THE COLLEGE OF MEDICINE NUMBER

Published by the University of Vermont and State Agricultural College, Burlington, Vermont, four times a year, January, February, March and October, and entered as second-class matter at the Post Office at Burlington, Vermont, under Act of Congress of August 24, 1912
CALENDAR
1943-1945

The College of Medicine, due to the war emergency, is on an accelerated program. A new session begins every nine months, so that there are four academic years in three calendar years.

1943

April 8, Thursday. Examinations for Advancement in Course.
April 12, Monday. Enrollment.
April 13, Tuesday. Regular Exercises begin.
April 19, Monday. Registration ends.
August 2, Monday, to August 14, Saturday. Midyear Examinations.
September 6, Monday. Labor Day.
October 12, Tuesday. Columbus Day.
November 11, Thursday. Armistice Day.
November 25, Thursday. Thanksgiving.
December 6, Monday, to December 18, Saturday. Final Examinations.
December 21, Tuesday. Commencement.
December 30, Thursday. Examinations for Advancement in Course.

1944

January 3, Monday. Enrollment.
January 4, Tuesday. Regular Exercises begin.
January 10, Monday. Registration ends.
April 24, Monday, to May 5, Friday. Midyear Examinations.
July 4, Tuesday. Independence Day.
August 28, Monday, to September 8, Friday. Final Examinations.
September 11, Monday. Commencement.

1944-45

September 21, Thursday. Examinations for Advancement in Course.
September 25, Monday. Enrollment.
September 26, Tuesday. Regular Exercises begin.
October 2, Monday. Registration ends.
November 23, Thursday. Thanksgiving.
December 22, Friday, 8:30 a.m., to January 5, Friday, 8:30 a.m. Vacation period.
January 29, Monday, to February 9, Friday. Midyear Examinations.
June 4, Monday, to June 15, Friday. Final Examination.
June 18, Monday. Commencement.
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## ADMINISTRATION

### THE BOARD OF TRUSTEES

The University of Vermont and State Agricultural College

<table>
<thead>
<tr>
<th>President</th>
<th>Ex-Officio</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOHN SCHOFF MILLIS, B.S., M.S., PH.D., LL.D.</td>
<td>WILLIAM HENRY WILLS, LL.D.</td>
</tr>
</tbody>
</table>

**His Excellency**

### On the Part of the University of Vermont

<table>
<thead>
<tr>
<th>Year</th>
<th>Trustee</th>
<th>Elect</th>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>1941</td>
<td>Ira Munn Boardman</td>
<td>Burlington, Vt.</td>
<td>1942</td>
<td>to</td>
</tr>
<tr>
<td>1941</td>
<td>Frederick Wayne Shepardson</td>
<td>Burlington, Vt.</td>
<td>1942</td>
<td>to</td>
</tr>
<tr>
<td>1942</td>
<td>George Percival Auld</td>
<td>10 Bedford St., Concord, Mass.</td>
<td>1944</td>
<td></td>
</tr>
<tr>
<td>1941</td>
<td>Levi Pease Smith</td>
<td>Barre, Vt.</td>
<td>1942</td>
<td>to</td>
</tr>
<tr>
<td>1941</td>
<td>Maurice Leslie Kelley</td>
<td>Burlington, Vt.</td>
<td>1942</td>
<td>to</td>
</tr>
<tr>
<td>1942</td>
<td>Peer Prescott Johnson</td>
<td>15 Washington St., Beverly, Mass.</td>
<td>1946</td>
<td></td>
</tr>
<tr>
<td>1943</td>
<td>Herbert Robbe Pierce</td>
<td>Montpelier, Vt.</td>
<td>1942</td>
<td></td>
</tr>
<tr>
<td>1941</td>
<td>Horace Henry Powers</td>
<td>St. Albans, Vt.</td>
<td>1942</td>
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<tr>
<td>1941</td>
<td>Joseph Blaine Johnson</td>
<td>Springfield, Vt.</td>
<td>1942</td>
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### On the Part of the State Agricultural College

<table>
<thead>
<tr>
<th>Year</th>
<th>Trustee</th>
<th>Elect</th>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>1941</td>
<td>Smith Seeley Reynolds</td>
<td>Middlebury, Vt.</td>
<td>1937</td>
<td></td>
</tr>
<tr>
<td>1941</td>
<td>Carroll Leander Coburn</td>
<td>E. Montpelier, Vt.</td>
<td>1943</td>
<td></td>
</tr>
<tr>
<td>1941</td>
<td>Asa Schoonmacker Bloomer</td>
<td>W. Rutland, Vt.</td>
<td>1943</td>
<td></td>
</tr>
<tr>
<td>1941</td>
<td>Wallace Macfie Fay</td>
<td>Proctor, Vt.</td>
<td>1939</td>
<td>to</td>
</tr>
<tr>
<td>1941</td>
<td>Cleon Arthur Perkins</td>
<td>Rutland, Vt.</td>
<td>1945</td>
<td></td>
</tr>
<tr>
<td>1937</td>
<td>Donald Arthur Hemenway</td>
<td>61 High St., Goffstown, N. H.</td>
<td>1945</td>
<td></td>
</tr>
<tr>
<td>1929</td>
<td>Thomas Charles Cheney</td>
<td>Morrisville, Vt.</td>
<td>1941</td>
<td></td>
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<tr>
<td>1941</td>
<td>James Edward Manahan</td>
<td>St. Albans, Vt.</td>
<td>1947</td>
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<td>1939</td>
<td>William Chester Walker</td>
<td>Cabot, Vt.</td>
<td>1947</td>
<td></td>
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</tbody>
</table>
STANDING COMMITTEES

Admissions: The Dean, the Secretary of the Faculty, Professors Jordan and Pierce.

Curriculum for Undergraduate Instruction: Drs. Amidon, Buttlés, Mackay, Pierce, and Goodman.

Library: Drs. Stultz, Corbin, Durfee, Gladstone, and Pierce.

Postgraduate Instruction: Drs. Hobbs, Mackay, Amidon, and Eastman.

Publications and Announcements: Drs. Dunihue, Mackay, and Sichel.

Research: Drs. Goodman, Dunihue, Pierce, Raab, and James.

Student Relations: The Dean and the Secretary of the Faculty.
COLLEGE OF MEDICINE
FACULTY AND OTHER OFFICERS

ADMINISTRATIVE OFFICERS

JOHN SCHOFF MILLIS ........................................ President of the University
B.S., University of Chicago, 1924; M.S., 1927; Ph.D., 1931; LL.D., Middlebury, 1942.

CLARENCE HENRY BEECHER ............................. Dean, Professor of Medicine
M.D., University of Vermont, 1900.

ARTHUR BRADLEY SOULE, JR. ................................ Assistant Dean, Professor of Radiology
A.B., University of Vermont, 1923; M.D., 1928.

ERNEST HIRAM BUTTLES ..................... Secretary of the Faculty, Professor of Pathology
A.B., University of Vermont, 1901; M.D., 1908.

PROFESSORS EMERITI

LYMAN ALLEN ........................................... Professor Emeritus of Surgery
A.B., University of Vermont, 1893; M.D., 1896.

THOMAS STEPHEN BROWN .................. Thayer Professor Emeritus of Anatomy
M.D., University of Vermont, 1904.

CHARLES FRANCIS DALTON ..................... Professor Emeritus of Public Health
M.D., University of Vermont, 1903.

FRED KINNEY JACKSON ................................ Professor Emeritus of Physiology
A.B., University of Vermont, 1897; M.D., 1899.

CHARLES KIMBALL JOHNSON ...................... Professor Emeritus of Pediatrics
M.D., University of Vermont, 1899.

DAVID MARVIN ......................................... Professor Emeritus of Pharmacology
M.D., University of Vermont, 1900.

CHARLES PERKINS MOAT .................. Assistant Professor Emeritus of Public Health
B.S., Massachusetts Institute of Technology, 1896.

GEORGE MILLAR SABIN ..................... Professor Emeritus of Clinical Surgery
B.S., University of Vermont, 1896; M.D., 1900.

CHARLES FLAGG WHITNEY ........ Professor Emeritus of Physiological Chemistry and Toxicology
B.S., University of Vermont, 1897; M.D., 1903; M.S., 1904.

* Absent on military leave.
PROFESSORS

CLARENCE HENRY BEECHER .................................. Professor of Medicine
M.D., University of Vermont, 1900.

THOMAS STEPHEN BROWN .................................. Professor of Medical Ethics and Medical Relationships
M.D., University of Vermont, 1904.

