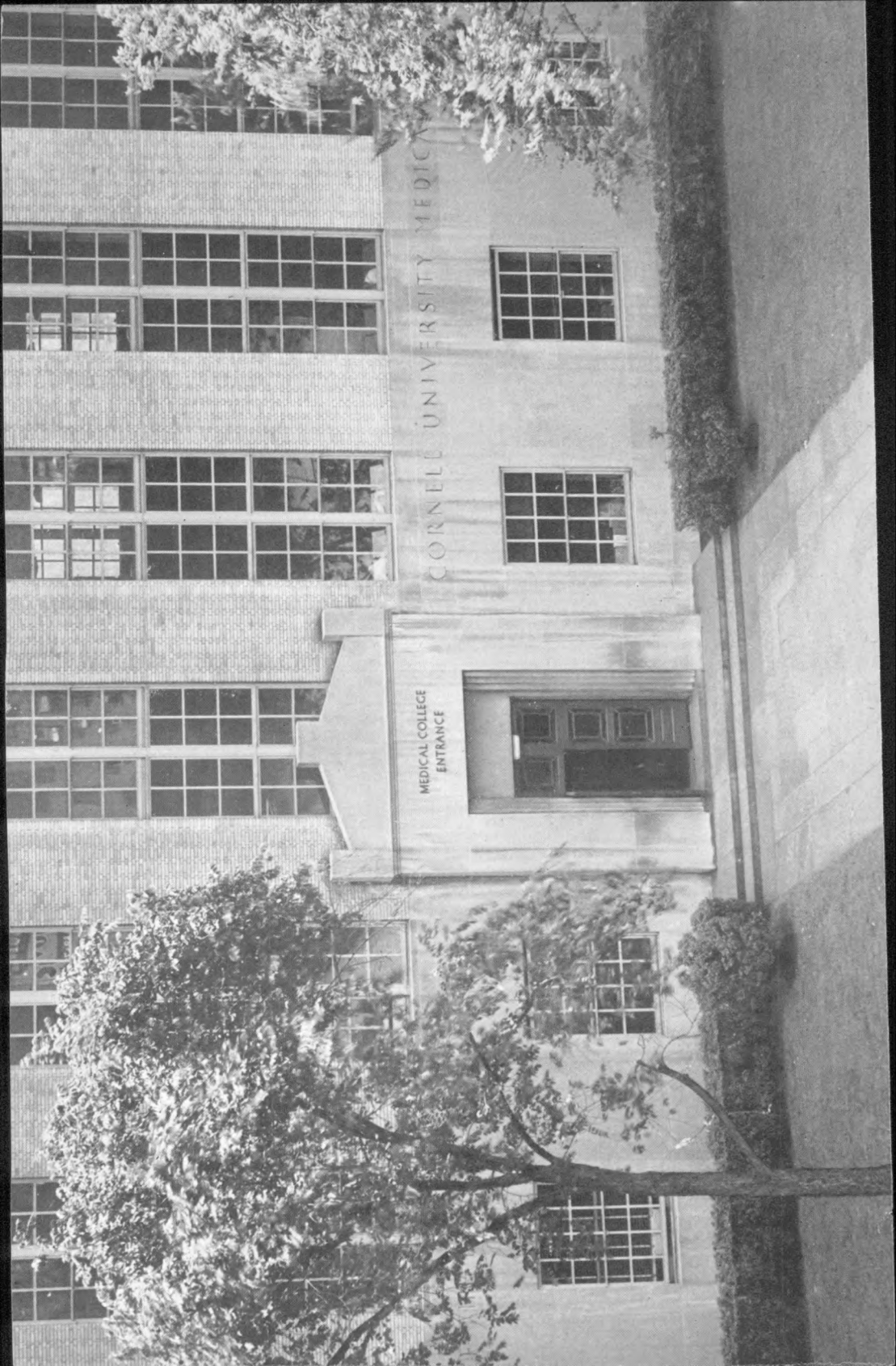


CORNELL UNIVERSITY  
OFFICIAL PUBLICATIONS

\*

*Medical College*

1946-1947



MEDICAL COLLEGE  
ENTRANCE

CORNELL UNIVERSITY MEDICAL

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# CALENDAR

| 1946   | 1947   |  |
|--|--|--|
| <p><i>July</i></p> <p>S M T W T F S</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30 31</p> <p><i>August</i></p> <p>1 2 3</p> <p>4 5 6 7 8 9 10</p> <p>11 12 13 14 15 16 17</p> <p>18 19 20 21 22 23 24</p> <p>25 26 27 28 29 30 31</p> <p><i>September</i></p> <p>1 2 3 4 5 6 7</p> <p>8 9 10 11 12 13 14</p> <p>15 16 17 18 19 20 21</p> <p>22 23 24 25 26 27 28</p> <p>29 30</p> <p><i>October</i></p> <p>1 2 3 4 5</p> <p>6 7 8 9 10 11 12</p> <p>13 14 15 16 17 18 19</p> <p>20 21 22 23 24 25 26</p> <p>27 28 29 30 31</p> <p><i>November</i></p> <p>1 2</p> <p>3 4 5 6 7 8 9</p> <p>10 11 12 13 14 15 16</p> <p>17 18 19 20 21 22 23</p> <p>24 25 26 27 28 29 30</p> <p><i>December</i></p> <p>1 2 3 4 5 6 7</p> <p>8 9 10 11 12 13 14</p> <p>15 16 17 18 19 20 21</p> <p>22 23 24 25 26 27 28</p> <p>29 30 31</p> | <p><i>January</i></p> <p>S M T W T F S</p> <p>1 2 3 4</p> <p>5 6 7 8 9 10 11</p> <p>12 13 14 15 16 17 18</p> <p>19 20 21 22 23 24 25</p> <p>26 27 28 29 30 31</p> <p><i>February</i></p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28</p> <p><i>March</i></p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28 29</p> <p>30 31</p> <p><i>April</i></p> <p>1 2 3 4 5</p> <p>6 7 8 9 10 11 12</p> <p>13 14 15 16 17 18 19</p> <p>20 21 22 23 24 25 26</p> <p>27 28 29 30</p> <p><i>May</i></p> <p>1 2 3</p> <p>4 5 6 7 8 9 10</p> <p>11 12 13 14 15 16 17</p> <p>18 19 20 21 22 23 24</p> <p>25 26 27 28 29 30 31</p> <p><i>June</i></p> <p>1 2 3 4 5 6 7</p> <p>8 9 10 11 12 13 14</p> <p>15 16 17 18 19 20 21</p> <p>22 23 24 25 26 27 28</p> <p>29 30</p> | <p><i>July</i></p> <p>S M T W T F S</p> <p>1 2 3 4 5</p> <p>6 7 8 9 10 11 12</p> <p>13 14 15 16 17 18 19</p> <p>20 21 22 23 24 25 26</p> <p>27 28 29 30 31</p> <p><i>August</i></p> <p>1 2</p> <p>3 4 5 6 7 8 9</p> <p>10 11 12 13 14 15 16</p> <p>17 18 19 20 21 22 23</p> <p>24 25 26 27 28 29 30</p> <p>31</p> <p><i>September</i></p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30</p> <p><i>October</i></p> <p>1 2 3 4</p> <p>5 6 7 8 9 10 11</p> <p>12 13 14 15 16 17 18</p> <p>19 20 21 22 23 24 25</p> <p>26 27 28 29 30 31</p> <p><i>November</i></p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28 29</p> <p>30</p> <p><i>December</i></p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30 31</p> |



## CALENDAR\*

### 1946

|            |   |
|------------|---|
| Sept. 24   | Examinations for conditioned students.  |
| Sept. 25   | Registration for first and second year students.<br>Opening exercises of the Medical College. |
| Sept. 26   | Classes begin for all students 9 A.M.   |
| Oct. 12    | Holiday — Columbus Day.   |
| Nov. 6     | Third division begins for fourth year students.   |
| Nov. 27    | Thanksgiving recess begins 5 P.M.   |
| Dec. 2     | Thanksgiving recess ends 9 A.M.   |
| Dec. 16-17 | Examinations for second year students.  |
| Dec. 17    | Fall term ends. Christmas recess begins 5 P.M.  |

### 1947

|             |  |
|-------------|--|
| Jan. 2      | Christmas recess ends 9 A.M.   |
| Jan. 22     | Fourth division begins for fourth year students.                             |
| Feb. 22     | Holiday — Washington's Birthday.   |
| March 20    | Instruction work terminates for all classes 5 P.M.                           |
| March 21-26 | Examinations for first, third, and fourth year students. <sup>1</sup>        |
| March 28    | Commencement — 3:30 P.M.   |
| March 31    | Instruction begins for first and second year students<br>9 A.M. <sup>2</sup> |
| May 30      | Holiday — Memorial Day.  |
| June 16-19  | Final examinations.  |
| June 19     | Close of academic year.  |

\*All students must register in person at the Administration Office on or before September 25. No student will be admitted after registration day without special permission. Upon registration, all fees must be paid at the Business Office.

<sup>1</sup>Second year students not scheduled for examinations at this time.

<sup>2</sup>The opening date for instruction for senior students to be announced later.

# 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:

|                                |                   |
|--------------------------------|-------------------|
| EDMUND E. DAY, <i>Chairman</i> | LANGDON P. MARVIN |
| NEAL D. BECKER                 | WILLIAM WOODWARD  |
| JOSEPH P. RIPLEY               | HENRY S. STURGIS  |
| JOHN W. DAVIS                  |                   |

### THE MEDICAL COLLEGE COUNCIL

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

The Council at present consists of the following members:

|  |                                       |                   |                   |
|--|---------------------------------------|-------------------|-------------------|
| EDMUND EZRA DAY, President of Cornell University, <i>Chairman</i> ,<br><i>ex officio</i> . |                                       |                   |                   |
| JOSEPH C. HINSEY, Dean, Cornell University Medical College.                                |                                       |                   |                   |
| NEAL D. BECKER   | {<br>of the Board<br>of Trustees.<br> | SAMUEL Z. LEVINE  | } of the Faculty. |
| ALBERT R. MANN   |                                       | JAMES M. NEILL    |                   |
| STANTON GRIFFIS  |                                       | NELSON W. CORNELL | } of the Alumni.  |
| ROGER H. WILLIAMS  |                                       | CONNIE M. GUION   |                   |
| EDWARD K. TAYLOR, <i>Secretary</i> .   |                                       |                   |                   |

## 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

HAROLD L. TEMPLE

# STANDING COMMITTEES\*

## COMMITTEE ON CURRICULUM

Vincent du Vigneaud, *Chairman*

William DeW. Andrus  
David P. Barr  
John G. Kidd

Samuel Z. Levine  
Henricus J. Stander  
John Y. Sugg

## COMMITTEE ON ADMISSIONS

Dayton J. Edwards, *Chairman*

N. Chandler Foot  
Edward J. Hehre

Milton J. E. Senn  
Wilson G. Smillie

## LIBRARY COMMITTEE

Andrew A. Marchetti, *Chairman*

Thomas P. Almy  
McKeen Cattell  
William H. Chambers  
Joseph P. Chandler  
Edwin J. Doty

Frank Glenn  
Warner S. Hammond  
Bernard R. Samuels  
Harold L. Temple

Josephine G. Nichols

## COMMITTEE ON PROMOTION AND GRADUATION

Joseph C. Hinsey, *Chairman*

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

## COMMITTEE ON SCHOLARSHIPS AND PRIZES

Eugene F. DuBois, *Chairman*

Walsh McDermott

James M. Neill

John M. McLean

## COMMITTEE ON PRIZES IN RESEARCH

Samuel Z. Levine, *Chairman*

Oskar Diethelm

John MacLeod

Edward J. Hehre

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\*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 follows 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]       | <i>Professor of Clinical Surgery</i>                   |
| IRVING S. HAYNES, M.D. [1898; 1926]     | <i>Professor of Clinical Surgery</i>                   |
| WILLIAM L. RUSSELL, M.D. [1928; 1932]   | <i>Professor of Psychiatry</i>                         |
| GEORGE GRAY WARD, M.D. [1898; 1934]     | <i>Professor of Obstetrics and Gynecology</i>          |
| EDWARD L. KEYES, M.D. [1911; 1937]      | <i>Professor of Clinical Surgery (Urology)</i>         |
| WILLIAM J. ELSEY, M.D. [1901; 1938]     | <i>Professor of Applied Pathology and Bacteriology</i> |
| EUGENE L. OPIE, M.D. [1932; 1941]       | <i>Professor of Pathology</i>                          |
| JOHN C. TORREY, Ph.D. [1904; 1941]      | <i>Professor of Epidemiology</i>                       |
| JOSHUA E. SWEET, M.D. [1926; 1941]      | <i>Professor of Experimental Surgery</i>               |
| HANS J. SCHWARTZ, M.D. [1911; 1942]     | <i>Professor of Clinical Medicine (Dermatology)</i>    |
| BERNARD R. SAMUELS, M.D. [1914; 1942]   | <i>Professor of Clinical Surgery (Ophthalmology)</i>   |
| LEWIS A. CONNER, M.D. [1898; 1945]      | <i>Professor of Clinical Medicine</i>                  |
| MALCOLM GOODRIDGE, M.D. [1910; 1946]    | <i>Professor of Clinical Medicine</i>                  |
| ALEXANDER R. STEVENS, M.D. [1924; 1946] | <i>Professor of Clinical Surgery (Urology)</i>         |

## 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])

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*. Consulting 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. (Stateexamen 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])
- 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])
- 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, 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])
- CONNIE M. GUION, *Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1906, Wellesley; A.M. 1913, M.D. 1917, Cornell. [1924; 1946])
- PAUL REZNIKOFF, *Professor of Clinical Medicine*. Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (B.S. 1916, New York University; M.D. 1920, Cornell. [1924; 1946])
- HAROLD L. TEMPLE, *Professor of Radiology*. Radiologist New York Hospital. (B.S. 1932, M.D. 1935, University of Nebraska. [1941; 1946])

## 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])
- 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 Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D.C.M. 1924, McGill. [1932; 1937])
- 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])
- 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])
- 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 Clinical 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])
- 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])
- 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])
- 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])
- RICHARD H. FREYBERG, *Associate Professor of Clinical Medicine*. (A.B. 1926, M.D. 1930, M.S. 1934, University of Michigan. [1945])
- WILLIAM A. BARNES, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1933, College of the City of New York; M.D. 1937, Cornell. [1938; 1946])
- HERBERT CONWAY, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (M.B. 1928, B.S. 1929, M.D. 1929, M.S. 1932, University of Cincinnati. [1932; 1946])
- WILLIAM A. COOPER, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1928, Stanford University; M.D. 1932, Cornell. [1934; 1946])
- JOHN E. DEITRICK, *Associate Professor of Medicine*. Associate Attending Physician, New York Hospital; Visiting Physician and Director, Second Medical Division, Bellevue Hospital. (B.S. 1929, Princeton; M.D. 1933, Johns Hopkins. [1934; 1946])
- PAUL A. DINEEN, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1910, St. Francis Xavier; M.D. 1914, Columbia. [1932; 1946])
- JOHN H. ECKEL, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital; Assistant Visiting Surgeon (Urology), Bellevue Hospital. (B.S. 1929, New York University; M.D. 1933, Cornell. [1934; 1946])

- CLAUDE F. FORKNER, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1922, M.A. 1923, University of California; M.D. 1926, Harvard. [1938; 1946])
- CRANSTON HOLMAN, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital; Assistant Visiting Surgeon, Bellevue Hospital. (A.B. 1927, M.D. 1930, Stanford. [1932; 1946])
- ROBERT S. HOTCHKISS, *Associate Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital; Visiting Surgeon in Charge of Urological Service, Bellevue Hospital. (B.S. 1926, M.D. 1928, University of Michigan. [1935; 1946])
- FREDERICK L. LIEBOLT, *Associate Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1925, University of Arkansas; M.D. 1930, Washington University; Sc.D. 1937, Columbia. [1939; 1946])
- WALSH McDERMOTT, *Associate Professor of Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1928, M.D. 1931 Columbia. [1933; 1946])
- VICTOR F. MARSHALL, *Associate Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital. (M.D. 1937, University of Virginia. [1938; 1946])
- SAMUEL W. MOORE, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital; Assistant Visiting Surgeon, Bellevue Hospital. (B.S. 1926, Davidson; M.D. 1930, Harvard. [1932; 1946])
- CARL MUSCHENHEIM, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1928, M.D. 1931, Columbia. [1933; 1946])
- RUSSEL H. PATTERSON, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital; Visiting Surgeon, Bellevue Hospital. (A.B. 1914, Georgia; M.D. 1918, Harvard. [1921; 1946])
- E. COOPER PERSON, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1931, University of North Carolina; M.D. 1935, Cornell. [1936; 1946])
- MORRIS K. SMITH, *Associate Professor of Clinical Surgery*. Attending Surgeon, St. Luke's Hospital. (A.B. 1907, A.M. 1911, M.D. 1911, Dartmouth. [1919; 1946])
- WILLIAM H. SUMMERSON, *Associate Professor of Biochemistry*. (B.Chem. 1927, M.A. 1928, Ph.D. 1937, Cornell. [1929; 1946])
- PRESTON A. WADE, *Associate Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1922, M.D. 1925, Cornell. [1927; 1946])
- JAMES H. WALL, *Associate Professor of Clinical Psychiatry*. Medical Director, New York Hospital, Westchester Division. (M.D. 1927, Jefferson Medical College. [1933; 1946])
- ROBERT F. WATSON, *Associate Professor of Medicine*. Associate Attending Physician, New York Hospital. (M.D. 1934, University of Virginia. [1946])
- IRVING S. WRIGHT, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1923, M.D. 1926, Cornell. [1946])

