitrick, John E.....	Medicine.....	56
Denker, Peter G.....	Medicine.....	56
Dennen, Edward H.....	Obstetrics & Gynecology.....	62
de Prume, Francois J.....	Medicine.....	57
Despert, J. Louise.....	Psychiatry.....	72
Diamond, Monroe K.....	Medicine.....	57
Diethelm, Oskar.....	Psychiatry.....	72
Dineen, Paul A.....	Surgery.....	79
Dingwall, James A., 3rd.....	Surgery.....	80
Dixon, Wilbur M.....	Obstetrics & Gynecology.....	62
Dodd, Edward M.....	Medicine.....	57
Dooley, Samuel W.....	Pediatrics.....	25
Doty, Edwin J.....	Psychiatry.....	72
Douglas, R. Gordon.....	Obstetrics & Gynecology.....	62
Draper, John W.....	Surgery (Urology).....	25
Drew, J. Edwin.....	Surgery (Urology).....	25
Du Bois, Eugene F.....	Physiology.....	70
Du Bois, Robert O.....	Pediatrics.....	67
Dudley, Guilford S.....	Surgery.....	79
Duley, Wade.....	Surgery.....	25
Dunbar, Howard S.....	Surgery.....	80
Dundee, John C.....	Medicine.....	25
Dunlap, Edward A.....	Surgery (Ophthalmology).....	80
Dunn, William H.....	Psychiatry.....	25
Dunning, Henry S.....	Medicine.....	56
du Vigneaud, Vincent.....	Biochemistry.....	54

Eberhart, Warren F.	Surgery	80
Eckardt, Lisgar B.	Medicine	25
Eckardt, Robert	Medicine	25
Eckel, John H.	Surgery (Urology)	25
Edwards, Dayton J.	Assistant Dean; Physiology	70
Edwards, Herbert R.	Public Health and Prev. Medicine	74
Eggleston, Cary	Medicine	56
Eliasberg, Helene	Pediatrics	67
Elsberg, Charles P.	Surgery (Ophthalmology)	80
Elser, William J.	Appl. Path. & Bact. (Emeritus)	10
Ensworth, Herbert K.	Medicine	25
Erdman, Albert J., Jr.	Medicine	25
Erdman, Seward	Surgery	79
Falconer, Frank M.	Medicine	57
Falk, Emil A.	Medicine	25
Farmer, Lawrence	Medicine	57
Farr, Charles E.	Surgery	79
Feder, Aaron E.	Medicine	26
Fellows, N. Miles	Surgery	80
Felter, Robert K.	Surgery	80
Finn, Frederick W.	Obstetrics & Gynecology	26
Finn, William F.	Obstetrics & Gynecology	62
Fletcher, Gilbert	Radiology	26
Flory, Curtis M.	Pathology	65
Flynn, John T.	Medicine	26
Fonde, George H.	Medicine	26
Foot, N. Chandler	Surgery (Surg. Pathology)	79
Foot, Franklin M.	Public Health & Prev. Medicine	26
Forkner, Claude E.	Medicine	56
Foster, John	Radiology	77
Franklin, John E.	Pediatrics	26
Fraser, Alan W.	Pediatrics	67
Freyberg, Richard H.	Medicine	56
Freund, Jules	Pathology	65
Friedman, Ben	Medicine	26
Friess, Constance	Medicine	56
Fuchs, Martha	Biochemistry	54
Fulkerson, Lynn L.	Obstetrics & Gynecology	62
Furchgott, Robert	Medicine; Physiology	58
Furth, Jacob	Pathology	65
Furth, Olga B.	Pediatrics	67
Galenson, Eleanor	Pediatrics	67
Garrick, Thomas J.	Surgery (Otolaryngology)	80
Gause, Ralph W.	Obstetrics & Gynecology	26
Geib, Margaret	Pediatrics	67

Genghof, Dorothy S.	Bacteriology	53
Genvert, Harold	Surgery	26
Geohegan, William A.	Anatomy; Physiology	51; 70
Gepfert, J. Randolph	Obstetrics & Gynecology	26
Gerster, John C. A.	Surgery	79
Gibbons, John M.	Medicine	26
Gill, Dan C.	Surgery	26