ERNEST HIRAM BUTTLES .................................. Professor of Pathology
A.B., University of Vermont, 1901; M.D., 1908.

JAMES CHARLES O'NEIL .................................. Professor of Psychiatry
B.S., University of Vermont, 1906; M.D., 1917.

HOVEY JORDAN .................................. Professor of Histology and Embryology
Ph.B., University of Vermont, 1913; M.S., 1914; A.M., Harvard, 1916.

EMMUS GEORGE TWITCHELL .................................. Professor of Ophthalmology,
A.B., Queen's University, Canada, 1902; Otolaryngology and Rhinology
M.D., C.M., 1906.

OLIVER NEWELL EASTMAN .................................. Professor of Gynecology
M.D., University of Vermont, 1908.

HERBERT ASHLEY DURFEE .................................. Professor of Obstetrics
A.B., University of Vermont, 1917; M.D., 1920.

*ARTHUR BRADLEY SOULE, JR. .................................. Professor of Radiology
A.B., University of Vermont, 1925; M.D., 1928.

HAROLD BARNARD PIERCE .................................. Professor of Physiological Chemistry
B.S., Massachusetts State College, 1917; M.S., Pennsylvania State College, 1921;
Ph.D., University of Rochester, 1928.

WILLIAM GRAVES TOWNSEND .................................. Professor of Urology
B.S., Dartmouth, 1919; M.D., University of Vermont, 1924.

CHARLES EUGENE FOGG, Lt. Col. U.S.A. .................................. Professor of Medico-
M.D., Bowdoin, 1914. Military Science and Commandant of Medical Unit

ALBERT GEORGE MACKAY .................................. Professor of Surgery
B.S., University of Vermont, 1929; M.D., 1932.

*DONALD SLAUGHTER .................................. Professor of Pharmacology and Physiology

WENDELL EVERETT JAMES .................................. Professor of Bacteriology and Clinical Pathology
A.B., Brown University, 1917; M.S., 1934;
M.D., University of Vermont, 1938.

LOUIS SANFORD GOODMAN .................................. Professor of Pharmacology
A.B., Reed College, 1928; M.A., M.D., University of Oregon, 1932. and Physiology

ASSOCIATE PROFESSORS

ELLSWORTH LYMAN AMIDON .................................. Associate Professor of Medicine
B.S., Tufts College, 1927; M.D., University of Vermont, 1932;

*Maurice Norbert Bellerose .................................. Associate Professor of Orthopedic
B.S., Norwich University, 1925; M.D., University of Vermont, 1929. Surgery

* Absent on military leave.
† Resigned as of June 1, 1943.
BIRD JOSEPH ARTHUR BOMBARD ... Associate Professor of Clinical Surgery
M.D., University of Vermont, 1905.

ROY EDWARD CORLEY ... Associate Professor of Pediatrics
A.B., Holy Cross College, 1921; M.D., University of Vermont, 1921.

*PAUL KENDRICK FRENCH ... Associate Professor of Clinical Medicine
Ph.B., University of Vermont, 1920; M.D., 1923.

CHESTER ALBERT NEWHALL ... Associate Professor of Anatomy
A.B., Northwestern College, 1924; M.D., University of Vermont, 1928.

WALTER ALVA STULTZ ... Associate Professor of Anatomy
A.B., Acadia, 1927; Ph.D., Yale, 1932.

ASSISTANT PROFESSORS

"JOHN ABAJIAN, JR. ... Assistant Professor of Anesthesia
M.D., New York Medical College, 1937.

BENJAMIN DYER ADAMS ... Assistant Professor of Surgery
M.D., University of Vermont, 1908.

EDWIN BROWN ADAMS ... Assistant Professor of Bacteriology
B.S., University of Wisconsin, 1936; M.S., Ohio State University, 1918.

JESSE OGLEVEE ARNOLD, II ... Assistant Professor of Clinical Neurology
B.S., Pennsylvania State College; M.D., Temple University, 1932.

LOUIS BENSON ... Assistant Professor of Preventive Medicine
B.E.E., Northeastern University School of Engineering, 1924;
M.D., Tufts Medical College, 1932.

PAUL WILLIAM BUTTERFIELD ... Assistant Professor of Pathology
A.B., Bowdoin College, 1930; M.D., Boston University, 1934.

"PAUL DENNISON CLARK ... Assistant Professor of Pediatrics
M.D., University of Vermont, 1926.

STUART STARNES CORBIN ... Assistant Professor of Pediatrics
B.S., University of Vermont, 1931; M.D., 1936.

EDWARD PERRY DISBROW ... Assistant Professor of Clinical Dermatology
M.D., University of Maryland, 1908.

FRED WILLIAMS DUNIHUE ... Assistant Professor of Histology and Embryology
A.B., Wabash College, 1929; M.S., New York University, 1931;
Ph.D., 1934.

LESTER MAHAN FELTON ... Assistant Professor of Clinical Urology
B.S., Dartmouth, 1919; M.D., Cornell, 1922.

"WINTHROP MAILLOT FLAGG ... Assistant Professor of Urology
M.D., University of Vermont, 1934.

ARTHUR GLADSTONE ... Assistant Professor of Clinical Surgery
B.S., University of Vermont, 1928; M.D., 1931.

* Absent on military leave.
THEODORE HENRY HARWOOD . . . . Assistant Professor of Medicine and
A.B., Hamilton College, 1932;
M.D. University of Vermont, 1936.
AYMER SETH COLUMBUS HILL . . . . Assistant Professor of Clinical Medicine
M.D., University of Vermont, 1898.
MILFORD LEROY HOBBS . . . . . . . . Assistant Professor of Pathology
M.D., Washington University, 1931.
ARTHUR RUSH HOGAN . . . . . . . . Assistant Professor of Clinical Surgery
A.B., University of Vermont, 1919; M.D., 1922.
†DAVID WILLIAM JAMES. Assistant Professor of Obstetrics and Gynecology
ARTHUR LEO LARNER . . . . . . . . Assistant Professor of Otolaryngology and
M.D., University of Vermont, 1904.
Rhinology and Clinical
Instructor in Ophthalmology
PETER PAUL LAWLOR . . . . . . . . Assistant Professor of Otolaryngology and
M.D., University of Vermont, 1920.
Rhinology and Clinical Instructor
in Ophthalmology
CLIFFORD SHATTUCK LEONARD . . . Assistant Professor of Pharmacology
Ph.B., Yale, 1915; M.S., 1917; Ph.D., Wisconsin, 1920.
FRANK EDWARD LEWIS, Lt. Col., Medical Corps, U.S.A . . . . . . . . . . . . . Assistant
A.B., Amherst, 1907; M.D., Dartmouth, 1912. Professor of Clinical Surgery
KARL CORNELIUS McMAHON . . . . . Assistant Professor of Ophthalmology and
B.S., University of Vermont, 1919; M.D., 1922. Clinical Instructor in
Otolaryngology and Rhinology
EDWARD DOUGLAS McSWEENEY . . . Assistant Professor of Gynecology
A.B., University of Vermont, 1919; M.D., 1922.
ROBERT LELAND MAYNARD . . . . . Assistant Professor of Orthopedic Surgery
M.D., University of Vermont, 1911.
ALFRED SMITH O'CONNOR . . . . . Assistant Professor of Clinical Pediatrics
A.B., Holy Cross College, 1914; M.D., Tufts Medical College, 1918.
WILHELM RAAB . . . . . . . . . . . Assistant Professor of Clinical Medicine
M.D., University of Vienna, 1920; M.D., German University of Prague, 1926.
*WALFORD TUPPER REES . . . . . Assistant Professor of Surgery
M.D., University of Vermont, 1924.
EDWARD JAMES ROGERS . . . . . . . Assistant Professor of Clinical Medicine
B.S., The Citadel, 1896; M.D., South Carolina, 1908; M.D., Columbia, 1912.
FERDINAND JACOB MORRIS SICHEL . . . . . Assistant Professor of Physiology
B.Sc., McGill, 1928; Sc.M., New York University, 1930; Ph.D., 1934.
WILLIAM JOSEPH SLAVIN, Jr. . . Assistant Professor of Clinical Obstetrics
B.S., University of Vermont, 1933; M.D., 1935.
FREDERICK CHARLES THORNE . . . . Assistant Professor of Psychiatry
A.B., Columbia, 1930; A.M., 1931; Ph.D., 1934; M.D., Cornell, 1938.
* Absent on military leave.
† Resigned as of May 16, 1943.
KEITH FRANK TRUAX .................. Assistant Professor of Surgery
B.S., University of Vermont, 1928; M.D., 1931.