#### 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; 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])
- 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)*. Associate 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])
- LLOYD 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*. Attending Psychiatrist, New York Hospital. (M.D. 1918, Albany Medical College. [1933; 1936])
- EDWARD TOLSTOI, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (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])
- 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])

- 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])
- ARCHIE L. DEAN, *Assistant Professor of Clinical Surgery (Urology)*. Attending Surgeon (Urology), New York Hospital. Associate Attending Surgeon, Memorial Hospital. (B.S. 1913, M.D. 1917, Cornell. [1935; 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*. Assistant Attending Physician, New York Hospital. (A.B. 1909, Williams; M.D. 1915, Cornell. [1925; 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*. Visiting Roentgenologist, Bellevue Hospital. (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*. Associate Attending Pediatrician, New York Hospital. (A.B. 1915, M.D. 1919, Columbia. [1923; 1940])
- HARRY H. GORDON, *Assistant Professor of Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1926, M.D. 1929, Cornell. [1932; 1940])
- KRISTIAN G. HANSSON, *Assistant Professor of Clinical Surgery (Orthopedics)*. Director, Physiotherapy, New York Hospital. (A.B. 1920, M.D. 1923, Cornell. [1925; 1940])
- MILTON HELPERN, *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, Bellevue Hospital. (B.S. 1922, College of the City of New York; M.D. 1926, Cornell. [1931; 1940])
- FREDERICK C. HUNT, *Assistant Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (M.D. 1924, Western Ontario. [1932; 1940])
- FRANK H. PETERS, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. 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*. Attending Surgeon, Memorial Hospital. (B.A. 1915, Yale; M.D. 1919, Columbia. [1941])
- PETER G. DENKER, *Assistant Professor of Clinical Medicine (Neurology)*. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1923, College of the City of New York; M.D. 1927, Cornell. [1932; 1941])
- 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*. (A.B. 1924, A.M. 1925, Mississippi; Ph.D. 1930, Johns Hopkins. [1937; 1941])
- EDWIN T. HAUSER, *Assistant Professor of Clinical Medicine*. Associate Attending



- Physician, New York Hospital. (A.B. 1916, College of the City of New York; M.D. 1922, Cornell. [1925; 1941])
- W. HALL HAWKINS, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1906, Central University of Kentucky; M.D. 1911, Johns Hopkins. [1932; 1941])
- ALFRED F. HOCKER, *Assistant Professor of Radiology*. Consulting Radiologist, New York Hospital; Associate Roentgenologist, Assistant Surgeon, Memorial Hospital. (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])
- HAYES MARTIN, *Assistant Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (B.A. 1911, M.D. 1917, Iowa. [1941])
- JOHN A. O'REGAN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1916, McGill. [1932; 1941])
- NORMAN PLUMMER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Associate Visiting Physician, Bellevue Hospital. (A.B. 1922, University of California; M.D. 1926, Cornell. [1928; 1941])
- MEYER ROSENDOHN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1901, College of the City of New York; M.D. 1909, Columbia. [1932; 1941])
- FRANK R. SMITH, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital; Associate Attending Surgeon, Memorial Hospital. (A.B. 1917, Yale; M.D. 1921, Harvard. [1932; 1941])
- 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 Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1927, M.D. 1930, Cornell. [1932; 1942])
- HERBERT R. EDWARDS, *Assistant Professor of Public Health and Preventive Medicine*. (M.D. 1918, College of Medical Evangelists. [1942])
- 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])
- 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])
- CHARLES O. WARREN, *Assistant Professor of Physiology*. (A.B. 1927, Cornell; Ph.D. 1933, New York University; M.D. 1937, Cornell. [1938; 1942])
- C. GARDENER CHILD, III, *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*. Associate 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])
- EDWARD H. HEHRE, *Assistant Professor of Bacteriology and Immunology*. (A.B. 1934, M.D. 1937, Cornell. [1938; 1943])
- SAMUEL F. KELLEY, *Assistant Professor of Clinical Surgery (Otolaryngology)*. Assistant Attending Surgeon (Otolaryngology), New York Hospital. (M.D. 1921, University of Texas. [1926; 1943])
- LEONIDAS D. MARINELLI, *Assistant Professor of Radiology (Radiological Physics)*. (B.S. 1931, Cooper Union; M.A. 1936, Columbia. [1943])
- CHARLES T. OLCOTT, *Assistant Professor of Pathology*. Assistant Pathologist, New York Hospital. (A.B. 1911, Princeton; M.D. 1916, Cornell. [1926; 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*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1917, Columbia; M.D. 1920, Cornell. [1934; 1944])
- CLEMENT B. P. COBB, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1922, Williams; M.D. 1926, Harvard. [1934; 1944])
- 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])
- 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])
- 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*. Assistant Radiologist, New York Hospital. (B.S. 1920, College of the City of New York; M.D. 1924, Cornell. [1931; 1944])

- CHARLES H. WHEELER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (B.S. 1931, Princeton; M.D. 1935, Cornell. [1936; 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.D. 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])
- JOHN H. TRAVIS, *Assistant Professor of Clinical Psychiatry*. (M.B. 1911, University of Toronto. [1941; 1945])
- MARY WARD, *Assistant Professor of Clinical Surgery (Anesthesia)*. Anesthetist-in-Chief, New York Hospital. (A.B. 1933, Wellesley; A.M. 1934, M.D. 1939, Columbia. [1945])
- MARJORIE A. WHEATLEY, *Assistant Professor of Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1919, Vassar; M.D. 1929, Columbia. [1931; 1945])
- THOMAS P. ALMY, *Assistant Professor of Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1935, M.D. 1939, Cornell. [1940; 1946])
- PAUL A. BUNN, *Assistant Professor of Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1936 De Pauw University; M.D. 1940, Chicago. [1943; 1946])
- HENRY L. BARNETT, *Assistant Professor of Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1938, M.D. 1938, Washington University. [1946])
- WILLIAM H. CARY, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1905, Syracuse. [1937; 1946])
- MAYNARD B. CHENOWETH, *Assistant Professor of Pharmacology*. (A.B. 1939, Columbia; M.D. 1942, Cornell. [1942; 1946])
- OGDEN F. CONKEY, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1908, St. Lawrence; M.D. 1912, Columbia. [1922; 1946])
- JAMES. A. DINGWALL, III, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1936, Dartmouth; M.D. 1940, Cornell. [1941; 1946])
- JOHN W. DRAPER, JR., *Assistant Professor of Clinical Surgery (Urology)*. Assistant Attending Surgeon (Urology), New York Hospital; Assistant Visiting Surgeon (Urology), Bellevue Hospital. (A.B. 1927, Dartmouth; M.D. 1931, Cornell. [1932; 1946])
- GUSTAVUS A. HUMPHREYS, *Assistant Professor of Clinical Surgery (Urology)*. Assistant Attending Surgeon (Urology), New York Hospital. (A.B. 1927, Princeton; M.D. 1932, Columbia. [1937; 1946])

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\*On leave of absence.

- CARL T. JAVERT, *Assistant Professor of Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1932, Buffalo. [1937; 1946])
- ELISE STRANG L'ESPERANCE, *Assistant Professor of Public Health and Preventive Medicine*. (M.D. 1900, Woman's Medical College. [1910; 1946])
- CHARLES M. McLANE, *Assistant Professor of Clinical Obstetrics and Gynecology*. Assistant Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1924, M.D. 1928, Johns Hopkins. [1932; 1946])
- JOHN MacLEOD, *Assistant Professor of Anatomy*. (A.B. 1934, M.Sc. 1937, New York University; Ph.D. 1941, Cornell. [1941; 1946])
- DONALD B. MELVILLE, *Assistant Professor of Biochemistry*. (B.S. 1936, M.S. 1937, Ph.D. 1939, University of Illinois. [1944; 1946])
- JAMES A. MOORE, *Assistant Professor of Clinical Surgery (Otolaryngology)*. Assistant Attending Surgeon (Otolaryngology), New York Hospital. (B.S. 1930, Davidson College; M.D. 1934, Harvard. [1941; 1946])
- WILLIAM F. NICKEL, JR., *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1930, M.D. 1934, Johns Hopkins. [1935; 1946])
- THEODORE W. OPPEL, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1926, M.A. 1927, Wisconsin; M.D. 1929, Pennsylvania. [1932; 1946])
- HERBERT J. RIEKERT, *Assistant Professor of Clinical Surgery (Orthopedics)*. Assistant Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1932, M.D. 1935, Cornell. [1942; 1946])
- HERBERT S. RIPLEY, *Assistant Professor of Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1929, University of Michigan; M.D. 1935, Harvard. [1935; 1946])
- FRED V. ROCKWELL, *Assistant Professor of Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1931, M.D. 1936, Rochester. [1939; 1946])
- JOHN G. SCHMIDT, *Assistant Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1925, Williams; M.D. 1930, Harvard. [1939; 1946])
- GEORGE A. SCHUMACHER, *Assistant Professor of Medicine*. Assistant Visiting Neuro-psychiatrist, Bellevue Hospital. (B.S. 1932, Pennsylvania State College; M.D. 1936, Cornell. [1938; 1946])
- JOHN J. SMITH, *Assistant Professor of Medicine*. Associate Visiting Physician, Bellevue Hospital. (A.B. 1934, St. Peters; M.D. 1938, Cornell. [1939; 1946])
- STEWART, G. WOLF, JR., *Assistant Professor of Medicine*. Assistant Attending Physician, New York Hospital; Clinical Assistant Visiting Neuro-psychiatrist, Bellevue Hospital. (A.B. 1934, M.D. 1938, Johns Hopkins. [1939; 1946])



# GENERAL STATEMENT

## HISTORY

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

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

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

## THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

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

The New York Hospital was founded by Royal Charter on June 13, 1771, in the reign of King George III, and has stood throughout the life of the nation as one of the foremost hospitals in the United States, as an institution rendering service to the sick and injured, and as a center of medical education. For a number of years the hospital and the medical college had been partially affiliated. In June, 1927, an agreement was entered into between Cornell University and the New York Hospital by which the New York Hospital-Cornell Medical College Association was formed for the purpose of bringing together their facilities

and cooperating in the care of patients, in medical education, and in medical research. In order to harmonize the interests of the hospital and of the medical college, the Joint Administrative Board was formed consisting of three representatives of each institution and a seventh member elected by those appointed by the hospital and by the university.

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

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

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

#### FACILITIES FOR INSTRUCTION

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

**CORNELL MEDICAL COLLEGE.** Instruction in the medical sciences is conducted in a group of buildings extending along York Avenue from 68th to 70th Streets, centering in a court at the end of 69th Street where the entrance to the medical college is located. This group comprises four units facing on York Avenue each of which is five stories high. The extreme northern and southern buildings connect with the central group by means of two-story structures. In this series of buildings the one to the north (unit A) is devoted entirely to the department of anatomy; the one next to this on the south (unit B) to bacteriology and immunology; the third (unit D) to physiology; the fourth (unit E) to biochemistry and pharmacology. A seven-story building (unit C) joins the buildings B and D in the center and in this are the offices of the medical college, the library, and the department of pathology. This central building of the college is joined on all floors with the central hospital building. Certain of the laboratories of the department of



public health and preventive medicine are located in the two-story building which adjoins the bacteriology unit to the north but the major part of this department is comprised in the Kips Bay-Yorkville Health Center building of the City of New York, located one-half a block west from the medical college on 69th Street.

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

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

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

#### OTHER HOSPITALS FOR CLINICAL INSTRUCTION

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

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

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

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

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

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

#### THE RUSSELL SAGE INSTITUTE OF PATHOLOGY

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

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

### THE LOOMIS LABORATORY

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

### THE LIBRARY

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

The library contains at the present time about 25,000 volumes, largely made up of complete sets of important journals in the fields of clinical medicine and the medical sciences, in English, German, and French. There are also well-selected collections of monographs, textbooks, and reprints.

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

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

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

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

## REQUIREMENTS FOR ADMISSION AND GRADUATION

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

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

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

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

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

Although the requirements outlined above form the basis of eligibility for admission to the medical course, they should be considered as representing the irreducible minimum. The list contains a total of thirty credit points which probably represents sufficient time to enable the student to obtain a basic preparation in these different fields. In many colleges, however, additional credits in one or more of these departments are required of the candidate in order to satisfy major requirements for the degree. In making the choice of elective courses, consideration should be given to the principle that thorough training in the sciences is essential. On the other hand, too many elective courses in these departments may not provide the most acceptable preparation



for medicine, since it tends to limit the time available for study in other departments offering work of a broad educational value.

The work in organic chemistry is particularly valuable and should be carried far enough to give a thorough command of this subject; likewise, a course in quantitative analysis will be found most useful in rounding out the training in chemistry. A course in comparative embryology affords a good background on which to build the teaching in this subject in the early part of the medical course. 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-examinations are ineligible for re-admission into the medical college, unless under special circumstances they are permitted by the Faculty to repeat courses in which their work was deficient.

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

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

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

### REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years, and be of good moral character.

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

### EXAMINATIONS FOR MEDICAL LICENSURE

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

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.

|  |    |
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| STUDENT HOSPITALIZATION INSURANCE, for calendar year | 12 |
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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.

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|--|----|
| BOOKS. A conservative estimate for academic year | 75 |
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### RESIDENCE AND LIVING EXPENSES

Accommodations are available for 220 students in temporary quarters pending completion of a Student Residence. In these facilities the

rooms are ample in size and each provides space to accommodate two students. The location is within one block of the Medical College and rentals are held to a moderate price range. Applications may be made for room reservations at the time of acceptance to enter the Medical College.

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

1. *FOR GENERAL EFFICIENCY.* In commemoration of John Metcalfe Polk, an instructor in this college, who was graduated from Cornell University Medical College on June 7, 1899, and died on March 29, 1904, prizes will be presented at each commencement to the three students having the highest standing for the four years' work. Only those who have taken the full course of study at Cornell University Medical College are eligible. The first prize is \$250, the second \$100, and the third \$50.
2. *FOR EFFICIENCY IN OPHTHALMOLOGY.* Two prizes, the first of \$50, the second of \$25, are offered by Professor Bernard Samuels to the two students of the graduating class who make the best records in Ophthalmology.
3. *FOR EFFICIENCY IN OTOLARYNGOLOGY.* Two prizes, the first of \$50, the second of \$25, are offered by members of the staff of otolaryngology to the two students of the graduating class who make the best record in this speciality.
4. *FOR EFFICIENCY IN OBSTETRICS.* Two prizes, the first of \$60, the second of \$30, have been endowed by an anonymous donor in recognition of the work of Dr. Gustav Seeligman in obstetrics, to be given to the two students of the graduating class who have made the best records in obstetrics.
5. *FOR EFFICIENCY IN GENERAL MEDICINE.* The income from \$1,000 is offered as a prize for general efficiency in the Department of Medicine, in commemoration of Alfred Moritz Michaelis, who was graduated from Cornell University Medical College on June 11, 1925, and who died during his internship at Mt. Sinai Hospital, April 24, 1926. Presented at each commencement to a member of the graduating class who has pursued the full course at Cornell University Medical College.
6. *THE MARY ALDRICH FUND.* In memory of William Mecklenburg Polk, M.D., LL.D., first dean of the Medical College, two prizes are offered for proficiency in research to regularly matriculated students of the Cornell University Medical College, the first of \$150, and the second of \$50. Members of all classes are eligible for these prizes.

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

Papers are submitted in quadruplicate in a sealed envelope marked,

"Dean William Mecklenburg Polk Memorial Prize Committee," and must be in the Administrative Office not later than two weeks prior to the end of each academic year.