Gillen, Paul B.	Pub. Hl. & Prev. Medicine	74
Given, William	Obstetrics & Gynecology	62
Glassman, Oscar	Obstetrics & Gynecology	26
Glenn, Frank	Surgery	26
Glusker, David	Medicine	26
Glynn, Martin J., Jr.	Pediatrics	67
Goff, Byron H.	Obstetrics & Gynecology	62
Gold, Harry	Pharmacology	69
Goodridge, Malcolm	Medicine	56
Gordon, Dan M.	Surgery (Ophthalmology)	80
Gordon, Harry H.	Pediatrics	26
Gordy, Philip D.	Surgery	26
Grace, William	Medicine	57
Graham, Thomas N.	Medicine	57
Grauer, Franklin H.	Medicine	26
Greeley, Arthur V.	Obstetrics & Gynecology	62
Greenacre, Phyllis	Psychiatry	72
Greenberg, Sidney	Medicine	57
Greenspan, Francis S.	Medicine	26
Guion, Connie M.	Medicine	56
Hamilton, Francis J.	Psychiatry	26
Hammond, Warner S.	Anatomy	51
Hansson, Kristian G.	Surgery (Orthopedics)	79
Haralambie, James Q.	Pediatrics	26
Hardwicke, Sarah H.	Pediatrics	67
Hardy, James D.	Physiology; Medicine	26
Harlow, Ralph P.	Psychiatry	72
Harrar, James A.	Obstetrics & Gynecology	62
Harrington, Helen	Pediatrics	67
Harrison, Harold E.	Pediatrics	67
Hass, George M.	Pathology	26
Hatz, Bernard	Medicine	26
Hauser, Edwin T.	Medicine	56
Hauser, Louis A.	Medicine	26
Hausman, Louis	Medicine (Neurology)	56
Hawkins, W. Hall	Obstetrics & Gynecology	62
Haynes, Irving S.	Surgery (Emeritus)	10
Healy, William P.	Obstetrics & Gynecology	62
Hebard, George W.	Medicine	26

Heffner, R. Russell	Medicine	26
Hehre, Edward J.	Bacteriology & Immunology	53
Helpern, Herman G.	Medicine	57
Helpern, Milton	Medicine; Pathology	56; 65
Henley, Thomas F.	Pediatrics	26
Henry, George W.	Psychiatry	72
Herget, Carl M.	Physiology; Medicine	58; 70
Heuer, George J.	Surgery	79
Higinbotham, Norman L.	Surgery	26
Hinsey, Joseph C.	Dean; Anatomy	51
Hocker, Alfred F.	Radiology	77
Hoffman, Ruth S.	Surgery	80
Holman, Cranston	Surgery	26
Holmes, Thomas H.	Medicine	26
Holt, Evelyn	Medicine	57
Homrich, Leslie A.	Medicine	57
Hooker, Russell H.	Surgery	26
Hopper, Mary Ellen	Medicine	58
Horger, Eugene L.	Medicine	58
Hotchkiss, Robert S.	Surgery (Urology)	26
Howard, Frederick H.	Medicine	57
Hughes, John E.	Psychiatry	72
Humphreys, Gustavus A.	Surgery (Urology)	26
Hunt, Carlton C.	Medicine	26
Hunt, Frederick C.	Pediatrics	67
Huntington, Robert W.	Pathology	26
Huschka, Mabel	Psychiatry	72
Hyde, Bernard	Medicine	57
Jacobsen, Leif Y.	Medicine	26
Jameison, Gerald R.	Psychiatry	72
Jaspin, George	Radiology	77
Javert, Carl T.	Obstetrics & Gynecology	26
Jeck, Howard S.	Surgery (Urology)	79
Jensen, D. Rees	Surgery	80
Johnson, Donald G.	Obstetrics & Gynecology	26
Johnson, Scott	Medicine	57
Jones, Charles S.	Surgery	80
Jones, Marshall R.	Psychiatry (Psychology)	26
Joyner, Edmund N., III	Pediatrics	26
Kahn, Morton C.	Public Health and Prev. Medicine	74
Kaliss, Nathan	Pathology	26
Kammerer, William H.	Medicine	26
Kany, Alfred W.	Radiology	77
Kauer, George L., Jr.	Medicine	26
Kauer, Joseph T.	Surgery	27

Kautz, Friedrich G.	Radiology.	77