HIRAM EUGENE UPTON ............... Assistant Professor of Clinical Medicine
B.S., St. John's College, 1924; M.D., University of Maryland, 1927.

FOSTER LANE VIBBER .............. Assistant Professor of Clinical Neurology
M.D., Tufts Medical College, 1929.

JOHN HAMILTON WOODRUFF, JR. Assistant Professor of Radiology
B.S., University of Vermont, 1935; M.D., 1938.

VISITING PROFESSORS

DAVID MARSH BOSWORTH ........ Visiting Professor of Orthopedic Surgery
A.B., University of Vermont, 1918; M.D., 1921.

THOMAS WRIGHT MOIR CAMERON .... Visiting Professor of Tropical Medicine
M.A., Edinburgh, 1922; Ph.D., London, 1924;
D.Sc., Edinburgh, 1926.

RICHARD HOLLIS OVERHOLT .... Consultant in Thoracic Surgery
A.B., Nebraska State Teachers College, 1920; M.D., University of Nebraska, 1926.

ADOLPHUS DUNCAN ROOD ........ Visiting Professor of Bronchoscopy
M.D., University of Vermont, 1908.

EUGENE FREDERICK TRAUB .......... Visiting Professor of Dermatology
B.S., University of Michigan, 1916; M.D., 1918.

INSTRUCTORS

ROBERT BASCOM AIKEN ............. Instructor in Industrial Hygiene
Ph.B., University of Vermont, 1931; M.S., 1933; M.D., 1937.

NATHAN RENWICK CALDWELL ...... Instructor in Clinical Radiology
M.D., University of Vermont, 1914.

* JEROME JOSEPH COHEN ............ Instructor in Clinical Pediatrics
A.B., Tufts, 1927; M.D., 1931.

ROBERT DOWNING COX ............. Instructor in Clinical Medicine
A.B., Amherst, 1934; M.D., Tufts, 1938.

* ALBERT JAMES CRANDALL ........ Instructor in Clinical Surgery
B.S., University of Vermont, 1930; M.D., 1933.

THOMAS PATRICK CUNNINGHAM ...... Instructor in Clinical Pediatrics
M.D., Tufts Medical College, 1918.

RICHARD BARRE DAVIS .......... Instructor in Medicine
B.S., University of Vermont, 1936; M.D., 1939.

JOHN SEELEY ESTABROOK ......... Instructor in Clinical Pediatrics
B.S., University of Vermont, 1929; M.D., 1933.

IRWIN STANLEY ESKWITH, CAPTAIN, MEDICAL CORPS, U. S. A. Instructor
A.B., Syracuse, 1936; M.D., 1940.

* HENRY MAURICE FARMER .......... Instructor in Preventive Medicine and
B.S., University of Vermont, 1933; M.D., 1937. Public Health

* Absent on military leave.
PAUL FREDRIC FENTON. Instructor in Physiological Chemistry
B.S., University of Rochester, 1938; M.S., University of Vermont, 1940.

J. LOUIS PHILIPPE FOREST. Instructor in Clinical Psychiatry
A.B., University of Montreal, 1920; M.D., 1925.

MERVIN FOSSNER. Instructor in Clinical Pediatrics
M.D., Long Island Medical College, 1921.

ERALD FAIRBANKS FOSTER. Instructor in Public Health
M.D., University of Vermont, 1927.

JOHN FREDERIC GOWDEY. Instructor in Medicine
B.S., University of Vermont, 1937; M.D., 1940.

HELEN EDITH HEINO. Instructor in Bacteriology and Clinical Pathology
B.S., University of Minnesota, 1936; M.A., 1941.

*FRED SCOTT KENT. Instructor in Clinical Medicine
M.D., University of Vermont, 1919.

ELIZABETH KUNDERT. Instructor in Psychiatry
B.S., University of Wisconsin, 1920; M.S., 1924;
M.D., Woman's Medical College of Pennsylvania, 1926.

HYMAN BERNARD LEVINE. Instructor in Clinical Medicine
B.S., University of Vermont, 1930; M.D., 1939.

JOHN FREDERICK LYNCH. Instructor in Clinical Surgery
B.S., University of Vermont, 1931; M.D., 1934.

KATHERINE ELLA MCSWEENEY. Instructor in Clinical Medicine
A.B., University of Vermont, 1922; A.M., Columbia, 1924;
M.D., University of Vermont, 1930.

† JULIAN PETER MAES. Instructor in Pharmacology and Physiology

*JAMES PATRICK MAHONEY. Instructor in Clinical Medicine
M.D., University of Vermont, 1932.

DONALD ALTON MARTIN. Instructor in Clinical Medicine
M.D., Royal Colleges, Edinburgh, 1936.

HAROLD EDWARD MEDIVETSKY. Instructor in Clinical Medicine
B.S., University of Vermont, 1929; M.D., 1932.

HENRY LEE MILLS. Instructor in Public Health
D.V.M., Grand Rapids Veterinary College, 1911.

DANIEL JOHN MORIARTY, MAJOR, MEDICAL CORPS, U. S. A. Instructor in Clinical Medicine
M.D., University of Vermont, 1937.

*NICHOLAS SALVATORE SCARCELLO. Instructor in Clinical Urology
M.D., Tufts Medical College, 1930.

FRANK ALPHONSE SLESINSKI. Instructor in Physiological Chemistry
B.S., Massachusetts State College, 1938; M.S., 1940.

*CLARENCE JESS SPEAS. Instructor in Oral Hygiene and Dental Medicine
D.D.S., Marquette University, 1931.

* Absent on military leave.
† Resigned as of July 1, 1943.
CHARLES IVES TAGGART...........Instructor in Oral Hygiene and Dental Medicine
D.M.D., Tufts Dental School, 1921.

CHRISTOPHER MARLOWE TERRIEN........Instructor in Clinical Medicine
M.D., University of Vermont, 1936.

*LOUIS GEORGE THABAU... Instructor in Surgery
M.D., University of Vermont, 1930.

JAMES EDWARD PHILIP TOMAN........Instructor in Pharmacology and Physiology
A.B., Clark University, 1937; Ph.D., Princeton, 1940.

EDWARD LAWRENCE TRACY............Instructor in Public Health
B.S., University of Vermont, 1926.

*GEORGE CHANDLER TULLY........Instructor in Clinical Urology
B.S., Dartmouth, 1927; M.D., University of Vermont, 1931.

MARSHALL COLEMAN TWITCHELL, JR........Instructor in Ophthalmology
A.B., Williams, 1934; M.D., Harvard, 1938.

*CONRAD WALL........Instructor in Clinical Neurology
A.B., University of Alabama, 1925; M.D., Harvard, 1929.

ARTHUR DOWNING WARD........Instructor in Clinical Medicine
A.B., Dartmouth, 1934; M.D., Tufts, 1938.

FELLOWS

ELLEN FRANCES BIRCHALL........Fellow in Physiological Chemistry
A.B., Regis College, 1941.

*BURNETT SHELDON RAWSON........Fellow in Pathology
M.D., University of Vermont, 1939.

*GEOFFREY PAUL WIEDEMANN........Fellow in Surgery
B.S., University of Vermont, 1938; M.D., 1941.

ASSISTANTS

HARRY JOSEPH ANTONIEWICZ............Assistant in Surgery
B.S., University of Vermont, 1937; M.D., 1940.

*CLARENCE EDWARD BOMBARD........Assistant in Surgery
B.S., University of Vermont, 1934; M.D., 1937.

*WILLIAM HENRY HEININGER........Assistant in Medicine
M.D., University of Vermont, 1939.

BADONA LEAH LEVINSON...........Assistant in Medicine
B.S., Pennsylvania State College, 1927; M.D., Woman's Medical College of Pennsylvania, 1941.

*JOHN HENRY MCCREA...........Assistant in Medicine
B.S., University of Vermont, 1935; M.D., 1938.

SPECIAL LECTURERS

AARON HINMAN GROUT........Lecturer in Medical Jurisprudence
Ph.B., University of Vermont, 1901.