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

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

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

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

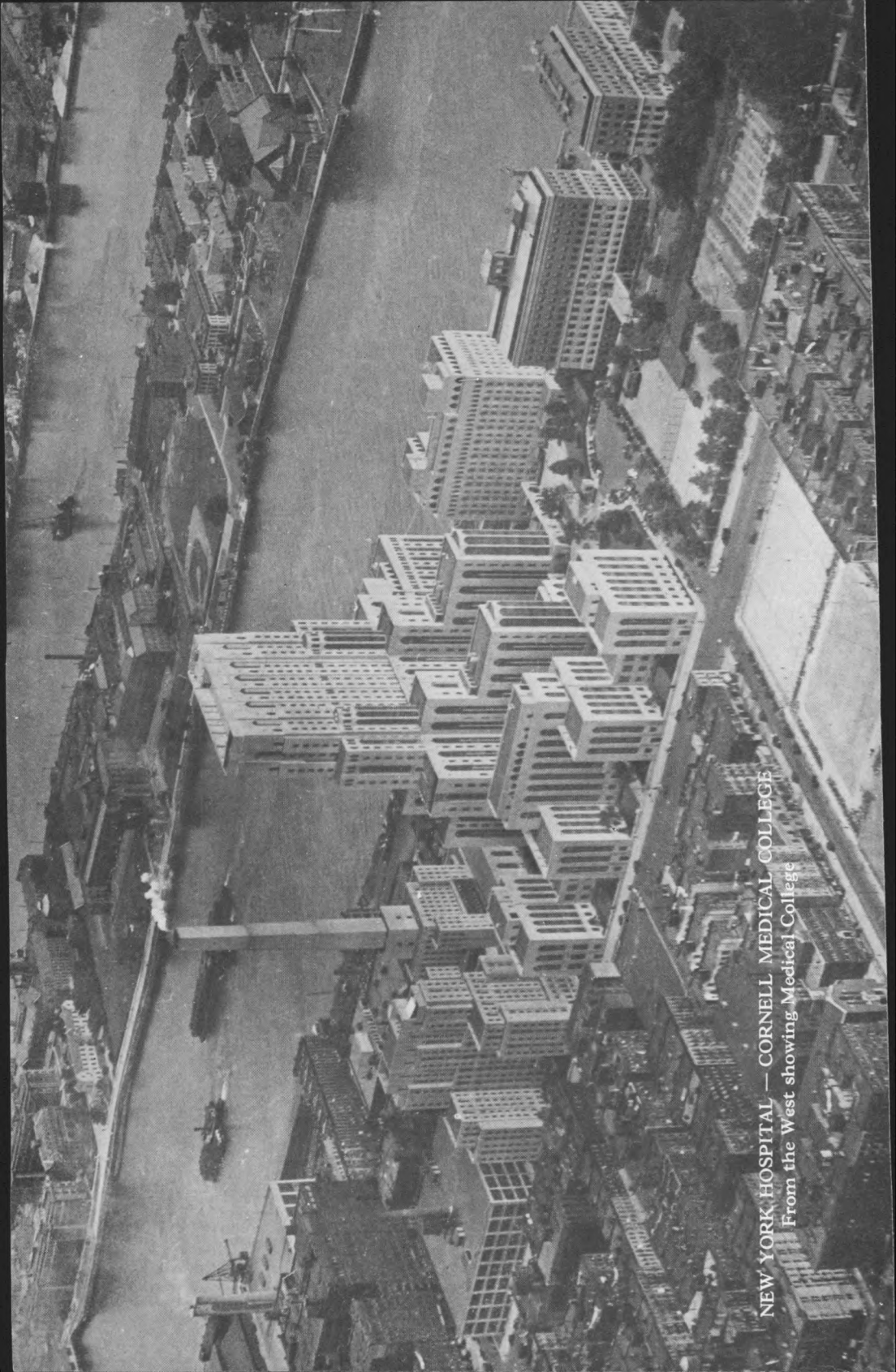
1. "All persons in the graduating class of the Medical College of Cornell University who, during any year while enrolled in the College, have carried out undergraduate research in the medical field shall be eligible for the Borden Undergraduate Research Award in Medicine. The Award shall be presented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

### SCHOLARSHIPS

1. *THE JOHN METCALFE POLK SCHOLARSHIP.* A gift under the will of William Mecklenburg Polk, the first Dean of the medical

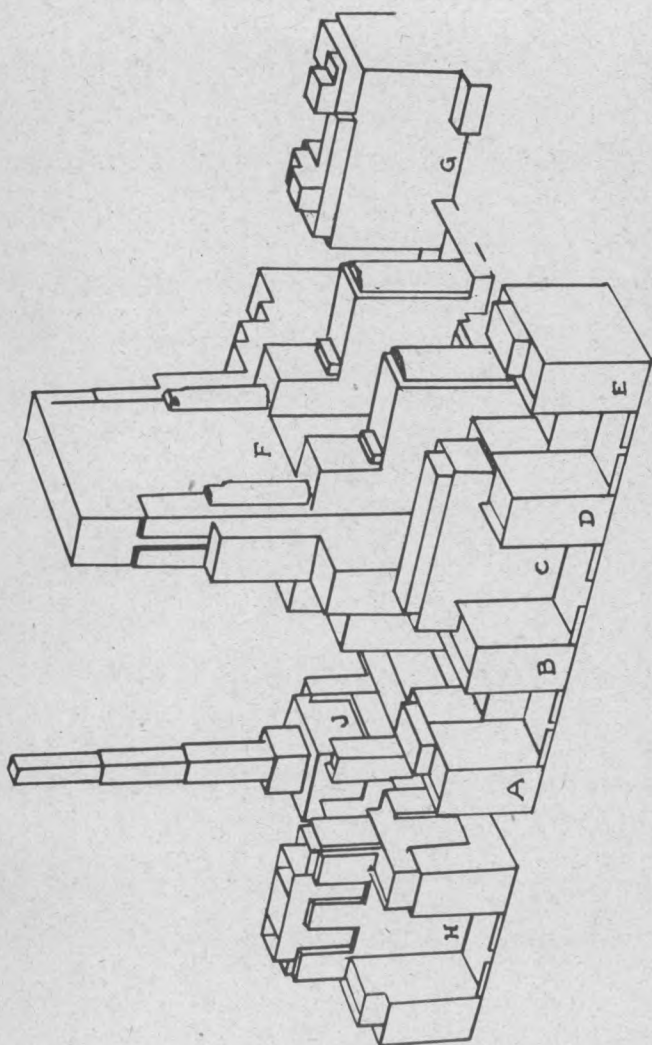


NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE  
From the East showing Hospital



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





KEY TO THE PHOTOGRAPH ON THE OPPOSITE PAGE

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

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 1947. 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.

## SIGMA XI

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

## CORNELL UNIVERSITY MEDICAL COLLEGE

## ALUMNI ASSOCIATION, INC.

|                                 |                |
|---------------------------------|----------------|
| Connie M. Guion, '17 . . . . .  | President      |
| Willis M. Weeden, '19 . . . . . | Vice President |
| Mary M. Crawford, '07 . . . . . | Secretary      |
| Paul Reznikoff, '20 . . . . .   | Treasurer      |

*Directors*

|                        |                        |
|------------------------|------------------------|
| Horace S. Baldwin, '21 | Douglass Palmer, '15   |
| Katharine Butler, '35  | Ramsay Spillman, '17   |
| George H. Hyslop, '19  | S. Bernard Wortis, '27 |

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

|                                |                                |
|--------------------------------|--------------------------------|
| Nelson W. Cornell, '21 . . . . | 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.*



## DESCRIPTION OF COURSES 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.

JOHN MacLEOD, Assistant Professor of Anatomy.

CHARLES BERRY, Instructor in Anatomy.

ERNEST W. LAMPE, Instructor in Anatomy.

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

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

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

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

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

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

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

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

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

*COURSES OPEN TO SPECIAL STUDENTS<sup>1</sup>...* 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.

<sup>1</sup>Fees for the courses do not include matriculation<sup>a</sup> 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.

DORIS M. HAMILTON, Assistant in Bacteriology and Immunology.

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

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

## BIOCHEMISTRY

VINCENT du VIGNEAUD, Professor of Biochemistry.  
WILLIAM H. SUMMERSON, Associate Professor of Biochemistry.  
JOSEPH P. CHANDLER, Assistant Professor of Biochemistry.  
DONALD B. MELVILLE, Assistant Professor of Biochemistry.  
JULIAN R. RACHELE, Assistant Professor of Biochemistry.  
ROY W. BONSNES, Instructor in Biochemistry.  
GEORGE B. BROWN, Instructor in Biochemistry.  
FREDERICK H. CARPENTER, Research Associate in Biochemistry.  
ARTHUR H. LIVERMORE, Research Associate in Biochemistry.  
COSMO G. MACKENZIE, Research Associate in Biochemistry.  
MARY ELIZABETH WRIGHT, Research Associate in Biochemistry.  
MARTHA F. FARGER, Assistant in Biochemistry.  
ELIZABETH B. KELLER, Assistant in Biochemistry.  
JOHANNA M. LEE, Assistant in Biochemistry.  
CHESTER W. PARTRIDGE, Assistant in Biochemistry.  
JOHN E. WILSON, Assistant in Biochemistry.

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

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

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

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

88 hours second term.

99 hours third term.

## ELECTIVE COURSES

*ADVANCED LABORATORY WORK OR RESEARCH.* By special arrangement.

## COURSES OPEN TO SPECIAL STUDENTS

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



## MEDICINE

DAVID P. BARR, Professor of Medicine.  
RUSSELL L. CECIL, Professor of Clinical Medicine.  
CONNIE M. GUION, Professor of Clinical Medicine.  
LOUIS HAUSMAN, Professor of Clinical Medicine (Neurology).  
FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).  
WILLIAM S. LADD, Professor of Clinical Medicine.  
ASA L. LINCOLN, Professor of Clinical Medicine.  
PAUL REZNIKOFF, Professor of Clinical Medicine.  
JOSEPH C. ROPER, Professor of Clinical Medicine.  
LEWIS D. STEVENSON, Professor of Clinical Medicine (Neurology).  
JOHN E. DEITRICK, Associate Professor of Medicine.  
CARY EGGLESTON, Associate Professor of Clinical Medicine.  
CLAUDE E. FORKNER, Associate Professor of Clinical Medicine.  
RICHARD H. FREYBERG, Associate Professor of Clinical Medicine.  
GEORGE M. LEWIS, Associate Professor of Clinical Medicine (Dermatology).  
WALSH McDERMOTT, Associate Professor of Medicine.  
ADE T. MILHORAT, Associate Professor of Medicine.  
CARL MUSCHENHEIM, Associate Professor of Clinical Medicine.  
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.  
ROBERT F. WATSON, Associate Professor of Medicine.  
HAROLD G. WOLFF, Associate Professor of Medicine (Neurology).  
IRVING S. WRIGHT, Associate Professor of Clinical Medicine.  
THOMAS P. ALMY, Assistant Professor of Medicine.  
HORACE S. BALDWIN, Assistant Professor of Clinical Medicine.  
JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.  
PAUL A. BUNN, Assistant Professor of Medicine.  
LLOYD F. CRAVER, Assistant Professor of Clinical Medicine.  
EDWARD CUSSLER, Assistant Professor of Clinical Medicine.  
PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).  
HENRY S. DUNNING, Assistant Professor of Clinical Medicine.  
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).  
EDGAR MAYER, Assistant Professor of Clinical Medicine.  
THEODORE W. OPPEL, 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.  
NORMAN PLUMMER, Assistant Professor of Clinical Medicine.  
GEORGE A. SCHUMACHER, Assistant Professor of Medicine.  
DONALD J. SIMONS, Assistant Professor of Clinical Medicine.  
J. JAMES SMITH, Assistant Professor of Medicine.  
RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).  
EDWARD TOLSTOI, Assistant Professor of Clinical Medicine.

BRUCE WEBSTER, Assistant Professor of Clinical Medicine.  
CHARLES H. WHEELER, Assistant Professor of Clinical Medicine.  
GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical Pathology)  
STEWART G. WOLF, JR., Assistant Professor of Medicine.  
ELISABETH ADAMS, Instructor in Medicine.  
ABRAHAM A. ANTOVILLE, Instructor in Medicine.  
Z. TAYLOR BERCOVITZ, Instructor in Medicine.  
RUTH P. BERKLEY, Instructor in Medicine.  
GEORGE E. BINKLEY, Instructor in Medicine.  
KEEVE BRODMAN, Instructor in Medicine.  
HALLA BROWN, Instructor in Medicine.  
VERONICA BROWN, Instructor in Medicine.  
EDWARD A. BURKHARDT, Instructor in Medicine.  
KATHERINE BUTLER, Instructor in Medicine.  
ANNE C. CARTER, Instructor in Medicine.  
EUGENE J. COHEN, Instructor in Medicine.  
FRANK E. CORMIA, Instructor in Medicine.  
HENRY A. CROMWELL, Instructor in Medicine.  
FRANCOIS J. DePRUME, Instructor in Medicine.  
MONROE K. DIAMOND, Instructor in Medicine.  
EDWARD M. DODD, Instructor in Medicine.  
ALBERT J. ERDMAN, JR., Instructor in Medicine.  
EMIL A. FALK, Instructor in Medicine.  
LAWRENCE FARMER, Instructor in Medicine.  
AARON FEDER, Instructor in Medicine.  
WILLIAM GRACE, Instructor in Medicine.  
THOMAS N. GRAHAM, Instructor in Medicine.  
SIDNEY GREENBERG, Instructor in Medicine.  
LOUIS A. HAUSER, Instructor in Medicine.  
GEORGE W. HEBARD, Instructor in Medicine.  
REID R. HEFFNER, Instructor in Medicine.  
HERMAN G. HELPERN, Instructor in Medicine.  
DELAVAN V. HOLMAN, Instructor in Medicine.  
EVELYN HOLT, Instructor in Medicine.  
FREDDY HOMBURGER, Instructor in Medicine.  
LESLIE A. HOMRICH, Instructor in Medicine.  
FREDERICK H. HOWARD, Instructor in Medicine.  
LEIF Y. JACOBSEN, Instructor in Medicine.  
SCOTT JOHNSON, Instructor in Medicine.  
WILLIAM H. KAMMERER, Instructor in Medicine.  
GEORGE L. KAUER, JR., Instructor in Medicine.  
HERBERT KOTEEN, Instructor in Medicine.  
E. CHARLES KUNKLE, JR., Instructor in Medicine.  
MICHAEL LAKE, Instructor in Medicine.  
ROGER F. LAPHAM, Instructor in Medicine.  
EDGAR A. LAWRENCE, Instructor in Medicine.  
DOROTHEA LEMCKE, Instructor in Medicine.  
WILLIAM H. LEWIS, JR., Instructor in Medicine.  
SOL S. LICHTMAN, Instructor in Medicine.  
ROBERT M. LINTZ, Instructor in Medicine.  
ROBERT O. LOEBEL, Instructor in Medicine.  
ISABEL LONDON, Instructor in Medicine.  
MARSH McCALL, Instructor in Medicine.

A. PARKS McCOMBS, Instructor in Medicine.  
 RICHARD R. McCORMACK, Instructor in Medicine.  
 KIRBY MARTIN, Instructor in Medicine.  
 ROBERT H. MELCHIONNA, Instructor in Medicine.  
 L. MARY MOENCH, Instructor in Medicine.  
 WILLIS A. MURPHY, Instructor in Medicine.  
 FREDERICK REISS, Instructor in Medicine.  
 CHARLES H. RESSLER, Instructor in Medicine.  
 JULIUS L. ROGOFF, Instructor in Medicine.  
 SOPHIE A. ROOT, Instructor in Medicine.  
 JOSEPH F. SABBATINO, Instructor in Medicine.  
 THERESA SCANLAN, Instructor in Medicine.  
 MABEL G. SILVERBERG, Instructor in Medicine.  
 AARON D. SPIELMAN, Instructor in Medicine.  
 ISRAEL STEINBERG, Instructor in Medicine.  
 JOHN W. STICKNEY, Instructor in Medicine.  
 WILLIAM D. STUBENBORD, Instructor in Medicine.  
 ARTHUR M. SUTHERLAND, Instructor in Medicine.  
 KATHARINE W. SWIFT, Instructor in Medicine.  
 ALPHONSE TIMPANELLI, Instructor in Medicine.  
 RALPH R. TOMPSETT, Instructor in Medicine.  
 MAURICE TULIN, Instructor in Medicine.  
 RUSSELL TWISS, 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.  
 BEATRICE BERLE, Research Associate in Medicine.  
 WILLIAM T. FOLEY, Research Associate in Medicine.  
 ROBERT F. FURCHGOTT, Research Associate in Medicine.  
 ANDREW D. HART, JR., Research Associate in Medicine.  
 ABRAHAM MAZUR, Research Associate in Medicine.  
 BELA MITTELMAN, Research Associate in Medicine.  
 GEORGE C. ARMISTEAD, Assistant in Medicine.  
 ROBERT F. FARRINGTON, Assistant in Medicine.  
 ROSEMARY V. GORMAN, Assistant in Medicine.  
 ROBERT P. GRANT, Assistant in Medicine.  
 SUSAN J. HADLEY, Assistant in Medicine.  
 EUGENE L. HORGER, Assistant in Medicine.  
 CARLTON C. HUNT, Assistant in Medicine.  
 JOHN F. MARCHAND, Assistant in Medicine.  
 MARY ANN PAYNE, Assistant in Medicine.  
 CLEMENT B. POTELUNAS, Assistant in Medicine.  
 EDWARD M. SHEPARD, Assistant in Medicine.  
 WILLIAM P. SIMMONDS, Assistant in Medicine.  
 CHARLES W. SORENSON, Assistant in Medicine.  
 THEODORE F. TREUTING, Assistant in Medicine.  
 HAROLD N. WILLARD, Assistant in Medicine.  
 WILLIAM G. WOODIN, 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).