Kelley, Samuel F.	Surgery (Otolaryngology).	79
Kelly, LeMoyne C.	Medicine.	27
Kelson, Saul R.	Medicine.	27
Kennedy, Foster.	Medicine (Neurology).	56
Keyes, Edward L.	Surgery (Urology) (Emeritus).	10
Kidd, John G.	Pathology.	65
Kilbourne, Edwin D.	Medicine.	58
King, Joseph E. J.	Surgery.	80
Kirby, Charles K.	Surgery.	27
Kirkland, Henry B.	Medicine.	27
Knapp, George M.	Surgery.	27
Koenig, Hedwig.	Pediatrics.	67
Koplik, Lewis H.	Pediatrics.	67
Koprowska, Irena.	Pathology.	65
Koteen, Herbert.	Medicine.	57
Kramer, Milton M.	Medicine.	27
Krumdieck, Newton.	Medicine; Pharmacology.	27
Kuder, Katherine.	Obstetrics & Gynecology.	62
Kuhner, Anne E.	Surgery (Urology).	80
Ladd, William S.	Medicine.	56
Lake, Michael.	Medicine.	27
LaMar, Norvelle C.	Psychiatry.	72
Lampe, Ernest W.	Anatomy; Surgery.	51; 79
Lapham, Roger F.	Medicine.	57
Lawrence, Edgar A.	Medicine.	27
Lee, Johanna M.	Biochemistry.	54
Lemcke, Dorothea.	Medicine.	57
Levine, Leon I.	Medicine.	56
Levine, Milton I.	Pediatrics.	67
Levine, Samuel Z.	Pediatrics.	67
Lewis, George M.	Medicine (Dermatology).	56
Lewis, Leon.	Medicine.	27
Lewis, William H.	Medicine.	57
Lichtman, S. S.	Medicine.	57
Liebolt, Frederick L.	Surgery (Orthopedics).	27
Lim-Yuen, David M.	Surgery.	80
Lincoln, Asa L.	Medicine.	56
Lintz, Robert M.	Medicine.	27
Loebel, Robert O.	Medicine.	57
Loftus, Thomas A., Jr.	Psychiatry.	27
London, Isabel.	Medicine.	57
Lotspeich, William D.	Physiology.	70
Lovejoy, Frances W.	Surgery.	80
Loveless, Mary E. H.	Medicine.	56
Lovell, Harold W.	Psychiatry.	72

Luckey, E. Hugh.....	Medicine.....	58
Luzzatti, Luigi.....	Pediatrics.....	27
Lyle, Henry H. M.....	Surgery.....	79
McAuliffe, Gervais W.....	Surgery (Otolaryngology).....	79
McCall, John O.....	Public Health and Prev. Medicine... ..	74
McCall, Marsh.....	Medicine.....	27
McCandlish, Howard S.....	Obstetrics & Gynecology.....	62
McCombs, A. Parks.....	Medicine.....	57
McCormack, Richard R.....	Medicine.....	27
McDermott, Walsh.....	Medicine.....	56
McElwee, Ross S., Jr.....	Surgery.....	80
McGowan, Frank J.....	Surgery.....	27
McGowan, Lillian.....	Psychiatry.....	72
McGrath, John F.....	Obstetrics & Gynecology.....	62
McIlveen, Marion.....	Pediatrics.....	67
McKnight, William K.....	Psychiatry.....	27
McLane, Charles M.....	Obstetrics & Gynecology.....	62
McLean, John M.....	Surgery (Ophthalmology).....	79
McLellan, Allister M.....	Surgery (Urology).....	79
McLellan, Frederick C.....	Surgery (Urology).....	80
McSwain, H. Barton.....	Surgery.....	27
Macdonald, James O.....	Surgery (Otolaryngology).....	27
MacFarland, David H.....	Surgery (Urology).....	27
MacFee, William F.....	Surgery.....	27
Mackie, Thomas T.....	Public Health & Prev. Medicine.....	27
MacLeod, John.....	Anatomy; Physiology.....	51; 70
MacNaugher, Elizabeth M.....	Surgery (Ophthalmology).....	80
Magill, Thomas P.....	Bacteriology & Immunology.....	53
Maier, Herbert C.....	Surgery.....	80