* Absent on military leave.
LIBRARIAN

* Mary Olive Boynton, Ph.B., Librarian, Medical Library

Mary Bennett, Librarian, Medical Library

TECHNICIANS

Charlotte Mae Bailey, R.N., Physiotherapy Technician

Samuel Baron, Technician in Animal House

John Charles Boldosser, Laboratory Assistant in Department of Pathology

Dallas Richard Boushey, Technician in Department of Anatomy

Ernest Clarence Davis, Technician in Department of Physiological Chemistry

Mrs. Blanche Day, Technician in Department of Bacteriology and Clinical Pathology

Nancy Ellen Hart, A.B. Research Assistant, Department of Pharmacology and Physiology

Delbert Murray Kimball, Technician in Department of Pathology

Mrs. Jane Magrum, Laboratory Assistant in Bacteriology and Clinical Pathology

Francis Charles Mallory, Technician in Departments of Anatomy and Photography

Paul Emile Stuart, Technician in Department of Pharmacology and Physiology

ASSISTANTS

Marilyn Adler, Secretary, Department of Pharmacology and Physiology

Cornelia Josephine Baylies, A.B., Secretary to the Dean

Mrs. William Madigan, R.N., Dispensary Nurse

Elsinor Prouty, Secretary, Blood Plasma Bank and Department of Bacteriology and Clinical Pathology

Nathalie Marie Rousseau, Secretary, Dean’s Office

Mrs. Leslie S. Rowlands, Secretary, Department of Pathology

* Retired as of October 1, 1943.
ADMINISTRATION

The University of Vermont consists of four colleges, viz.: The College of Arts and Sciences, The College of Engineering, The College of Agriculture, and The College of Medicine. The College of Medicine is a member of the Association of American Medical Colleges and is rated as an approved institution by the Council on Medical Education and Hospitals of the American Medical Association. The excellent record of the graduates of this college and the high standing of the institution are, in large measure, the result of the intensive instruction given in small sections in lecture, laboratory, and clinic. The moderate tuition fee makes it possible for a student of limited means to prepare for the medical profession.

Inquiries as to admission to the University, requests for catalogues and bulletins, and information concerning the alumni should be addressed to the Director of Admissions of the University.

Requests for information and correspondence of a general character concerning the work of the institution as a whole, or its relation to its constituency, should be addressed to the President.

All telephones are listed under "The University of Vermont." Anyone desiring information concerning the University may secure the same during office hours by calling telephone number 5000, extension 316 or 335. For information concerning the Medical College, call 5000, extension 253.

HISTORY

The College of Medicine of the University of Vermont is one of the oldest institutions of its kind in the United States. A lecturer on Chirurgery and Anatomy was appointed by the Trustees of the University Corporation on August 16, 1804. The first full and regular course of lectures, however, was not given until the fall of 1822. In 1829 a Medical College building was erected at the south end of the campus. In 1836 the College was abandoned because of the death of some of its leading spirits and for lack of students. There had been graduated up to that time one hundred and sixteen men.

The reorganization and successful re-establishment of this school were due chiefly to the efforts of Dr. S. W. Thayer, then a practitioner at Northfield. His efforts date back to 1840 and finally were successful in 1853. Dr. Levi W. Bliss of Bradford was also active in securing the reopening of the College. The prosperity of the newly organized department in 1854 soon became manifest, and a material enlargement of the old Medical College building at the head of Main Street was demanded. A sum was raised and the necessary improvements made. In 1870 the citizens of Burlington contributed an additional sum of two thousand five hundred
dollars to enlarge the building further by the addition of a wing and to increase the seating capacity of the two lecture rooms. In 1884 the late John P. Howard generously gave a commodious building at the head of Pearl Street which was occupied first in 1885.

Until 1899 the relation of the College to the University was chiefly nominal. It was then reorganized and made a coordinate department of the University under the control of the Board of Trustees and its facilities both for teaching and study were increased materially. New rooms and improved apparatus were added and additional instructors secured. In 1903 the course was lengthened to seven months and in 1907 to seven and one-half months, giving thirty weeks of actual instruction. In December, 1903, the building which had been occupied by the College for twenty years was destroyed by fire. A new building was begun in August, 1904, and was dedicated in June, 1905.

In 1911 the faculty of the College of Medicine was reorganized and the department made an integral part of the University system. With the opening of the college year of 1912 the entrance requirements were raised to one year of collegiate work and the college year was made equal in length to that of the academic colleges. Beginning in September, 1917, a regulation went into force, providing that two full years of academic college work should be required for admission. This requirement has now been increased to three years of college work. In 1920 women were admitted to the College of Medicine.

THE COLLEGE OF MEDICINE BUILDING

The College of Medicine building, located at the north end of the College Green, is entirely adequate for the teaching of the preclinical years and for the didactic work of the third year. It is built of red brick with gray terra-cotta trimmings, is three stories high, and is fireproof.

This modern building is well equipped for teaching all branches of medical science, and includes up-to-date facilities for laboratory work. On the ground floor are located the Administrative Offices of the College and the Histology, Pathology, and Bacteriology Laboratories. An amphitheatre, capable of seating one hundred and fifty, is located on this floor. A second amphitheatre of slightly smaller capacity is located on the second floor. The Library of the College of Medicine, which is a division of the University Library, occupies the southwest portion of the second floor. The offices and student and research laboratories of the Departments of Physiological Chemistry and Pharmacology are also located on this floor. On the third floor are housed the Departments of Anatomy and Physiology. The Department of Anatomy has been entirely redecorated and the Dissecting Laboratory modernized with fluorescent lighting, museum and table equipment made possible by generous contributions from the Alumni of the
Medical College. A modern refrigeration unit insures excellent preservation of specimens. The new teaching museum includes a permanent display of cross sections of a complete male body, together with additional head sections and female pelvic sections, housed in glass-topped containers. The student laboratory of the Physiology Department was recently rebuilt and equipped with large working benches supplied with sinks, alternating and direct current, and impulse timing, thus allowing for the best forms of experimental work. Offices and research laboratories for the use of the members of these two departments are also on this floor. In the basement of the building are research and technical laboratories of the Departments of Pathology and Anatomy.

Adjacent to the Medical Building are the offices and laboratories of the Vermont Department of Public Health, and an animal house used by the College for undergraduate teaching and research.

CLINICAL FACILITIES

The normal capacity of the general hospitals in Burlington used by the Medical College is 635 beds. Fully four hundred of these beds are used without restriction by the College for clinical teaching. Services in urology, dermatology, neurology, and pediatrics at the Worcester City Hospital and in contagious diseases at the Belmont Hospital in Worcester bring increases in numbers of patients seen.

To these clinical facilities are added those of the outpatient and Dispensary services which total well over 20,000 cases a year, and those of the State Hospital for mental disease, 1,035 beds, at Waterbury, Vermont; the Vermont Sanatorium for tuberculosis and the Caverly Preventorium at Pittsford, 85 and 48 beds respectively; the hospital facilities of the Brandon State School for the feeble-minded, and the teaching facilities available through the study of children at the Vermont State Home for Destitute Children and St. Joseph's Orphanage, both in Burlington. The number of children cared for in these latter two institutions totals well over three hundred. Admissions to the medical, surgical, obstetrical, and specialty services used for teaching purposes approximate 12,000 annually exclusive of the special facilities just described. With this amount of clinical material and with a limited enrollment of forty students in each of the two classes doing clinical work, an entirely favorable patient-student ratio obtains.

HOSPITALS

THE MARY FLETCHER HOSPITAL. This general hospital of 185 beds, 45 bassinets, has been associated with the Medical College for teaching purposes since 1879. All medical and surgical services are represented. The hospital averages well over 5,700 cases yearly, of which fully two thirds are
available for teaching purposes through the use of free and part-pay beds, and through the private cases of attending staff men who are connected with the College in a teaching capacity. The hospital carries the approval of the American Medical Association for interne training and for residencies in medicine, radiology, and pathology.

THE BISHOP DEGOESBRIAND HOSPITAL. The Bishop DeGoesbriand Hospital, operated by the Sisters of St. Joseph, was completed in 1924. This fully modern and completely equipped institution is located on the west side of the College Green and directly across the corner from the Medical College. It is fully approved for interne training. Arrangements are now effective in this general hospital for the use of service cases and certain private cases for third and fourth year teaching. The hospital averages over 3,600 cases annually. Its capacity is 125 beds, of which only 43 are allocated for private patients. All services are represented. Members of the attending staff hold teaching positions in the College. Fourth-year men are assigned to one month in residence in this hospital.