HELEN GOODELL, Research Fellow in Medicine.

MARY ELLEN HOPPER, Research Fellow in Medicine.

CLARA TORDA, Research Fellow in Medicine.

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 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 epidemiological control. There is close cooperation with the department of psychiatry in the study of the neuroses and early manifestations of psychoses found in the wards and dispensary.

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



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

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

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

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

#### ELECTIVE COURSES

During the fourth year elective courses will be given as follows:

**CLINICAL ENDOCRINOLOGY**...Limited to two students—Tuesday, Thursday, and Saturday mornings. Doctor Shorr. This course will be practical work with patients and will cover the therapy of definite endocrinological diseases.

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

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

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

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

#### FORENSIC MEDICINE...

(a) *A series of 12 lectures* given by Doctor Milton Helpert. 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 Clinical 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 Clinical Obstetrics and Gynecology.  
HERVEY C. WILLIAMSON, Associate Professor of Clinical Obstetrics and Gynecology.  
WILLIAM H. CARY, Assistant Professor of Clinical Obstetrics and Gynecology.  
OGDEN F. CONKEY, Assistant Professor of Clinical Obstetrics and Gynecology.  
W. HALL HAWKINS, Assistant Professor of Clinical Obstetrics and Gynecology.  
CARL T. JAVERT, Assistant Professor of Obstetrics and Gynecology.  
HOWARD S. McCANDLISH, Assistant Professor of Clinical Obstetrics and Gynecology.  
JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.  
CHARLES M. McLANE, Assistant Professor of Clinical Obstetrics and Gynecology.  
JOHN A. O'REGAN, Assistant Professor of Clinical Obstetrics and Gynecology.  
MEYER ROSENTOHN, Assistant Professor of Clinical Obstetrics and Gynecology.  
FRANK R. SMITH, Assistant Professor of Clinical Obstetrics and Gynecology.  
ROY W. BONSNES, Instructor in Obstetrics and Gynecology.  
ROBERT L. CRAIG, Instructor in Obstetrics and Gynecology.  
EDWARD H. DENNEN, Instructor in Obstetrics and Gynecology.  
WILBUR M. DIXON, Instructor in Obstetrics and Gynecology.  
LYNN L. FULKERSON, Instructor in Obstetrics and Gynecology.  
RALPH W. GAUSE, Instructor in Obstetrics and Gynecology.  
ARTHUR V. GREELEY, Instructor in Obstetrics and Gynecology.  
CURTIS L. MENDELSON, 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.  
BRUCE F. P. WILLIAMS, Instructor in Obstetrics and Gynecology.  
THOMAS L. BALL, Assistant in Obstetrics and Gynecology.  
JOHN T. COLE, Assistant in Obstetrics and Gynecology.  
CHARLES E. DOUGHERTY, Assistant in Obstetrics and Gynecology.  
FREDERICK W. FINN, Assistant in Obstetrics and Gynecology.  
J. RANDOLPH GEPFERT, Assistant in Obstetrics and Gynecology.  
JOHN W. H. GLASSER, Assistant in Obstetrics and Gynecology.  
OSCAR GLASSMAN, Assistant in Obstetrics and Gynecology.  
HENRY D. HUMPHREY, Assistant in Obstetrics and Gynecology.  
ELMER E. KRAMER, Assistant in Obstetrics and Gynecology.  
ROBERT LANDESMAN, Assistant in Obstetrics and Gynecology.  
JOHN F. McALLISTER, Assistant in Obstetrics and Gynecology.  
PAUL F. MUELLER, Assistant in Obstetrics and Gynecology.  
ERWIN FLETCHER SMITH, Assistant in Obstetrics and Gynecology.  
WINSTON L. SUMMERLIN, Assistant in Obstetrics and Gynecology.  
CHARLES T. SNYDER, Assistant in Obstetrics and Gynecology.  
EBEN D. TISDALE, Assistant in Obstetrics and Gynecology.  
HOWARD L. WILCOX, 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, WILLIAMSON, JAVERT, and McLANE. Total hours, 66.

*COURSE II. PRACTICAL INSTRUCTION*. To one-third of the class throughout each of the three terms are offered abdominal palpation and pelvic examination on Monday from 10 to 11 a.m.; and 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, 66 for Courses II, III, and IV.

## III. FOURTH YEAR

*MAJOR PRACTICAL OBSTETRICS AND GYNECOLOGY*...This course comprises practical work in obstetrics and gynecology and is the sequel to the theoretical instruction offered to the third year students. Each student will live in the Woman's Clinic for a period of two months, during which time he will act as a clinical assistant in the obstetrical and gynecological departments, hospital wards, and delivery and operating rooms. He will be provided with sleeping accommodations, but not with board.

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

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

## ELECTIVE COURSES

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



## PATHOLOGY

JOHN G. KIDD, Professor of Pathology.  
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.  
CHARLES T. OLCOTT, Assistant Professor of Pathology.  
PAUL F. DeGARA, Instructor in Pathology.  
MILTON HELPERN, Instructor in Pathology.  
ROBERT H. MORE, Research Associate in Pathology.  
AARON KELLNER, Assistant in Pathology.  
HELENE M. TOOLAN, Research Assistant in Pathology.  
JULES FREUND, Lecturer in Pathology.  
JUAN HENRIQUEZ, Visiting Fellow in Pathology.  
HANS U. ZÖLLINGER, Visiting Fellow in Pathology.

### GENERAL PATHOLOGY

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

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

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

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

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

Professors KIDD, OLCOTT, FLORY, and STAFF.

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

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

#### ELECTIVE COURSES

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

*NEOPLASTIC DISEASE.*...The Memorial Hospital offers to members of the fourth year class an elective course for one month, six mornings a week, 9-1 o'clock. This course consists of approximately 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.  
PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.  
MAY G. WILSON, Associate Professor of Clinical Pediatrics.  
HAROLD B. ADAMS, Assistant Professor of Clinical Pediatrics.  
ARTHUR F. ANDERSON, Assistant Professor of Clinical Pediatrics.  
HENRY L. BARNETT, Assistant Professor of Pediatrics.  
LEONA BAUMGARTNER, Assistant Professor of Clinical Pediatrics.  
CLEMENT B. P. COBB, Assistant Professor of Clinical Pediatrics.  
MARGARET DANN, Assistant Professor of Pediatrics.\*  
ROBERT O. DU BOIS, Assistant Professor of Clinical Pediatrics.  
MARTIN J. GLYNN, JR., Assistant Professor of Clinical Pediatrics.  
HARRY H. GORDON, Assistant Professor of Pediatrics.  
HELEN HARRINGTON, Assistant Professor of Clinical Pediatrics.  
FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.  
HEDWIG KOENIG, Assistant Professor of Clinical Pediatrics.  
MILTON I. LEVINE, Assistant Professor of Clinical Pediatrics.  
CHARLES H. O'REGAN, Assistant Professor of Clinical Pediatrics.  
JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.  
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.  
WALTER T. CARPENTER, JR., Instructor in Pediatrics.  
PAUL F. de GARA, Instructor in Pediatrics.  
SAMUEL W. DOOLEY, Instructor in Pediatrics.  
HELENE ELIASBERG, Instructor in Pediatrics.  
JANE E. ERGANIAN, Instructor in Pediatrics.  
JOHN E. FRANKLIN, Instructor in Pediatrics.  
OLGA B. FURTH, Instructor in Pediatrics.  
THOMAS F. HENLEY, Instructor in Pediatrics.  
JAMES Q. HARALAMBIE, Instructor in Pediatrics.  
EDMUND N. JOYNER, III, Instructor in Pediatrics.  
PHYLLIS H. KOTTEEN, Instructor in Pediatrics.  
MARTHA F. LEONARD, Instructor in Pediatrics.  
SHIRLEY A. MAYER, Instructor in Pediatrics.  
MARION McILVEEN, Instructor in Pediatrics.  
LOIS M. SMEDLEY, Instructor in Pediatrics.  
MARTHA L. SMITH, Instructor in Pediatrics.  
BENJAMIN McL. SPOCK, Instructor in Pediatrics.  
ALFRED J. VIGNEC, Instructor in Pediatrics.  
LOUIS E. WEYMULLER, Instructor in Pediatrics.  
GEORGE M. WHEATLEY, Instructor in Pediatrics.  
ELANE ALLEN, Assistant in Pediatrics.  
W. RANDAL BELL, Assistant in Pediatrics.  
BENJAMIN W. BULLEN, Assistant in Pediatrics.  
PETER A. DUNCAN, Assistant in Pediatrics.

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\*On leave of absence.

LEWIS M. FRAAD, Assistant in Pediatrics.  
MARGARET E. GEIB, Assistant in Pediatrics.  
BERNARD LASKI, Assistant in Pediatrics.  
ROWLAND L. MINDLIN, Assistant in Pediatrics.  
THOMAS E. MOSHER, Assistant in Pediatrics.  
JOSHUA M. PERMAN, Assistant in Pediatrics.  
THOMAS L. RIDER, Assistant in Pediatrics.  
STANLEY S. ZIPSER, Assistant in Pediatrics.  
ALAN W. FRASER, Fellow in Pediatrics.  
MARY E. MERCER, Fellow in Pediatrics.  
RICHARD E. WOLF, Fellow in Pediatrics.  
HENRY H. WORK, JR., Fellow in Pediatrics.  
NATHAN EPSTEIN, Research Fellow in Pediatrics.  
HENRY P. GOLDBERG, Research Fellow in Pediatrics.

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

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

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

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

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



## PHARMACOLOGY

McKEEN CATTELL, Professor of Pharmacology.  
HARRY GOLD, Associate Professor of Pharmacology.  
MAYNARD B. CHENOWETH, Assistant Professor of Pharmacology.  
WALTER MODELL, Instructor in Pharmacology.  
WALTER F. RIKER, JR., Instructor in Pharmacology.  
JANET TRAVELL, Instructor in Pharmacology.  
OSCAR BODANSKY, Research Associate in Pharmacology.  
PAUL A. BUNN, Assistant in Pharmacology (Therapeutics).  
JOSEPH G. BENTON, Research Fellow in Pharmacology.  
DONALD A. CLARKE, Research Fellow in Pharmacology.  
L. W. HANLON, 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 pharmacology 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.  
WILLIAM H. CHAMBERS, Associate Professor of Physiology.  
DAYTON J. EDWARDS, Associate Professor of Physiology.  
JAMES D. HARDY, Assistant Professor of Physiology.  
CHARLES O. WARREN, Assistant Professor of Physiology.  
ROBERT FURCHGOTT, Instructor in Physiology.  
JOHN MacLEOD, Instructor in Physiology.  
CHARLES H. RICHARDS, Instructor in Physiology.  
ROBERT M. BIRD, Research Associate in Physiology.  
HUGH De HAVEN, Research Associate in Physiology.

*FIRST YEAR*...Lectures, laboratory demonstrations and conferences. Physiology of muscle and nerve, respiration, blood, heart, circulation, and kidney. The laboratory work one full day a week includes experiments on these subjects. 121 hours.  
*SECOND YEAR*...Lectures, laboratory demonstrations, and conferences. Physiology of central nervous system, special senses, gland secretion and digestion, metabolism, and the endocrine organs. The laboratory exercises one full day a week deal with these subjects. 132 hours.

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

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

### ELECTIVE COURSES

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

### COURSES OPEN TO SPECIAL STUDENTS

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

## PSYCHIATRY

OSKAR DIETHELM, Professor of Psychiatry.  
CLARENCE O. CHENEY, Professor of Clinical Psychiatry.  
PHYLLIS GREENACRE, Professor of Clinical Psychiatry.  
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.  
WILLIAM H. DUNN, Assistant Professor of Clinical Psychiatry.  
GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.  
NORVELLE C. LaMAR, Assistant Professor of Clinical Psychiatry.  
HERBERT S. RIPLEY, Assistant Professor of Psychiatry.  
FRED V. ROCKWELL, Assistant Professor of Psychiatry.  
JOHN H. TRAVIS, Assistant Professor of Clinical Psychiatry.  
JAMES H. WALL, Assistant Professor of Clinical Psychiatry.  
EDWARD B. ALLEN, Instructor in Psychiatry.  
VALER BARBU, Instructor in Psychiatry.  
CHARLES BOHNENGEL, Instructor in Psychiatry.  
SARA A. BONNETT, Instructor in Psychiatry.  
A. LOUISE BRUSH, Instructor in Psychiatry.  
HELEN E. DANIELLS, Instructor in Psychiatry.  
JOHN E. HUGHES, Instructor in Psychiatry.  
RICHARD N. KOHL, Instructor in Psychiatry.  
JOHN P. LAMBERT, Instructor in Psychiatry.  
WILLIAM T. LHAMON, Instructor in Psychiatry.  
HAROLD W. LOVELL, Instructor in Psychiatry.  
LILLIAN McGOWAN, Instructor in Psychiatry.  
CHRISTIAN F. MIDELFORT, Instructor in Psychiatry.  
JEROME L. SAPERSTEIN, Instructor in Psychiatry.  
HANS SYZ, Instructor in Psychiatry.  
KATHARINE F. WOODWARD, Instructor in Psychiatry.  
J. LOUISE DESPERT, Research Associate in Psychiatry.  
BELA MITTELMANN, Research Associate in Psychiatry.  
EMIL OBERHOLZER, Research Associate in Psychiatry.  
ELEANOR CRISSEY, Assistant in Psychiatry.  
RALPH R. HARLOW, Assistant in Psychiatry.  
ELIZABETH V. NEW, Assistant in Psychology.  
EDA L. PRIEST, Assistant in Psychiatry.  
MARY JANE SHERFEY, Assistant in Psychiatry.  
WILLIAM D. STANCIL, Assistant in Psychiatry.  
NOBE E. STEIN, Assistant in Psychiatry.  
JOSEPH D. SULLIVAN, Assistant in Psychiatry.  
NATHANIEL WARNER, Assistant in Psychiatry.  
WALTER D. WOODWARD, Assistant in Psychiatry.  
HAROLD S. WRIGHT, Assistant in Psychiatry.  
CLINTON H. BAGENSTOSE, Fellow in Psychiatry.  
ALAN T. FRASER, Fellow in Psychiatry.  
RICHARD E. WOLF, Fellow in Psychiatry.  
HENRY H. WORK, Fellow in Psychiatry.

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

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

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

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

Case presentations are given throughout the year in clinics on Saturdays from 11 to 12 o'clock. The clinical, investigative, and therapeutic aspects, as well as legal and social problems, are discussed. A series of lectures with case discussions deals with the psychopathology of childhood and the management of related difficulties. Total hours, 66.

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

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



## PUBLIC HEALTH AND PREVENTIVE MEDICINE

WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.  
MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.  
LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine.  
HERBERT R. EDWARDS, Assistant Professor of Public Health and Preventive Medicine.  
FRANKLIN M. FOOTE, Assistant Professor of Public Health and Preventive Medicine.  
ELISE S. L'ESPERANCE, Assistant Professor of Public Health and Preventive Medicine.  
MYRON E. WEGMAN, Assistant Professor of Public Health and Preventive Medicine.  
SAMUEL R. BERENBERG, Instructor in Public Health and Preventive Medicine.  
AARON D. CHAVES, Instructor in Public Health and Preventive Medicine.  
SIDNEY I. GOLDBERG, Instructor in Public Health and Preventive Medicine.  
PHILIP OLLSTEIN, Instructor in Public Health and Preventive Medicine.  
IRVING RAPPAPORT, Instructor in Public Health and Preventive Medicine (Parasitology).  
RALPH TOMPSETT, Instructor in Public Health and Preventive Medicine.  
DENNIS R. A. WHARTON, Instructor in Public Health and Preventive Medicine (Parasitology).  
WALTER WOODWARD, Assistant 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 diseases are given proper consideration, and the therapy of these conditions is discussed carefully.