Maisel, Bernard.....	Surgery.....	80
Marchetti, Andrew A.....	Obstetrics & Gynecology.....	62
Marcussen, Robert M.....	Medicine.....	27
Marinelli, Leonidas D.....	Radiology.....	77
Marshall, Victor F.....	Surgery (Urology).....	79
Martin, Hayes.....	Surgery.....	80
Martin, John S., Jr.....	Surgery (Otolaryngology).....	80
Martin, Kirby.....	Medicine.....	57
Mayer, Edgar.....	Medicine.....	56
Maynard, Guy B., Jr.....	Surgery.....	80
Mehler, Leopold.....	Surgery (Otolaryngology).....	80
Meigher, Stephen C.....	Surgery.....	27
Melchionna, Robert H.....	Medicine.....	57
Melville, Donald B.....	Biochemistry.....	54
Mendelson, Curtis L.....	Obstetrics & Gynecology.....	63
Mercer, Mary E.....	Pediatrics.....	67
Merrill, E. Forrest.....	Radiology.....	27

Merrill, F. Hamilton	Medicine	27
Milhorat, Ade T.	Medicine; Psychiatry	56; 72
Miller, Raymond E.	Medicine; Pub. Hl. & Prev. Medicine	27
Miscall, Laurence	Surgery	27
Mittelman, Bela	Medicine; Psychiatry	58; 72
Modell, Walter	Pharmacology	69
Moench, L. Mary	Medicine	57
Moore, James A.	Surgery (Otolaryngology)	27
Moore, Samuel W.	Surgery	27
Morrill, Charles V.	Anatomy	51
Morrison, Donald R.	Surgery	27
Mosher, Thomas E.	Pediatrics	27
Murphy, Willis A.	Medicine	27
Muschenheim, Carl	Medicine; Pub. Hl. & Prev. Med.	56; 74
Nathanson, Joseph N.	Obstetrics & Gynecology	62
Neer, Edmonde D.	Surgery (Otolaryngology)	80
Neill, Charles L., Jr.	Surgery	27
Neill, James M.	Bacteriology & Immunology	53
Neumann, Charles	Surgery	80
New, Elizabeth V.	Psychiatry (Psychology)	72
Nickel, William F., Jr.	Surgery	27
Nonidez, Jose F.	Anatomy	51
Oberholzer, Emil	Psychiatry	72
Ogilvie, John B.	Surgery	27
Olcott, Charles T.	Pathology	65
Oljenick, Ignaz W.	Medicine (Neurology)	58
Ollstein, Philip	Public Health & Prev. Medicine	74
O'Neill, Earl A.	Surgery	27
Opie, Eugene L.	Pathology (Emeritus)	10
Oppel, Theodore W.	Medicine	27
O'Regan, Charles H.	Pediatrics	67
O'Regan, John A.	Obstetrics & Gynecology	62
O'Sullivan, Ward	Surgery	27
Owen, Joseph W.	Medicine; Psychiatry	27
Pack, George T.	Surgery	79
Palmer, Arthur	Surgery (Otolaryngology)	79
Palmer, Douglass	Medicine	56
Papae, Norman	Medicine	27
Papanicolaou, George	Anatomy	51
Pardee, Harold E. B.	Medicine	56
Partridge, Chester W. H.	Biochemistry	54
Pastore, John B.	Obstetrics & Gynecology	62
Patterson, Russel H.	Surgery	28
Person, E. Cooper, Jr.	Surgery	79

Peters, Frank H.....	Medicine.....	56
Pfeiffer, John B.....	Medicine.....	28
Pitts, Robert F.....	Physiology.....	70
Plummer, Norman.....	Medicine.....	28
Pool, Eugene H.....	Surgery.....	79
Pool, J. Lawrence.....	Medicine.....	28
Powers, Harry T.....	Obstetrics & Gynecology.....	28
Priest, Eda L.....	Psychiatry.....	72
Purnell, Oliver J., Jr.....	Surgery.....	80
Quinn, William C.....	Surgery.....	28
Rachele, Julian R.....	Biochemistry.....	54
Rahman, Lincoln.....	Psychiatry.....	28
Ransom, Leland B.....	Obstetrics & Gynecology.....	28