THE STATION HOSPITAL, FORT ETHAN ALLEN. The clinical facilities of this hospital are used by the College to the fullest extent. Far from presenting the average type of clinical material to be found in Station Hospitals of the Army, the teaching material afforded the school by this institution through its services to the personnel of Fort Ethan Allen, the regional camps of the Civilian Conservation Corps, and emergency hospitalizations for beneficiaries of the Veterans' Facility and Works Progress Administration, is most varied in its scope. The hospital averages over 2,415 cases annually, the average daily census being about 100. The hospital's normal capacity is 250 beds. The medical services yield an abundance of the more severely acute forms of respiratory and cardiac infections, together with a fully representative amount of functional diseases of various description. The surgical division, in addition to the usual service, presents a very considerable number of traumatic cases. Members of the commissioned personnel hold appointments in the College and take an active part in the teaching of the sections assigned to their charge. Fort Ethan Allen is within four miles of the College and is easily reached by bus or private car.

THE FANNY ALLEN HOSPITAL, WINOOSKI. This hospital, the smallest of those associated with the College, presents an unusually large and varied amount of teaching material in the 1,150 cases admitted there yearly. Practically all of these are service cases. The attending staff hold teaching appointments in the College and take charge both of third year ward work and fourth year clinical clerkships. Fourth year men assigned to this hospital assume, under close supervision by the teaching staff, the full duties of internes. Two fourth-year men are assigned every month to this hospital. A section of four third-year men is assigned here for ward work.
Clinical clerkships in urology in both outpatient and inpatient services, including work in the venereal disease clinic of the City of Worcester, are available to sections of three men from the fourth-year class assigned to this service on a monthly basis. The service is under the direct supervision of the head of the Division of Urology in the Department of Surgery. Teaching is carried on by the attending staff in urology, all of whom hold appointments in the College. The urological service averages over 900 inpatient and 3,600 outpatient cases annually. In addition to work in urology, the section at Worcester also carries an assignment in clinical neurology under the tutelage of the attending staff in neurology who, again, are faculty members of the University of Vermont College of Medicine. The work includes both inpatient and outpatient studies. Clinical work in pediatrics and dermatology is available under similar supervision. The student section in Worcester also participates in grand ward rounds and is privileged to attend staff meetings and conferences pertaining to the medical services of the hospital. On assignment to this service, students take up residence for a month in Worcester. As with senior students elsewhere, their work is on a day-around basis.

**THE BELMONT HOSPITAL, WORCESTER, MASSACHUSETTS.** This is the isolation and tuberculosis hospital of Worcester, Massachusetts. The new building makes the capacity 250 beds. Through the cooperation of its trustees, this hospital affords sections of seniors a study of communicable diseases, including tuberculosis. The instruction is under the direction of the Superintendent, Dr. H. K. Spangler.

**OBSTETRICAL SERVICE.** The obstetrical service includes attendance at the maternity ward of the Mary Fletcher Hospital, the prenatal and postnatal clinics held at the Burlington Free Dispensary, and a service at the Elizabeth Lund Home. Sections of three students spend one month on this service.

The service at The Elizabeth Lund Home is under the immediate direction of the Professor of Obstetrics of the College of Medicine. Patients are assigned to individual students who, under the supervision of a clinical instructor, act as labor clerks, taking histories, making general physical and obstetrical examinations and keeping detailed records. The labor clerk observes or assists at deliveries. At the Lund Home the student is taught a technic designed to meet obstetrical problems under conditions which might be found in a private home where only limited resources and limited facilities are at hand. Hospital technics are learned in the study of labor cases attended at the Mary Fletcher Hospital.

**PEDIATRICS.** The wards of the three local hospitals, the St. Joseph's Orphanage, the Vermont State Home for Destitute Children, and the Elizabeth Lund Home, together, furnish a full service in pediatrics. To this is added clinical
work at the Caverly Preventorium, the Brandon State School and the Worcester City Hospital. Each institution is under the personal direction of a member of the teaching staff.

**VERMONT STATE HOSPITAL, WATERBURY.** This institution with 1,080 beds is of sufficient capacity to make it possible for the teacher to carry out what is regarded by many as an ideal method of teaching a clinical subject; that is, by arrangement of subject matter by the teacher in such a manner as to give it the order and emphasis it properly deserves, and finding in the hospital at the moment cases illustrative of that subject. Students are given two weeks of intensive instruction, as resident students, by the chief of the staff, and his assistants.

**THE VERMONT SANATORIUM AND CAVERLY PREVENTORIUM, PITTSFORD.** The Vermont Sanatorium for incipient and early tuberculosis with 85 beds and the Caverly Preventorium for undernourished children with 48 beds, both located at Pittsford, are under the immediate supervision of an officer of the faculty of the College. In these institutions, in addition to the didactic and clinical instruction that the student receives at the various general hospitals and dispensaries, he is given intensive instruction in tuberculosis, free from the disturbing influences of the larger general institution, and from the larger groups of students attending them. The fullest advantage possible is taken of the opportunity for individual or personal teaching by the staff.

**BRANDON STATE SCHOOL.** Senior sections are assigned for two weeks at the Brandon State School for clinical clerkships in childhood psychiatry. This work is in charge of the state Psychiatrist and is offered to supplement clinics in mental hygiene conducted at the Dispensary in Burlington and clinical clerkships in pediatrics.

**DISPENSARIES.** Two dispensaries are maintained by the College: one at the Mary Fletcher Hospital, and one at 174 Pearl Street, for many years occupied by the Howard Relief Society. In addition to a complete renovation of the two floors used for outpatient service, the College has at considerable expense re-equipped the services offered there. During the fiscal year ending June 30, 1943, the Dispensary handled 15,471 visits.

In a program for clinical teaching, it is to be pointed out that the relatively small number of patients seen is, perhaps, more to the student's advantage than if he were to see four or five times as many. This is all the more true considering the added advantage of his seeing these patients under the guidance of a large staff of full-time clinical teachers.

The arrangement whereby the Howard Relief Society, the Visiting Nurses Association, and the Vermont Children's Aid are housed in the same building with the Dispensary affords a most useful correlation of medical service work and allows the students attending the services ample
opportunity to familiarize themselves with organized welfare work, both State and voluntary.

By arrangement between the Department of Charities of the City and the College, the sick poor, both ambulatory and "bed" cases, are committed to the care of the authorities of the College. A director with a competent staff is in charge of both interne and externe services. Senior students are assigned definite duties in rotation to both interne and outside services, under the personal supervision of a full-time clinical instructor.

LIBRARY AND MUSEUM

The Library of the College of Medicine contains 14,622 volumes and 20,775 pamphlets. It is located on the second floor of the Medical Building. There are 200 current medical journals on file and loose-leaf systems of medicine, surgery, pediatrics and roentgenology are kept up to date. From time to time it has acquired valuable accessions from the medical libraries of Drs. H. C. Tinkham, D. C. Hawley, F. T. Kidder, F. W. Sears, J. L. Campbell, L. C. Eisenberg, E. W. Shipman, R. T. Johnson, G. B. French, the Drs. Buillard, F. D. Carr, the latter a gift of Dr. C. D. Pierce, T. S. Brown, J. N. Jenne, John B. Wheeler, G. C. Berkley and T. H. Hack. The State Laboratory of Hygiene offers for the use of the students of the College its complete list of medical journals and periodicals.

In addition to the main library, departmental libraries are located in the rooms of the Departments of Anatomy, Pathology, Chemistry, Physiology and Pharmacology, respectively. These libraries include the books of reference commonly used in the various courses.

The Stone Memorial Fund, amounting to one thousand dollars, was contributed by the family, associates, friends and students of Dr. Bingham H. Stone, late Professor of Pathology. The income from the fund is used for the purchase of books or periodicals dealing with pathology or related subjects. This material, together with Doctor Stone's own books, given by Mrs. Stone, makes up the Stone Memorial Library, which is an integral part of the library of the College of Medicine.

In addition to full exchange privileges with larger libraries, the Medical College has recently acquired a microfilm apparatus, thus making it possible to have the use of publications not regularly received.

The Medical Museum contains a large number of specimens, illustrating the development of the body, the relation of normal structures of the body and various pathological conditions. A large number of sections of the brain show the internal structure of that organ. These specimens are distributed throughout the laboratories, where they can be made the most useful in teaching various subjects.

LABORATORY FACILITIES

In addition to the well-equipped laboratories of pathology, bacteriology, chemistry, histology and embryology, pharmacology, physiology and
anatomy, in the College building, there are available and used for teaching purposes the bacteriological, diagnostic, serological, medico-legal, food and water laboratorie of the State Board of Health, situated in the Board of Health building adjoining the College of Medicine. This building is the property of and was fitted up by the University. There exists the closest sympathy between the State Board of Health and the University, making the interests of the two institutions one. The Secretary and Executive Officer of the State Board of Health is Professor Emeritus of Public Health in the College; the Director of the Board of Health Laboratory is Professor Emeritus of Toxicology and Physiological Chemistry in the College; and the Sanitary Chemist of the former institution is Assistant Professor Emeritus of Public Health in the department of Preventive Medicine and Public Health.