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

*PUBLIC HEALTH*... The course in Public Health begins in the third term of the second year. Lectures are given every Saturday from 12 to 1. Each Wednesday afternoon from 2 to 5 is devoted to laboratory or field exercises, planned to illustrate the lectures. The essential material covered in this term relates to community health protection, including the control of water supplies, sewage disposal, and the sanitation of food. Housing is studied in relation to its various social and hygienic aspects, as well as air-borne infection and the problems of industrial hygiene. 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, housing, the New York City Health Department's diagnostic laboratory service, and other pertinent matters. Total hours, 44.

## THIRD YEAR

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

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

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

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

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

## ELECTIVE COURSES

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

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

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

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

## RADIOLOGY

HAROLD L. TEMPLE, Professor of Radiology.

SYDNEY WEINTRAUB, Associate Professor of Clinical Radiology.

ALFRED F. HOCKER, Assistant Professor of Radiology.

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

JOSEPH V. SULLIVAN, Assistant Professor of Radiology.

STEPHEN WHITE, Assistant Professor of Radiology.

GEORGE JASPIN, Instructor in Radiology.

ALFRED W. KANY, Instructor in Radiology.

IRVING SCHWARTZ, Instructor in Radiology.

ROBERT S. SHERMAN, Instructor in Radiology.

ARTHUR J. TILLINGHAST, Instructor in Radiology.

LUCILLE M. BOND, Lecturer in Radiology.

E. FORREST MERRILL, Lecturer in Radiology.

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

The didactic work consists of a series of 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. Added attention is 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.  
FRANK E. ADAIR, Associate Professor of Clinical Surgery.  
WILLIAM DeW. ANDRUS, Associate Professor of Surgery.  
WILLIAM A. BARNES, Associate Professor of Clinical Surgery.  
HERBERT CONWAY, Associate Professor of Clinical Surgery.  
WILLIAM A. COOPER, Associate Professor of Clinical Surgery.  
NELSON W. CORNELL, Associate Professor of Clinical Surgery (Orthopedics).  
PAUL A. DINEEN, Associate Professor of Clinical Surgery.  
GUILFORD S. DUDLEY, Associate Professor of Clinical Surgery.  
JOHN H. ECKEL, Associate Professor of Clinical Surgery.  
FRANK GLENN, Associate Professor of Clinical Surgery.  
CRANSTON W. HOLMAN, Associate Professor of Clinical Surgery.  
ROBERT S. HOTCHKISS, Associate Professor of Clinical Surgery (Urology).  
HOWARD S. JECK, Associate Professor of Clinical Surgery (Urology).  
FREDERICK L. LIEBOLT, Associate Professor of Clinical Surgery (Orthopedics).  
GERVAIS W. McAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).  
WILLIAM F. MacFEE, Associate Professor of Clinical Surgery.  
VICTOR F. MARSHALL, Associate Professor of Clinical Surgery (Urology).  
SAMUEL W. MOORE, Associate Professor of Clinical Surgery.  
ARTHUR PALMER, Associate Professor of Clinical Surgery (Otolaryngology).  
RUSSEL H. PATTERSON, Associate Professor of Clinical Surgery.  
E. COOPER PERSON, JR., Associate Professor of Clinical Surgery.  
BRONSON S. RAY, Associate Professor of Clinical Surgery.  
MORRIS K. SMITH, Associate Professor of Clinical Surgery.  
FRED W. STEWART, Associate Professor of Surgical Pathology.  
PRESTON A. WADE, Associate Professor of Clinical Surgery (Orthopedics).  
IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).  
BENJAMIN S. BARRINGER, Assistant Professor of Clinical Surgery (Urology).  
HERBERT M. BERGAMINI, Assistant Professor of Clinical Surgery.  
MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).  
C. GARDENER CHILD, III, Assistant Professor of Clinical Surgery.  
BRADLEY L. COLEY, Assistant Professor of Clinical Surgery.  
ARCHIE L. DEAN, Assistant Professor of Clinical Surgery (Urology).  
JAMES A. DINGWALL, 3rd, Assistant Professor of Clinical Surgery.  
JOHN W. DRAPER, JR., Assistant Professor of Clinical Surgery (Urology).  
SEWARD ERDMAN, Assistant Professor of Clinical Surgery.  
JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.  
KRISTIAN G. HANSSON, Assistant Professor of Clinical Surgery (Orthopedics).  
GUSTAVUS A. HUMPHREYS, Assistant Professor of Clinical Surgery (Urology).  
SAMUEL F. KELLEY, Assistant Professor of Clinical Surgery (Otolaryngology).  
ERNEST W. LAMPE, Assistant Professor of Clinical Surgery.  
ALLISTER M. McLELLAN, Assistant Professor of Clinical Surgery (Urology).  
HAYES MARTIN, Assistant Professor of Clinical Surgery.  
JAMES A. MOORE, Assistant Professor of Clinical Surgery (Otolaryngology).

WILLIAM F. NICKEL, JR., Assistant Professor of Clinical Surgery.  
GEORGE T. PACK, Assistant Professor of Clinical Surgery.  
HERBERT J. RIEKERT, Assistant Professor of Clinical Surgery (Orthopedics).  
JOHN G. SCHMIDT, Assistant Professor of Clinical Surgery (Orthopedics).  
MARY WARD, Assistant Professor of Clinical Surgery (Anesthesia).  
JACOB APPLEBAUM, Instructor in Surgery (Otolaryngology).  
FRANKLIN L. ASHLEY, Instructor in Surgery (Otolaryngology).  
WILLIAM H. AYRES, Instructor in Surgery (Otolaryngology).  
ANNE M. BELCHER, Instructor in Surgery (Otolaryngology).  
EDWARD C. COATS, Instructor in Surgery (Urology).  
ARTHUR D. CONSOLE, Instructor in Surgery.  
CARLETON M. CORNELL, Instructor in Surgery.  
MICHAEL R. DEDDISH, Instructor in Surgery.  
J. EDWIN DREW, Instructor in Surgery (Urology).  
WADE DULEY, Instructor in Surgery.  
EDWARD A. DUNLAP, Instructor in Surgery (Ophthalmology).  
N. MILES FELLOWS, Instructor in Surgery.  
THOMAS J. GARRICK, Instructor in Surgery (Otolaryngology).  
DAN M. GORDON, Instructor in Surgery (Ophthalmology).  
WALTER G. HACKETT, Instructor in Surgery.  
NORMAN L. HIGINBOTHAM, Instructor in Surgery.  
FRANK J. HYNES, Instructor in Surgery (Otolaryngology).  
JOSEPH E. J. KING, Instructor in Surgery.  
ANNE E. KUHNER, Instructor in Surgery (Urology).  
FRANK J. MCGOWAN, Instructor in Surgery.  
FREDERICK C. McLELLAN, Instructor in Surgery (Urology).  
HERBERT C. MAIER, Instructor in Surgery.  
BERNARD MAISEL, Instructor in Surgery.  
GUY B. MAYNARD, JR., Instructor in Surgery.  
LEOPOLD MEHLER, Instructor in Surgery (Otolaryngology).  
PAUL E. MESSIER, Instructor in Surgery (Ophthalmology).  
LAURENCE MISCALL, Instructor in Surgery.  
EDWARD D. NEER, Instructor in Surgery (Otolaryngology).  
CHARLES NEUMANN, Instructor in Surgery.  
JOHN B. OGILVIE, Instructor in Surgery.  
ERIC C. RICHARDSON, Instructor in Surgery (Ophthalmology).  
MORRIS SCHNITTMAN, Instructor in Surgery (Urology).  
NORMAN TREVES, Instructor in Surgery.  
WILLIAM L. WATSON, Instructor in Surgery.  
WILLIS M. WEEDEN, Instructor in Surgery.  
WILLET F. WHITMORE, JR., Instructor in Surgery (Urology).  
ROSE ANDRE, Assistant in Surgery.  
JAMES W. BOYD, Assistant in Surgery.  
SAM R. BURNETT, Assistant in Surgery.  
CHARLES F. CHANDLER, Assistant in Surgery.  
ROBERT K. FELTER, Assistant in Surgery.  
CHARLES W. FINDLAY, JR., Assistant in Surgery.  
DAN C. GILL, Assistant in Surgery.  
VINCENT A. GORMAN, Assistant in Surgery.  
GLEN S. HARMAN, Assistant in Surgery.  
JAMES M. HOLMAN, Assistant in Surgery (Otolaryngology).  
RUSSELL H. HOOKER, Assistant in Surgery.  
D. REES JENSEN, Assistant in Surgery.  
CEDRIC JIMERSON, Assistant in Surgery.

EDWARD B. C. KEEFER, Assistant in Surgery.  
GERALD I. KURTZ, Assistant in Surgery (Otolaryngology).  
DAVID H. MacFARLAND, Assistant in Surgery (Urology).  
ELIZABETH M. MacNAUGHER, Assistant in Surgery (Ophthalmology).  
WARD D. O'SULLIVAN, Assistant in Surgery.  
WILLIAM C. QUINN, Assistant in Surgery.  
FRANCIS Z. REINUS, Assistant in Surgery.  
P. J. MITFORD RETIEF, Assistant in Surgery (Urology).  
CARL J. SCHMIDLAPP, 3rd, Assistant in Surgery (Urology).  
STUART S. SNYDER, Assistant in Surgery (Ophthalmology).  
PRESTON S. WEADON, Assistant in Surgery.  
JOHN R. WILLOUGHBY, Assistant in Surgery.  
CHARLES L. NEILL, JR., 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. A course in operative surgery on animals, designed to emphasize the fundamental principles of surgery, is given as an elective course each one-third of the year for students desiring this additional work.

*III. FOURTH YEAR.*...During the term assigned to surgery in the fourth year the group is divided into two sections for their activities. These rotate through the surgical diagnostic clinic, minor surgery, the orthopedic, and fracture clinic, assignment to the operating rooms for instruction in anesthesia and surgical technic, and the surgical wards where they will take part in the care of patients and gain further experience with certain types of cases. Formal instruction will consist of conferences and ward rounds, and during the present emergency at least, proper emphasis will be placed on traumatic 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, 272.

### OPHTHALMOLOGY

During the third term of the second year, the entire class receives instruction in the microscopy of the eye including the pathology of such important diseases as uveitis, glaucoma, intraocular tumors, tuberculosis, injuries, and sympathetic ophthalmia. Introduction to special 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 are rotated in small groups through the Out-Patient Department for examination, diagnosis, and treatment of patients under supervision. This is supplemented by conferences and ward rounds.

### ORTHOPEDIC SURGERY

During the trimester in surgery of the third year there are two one-hour lectures a week in orthopedic surgery including fractures which serve as an introduction to the clinical work in the surgical wards. In the fourth year students spend two weeks in the orthopedic and fracture out-patient clinics and are given one, one-hour lecture a week on orthopedic subjects by various members of the Orthopedic Staff.

### OTOLARYNGOLOGY

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

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

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

### UROLOGY

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

### ELECTIVE COURSES

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

### COURSE OFFERED TO GRADUATE STUDENTS

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



## 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.

# TABLE OF REQUIRED HOURS

|                               | <i>First</i><br><i>Year</i> | <i>Second</i><br><i>Year</i> | <i>Third</i><br><i>Year</i> | <i>Fourth</i><br><i>Year</i> | <i>Total</i> |
|-------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|--------------|
| ANATOMY .....                 | 413                         |                              |                             |                              |              |
| HISTOLOGY AND EMBRYOLOGY..    | 203                         |                              |                             |                              |              |
| NEURO-ANATOMY .....           | 88                          |                              |                             |                              | 704          |
| BIOCHEMISTRY .....            | 242                         |                              |                             |                              | 242          |
| BACTERIOLOGY .....            | 55                          | 99                           |                             |                              | 154          |
| PHYSIOLOGY .....              | 121                         | 132                          |                             |                              | 253          |
| PATHOLOGY .....               |                             | 330                          |                             |                              | 330          |
| PHARMACOLOGY .....            |                             | 110                          | 22                          |                              | 132          |
| MEDICINE:                     |                             |                              |                             |                              |              |
| PHYSICAL DIAGNOSIS .....      |                             | 132                          |                             |                              |              |
| CLINICAL PATHOLOGY .....      |                             | 99                           |                             |                              |              |
| NEUROLOGY .....               |                             | 33                           |                             |                              |              |
| TROPICAL MEDICINE .....       |                             |                              | 21                          |                              |              |
| SPECIALTIES, CLERKSHIP & OPD. |                             |                              | 330                         | 272                          |              |
| LECTURES .....                |                             | 22                           | 44                          |                              | 953          |
| SURGERY:                      |                             |                              |                             |                              |              |
| OPHTHALMOLOGY .....           |                             | 22                           |                             |                              |              |
| OPERATIVE SURGERY .....       |                             | 33                           |                             |                              |              |
| SPECIALTIES, CLERKSHIP & OPD. |                             |                              | 330                         | 272                          |              |
| LECTURES .....                |                             |                              | 33                          |                              | 690          |
| OBSTETRICS AND GYNECOLOGY:    |                             |                              |                             |                              |              |
| BACTERIOLOGY AND PATHOLOGY    |                             | 33                           |                             |                              |              |
| PRACTICAL INSTRUCTION .....   |                             |                              | 66                          | 365                          |              |
| LECTURES AND DEMONSTRATIONS   |                             |                              | 66                          |                              | 530          |
| PEDIATRICS:                   |                             |                              |                             |                              |              |
| PRINCIPLES OF NUTRITION.....  |                             | 11                           |                             |                              |              |
| PRACTICAL INSTRUCTION.....    |                             |                              | 66                          | 136                          |              |
| LECTURES .....                |                             |                              | 33                          |                              | 246          |
| PSYCHIATRY:                   |                             |                              |                             |                              |              |
| PSYCHOBIOLOGY .....           | 22                          |                              |                             |                              |              |
| PSYCHIATRY .....              |                             | 33                           | 33                          | 60                           |              |
| LECTURES .....                |                             |                              | 33                          |                              | 181          |
| PUBLIC HEALTH:                |                             |                              |                             |                              |              |
| PARASITOLOGY .....            |                             | 33                           |                             |                              |              |
| FIELD AND SECTION WORK.....   |                             | 33                           | 33                          |                              |              |
| LECTURES .....                |                             | 11                           | 66                          |                              | 176          |
| RADIOLOGY .....               |                             | 11                           |                             |                              | 11           |
| ELECTIVE HOURS .....          |                             |                              | (66)                        | (80)                         |              |
| TOTALS.....                   | 1144                        | 1177                         | 1176                        | 1105                         | 4602         |

( ) Elective time not included in totals.

THE MEDICAL COLLEGE  
FIRST YEAR SCHEDULE  
1946-1947

| 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   |              |           |               | Biochemistry |              |          |
| 3-4   | Anatomy      | Histology |               |              | Anatomy      |          |
| 4-5   |              |           | (Spec. Lect.) |              |              |          |

| Hours | Monday    | Tuesday      | Wednesday             | Thursday     | Friday    | Saturday     |
|-------|-----------|--------------|-----------------------|--------------|-----------|--------------|
| 9-10  | Histology | Anatomy      | Anatomy*<br>Histology | Anatomy      | Histology | Anatomy      |
| 10-11 |           |              |                       |              |           |              |
| 11-12 |           |              |                       |              |           |              |
| 12-1  |           |              |                       |              |           | Biochemistry |
| 1-2   |           |              |                       |              |           |              |
| 2-3   |           | Biochemistry | Library<br>Lectures** | Biochemistry |           |              |
| 3-4   | Anatomy   |              |                       |              | Anatomy   |              |
| 4-5   |           |              |                       |              |           |              |

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

\*Approximately 7 sessions Anatomy and 4 Histology.

\*\*When Scheduled.

() When Scheduled.



## SECOND YEAR SCHEDULE 1946-1947

| Hours | Monday       | Tuesday    | Wednesday     | Thursday     | Friday       | Saturday     |
|-------|--------------|------------|---------------|--------------|--------------|--------------|
| 9-10  | Physiology   | Physiology | Physiology    | Pharmacology | Physiology   | Pharmacology |
| 10-11 |              |            | Pharmacology  |              |              |              |
| 11-12 | Radiology    |            | Bacteriology  |              | Bacteriology |              |
| 12-1  | 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<br>Diagnosis | Obs. & Gyn.   | Physical<br>Diagnosis | Obs. & Gyn. |           |
| 3-4   |            |                       |               |                       |             |           |
| 4-5   |            |                       | (Spec. Lect.) |                       |             |           |

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

( ) When Scheduled.