Ray, Bronson S.....	Surgery.....	79
Raynolds, Arthur H.....	Medicine.....	28
Reiss, Frederick.....	Medicine.....	57
Rennie, Thomas A. C.....	Psychiatry.....	72
Ressler, Charles.....	Medicine.....	28
Reznikoff, Paul.....	Medicine.....	56
Rhoads, Cornelius P.....	Pathology.....	65
Richards, Charles H.....	Psychiatry; Medicine.....	28
Richards, John H.....	Medicine.....	56
Richardson, Eric C.....	Surgery (Ophthalmology).....	80
Richardson, Henry B.....	Medicine; Pub. Hl. & Prev. Med.....	56
Rieben, Willy K.....	Medicine.....	57
Riekert, Herbert J.....	Surgery.....	80
Riker, Walter F., Jr.....	Pharmacology.....	69
Ripley, Herbert S.....	Psychiatry.....	28
Robertson, Hugh Schuyler.....	Medicine.....	58
Rockwell, Fred V.....	Psychiatry.....	72
Roemer, Edward P.....	Medicine.....	28
Rogoff, Julius L.....	Medicine.....	57
Roos, Allan.....	Pediatrics.....	28
Root, Sophie A.....	Medicine.....	57
Roper, Joseph C.....	Medicine.....	56
Rosensohn, Meyer.....	Obstetrics & Gynecology.....	62
Rossett, N. Edward.....	Medicine.....	28
Rubin, Lionel C.....	Medicine.....	28
Russell, William L.....	Psychiatry (Emeritus).....	10
Ryan, Charles Diller.....	Psychiatry.....	72
Sabbatino, Joseph F.....	Medicine.....	58
Sackett, Nelson B.....	Obstetrics & Gynecology.....	62
Sammis, Jesse F.....	Pediatrics.....	67
Samuels, Bernard.....	Surgery (Ophthalmology) (Emeritus).....	10

Saperstein, Jerome L.	Psychiatry	72
Scanlan, Theresa	Medicine	58
Schloss, Oscar M.	Pediatrics	67
Schmidlapp, Carl J., 2nd	Surgery	28
Schmidt, John G.	Surgery (Orthopedics)	28
Schmidt, Walter J.	Medicine	58
Schnittman, Morris	Surgery (Urology)	80
Schumacher, George A.	Medicine	28
Schwartz, Hans J.	Medicine (Dermatology) (Emeritus)	10
Schwartz, Irving	Radiology	77
Seal, John R.	Medicine	28
Senn, Milton J. E.	Pediatrics; Psychiatry	67; 72
Sherman, Jacob T.	Obstetrics & Gynecology	62
Shorr, Ephraim	Medicine	56
Silverberg, Mabel G.	Medicine	58
Simmonds, Sofia	Biochemistry	54
Simons, Donald J.	Medicine; Psychiatry	56; 72
Smedley, Lois M.	Pediatrics	67
Smillie, Wilson G.	Public Health and Prev. Medicine	74
Smith, Carl H.	Pediatrics	67
Smith, Erwin F.	Obstetrics & Gynecology	63
Smith, Frank R.	Obstetrics & Gynecology	28
Smith, Harriet Hull	Medicine	58
Smith, James J.	Medicine	28
Smith, Morris K.	Surgery	28
Smith, P. Woodbury	Obstetrics & Gynecology	63
Snyder, Charles T.	Obstetrics & Gynecology	63
Soley, Paul J.	Surgery (Urology)	80
Sorenson, Charles W.	Medicine	28
Speer, David S.	Surgery	28
Spielman, Aaron D.	Medicine	58
Spock, Benjamin McL.	Pediatrics	28
Stander, Henricus J.	Obstetrics & Gynecology	62
Stein, Nobe E.	Psychiatry	72
Steinberg, Israel	Medicine; Public Health & Prev. Med.	28
Stevens, Alexander R.	Surgery (Urology)	79
Stevens, Carl M.	Biochemistry	54
Stevenson, Lewis D.	Pathology; Medicine	65; 56
Stewart, Fred J.	Surgery	79
Stewart, Harold J.	Medicine	56
Stickney, John W.	Medicine	28