Classes in water and milk analysis are held at the laboratories of the State Board of Health; the large amount of material sent from all parts of the State to this laboratory furnishes an abundance of material for student use in Pathology, Bacteriology, Clinical Microscopy and Sanitary Chemistry. Furthermore, the Director of the Board of Health Laboratory is by virtue of that position, State Pathologist, a position equivalent to medical examiner in other states, and performs all autopsies required by the State Department of Justice. Much of this material is available for teaching in Pathology.

Well-equipped dark rooms and photographic laboratories which include equipment for photomicrography are maintained in the College of Medicine Building and at the Mary Fletcher Hospital. These facilities may be used by any department of the College.

PARTICIPATION IN HEALTH ACTIVITIES WITHIN THE STATE

At the 1939 session of the State Legislature, further provision was made for the maintenance of a State Cancer Commission whose function is both that of case-finding and, to a certain extent, the treatment of patients suffering from malignant neoplasms. The Medical College through its faculty, both full-time and part-time, has been active in staffing the clinics held in Burlington and in making full provision for histological diagnosis in all cases seen by the Commission. The close cooperation between the faculty men in Burlington, the State Division of Women's Field Army Against Cancer, and the Cancer Commission affords a splendid instance of the Medical College’s usefulness to this region and its rôle in problems not primarily connected with medical teaching.

An additional participating activity in the field of preventive work is the Medical College’s interest and activities in aiding case-finding in tuberculosis, mental disease, diseases of the eyes, and in work for crippled children. While such clinics are for the most part staffed by men whose primary interests are centered in the State organizations with which they
are connected, the Medical College meets a generous share of the expense of these clinics, houses most of those held in Burlington, and stands in a position to augment the diagnostic services concerned. Maternal welfare in Vermont benefits materially from the College's policy of affording hospitalization for lying-in cases in instances of medical indigency. The same, of course, is true for those able to avail themselves of the diagnostic and therapeutic clinics maintained by the College. There is no major health activity in Vermont either State supported or privately supported in which the Medical College does not play an integral part.

Finally, the Medical College offers organized courses in postgraduate medical studies to the practitioners of the region it serves. The College's policy is strongly inclined toward the feeling that a very considerable part of its activities should be the encouragement of a continuation of medical study by medical practitioners after their graduation. Postgraduate courses are, accordingly, offered at relatively frequent intervals.

FEES AND EXPENSES

<table>
<thead>
<tr>
<th>Description</th>
<th>Fee</th>
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</thead>
<tbody>
<tr>
<td>Tuition Fee for each session for Vermont students</td>
<td>$400.00</td>
</tr>
<tr>
<td>Tuition Fee for students not residents of Vermont</td>
<td>$50.00</td>
</tr>
<tr>
<td>Osler Club Fee</td>
<td>$3.50</td>
</tr>
<tr>
<td>Fee for the Doctor's Degree, payable at graduation only</td>
<td>$25.00</td>
</tr>
<tr>
<td>Average Range Room Rent in Converse Hall</td>
<td>$135.00 to $175.00</td>
</tr>
<tr>
<td>Room Rent in the city</td>
<td>$125.00 to $200.00</td>
</tr>
<tr>
<td>Board</td>
<td>$200.00 to $300.00</td>
</tr>
</tbody>
</table>

Students entering the College of Medicine who have never been previously enrolled for a regular session in one of the Colleges of the University are charged $5.00 as a fee for registration.

Students who enter the first year in the College of Medicine following three years' attendance in the College of Arts and Sciences of the University of Vermont are charged the academic student activity fee of $3.50 for that year only. The Osler Club Fee is included in the Student Activity Fee.

Each student is required to deposit $20 at the beginning of the college year to cover any breakage charges which may be reported. The amount charged in each year will be collected at the opening of the following year, thereby re-establishing the deposit in its original amount. At the end of the fourth year the amount standing to the credit of each senior will be applied toward the fee for the Doctor's Degree.

Each student in the College of Medicine is required to purchase or rent at the beginning of his Freshman year a compound microscope, conform-
ing in make, model and equipment to a specified standard. Approved microscopes are sold or rented to students at the University Store.

Students must provide microscopical supplies for use in the various laboratories.

Each student must purchase a dissecting case for use in the Anatomical Laboratory.

Medical textbooks and outlines, and student supplies and equipment are sold at the University Store in the Waterman Memorial Building.

The tuition fee is payable in two equal installments, at the beginning of each semester. Students are not admitted to classes of a half year until the comptroller’s receipt has been issued.

Students temporarily absent from the University are charged as if present.

Students who engage a room in a College dormitory are liable for the rental charge for the entire year.

A student who has been dropped into a lower class because of deficiency in his work, or for other reason, will be required to pay his bills for the additional year or years in which he may be a member of the University.

In no case will a scholarship or tuition exemption be available for more than four years.

HONORS AND PRIZES

The five students who are found to have secured the highest aggregate of credits during the entire four years’ course of study in the College of Medicine are designated honor men, and each is graduated as Doctor of Medicine, cum laude.

The Governor Woodbury Prizes.—The income from a fund of one thousand dollars provides annually two equal scholarships. The first is awarded at graduation to the student who has shown the greatest proficiency in clinical work. The other prize is awarded to the sophomore having the highest standing in the subjects of the first two years. The amount of each prize is determined by the actual income obtained from the investment of the fund.

The Carbee Prize.—A prize fund of three thousand dollars, established by the late Mrs. May D. Carbee of Haverhill, N. H., in memory of her husband, Moses Dyer Carbee, M.D., of the class of 1873, provides that the income on said fund be awarded annually by the Department of Obstetrics to that student of the Senior class who has shown the greatest proficiency in the subject of Obstetrics. The amount of the prize is the income earned annually from the investment of the fund.

Nu Sigma Nu Merit Awards.—Two merit awards are given annually by the local chapter and the National Executive Council of Nu Sigma Nu Fraternity, one to the outstanding junior and one to the outstanding fresh-
man. These awards are based on scholarship attainment, character, leadership, general sociability, and extra-curricular activities.

Book Awards.—Book prizes for meritorious work were awarded in March 1943 by the following publishing companies: D. Appleton-Century, Lea and Febiger, C. V. Mosby, Charles C. Thomas, and Williams and Wilkins.

FELLOWSHIPS, SCHOLARSHIPS AND LOAN FUNDS

The University Trustees have established two teaching fellowships in Clinical Medicine to be awarded each year, good for two years, which will be given to graduate medical students holding academic degrees, who may wish to pursue further their studies in Clinical Medicine with the purpose of obtaining the degree of Master of Science.

A scholarship fund of three thousand dollars was established by the late Mrs. May D. Carbee of Haverhill, N. H., in memory of her husband, Moses Dyer Carbee, M.D., of the class of 1873. The income on said fund is to be given annually to a deserving student in the College of Medicine. The amount of the scholarship is the actual income earned by the investment of the fund.

Fifty State Scholarships of one hundred dollars each for the benefit of medical students in this institution who are in need of financial assistance, and who have resided in Vermont for two consecutive years preceding enrollment, were established by the State Legislature in 1919. Students receiving the benefit of such scholarships must agree to practice medicine in Vermont one year for each year this aid is given or refund the amount received. Application blanks may be obtained from the Comptroller.

A loan fund of four thousand dollars was established by the late Mrs. May D. Carbee of Haverhill, N. H., in memory of her husband, Moses Dyer Carbee, M.D., of the class of 1873. This fund is for the benefit of deserving students of the College of Medicine subject to the usual rules governing loan funds.

The Edith Blanche Kidder Scholarships, five in number, were established by the late Joseph W. Kidder. These are for students in the College of Medicine, preference being shown to legal residents of Barre, Vermont. The amount of each scholarship is determined annually, each award being one fifth of the actual income from the investment of the fund.

The Medical College Loan Fund is available for loans to students enrolled in the College of Medicine.

There are also certain special and endowed scholarships, including Wilbur Fund, which are available to students of any college in the University. For information concerning these, see the catalogue number of this Bulletin.
For some years it has been recommended that students who intend to study Medicine should first complete the regular four-year curriculum in the College of Arts and Sciences, taking the courses prescribed by the Council on Medical Education and Hospitals of the American Medical Association, and those recommended as being especially valuable. For those who desire the Bachelor's and Doctor's degrees and find it impossible to spend eight years, a combination curriculum of seven years has been provided. A candidate must complete the work of the first three years in the College of Arts and Sciences, including the requirements for admission to the College of Medicine. In his fourth year, he will be considered as enrolled in both the College of Arts and Sciences and in the College of Medicine, but will pursue only the studies of the first year in the latter college, on the successful completion of which he will receive his B.S. degree.