## THIRD YEAR SCHEDULE

1946-1947

| 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 <sup>1</sup> |          |         |                      |

## DETAILED SCHEDULE:

OBSTETRICS AND GYNECOLOGY, PEDIATRICS,  
PSYCHIATRY, PUBLIC HEALTH

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

<sup>1</sup>Eighteen lectures scheduled during the year.

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

## FOURTH YEAR SCHEDULE 1946-1947

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

### DETAILED SCHEDULE - ELECTIVES AND PSYCHIATRY

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

() When Scheduled.

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

<sup>1</sup>Pediatrics full time for one month.

<sup>2</sup>Elective courses forenoons for one month.

<sup>3</sup>Psychiatry afternoons for one month.

## INTERNSHIP APPOINTMENTS, CLASS OF MARCH 1946

|                          |   |
|--------------------------|---|
| Bruce A. Allison         | New Haven Hospital, New Haven, Conn.              |
| Ellsworth C. Alvord, Jr. | New York Hospital, New York, N. Y.                |
| Frederick N. Bailey      | Bellevue Hospital, New York, N. Y.                |
| Seward J. Baker          | Albany Hospital, Albany, N. Y.                    |
| Howard D. Balensweig     | Hospital for Joint Diseases, New York, N. Y.      |
| Philip G. Beal           | New York Hospital, New York, N. Y.                |
| William H. Bell, Jr.     | St. Thomas-Vanderbilt Hospital, Nashville, Tenn.  |
| John J. Bowe             | New York Hospital, New York, N. Y.                |
| Donald L. Burnham        | Mary Hitchcock Memorial Hospital, Hanover, N. H.  |
| André S. Capidaglis      | Long Island College Hospital, Brooklyn, N. Y.     |
| Scott P. Christensen     | Mary Imogene Bassett Hospital, Cooperstown, N. Y. |
| Ralph W. Clemments       | Bellevue Hospital, New York, N. Y.                |
| George V. Coleman, Jr.   | Roosevelt Hospital, New York, N. Y.               |
| Harold N. Cooley         | Bellevue Hospital, New York, N. Y.                |
| Charles H. Crane         | Syracuse Hospital, Syracuse, N. Y.                |
| Henry D. Crane, Jr.      | Peter Bent Brigham Hospital, Boston, Mass.        |
| James A. Doucett, Jr.    | Providence Hospital, Detroit, Mich.               |
| Arthur B. DuBois         | New York Hospital, New York, N. Y.                |
| Merlin K. DuVal, Jr.     | New York Hospital, New York, N. Y.                |
| Franklin G. Ebaugh, Jr.  | New York Hospital, New York, N. Y.                |
| David S. Ellison         | New York Hospital, New York, N. Y.                |
| Louis A. Farchione       | Syracuse Hospital, Syracuse, N. Y.                |
| Raymond D. Fear          | Post-Graduate Hospital, New York, N. Y.           |
| Francis X. Fellers       | New York Hospital, New York, N. Y.                |
| Oscar L. Frick           | Presbyterian Hospital, New York, N. Y.            |
| Cyrus R. Friedman        | Sinai Hospital, Baltimore, Md.                    |
| Francis J. Gilroy        | Bellevue Hospital, New York, N. Y.                |
| Stanley B. Gittelson     | Michael Reese Hospital, Chicago, Ill.             |
| William L. Greene        | New York Hospital, New York, N. Y.                |
| Sanford W. Harvey        | Kings County Hospital, Brooklyn, N. Y.            |
| Theodore E. Hauser       | Bellevue Hospital, New York, N. Y.                |
| Jacob W. Heins           | New York Hospital, New York, N. Y.                |
| Charles F. Hesselbach    | Roosevelt Hospital, New York, N. Y.               |
| Robert G. Hicks          | Orange Memorial Hospital, Orange, N. J.           |
| Thomas C. Hill, Jr.      | Brooklyn Hospital, Brooklyn, N. Y.                |
| Gilbert Houston, III     | Rhode Island Hospital, Providence, R. I.          |
| Joseph E. Kalbacher      | Presbyterian Hospital, New York, N. Y.            |
| Alfred M. Keirle         | New York Hospital, New York, N. Y.                |
| Howard J. Kesseler       | Lenox Hill Hospital, New York, N. Y.              |
| William F. Kroener, Jr.  | Los Angeles County Hospital, Los Angeles, Calif.  |
| John F. Lee              | Cambridge Hospital, Cambridge, Mass.              |
| John R. Lee, Jr.         | Gallinger Municipal Hospital, Washington, D. C.   |
| Jerrold S. Lieberman     | Michael Reese Hospital, Chicago, Ill.             |
| Jim F. Lincoln           | New York Hospital, New York, N. Y.                |
| Lyman Maass              | Franklin Hospital, San Francisco, Calif.          |
| James R. McCarroll       | Bellevue Hospital, New York, N. Y.                |
| Peter J. McDonnell       | St. Joseph Hospital, Paterson, N. J.              |
| William D. McLarn        | New York Hospital, New York, N. Y.                |



Robert E. Martin  
 Gordon Merriam  
 Charles W. Moffett, Jr.  
 Harold C. Murphree  
 Warren B. Nestler  
 Edward W. D. Norton  
 Everett A. Orbeton  
 Frank J. Palumbo  
 Charles E. Pierson  
 Robert K. Quinnell  
 Wallace J. Redner  
 Walter J. Richar  
 William D. Rolph, Jr.  
 George F. Sager  
 Arthur Schwartz  
 Milton Shoshkes  
 Harry A. Sinclair  
 Stanley E. Smith, Jr.  
 Alexander R. Stevens, Jr.  
 Franklin H. Streitfeld  
 John J. Sullivan  
 Robert W. Tawse  
 Stephen M. Tenney  
 David D. Thompson  
 Helen Poucher Thompson  
 Joseph G. Tift  
 Roe E. Wells, Jr.  
 Daniel H. Welner  
 Roy G. Wiggins  
 Hudson J. Wilson, Jr.  
 George W. Wood, III  
 John A. Woodcock

Rhode Island Hospital, Providence, R. I.  
 Methodist Hospital, Brooklyn, N. Y.  
 Bellevue Hospital, New York, N. Y.  
 Bellevue Hospital, New York, N. Y.  
 Hartford Hospital, Hartford, Conn.  
 Cincinnati General Hospital, Cincinnati, O.  
 Boston Children's Hospital, Boston, Mass.  
 Wisconsin General Hospital, Madison, Wis.  
 St. Luke's Hospital, New York, N. Y.  
 Genesee Hospital, Rochester, N. Y.  
 Knickerbocker Hospital, New York, N. Y.  
 Stamford General Hospital, Stamford, Conn.  
 Roosevelt Hospital, New York, N. Y.  
 Peter Bent Brigham Hospital, Boston, Mass.  
 Post-Graduate Hospital, New York, N. Y.  
 Beth Israel Hospital, New York, N. Y.  
 Orange Memorial Hospital, Orange, N. J.  
 New York Hospital, New York, N. Y.  
 New York Hospital, New York, N. Y.  
 Mt. Sinai Hospital, New York, N. Y.  
 Bellevue Hospital, New York, N. Y.  
 Bellevue Hospital, New York, N. Y.  
 Strong Memorial Hospital, Rochester, N. Y.  
 New York Hospital, New York, N. Y.  
 Research Fellowship, Rockefeller Institute, N. Y. C.  
 New York Hospital, New York, N. Y.  
 New York Hospital, New York, N. Y.  
 Mt. Sinai Hospital, New York, N. Y.  
 Bellevue Hospital, New York, N. Y.  
 Bellevue Hospital, New York, N. Y.  
 Hartford Hospital, Hartford, Conn.  
 New York Hospital, New York, N. Y.

# STUDENTS, 1946-1947

## FOURTH YEAR

|   |                        |
|---|------------------------|
| Gerard James Aitken, Jr., A.B., 1944, Cornell University  | Forest Hills, N. Y.    |
| Richard Morris Alexander, A.B., 1943; M.A., 1943, Cornell Univ.   | Binghamton, N. Y.      |
| Charles Allen Ashley, A.B., 1944, Cornell University  | Bronxville, N. Y.      |
| Kent Franke Balls, A.B., 1945; Haverford College  | Washington, D. C.      |
| William Jacob Beard, B.S., 1944, Muhlenberg College   | Roanoke, Va.           |
| Carol Helene Brach, A.B., 1943, Cornell University  | East Orange, N. J.     |
| Richard Braddock Brown, A.B., 1941, M.A., 1943, Wesleyan Univ.  | Philadelphia, Pa.      |
| Christopher Bull, A.B., 1943, Cornell University  | Ithaca, N. Y.          |
| Thomas Walter Caldroney, Middlebury College   | Ridgefield Park, N. J. |
| Thomas Wood Carr, B.S., 1945, College of the City of New York   | Brooklyn, N. Y.        |
| Robert Allen Clark, Jr., Emory University   | Atlanta, Ga.           |
| John Allen Clements, Cornell University   | Auburn, N. Y.          |
| David Austin Cofrin, A.B., 1944, Cornell University   | Green Bay, Wis.        |
| Jonathan Otis Cole, Harvard University  | Cambridge, Mass.       |
| Harry DePan, A.B., 1946, Williams College   | Glens Falls, N. Y.     |
| Paul Albinus Peter Dineen, Yale University  | New York, N. Y.        |
| Rodney Helder Dusinberre, Cornell University  | Ithaca, N. Y.          |
| Charles Frederick Dyer, Tufts College   | New London, Conn.      |
| Richard Warren Eells, A.B., 1945, Columbia University   | Denville, N. J.        |
| Aaron Hirsh Esman, A.B., 1944, Cornell University   | Pittsburgh, Pa.        |
| Robert Bernard Fath, Fordham University   | New York, N. Y.        |
| Robert Henry Frankenfeld, A.B., 1944, Cornell University  | Buffalo, N. Y.         |
| Robert Francis Freeman, B.S., 1944, Michigan State College  | Flint, Mich.           |
| William Joseph Gallagher, Jr., A.B., 1943, Holy Cross College   | St. Louis, Mo.         |
| Thomas Jacques Gilmour, Jr., Cornell University   | Keansburg, N. J.       |
| Joseph Lawrence Gluck, Cornell University   | Tuckahoe, N. Y.        |
| Ernest Gosline, Cornell University  | Utica, N. Y.           |
| Robert Howard Gosling, B.Sc., 1941, Birmingham University   | Birmingham, England    |
| William James Grant, A.B., 1944, Cornell University   | Clayton, N. Y.         |
| Samuel Hutson Hale, B.S., 1943, University of Arizona   | Phoenix, Ariz.         |
| Richard Bothwell Hamilton, A.B., 1944, Princeton University   | East Orange, N. J.     |
| William Kendrick Hare, A.B., 1932, M.S. 1934, University of Alabama, Ph.D., 1936, Northwestern University | Browns, Alabama        |
| Robert Dean Harwick, Cornell University   | Barneveld, N. Y.       |
| James Dutney Hayes, Cornell University  | Pittsburgh, Pa.        |
| Thomas Reed Hedges, A.B., 1944, Ohio State University   | Sandusky, Ohio         |
| Thomas Henry Hoover, A.B., 1946, Williams College   | North Canton, Ohio     |
| Hiester Richard Hornberger, Jr., Bowdoin College  | Waldoboro, Me.         |
| Marvin Leroy Huyck, A.B. 1944, Cornell University   | Walton, N. Y.          |
| John Alfred Jacquez, Cornell University   | New York, N. Y.        |
| Robert Richard Johnson, Cornell University  | Newcomb, N. Y.         |
| Frederic Theodore Kirkham, Jr., Cornell University  | San Antonio, Texas     |
| Mary Middlebrook Knight, A.B., 1943, Vassar College   | Scarsdale, N. Y.       |
| Robert Galen Knight, A.B., 1944, Harvard University   | Scarsdale, N. Y.       |
| Susannah Ruth Krehbiel, A.B., 1943, Cornell University  | New Rochelle, N. Y.    |
| Charles Aubrey Le Maistre, A.B., 1944, University of Alabama  | Tuscaloosa, Alabama    |
| Dorothy Elizabeth McCann, Wellesley College   | Rochester, N. Y.       |
| Thomas Patrick McCann, Fordham University   | Elmhurst, N. Y.        |

|   |                     |
|---|---------------------|
| Fletcher Hughes McDowell, A.B., 1944, Dartmouth College                               | Denver, Colorado    |
| Arthur Edward McElfresh, Jr., Cornell University                                      | Greenwich, Conn.    |
| George Roger McNear, A.B., 1944, Cornell University                                   | Los Angeles, Calif. |
| Harold Edwin Marden, Jr., Dartmouth College   | Albany, N. Y.       |
| Sarah Matteson, A.B., 1943, Bryn Mawr College   | Cambridge, Mass.    |
| Thomas Wilson Meldrum, Haverford College  | Haverford, Pa.      |
| John Jacob Meyerdirks, B.S., 1944, Muhlenberg College                                 | Saddle River, N. J. |
| William Stephen Montgomery, A.B., 1943, Colgate University                            | Newburgh, N. Y.     |
| Grover Cleveland Murchison, Jr., A.B., 1944, University of Alabama                    | Montgomery, Ala.    |
| James William Murphy, Harvard University  | Brooklyn, N. Y.     |
| William John Murray, Jr., A.B., 1945, Amherst College                                 | New London, Conn.   |
| Robert Armstrong Nelson, Jr., B.S., 1943, University of Notre Dame                    | Auburn, N. Y.       |
| Nelson Robinson Niles, Princeton University   | New York, N. Y.     |
| Richardson Kilbourne Noback, Columbia University                                      | Forest Hills, N. Y. |
| Robert Chapin Partenheimer, A.B., 1945, Amherst College                               | Maplewood, N. J.    |
| Jerome Peacock, A.B., 1944, Dartmouth College   | Honolulu, Hawaii    |
| Fred Plum, A.B., 1944, Dartmouth College  | Margate, N. J.      |
| Donald Pyle, Princeton University   | Jersey City, N. J.  |
| Charles Frederick Reeder, B.S., 1942, Juniata College, M.S., 1943, Cornell University | Everett, Pa.        |
| Walter Anderson Reiter, Jr., Cornell University                                       | Summit, N. J.       |
| Jacob Robbins, A.B., 1944, Cornell University   | Yonkers, N. Y.      |
| John Thornton Rogers, Cornell University  | Detroit, Mich.      |
| Harold Wilbur Schell, Jr., Cornell University   | New York, N. Y.     |
| Robert Joseph Schlitt, A.B., 1943, Holy Cross College                                 | Jersey City, N. J.  |
| Lester Jules Schnell, Jr., A.B., 1943, Wesleyan University                            | Mt. Vernon, N. Y.   |
| Boris Schwartz, A.B., 1943, Cornell University  | Passaic, N. J.      |
| Gilbert Irving Smith, Cornell University  | San Marino, Calif.  |
| Peter William Stone, Cornell University   | Great Kills, N. Y.  |
| Roy Craig Swan, Jr., A.B., 1941, Cornell University                                   | Scarsdale, N. Y.    |
| Frances Elizabeth Thomsen, A.B., 1944, Smith College                                  | New Canaan, Conn.   |
| Peter Samuel Tolins, A.B., 1944, Cornell University                                   | Long Beach, N. Y.   |
| James Michael Toolan, A.B., 1943, St. Peters College                                  | Bayside, N. Y.      |
| Claude Orian Truss, B.S., 1943, Birmingham-Southern College                           | Birmingham, Ala.    |
| Robert Bruce Wallace, Cornell University  | Camillus, N. Y.     |
| Robert Eaton Wolf, Cornell University   | Ithaca, N. Y.       |
| Norman Bernard Yourish, A.B., 1943, Cornell University                                | Chicago, Ill.       |