Stillman, Ralph G.	Medicine (Clinical Pathology)	56
Stimson, Philip M.	Pediatrics	67
Stromme, William B.	Obstetrics & Gynecology	62
Stubenbord, William D.	Medicine	28
Sugg, John Y.	Bacteriology & Immunology	53
Sullivan, Joseph V.	Radiology	77

Sulouff, D. Blair	Surgery (Ophthalmology)	28
Sulzberger, Marion B.	Medicine	28
Summerson, William H.	Biochemistry	54
Swan, Bernard R.	Obstetrics & Gynecology	28
Sweet, Joshua E.	Experimental Surgery (Emeritus)	10
Swift, Katherine W.	Medicine	58
Syz, Hans.	Psychiatry	72
Tarr, Leonard	Medicine	28
Taylor, Guernsey	Medicine	28
Temple, Harold L.	Radiology	77
Tepper, Warren R.	Pediatrics	67
Timpanelli, Alphonse E.	Medicine	28
Tisdale, Eben D.	Medicine	28
Tolstoi, Edward	Medicine	57
Tompsett, Ralph R.	Medicine	28
Toolan, Helene M.	Pathology	65
Torda, Clara	Medicine	58
Torrey, John C.	Epidemiology (Emeritus)	10
Travell, Janet	Pharmacology	69
Travis, John H.	Psychiatry	72
Treherne, Carl A.	Obstetrics & Gynecology	63
Treves, Norman	Surgery	80
Truax, Harmon	Surgery (Urology)	28
Tucker, Dan	Radiology	28
Tucker, James L.	Pediatrics	67
Tulin, Maurice	Medicine	58
Twiss, J. Russell	Medicine	28
Tyndall, Marian	Medicine	58
Van Orden, T. Durland	Pediatrics	28
Vignec, Alfred J.	Pediatrics	67
von der Lieth, William C.	Surgery	80
Wade, Preston A.	Surgery (Orthopedics)	28
Wager, Martha C.	Pediatrics	67
Wall, James H.	Psychiatry	72
Walzer, Matthew	Medicine	58
Ward, George Gray	Obstetrics & Gynecology (Emeritus)	10
Ward, Mary	Surgery (Anesthesia)	79
Warren, Charles O.	Anatomy; Physiology	51; 70
Watson, William L.	Surgery	28
Watt, John Y. C.	Public Health and Prev. Medicine	28
Weber, Frederick C., Jr.	Medicine	28
Webster, Bruce	Medicine	28
Weeden, Willis M.	Surgery	29
Wegman, Myron E.	Pediatrics; Pub. Hl. & Prev. Med.	67; 74

Weintraub, Sydney	Radiology	29
Wescoe, William Clarke	Medicine	58
Weymuller, Louis E.	Pediatrics	29
Wharton, Dennis R. A.	Public Health & Prev. Medicine	74
Wheatley, George M.	Pediatrics	67
Wheatley, Marjorie A.	Pediatrics	67
Whedon, G. Donald	Medicine	58
Wheeler, Charles H.	Medicine; Pharmacology	57; 69
Wheeler, George W.	Medicine (Clinical Pathology)	57
White, Stephen	Radiology	77
Whiting, Frederick	Surgery (Otology) (Emeritus)	10
Whitmore, Willet F., Jr.	Surgery (Urology)	29
Wilcox, Howard	Obstetrics & Gynecology	63
Wilcox, Roscoe S.	Surgery	29
Williams, Bruce F. P.	Obstetrics & Gynecology	63
Williams, Byard	Medicine	58
Williamson, Hervey C.	Obstetrics & Gynecology	62
Wilson, John E.	Biochemistry	54
Wilson, May G.	Pediatrics	67
Wing, Lucius A.	Obstetrics & Gynecology	62
Withro, Polly B.	Medicine	58
Wolf, George A., Jr.	Medicine	58
Wolf, Stewart G., Jr.	Medicine	29
Wolff, Harold G.	Medicine; Psychiatry	56; 72
Wolinsky, Emanuel	Medicine	58
Wood, John L.	Biochemistry	54
Woolsey, George	Surgery (Emeritus)	10
Yeager, Robert L.	Medicine	51
Yntema, Chester L.	Anatomy	58
Zimmerman, Kent A.	Psychiatry	29
Zucker, Seymour	Medicine	58