During the war emergency, an accelerated program may further reduce the time required to complete the combined curricula to a minimum of five calendar years.

Students from other institutions who desire to receive both degrees must complete at least one full year's work in junior or senior standing in the College of Arts and Sciences before entering the College of Medicine.

The College of Arts and Sciences of the University of Vermont enrolls those students preparing for the study of medicine in its regular curricula. Each student receives the guidance of an Advisor who will assist him in choosing the proper courses of study. Although considerable flexibility of choice is allowed, the program most frequently selected during the freshman year includes the following: English, Chemistry, Biology, Mathematics, and a foreign language.

At the end of the freshman year, these students appear before the Medical Advisory Committee composed of representatives of the College of Medicine and the College of Arts, who will advise such students of the feasibility of continuing premedical preparation and the choice of further courses.

Transfers from other colleges to the College of Arts and Sciences who intend to apply for admission to the College of Medicine also appear before this Advisory Committee.

Sophomore students consult with the Advisory Committee at the end of that year, at which time the program of studies to be followed for the subsequent sessions will be considered.

Because of the flexibility of the program and the frequent consultations with the student's Advisor and the Medical Advisory Committee, a choice of studies best adapted to the preparation and aptitude of the individual student is assured.
For students who entered the College of Arts and Sciences prior to September 1942, a special premedical curriculum was provided consisting of the following:

**OUTLINE OF THE FIRST THREE YEARS OF THE B.S.-M.D. COMBINATION CURRICULUM**

### THE FRESHMAN YEAR

<table>
<thead>
<tr>
<th>Course</th>
<th>1st HF.</th>
<th>2nd HF.</th>
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<tbody>
<tr>
<td>English I</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Mathematics I</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>French 1 or 3, German 1 or 2</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry 1 or 21</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Botany 1 and Zoology 1</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Physical Education 1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Military Science 1 (Men)</td>
<td>2</td>
<td>2</td>
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### THE SOPHOMORE YEAR

<table>
<thead>
<tr>
<th>Course</th>
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<th>2nd HF.</th>
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<tbody>
<tr>
<td>English 2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>French or German</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry 9 and 10 (Organic)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physics 1</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Elective or Psychology 1</td>
<td>3-4</td>
<td>3-4</td>
</tr>
<tr>
<td>Physical Education 2 (Men)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Military Science 2 (Men)</td>
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<td>2</td>
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### THE JUNIOR YEAR

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<tr>
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<tbody>
<tr>
<td>English (advanced course)</td>
<td>2-3</td>
<td>2-3</td>
</tr>
<tr>
<td>Zoology 7 (Embryology) and Botany 8 (Cytology)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Physical and Quantitative Chemistry</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 1 or Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>4-6</td>
<td>4-6</td>
</tr>
</tbody>
</table>

Such students will be expected to complete essentially the above curriculum before applying for admission to the University of Vermont College of Medicine.

**REQUIREMENTS FOR ADMISSION**

Enrollment in the College of Medicine has been restricted in order to maintain the highest scholastic standards. At the present time forty students are selected for the entering class.

A minimum of three years of college work in which certain subjects are required is a prerequisite for admission to the College of Medicine. It is a further prerequisite that this work shall have been done in an institution approved for premedical training by the Council on Medical Education and Hospitals of the American Medical Association. Their requirements are: one year each of English, General Chemistry, Organic Chemistry, Physics and Biology. In addition, the College of Medicine recommends a second course in English, a year in Mathematics, and a course of intermediate grade in a foreign language. These minimum requirements afford the student the opportunity of electing additional courses so that his undergraduate study will be both adequate preparation for professional work and a broad education as well.

The above paragraph applies only to those students who are not in the Army or Navy programs. The Army requires 60 weeks and the Navy 80 weeks of prescribed premedical work for entrance.
The curriculum offered in the College of Arts and Sciences not only covers this work but also coordinates in subject matter with the work in the College of Medicine. The students preparing for the study of medicine are enrolled in the regular curricula. The Admissions Committee expects applicants to have completed a program like that outlined in the previous paragraph. At the same time the Committee may, at its discretion, give favorable consideration to applicants who have not found it possible to follow in close detail the premedical curriculum, provided that they have completed three years of college work and are able to show acceptable credit in the required courses.

In general, preference is shown in matters of admission: First, to residents of the State of Vermont; second, to sons and daughters of graduates of the University. If vacancies remain after these two groups have been considered, the quota will be filled with those non-resident applicants who, in the judgment of the Medical Admissions Committee, are best qualified to prepare for the practice of medicine.

All candidates must be able to show the Admissions Committee not only that they have passed the courses necessary to fulfill the entrance requirements, but also that their scholarship and personal qualifications for the study of medicine are of such character as to give high promise for success in the course of their medical studies.

Eligibility of an applicant for enrollment in the Freshman class as finally determined by the Admissions Committee of the College of Medicine is based upon:

1. The amount of premedical and other subject matter, and the quality of the record.
2. The score reported in the Aptitude Test, adopted by the Association of American Medical Colleges.
3. The personality and general fitness of the applicant for the study of medicine as determined by a personal interview with the above-named committee and by the recommendations of his premedical instructors and other persons.

Application blanks for entrance to the first year class may be secured from the Dean upon request. Individuals selected by the Admissions Committee on information so furnished will be given personal interviews. Notification of selection for personal interviews will be carried out by the Dean’s office.

ENROLLMENT

Payment of bills, registration and enrollment occur on the first day of the College year. Printed directions may be secured from the Registrar. Registration for each session closes seven days after the opening of College. New students will not be enrolled in the College of Medicine except at the beginning of a session.
ADMISSION OF STUDENTS TO ADVANCED STANDING

For a number of years the College of Medicine has accepted few students to advanced standing. When students are accepted, the following requirements are rigidly imposed:

1. That the premedical and medical work accord with the courses required at this institution, and were taken at an institution approved by the Council on Medical Education and Hospitals of the American Medical Association.
2. That the scholastic record is satisfactory.
3. That the previous record shows that one or more years have not been repeated on account of low scholarship regardless of class standing.
4. That the statement of record shows no outstanding condition whatsoever and that a letter of honorable dismissal be presented.

A personal interview is required of all applicants for admission by transfer to the College of Medicine. Preference will be given to residents of the State of Vermont, particularly those holding a baccalaureate degree.

Students desiring advanced standing are subject to the same rules in regard to advancement in course as students who have attended this college. No applicant for advanced standing will be enrolled under more favorable conditions than would obtain were he to continue at the institution from which he seeks to transfer.

Students dismissed by reason of failure grades from other institutions will not be considered for admission to any class in the College of Medicine.

A student desiring to enter an advanced class must present a letter of honorable dismissal and a certificate from the college from which he comes indicating the subjects presented for admission, the courses completed with the grades, and the conditions under which he could continue.

REQUIREMENTS FOR AN ADVANCEMENT IN COURSE

Attendance upon all the exercises assigned for the year is obligatory. Failure to attend 80 per cent of the exercises of any subject constitutes a failure in that subject. The plan for the medical course of study is understood to comprise four consecutive school years. Any resumption of study after absences greater than the time now allowed for absence will be permitted only on majority vote of the Faculty after careful study of the case by the Admissions Committee.

The work of each year is final and students are advanced when they have satisfactorily completed the work assigned for the year.

The standing of each student in his class at the end of the session is based upon the general character of his work in the different laboratories and other practical exercises, upon the character of his recitations, upon
the result of the midyear examinations and upon the result of the examinations held at the end of the session.

Students who fail in not more than twenty-five per cent of the work by subjects in the first, second, or third years, may be re-examined in these subjects at the regular examination period preceding the opening of the next session. The marks obtained in this re-examination are computed with the credits earned during the preceding session in exactly the same way as those obtained in the examination at the end of the session.

A student who, upon re-examination again fails, will not be advanced; provided, however, that if such failure be in a single subject which is not completed in that year, the student may, upon recommendation of the head of the department in which he failed, and by a vote of the Faculty, be advanced with a condition. A student failing in any course and yet permitted to advance with his class shall not be promoted a second time until that failure is removed.

Students who have failed in more than twenty-five per cent of the work by subjects in any year may enroll the following session to repeat the work of that year only upon the recommendation of the Admissions Committee and with the express approval of the Faculty.