## THIRD YEAR

|  |                        |
|--|------------------------|
| William David Arnold, A.B., 1945, Colgate University           | Kingston, N. Y.        |
| William Bancroft Anderton Bentley, B.S., 1945, Yale University | Lawrence, L. I., N. Y. |
| Carlos Enrique Bertran, A.B., 1945, Cornell University         | Santurce, P. R.        |
| Frank Luther Bird, B.S., 1945, Yale University                 | Netcong, N. J.         |
| Hamilton Howard Blackshear, A.B., 1944, Tusculum College       | Peekskill, N. Y.       |
| Morton David Bogdonoff, Cornell University                     | New York, N. Y.        |
| Joseph Anthony Bonta, Colgate University                       | Columbus, Ohio         |
| Edward Grenelle Bradley, A.B., 1945, Harvard University        | Washington, D. C.      |
| Robert Thomson Breed, A.B., 1937, Amherst College              | Boston, Mass.          |
| Hector Mason Brown, B.S., 1945, University of Washington       | Seattle, Wash.         |
| Mary Suzanne Chadwick, A.B., 1944, Bryn Mawr College           | Bronxville, N. Y.      |
| James Melvin Colville, Michigan State College                  | Royal Oak, Mich.       |
| Milton Cooper, A.B., 1945, Dartmouth College                   | Bayonne, N. J.         |
| Albert Burchfield Craig, Jr., Princeton University             | Sewickley, Pa.         |

- 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., B.S., 1945, Yale University  
 Gerald Lester Eastman, Columbia University  
 Joseph Adrian Elliott, A.B., 1943, Western Maryland College  
 Donald Stephen Ellis, B.S., 1945, Holy Cross College  
 Donald Francis Farrell, Columbia University  
 John Henry Ferger, A.B., 1945, Swarthmore College  
 Manuel Furer, A.B., 1944, Cornell University  
 Richard Horace Granger, Antioch College  
 Ray Allen Haag, University of Washington  
 Douglas Arbuckle Haddow, A.B., 1946, Amherst College  
 Robert Charles Hardy, B.S., 1946, Southern Methodist University  
 Janet Kelman Hayes, A.B., 1944, Wellesley College  
 Howard Conger Hewitt, A.B., 1945, Dartmouth College  
 William Hitzig, Columbia University  
 Craig Russell Hope, A.B., 1945, Princeton University  
 Alan Iddles, Cornell University  
 Marcia Kelman, B.S., 1942, Tufts College,  
 M.A., 1944, Wellesley College  
 Robert William Kircher, A.B., 1945, Wesleyan University  
 Edwin Munroe Knights, Jr., A.B., 1946, Brown University  
 Sheldon Cecil Kravitz, A.B., 1945, Cornell University  
 Sherman Kupfer, Cornell University  
 George Earl LaCroix, Cornell University  
 John Henry Laragh, Cornell University  
 Ludwig Gerald Laufer, Bucknell University  
 John Thomas McHenry, B.S., 1938, Santa Clara University,  
 M.S., 1940, University of Hawaii  
 Norval Mason Marr, University of Virginia  
 Florence Nightingale Marshall, A.B., 1944, Wellesley College  
 Harley Bryce Messinger, A.B., 1945, Brown University  
 Robert Joseph Molloy, B.S., 1945, Holy Cross College  
 Gregory Thomas O'Connor, Cornell University  
 John James O'Donnell, Jr., B.S., 1944, Manhattan College  
 Robert Jacob Oehrig, A.B., 1943, Houghton College  
 Nancy Marie Peters, A.B., 1944, Cornell University  
 Albert Adolphe Plentl, M.A., 1935, Princeton University,  
 Ph.D., 1940, Columbia University  
 Rees Pritchett, A.B., 1944, Houghton College  
 Robert Archer Wood Pullman, A.B., 1943, Cornell University  
 Michael Rapak, A.B., 1945, Columbia University  
 James Ballard Rentfro, Cornell University  
 Clayton Rich, Jr., Swarthmore College  
 Roderick Clark Richards, Cornell University  
 Harry Lane Robinson, A.B., 1944, Cornell University  
 Bernard Rodier, A.B., 1945, Cornell University  
 David Elliott Rogers, Ohio State University  
 Andrew Keough Ruotolo, B.S., 1945, Yale University  
 Warren Glea Sarrell, B.S., 1946, West Virginia University  
 James White Sayre, Wesleyan University  
 Lynbrook, N. Y.  
 Grand Rapids, Mich.  
 Baldwinsville, N. Y.  
 New Rochelle, N. Y.  
 Westbury, N. Y.  
 Laurel, Dela.  
 Newtown Highlands, Mass.  
 Philadelphia, Pa.  
 Arlington, Va.  
 Mattapan, Mass.  
 Lawrence, N. Y.  
 Seattle, Wash.  
 New York, N. Y.  
 Dallas, Texas  
 New York, N. Y.  
 Saranac Lake, N. Y.  
 Long Island City, N. Y.  
 Guilford, Conn.  
 Wayne, Pa.  
 Stoneham, Mass.  
 Syracuse, N. Y.  
 Providence, R. I.  
 Brooklyn, 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.  
 Hunter, N. Y.  
 Columbus, Ohio  
 Newark, N. J.  
 Ellijay, Ga.  
 Columbus, Ohio



|   |                       |
|---|-----------------------|
| Emanuel Schmerzler, B.S., 1946, College of the City of New York | Brooklyn, N. Y.       |
| Olin Grigsby Shivers, Jr., Cornell University                   | Chipley, Fla.         |
| Jane Phyllis Smith, A.B., 1944, Bryn Mawr College               | Arlington, Mass.      |
| Robert Henry Smith, Ohio State University                       | Middletown, Ohio      |
| Donald Karl Stockdale, B.S., 1946, West Virginia University     | Morgantown, W. Va.    |
| Paul Lloyd Summers, West Virginia University                    | Parkersburg, W. Va.   |
| Edward Auprince Ten Eyck, Cornell University                    | Santa Barbara, Calif. |
| Theodore Farrington Thomas, Cornell University                  | Oswego, N. Y.         |
| Guy Weaver Van Syckle, A.B., 1945, Dartmouth College            | Woodbridge, N. J.     |
| George Henry Vogt, A.B., 1945, Dartmouth College                | Glen Ridge, N. J.     |
| Charles Philip Weiss, Cornell University                        | Putnam, Conn.         |
| James Tuthill Weston, Cornell University                        | Auburndale, Mass.     |
| Frederick Carr White, A.B., 1945, Princeton University          | Middletown, Dela.     |
| Robert Nash Whitehead, A.B., 1945, University of California     | La Crescenta, Calif.  |
| James Wallace Wilkes, Jr., Cornell University                   | Columbia, Tenn.       |
| Warren Harry Williams, B.S., 1945, Hobart College               | Utica, N. Y.          |
| John Marion Wilson, Jr., Fordham University                     | New York, N. Y.       |
| Joseph Allen Worrall, Jr., College of Wooster                   | Baldwin, N. Y.        |

## SECOND YEAR

|   |                        |
|---|------------------------|
| Joan Kay Barber, Wellesley College  | Brooklyn, N. Y.        |
| Arthur William Bauman, Bates College  | Waterville, Maine      |
| Abraham Blumer, Amherst College   | Detroit, Mich.         |
| Isabelle Greer Boggs, University of Pittsburgh  | Pittsburgh, Pa.        |
| Agnes Sanxay Burt, A.B., 1935, Reed College, M.A., 1937, University of California, Ph.D., 1943, University of Chicago | Portland, Ore.         |
| Frances Margaret Capron, A.B., 1944, Wellesley College  | Upper Montclair, N. J. |
| Edith Lawrence Carrier, A.B., 1944, Mt. Holyoke College   | Hartford, Conn.        |
| Sumner Arthur Cheeseman, A.B., 1944, Johns Hopkins University   | Marlboro, N. H.        |
| Chia-I Cheng, A.B., 1931, Swarthmore College  | New York, N. Y.        |
| Ferris Edward Cook, Jr., Amherst College  | Conklin, Mich.         |
| Daniel LeRoy Crandell, University of Texas  | San Antonio, Texas     |
| Robert Bruce Cubberley, Johns Hopkins University  | Brooklyn, N. Y.        |
| Richard Earl Cutler, Harvard University   | Quincy, Mass.          |
| Dominick Daniel Davolos, Wesleyan University  | Camden, N. J.          |
| Robert Hall Dickson, A.B., 1943, Cornell University   | Staten Island, N. Y.   |
| Kenneth LeRoi Diercks, Syracuse University  | Council Bluffs, Iowa   |
| John Eldredge Stearns Dockweiler, B.S., 1945, University of Notre Dame  | Los Angeles, Calif.    |
| Thomas Leonard Doyle, Jr., Fordham College  | New York, N. Y.        |
| James Armstrong Duncan, Jr., Cornell University   | New York, N. Y.        |
| Norman Epstein, Yale University   | Springfield, Mass.     |
| Harold Warren Evans, Columbia College   | Milton, Pa.            |
| Robert E. Felix, College of the City of New York  | Fairfield, Ill.        |
| William Hurd Floyd, Jr., B.S., 1938, Rensselaer Polytechnic Institute, M.S., 1939, Carnegie Institute of Technology   | Hawthorne, N. J.       |
| Janet Carolyn Gerig, Swarthmore College   | Chevy Chase, Md.       |
| Glenn Gale Golloway, Miami University   | Bedford, Ohio          |
| Melvin Bernard Goodman, College of the City of New York   | New York, N. Y.        |
| Ledford Gerald Gregory, Princeton University  | Oak Ridge, Tenn.       |
| Robert Johns Haggerty, Cornell University   | Saranac Lake, N. Y.    |
| Ben King Harned, Jr., Trinity College   | Pearl River, N. Y.     |
| Ruth Margaret Hennessey, A.B., 1945, College of St. Elizabeth   | Glen Rock, N. J.       |

|   |                               |
|---|-------------------------------|
| Robert James Herm, Cornell University                           | Elmhurst, N. Y.               |
| Robert John King, Johns Hopkins University                      | New Rochelle, N. Y.           |
| Donald Edward Lawson, Princeton University                      | San Francisco, Calif.         |
| Ray Lewis, College of the City of New York                      | Harrisburg, Pa.               |
| Drury McMillan Love, Harvard University                         | Pittsburg, Kansas             |
| James Andrew Lundquist, Princeton University                    | Minneapolis, Minn.            |
| Thomas Joseph McBryan, Yale University                          | Yeadon, Pa.                   |
| Thomas Peter McCann, Princeton University                       | Rochester, N. Y.              |
| Marie Susan Madison, B.S., 1945, Fordham University             | Jersey City, N. Y.            |
| Julian MarDock, A.B., 1942, University of Texas                 | Tyler, Texas                  |
| Sanford John Matthews, Holy Cross College                       | Orange, N. J.                 |
| Robert Anthony Mayers, Columbia University                      | New Rochelle, N. Y.           |
| Bernard Joseph Michela, Amherst College                         | Iron Mountain, Mich.          |
| Francis Xavier Moffitt, A.B., 1942, Fordham University          | Jackson Heights, L. I., N. Y. |
| Harry Louis Mueller, Jr., Cornell University                    | Bay Shore, N. Y.              |
| Samuel Jacob Newman, Wabash College                             | New York, N. Y.               |
| Robert Heywood Purnell, A.B., 1945, Dartmouth College           | Short Hills, L. I., N. Y.     |
| Dorothy Helen Rieser, Massachusetts State College               | Holyoke, Mass.                |
| Peter Rogatz, A.B., 1945, Columbia University                   | New York, N. Y.               |
| John Grove Rogers, Princeton University                         | Riverton, N. J.               |
| Wayne Spitz Rogers, B.S., 1946, College of the City of New York | New York, N. Y.               |
| Samuel Marcus Schlyen, Princeton University                     | Passaic, N. J.                |
| Jean Cooper Schmidlapp, A.B., 1945, Vassar College              | New York, N. Y.               |
| Alan Dale Shafer, Northwestern University                       | Dayton, Ohio                  |
| Lester Dunlap Shultis, B.S., 1945, Franklin & Marshall College  | Reading, Pa.                  |
| Barbara Foster Simpson, Cornell University                      | Evanston, Ill.                |
| Ross Baker Sommer, Miami University                             | Cincinnati, Ohio              |
| David Howard Sonabend, Yale University                          | New York, N. Y.               |
| Dayton Reuben Stemple, Jr., Amherst College                     | Philippi, W. Va.              |
| Augusta Ruth Strongman, B.S., 1944, Wagner College              | Brooklyn, N. Y.               |
| Alfred Robert Stumpe, Carson-Newman College                     | Bellaire, L. I., N. Y.        |
| Richard Walter Stypula, Bucknell University                     | Wilkinsburg, Pa.              |
| Margaret Gaines Swann, A.B., 1945, Sweet Briar College          | Winter Haven, Fla.            |
| William Joseph Sweeney, III, A.B., 1942, Maryville College      | Norwood, Pa.                  |
| Dorothy Jane Tinker, A.B., 1945, Cornell University             | Wilmington, Dela.             |
| James Francis Toole, Princeton University                       | Pittsburgh, Pa.               |
| Stewart Gould Tuttle, B.S., 1946, University of No. Dakota      | New York, N. Y.               |
| Clinton George Weiman, Princeton University                     | Maplewood, N. J.              |
| Edmund Thomas Welch, Jr., Massachusetts Institute of Tech.      | Attleboro, Mass.              |
| Frederick Hunt Wentworth, Harvard University                    | Grand Rapids, Mich.           |

## FIRST YEAR

|  |                     |
|--|---------------------|
| Jean Helen Abel, Barnard College                           | Elizabeth, N. J.    |
| Bernard Amster, A.B., 1943, Columbia University            | Creve, Virginia     |
| Richard Cleland Austin, St. Lawrence University            | Montclair, N. J.    |
| David Barr, Cornell University                             | New York, N. Y.     |
| Donald Francis Bartley, B.S., 1943, Lebanon Valley College | Harrisburg, Pa.     |
| Robert Bedzofsky Beede, A.B., 1943, Cornell University     | Utica, N. Y.        |
| Jules Alan Berkenfield, Cornell University                 | Far Rockaway, N. Y. |
| Charles Herbert Bippart, Jr., Wesleyan University          | South Orange, N. J. |
| Arnold Stewart Breakey, A.B., 1946, Colgate University     | Lake Placid, N. Y.  |
| Francis Edgar Browning, St. Lawrence University            | Utica, N. Y.        |
| Malcolm Waite Bulmer, A.B., 1946, University of Michigan   | Pittsburgh, Pa.     |

|  |                           |
|--|---------------------------|
| Robert Hyrum Burgoyne, B.S., 1942, Utah State Agricultural College   | Montpelier, Idaho         |
| John Townsend Burrough, Brown University   | Akron, Ohio               |
| Sarah Alice Burton, Wells College  | Montclair, N. J.          |
| Eric Theodore Carlson, A.B., 1944, Wesleyan University   | Norwich, Conn.            |
| Leon Irvin Charash, Cornell University   | Irrington, N. J.          |
| Robert Leslie Clarke, Bowdoin College  | Scarsdale, N. J.          |
| Alfred Donaldson Compton, Jr., A.B., 1934, Princeton University,<br>M.S., 1941, Yale University                                  | New York, N. Y.           |
| George Nelson Cornell, Cornell University  | Pelham, N. Y.             |
| John Alfred Crago, A.B., 1939, M.A., 1940, University of Florida   | Gainesville, Fla.         |
| Margaret Nicholls Dealy, A.B., 1945, Mount Holyoke College   | Plandome, N. Y.           |
| Charles Alexander de Prose, Cornell University   | Hastings-on-Hudson, N. Y. |
| Carolyn Helen Diehl, A.B., 1946, Cornell University  | Cohoes, N. Y.             |
| James Edward Ducey, University of Pittsburgh   | Sewickley, Pa.            |
| Heinz Felix Eichenwald, Harvard College  | New York, N. Y.           |
| Martin Jay Epstein, Cornell University   | New York, N. Y.           |
| Frank Earle Fairchild, Jr., Cornell University   | Plandome, N. Y.           |
| Mary Anna Falorsi, A.B., Barnard College   | Waterbury, Conn.          |
| Selig Moses Ginsburg, University of Wisconsin  | New York, N. Y.           |
| James Bartley Given, Princeton University  | Pelham Manor, N. Y.       |
| William Goldfarb, A.B., 1933, Brooklyn College, M.S., 1934, College of the<br>City of New York, Ph.D., 1940, Columbia University | New York, N. Y.           |
| Edward Ira Goldsmith, Cornell University   | Far Rockaway, N. Y.       |
| Maurice Fitzgerald Goodbody, Jr., A.B., 1943, Williams College   | Ridgewood, N. J.          |
| Robert Walton Greenwood, University of Rochester   | Washington, D. C.         |
| Gerald Ernest Guay, Syracuse University  | Whitehall, N. Y.          |
| Warren Redwood Guild, Harvard University   | West Roxbury, Mass.       |
| Robert Clinton Hafford, Wesleyan University  | Glen Rock, N. J.          |
| Wilbur Dayton Hagamen, Jr., B.S., 1945, Baldwin-Wallace College  | Akron, N. Y.              |
| Irving Edward Hall, Jr., Mercer University   | Macon, Ga.                |
| Lucille Van Slyke Harter, A.B., 1945, Wellesley College  | New York, N. Y.           |
| Harry Martin Helfrich, St. Lawrence University   | Port Washington, N. Y.    |
| Marjorie Frances Helgans, Cornell University   | Jersey City, N. J.        |
| William Carroll Hollis, A.B., 1946, Cornell University   | Woodhaven, N. Y.          |
| John Leroy Howard, Princeton University  | New York, N. Y.           |
| Dean Gordon Hudson, University of Washington   | Sequim, Washington        |
| William Warner Jepson, Swarthmore College  | Bethlehem, Pa.            |
| James Sutherland Johnston, Wesleyan University   | Middletown, Conn.         |
| Charles Joseph Kensler, A.B., 1937, M.A., 1938, Columbia Univ.   | Sag Harbor, N. Y.         |
| Lowell Lowell, A.B., 1945, University of Cincinnati  | Cincinnati, Ohio          |
| Doris Marguerite McGannon, Barnard College   | New York, N. Y.           |
| Henry Matthew Mannix, Holy Cross College   | Brooklyn, N. Y.           |
| Ruth Rhoda Marcus, Cornell University  | New York, N. Y.           |
| Leopoldo Enrique Margarida, Cornell University   | Comerio, Puerto Rico      |
| Kenneth Henning Meyer, B.S., 1941, Westminster College   | Wheeling, W. Va.          |
| Tilford Day Miller, A.B., 1943, Amherst College  | Wilton, Conn.             |
| Eugene Thomas Monahan, Wesleyan University   | Wilmington, Del.          |
| Frederick Michael Mitchell, Wesleyan University  | Buffalo, N. Y.            |
| Bertha Loving Moore, A.B., 1934, Flora McDonald College  | Washington, D. C.         |
| John de La Salle Morris, B.S., 1939, M.S., 1941, Fordham University  | New York, N. Y.           |
| Joseph Louis O'Brien, Princeton University   | Paterson, N. J.           |
| William John O'Hare, Fordham University  | New York, N. Y.           |
| Francis Salvatore Perrone, Columbia University   | New York, N. Y.           |

|  |                            |
|--|----------------------------|
| Sidney Morse Pond, A.B., 1941, Wesleyan University                 | Easthampton, Mass.         |
| Pauline Frances Pope, A.B., 1943, Mount Holyoke College            | Waban, Mass.               |
| William Clayton Porter, Jr., Princeton University                  | Pittsburgh, Pa.            |
| Donn Richard Quinn, Cornell University                             | Pelham, N. Y.              |
| Nancy Joan Rankin, A.B., 1946, Wellesley College                   | Akron, Ohio                |
| Saverio Frank Redo, B.S., 1942, Queens College                     | Springfield Gardens, N. Y. |
| Joan Elvere Rider, Cornell University                              | Brooklyn, N. Y.            |
| Douglas James Roberts, Jr., Wesleyan University                    | Rockville, Conn.           |
| Donald Robertson, A.B., 1942, Princeton University                 | Bronxville, N. Y.          |
| Alan Saul Robinson, Cornell University                             | Maplewood, N. J.           |
| Albert Louis Rubin, Massachusetts Institute of Technology          | Framingham, Mass.          |
| George Bate Saviers, A.B., 1940, University of California          | Twin Falls, Idaho          |
| John Fisk Stockfish, Cornell University                            | Jersey City, N. J.         |
| Hartwell Greene Thompson, Jr., Yale University                     | West Hartford, Conn.       |
| Willard Chandler Thompson, Jr., Rutgers University                 | New Brunswick, N. J.       |
| Claude Wilkes Trapp, Jr., B.S., 1943, University of the South      | Lexington, Ky.             |
| William Edward Van Atta, A.B., 1946, Cornell University            | Binghamton, N. Y.          |
| Merrill Y. Van Wagoner, A.B., M.A., 1939, Brigham Young University | Philadelphia, Pa.          |
| Ph.D., 1945, Yale University                                       | New York, N. Y.            |
| Robert Phillips Vomacka, B.S., 1941, Wagner College                | State College, Pa.         |
| Mason Whitmore, A.B., 1940, Yale University                        |                            |
| Charles Rockwell Williams, A.B., 1941, Wesleyan University,        |                            |
| M.S., 1942, Yale University  | Hamden, Conn.              |
| William Allen Winslow, A.B., 1938, Wesleyan University             | New York, N. Y.            |
| Francis Assmann Wood, Yale University                              | Newark, N. J.              |

## SUMMARY

|                   |     |
|-------------------|-----|
| Fourth year ..... | 83  |
| Third year .....  | 81  |
| Second year ..... | 70  |
| First year .....  | 85  |
| Total.....        | 319 |



## STUDENTS IN THE GRADUATE SCHOOL, 1945-1946

### DOCTORS OF PHILOSOPHY

|   |                   |
|---|-------------------|
| Dorothy S. Genghof, A.B., 1929, Barnard College,<br>Ph.D., 1945, Cornell University       | Bronxville, N. Y. |
| Herbert McKennis, Jr., B.S., 1938, Harvard University,<br>Ph.D., 1945, Cornell University | Scarsdale, N. Y.  |

### CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

|  |                      |
|--|----------------------|
| Isabella Brogan, A.B., 1942, Barnard College   | New York, N. Y.      |
| Donald A. Clarke, B.S., 1937, Philadelphia College of Pharmacy and Science   | New York, N. Y.      |
| Murray Finkelstein, B.S., 1940, M.S., 1941, Philadelphia College of<br>Pharmacy and Science                            | New York, N. Y.      |
| Virginia L. Friend, B.S., 1941, Simmons College,<br>M.S., 1943, Vassar College   | Brooklyn, N. Y.      |
| Elizabeth B. Keller, B.S., 1940, University of Chicago,<br>M.S., 1945, George Washington University School of Medicine | New York, N. Y.      |
| Johanna M. Lee, A.B., 1933, University of Illinois   | South Norwalk, Conn. |
| Chester W. H. Partridge, B.S., 1942, University of Vermont   | Burlington, Vt.      |
| Helene W. Toolan, B.S., 1929, University of Chicago  | New York, N. Y.      |
| John E. Wilson, B.S., 1941, University of Chicago<br>M.S., 1944, University of Illinois                                | Chicago, Ill.        |

### CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE

|   |                  |
|---|------------------|
| Martha Fuchs Ferger, A.B., 1944, Swarthmore College | Riverdale, Md.   |
| Irene M. Hund, A.B., 1945, New York University      | Scarsdale, N. Y. |
| Jane Nicolet, A.B., 1943, Oberlin College           | Riverdale, Md.   |

### NON-CANDIDATE

|  |                 |
|--|-----------------|
| Marvin L. Miller, B.S., 1943, Rutgers University | New York, N. Y. |
|--|-----------------|

## THE MEDICAL COLLEGE STAFF

|                                | PAGE   |
|--------------------------------|--|
| Adair, Frank E. . . . .        | Surgery . . . . . 65                               |
| Adams, Elisabeth . . . . .     | Medicine . . . . . 46                              |
| Adams, Harold B. . . . .       | Pediatrics . . . . . 55                            |
| Allen, Edward B. . . . .       | Psychiatry . . . . . 59                            |
| Allen, Elaine . . . . .        | Pediatrics . . . . . 55                            |
| Almy, Thomas P. . . . .        | Medicine . . . . . 45                              |
| Anderson, Arthur F. . . . .    | Pediatrics . . . . . 55                            |
| Andre, Rose . . . . .          | Surgery . . . . . 66                               |
| Andrus, William De W. . . . .  | Surgery . . . . . 65                               |
| Antoville, Abraham A. . . . .  | Medicine . . . . . 46                              |
| Applebaum, Jacob . . . . .     | Surgery (Otolaryngology) . . . . . 66              |
| Armistead, George C. . . . .   | Medicine . . . . . 47                              |
| Ashley, Franklin L. . . . .    | Surgery . . . . . 66                               |
| Ayres, William H. . . . .      | Surgery (Otolaryngology) . . . . . 66              |
|                                |  |
| Bagenstose, Clinton H. . . . . | Psychiatry . . . . . 59                            |
| Baldwin, Horace S. . . . .     | Medicine . . . . . 45                              |
| Balensweig, Irvin . . . . .    | Surgery (Orthopedics) . . . . . 65                 |
| Ball, Thomas L. . . . .        | Obstetrics & Gynecology . . . . . 51               |
| Barbu, Valer . . . . .         | Psychiatry . . . . . 59                            |
| Barnes, William A. . . . .     | Surgery . . . . . 65                               |
| Barnett, Henry L. . . . .      | Pediatrics . . . . . 55                            |
| Barr, David P. . . . .         | Medicine . . . . . 45                              |
| Barringer, Benjamin S. . . . . | Surgery (Urology) . . . . . 65                     |
| Basile, Evelyn J. . . . .      | Pediatrics . . . . . 55                            |
| Baumgartner, Leona . . . . .   | Pub. Hl. & Prev. Med.; Pediatrics . . . . . 55; 61 |
| Belcher, Anne S. . . . .       | Surgery (Otolaryngology) . . . . . 66              |
| Bell, W. Randall . . . . .     | Pediatrics . . . . . 55                            |
| Benton, Joseph T. . . . .      | Pharmacology . . . . . 57                          |
| Bercovitz, Zacharias . . . . . | Medicine . . . . . 46                              |
| Berenberg, Samuel R. . . . .   | Pub. Hl. & Prev. Med. . . . . 61                   |
| Bergamini, Herbert M. . . . .  | Surgery . . . . . 65                               |
| Berkeley, Ruth P. . . . .      | Medicine . . . . . 46                              |
| Berle, Beatrice . . . . .      | Medicine . . . . . 47                              |
| Berliner, Milton L. . . . .    | Surgery (Ophthalmology) . . . . . 65               |
| Berry, Charles . . . . .       | Anatomy . . . . . 41                               |
| Binger, Carl A. . . . .        | Psychiatry (Medicine) . . . . . 59                 |
| Binkley, George E. . . . .     | Medicine . . . . . 46                              |
| Bird, Robert M. . . . .        | Physiology . . . . . 58                            |
| Bodansky, Oscar . . . . .      | Pharmacology . . . . . 57                          |
| Bohnengel, Charles . . . . .   | Psychiatry . . . . . 59                            |
| Bond, Lucille M. . . . .       | Radiology . . . . . 63                             |
| Bonnett, Sara A. . . . .       | Psychiatry . . . . . 59                            |
| Bonsnes, Roy W. . . . .        | Biochemistry; Obs-Gyn . . . . . 43; 51             |
| Boyd, James W. . . . .         | Surgery . . . . . 66                               |
| Bray, Harry A. . . . .         | Medicine (Tuberculosis) . . . . . 47               |
| Brodman, Keeve . . . . .       | Medicine . . . . . 46                              |
| Brown, George B. . . . .       | Biochemistry . . . . . 43                          |
| Brown, Halla . . . . .         | Medicine . . . . . 46                              |

# MEDICAL COLLEGE STAFF

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|                           |                         |        |
|---------------------------|-------------------------|--------|
| Brown, Veronica C.        | Medicine                | 46     |
| Brush, A. Louise          | Psychiatry              | 59     |
| Buckstein, Jacob          | Medicine                | 45     |
| Bullen, Benjamin W., Jr.  | Pediatrics              | 55     |
| Bunn, Paul A.             | Medicine; Pharmacology  | 45; 57 |
| Burkhardt, Edward A.      | Medicine                | 46     |
| Burnett, Sam R.           | Surgery                 | 66     |
| Butler, Katherine         | Medicine                | 46     |
|                           |                         |        |
| Carpenter, Frederick H.   | Biochemistry            | 43     |
| Carpenter, Walter T., Jr. | Pediatrics              | 55     |
| Carter, Anne C.           | Medicine                | 46     |
| Cary, William H.          | Obstetrics & Gynecology | 51     |
| Cattell, McKeen           | Pharmacology            | 57     |
| Cecil, Russell L.         | Medicine                | 45     |
| Chambers, William H.      | Physiology              | 58     |
| Chandler, Charles F.      | Surgery                 | 66     |
| Chandler, Joseph P.       | Biochemistry            | 43     |
| Chaves, Aaron D.          | Pub. Hl. & Prev. Med.   | 61     |
| Cheney, Clarence O.       | Psychiatry              | 59     |
| Chenoweth, Maynard B.     | Pharmacology            | 57     |
| Child, C. Gardener, III   | Surgery                 | 65     |
| Clarke, Donald A.         | Pharmacology            | 57     |
| Coats, Edward C.          | Surgery (Urology)       | 66     |
| Cobb, Clement B. P.       | Pediatrics              | 55     |
| Cohen, Eugene J.          | Medicine                | 46     |
| Cole, John T.             | Obstetrics & Gynecology | 51     |
| Coley, Bradley L.         | Surgery                 | 65     |
| Conkey, Odgen F.          | Obstetrics & Gynecology | 51     |
| Conner, Lewis A.          | Medicine (Emeritus)     | 7      |
| Console, Arthur D.        | Surgery                 | 66     |
| Conway, Herbert           | Surgery                 | 65     |
| Cooper, William A.        | Surgery                 | 65     |
| Cormia, Frank E.          | Medicine                | 46     |
| Cornell, Carlton M.       | Surgery                 | 66     |
| Cornell, Nelson W.        | Surgery (Orthopedics)   | 65     |
| Craig, Robert L.          | Obstetrics & Gynecology | 51     |
| Craver, Lloyd F.          | Medicine                | 45     |
| Crissey, Eleanor          | Psychiatry              | 59     |
| Cromwell, Henry A.        | Medicine                | 46     |
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| Daniells, Helen E.        | Psychiatry              | 59     |
| Dann, Margaret            | Pediatrics              | 55     |
| Dean, Archie L.           | Surgery (Urology)       | 65     |
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| de Gara, Paul F.          | Pathology; Pediatrics   | 53; 55 |
| De Haven, Hugh            | Physiology              | 58     |
| Deitrich, John E.         | Medicine                | 45     |
| Denker, Peter G.          | Medicine                | 45     |
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| Diamond, Monroe K.        | Medicine                | 46     |

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| Dineen, Paul A.          | Surgery                          | 65     |
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| Doty, Edwin J.           | Psychiatry                       | 59     |
| Dougherty, Charles E.    | Obstetrics & Gynecology          | 51     |
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| Duncan, Peter A.         | Pediatrics                       | 55     |
| Dunlap, Edward A.        | Surgery (Ophthalmology)          | 66     |
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| du Vigneaud, Vincent     | Biochemistry                     | 43     |
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| Eggleston, Cary          | Medicine                         | 45     |
| Elasberg, Helene         | Pediatrics                       | 55     |
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| Epstein, Nathan          | Pediatrics                       | 56     |
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| Erdman, Seward           | Surgery                          | 65     |
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| Fraser, Alan W.          | Pediatrics; Psychiatry           | 56; 59 |
| Freund, Jules            | Pathology                        | 53     |
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| Keyes, Edward L.       | Surgery (Urology) (Emeritus)     | 7      |
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| King, Joseph E. J.     | Surgery                          | 66     |
| Koenig, Hedwig         | Pediatrics                       | 55     |
| Kohl, Richard N.       | Psychiatry                       | 59     |
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| McLellan, Frederick C.   | Surgery (Urology)                | 66     |
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| MacKenzie, Cosmo G.      | Biochemistry                     | 43     |
| MacLeod, John            | Anatomy; Physiology              | 41; 58 |
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| Marshall, Victor F.     | Surgery (Urology)              | 65     |
| Martin, Hayes           | Surgery                        | 65     |
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| Mayer, Edgar            | Medicine                       | 45     |
| Mayer, Shirley A.       | Pediatrics                     | 55     |
| Maynard, Guy B., Jr.    | Surgery                        | 66     |
| Mazur, Abraham          | Medicine                       | 47     |
| Mehler, Leopold         | Surgery (Otolaryngology)       | 66     |
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| Mendelson, Curtis L.    | Obstetrics & Gynecology        | 51     |
| Mercer, Mary E.         | Pediatrics                     | 56     |
| Merrill, E. Forrest     | Radiology                      | 63     |
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| Milhorat, Ade T.        | Medicine; Psychiatry           | 45; 59 |
| Mindlin, Rowland        | Pediatrics                     | 56     |
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| Mittelman, Bela         | Medicine; Psychiatry           | 47; 59 |
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| New, Elizabeth V.       | Psychiatry (Psychology)        | 59     |
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| Travis, John H.          | Psychiatry                         | 59     |
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