A student who has been a member of any class for two sessions, and has failed to complete satisfactorily the work of that year, will not be enrolled again as a student of the College.

A student who is not present at an examination will be classed as having taken the examination and failed, unless excused from such examination by the Faculty.

REQUIREMENTS FOR GRADUATION

Candidates for the degree of Doctor of Medicine must have reached the age of twenty-one years and must have presented satisfactory evidence of good moral character. All the requirements of this college in regard to preliminary education must have been met, and the candidate must have attended regularly and completed satisfactorily the prescribed work of the four courses of instruction in medicine.

While interneship is not required for graduation, graduates are expected to serve at least a one-year interneship in a hospital approved by the Council on Medical Education and Hospitals of the American Medical Association in addition to the four years of college work.

All candidates for the degree of Doctor of Medicine must be present at Commencement unless excused by the Dean of the College and the President of the University.

OUTLINE OF THE CURRICULUM

The student studies first the general structure of the body, its embryological development, the functions of the various organs, the chemical
processes taking place in the body and the minute structure of the tissues and organs in health.

Then follows consideration of the changes in gross and microscopic anatomy, the variations in the chemical processes and in the functions of organs and tissues under the influence of disease and how such changes give rise to different symptoms and physical signs. The methods of interpreting such findings in arriving at a diagnosis are also considered.

The student then studies the methods of investigating diseases, their causes and prevention, as well as the remedies used in their treatment. The various surgical conditions are considered along with the indications for treatment or operation. Reproduction and development are studied together with the management of normal and abnormal labor.

Instruction is given by lectures, demonstrations, recitations, library work, practical courses, laboratory work, clinics and clinical teaching, at the bedside and in the Dispensary. For clinical work the class is divided into small sections. Each student, therefore, receives the personal attention of the instructor and is given every opportunity for the full use of assigned material.

The work of the First Year includes the study of Anatomy, Physiology, Physiological Chemistry, Histology, Embryology and Neuroanatomy.

In the Second Year courses are given in Pharmacology, Pathology, Bacteriology and Public Health. Anatomy and Physiology are completed in this year. Medicine, Surgery, Obstetrics, Pediatrics and Psychiatry, find their introduction in the second year’s curriculum. Throughout the year every effort is made to integrate the student’s work so that the relation of each course to the others is fully apparent and the student is brought to an appreciation of the interrelations of the medical sciences. As a part of this plan, a two-hour period is set aside each week during the second semester for a correlation conference. This is offered as a course in itself and is designed to emphasize interdepartmental studies and interdepartmental relationships. Selected cases are brought forward for study and each of the departments connected with second-year teaching takes part in this assignment.

The work of the Third Year includes further study in Medicine, Surgery, Obstetrics, Pediatrics, Therapeutics, and the various subjects of Medicine and Surgery. Pathology is extended into the third year both as a continuation of the second year’s general course and as a course outlining special pathological conditions encountered in clinical medicine. With this in view, emphasis is placed on Surgical Pathology, both gross and microscopic. A course in Radiology extends throughout the year and Physical Therapy is taught during the second semester.

Ward work in Physical Diagnosis is begun in the third year. Students are assigned in small sections to the wards of the hospitals connected with the College. This work, under proper supervision, includes the taking
of histories and physical examinations. When the work is completed, the case is presented before the section for criticism by the instructor. Ward work of this nature occupies the afternoon periods of the third year.

The correlation conferences begun in the second half of the second year are continued at weekly intervals throughout the third year. While the principal emphasis in the second-year correlation conferences is placed on problems more related to preclinical subjects, in the third year the conferences go further into clinical problems keeping in close touch, nevertheless, with established bases in preclinical fields. Here again the conference is offered as a joint activity of the departments associated with the class's instruction. The plan follows that of the second year in using selected cases for discussion.

Practical courses in Minor Surgery and manikin exercises in Obstetrics are also given in the third year.

The Fourth Year is devoted to the study of clinical diagnosis and the treatment of disease, the work being entirely clinical and without didactic teaching.

The class is divided into sections of not more than four students each. These sections are assigned to various services in rotation. These services include Medicine, Surgery and Obstetrics, together with the Medical and Surgical specialties at the Mary Fletcher Hospital, general service at the Bishop DeGoesbriand and Fanny Allen Hospitals, and city service with the City Physician.

During the year the students are required to attend autopsies under the instruction of the Professor of Pathology, and to make such study of the tissues removed as may be of value in understanding the pathological history of the case.

As a supplement to the clinical work in Burlington, a month is spent in Urology, Dermatology, and Neurology at the Worcester City Hospital, and another month in contagious diseases at the Belmont Hospital in Worcester, Massachusetts. Studies in residence at the State Hospital for mental disease at Waterbury, the State Sanatorium at Pittsford and the State School at Brandon are included in the fourth year.

The correlation or clinical conference periods of the fourth year are offered through service ward rounds, grand ward rounds, interdepartmental diagnostic conferences, and the clinical-pathological conferences of the hospital staff. While most of the emphasis necessarily is placed on the clinical aspects of the cases under study, no opportunity is lost for reviewing preclinical fundamentals.
DETAILS OF INSTRUCTION IN THE DEPARTMENTS OF STUDY

THE DEPARTMENT OF ANATOMY

THOMAS STEPHEN BROWN, M.D., Thayer Professor Emeritus of Anatomy
CHESTER ALBERT NEWHALL, A.B., M.D., Associate Professor of Anatomy,
Chairman of Department
HOVEY JORDAN, PH.B., M.S., M.A., Professor of Histology and Embryology
WALTER ALVA STULTZ, A.B., PH.D., Associate Professor of Anatomy
FRED WILLIAMS DUNIHUE, A.B., M.S., PH.D., Assistant Professor of Histology and Embryology

FIRST YEAR:

I. Gross Anatomy

This course begins with a brief introduction to the study of human anatomy in general, and osteology in particular. The plan of work then provides for dissection of the body from the standpoint of topographical and regional anatomy. As a general rule, structures to be dissected during a given period are assigned in the order in which they are encountered in the dissecting room and are studied and discussed in advance so that the student will be somewhat familiar with what he expects to discover in the laboratory. The appearances of anatomical structures as shown on X-ray films are demonstrated by the Division of Radiology.

Frequent review sessions are held and each student is given oral examinations on cadaver dissections as well as written examinations on the material presented.

An attempt is made to correlate the subject matter with other preclinical and clinical courses so that the student will have an opportunity to acquire a good working knowledge of gross anatomy with a minimum amount of time and effort wasted.

432 hours (22 hours per week during the first semester and 10 hours per week during the second semester for 8 weeks). Drs. Newhall and Stultz.

II. Histology, Embryology, and Neuro-anatomy

The subject matter is organized and presented in the following parts and sequence: Histology, Embryology, Neuro-anatomy. Work is carried on by means of lectures, discussions, demonstrations, and laboratory exercises, and continues throughout the first year. Among the topics considered are: technic, microscopic structure of normal human cells, tissues and organs, maturation, fertilization, cleavage, implantation, the development of body form, tissues, and organs, the development, structure and functional
organization of the nervous system. An effort is made throughout to include practical applications and correlations.

The facilities of the laboratory are available to a limited number of qualified persons for research in these subjects.

214 hours (Histology, 112 hours; Embryology, 32 hours; Neuro-anatomy, 70 hours). Professor Jordan, Dr. Dunihue.

SECOND YEAR:

I. Cross Section and Topographical Anatomy

The laboratory is equipped with several complete sets of sections of both male and female bodies, including a permanent cross section display in glass-topped containers of one complete male body and the pelvic region of a female body.

The course includes the identification of all structures found in the cross sections, as well as a study of their relationships, supplemented by surface studies on the living body as well as by the use of X-ray films, stereoscopic views and demonstration specimens of dissected regions.

32 hours (two hours per week during the first semester). Drs. Stultz and Newhall.

II. Anatomy: General Review

The aim of this course is to review the subject matter thoroughly so that each student will strengthen his grasp of the essentials necessary for applying his knowledge of anatomy, always striving to keep in mind the fact that a knowledge of structure is of little use except as it contributes to an understanding of function and the ability to restore abnormal function again to normal. Emphasis is placed upon the correlation of gross anatomy with microscopic and developmental anatomy.

16 hours (one hour per week during the second semester). Dr. Newhall.

THE DEPARTMENT OF BACTERIOLOGY AND CLINICAL PATHOLOGY

Wendell Everett James, A.B., M.S., M.D., Professor of Bacteriology and Clinical Pathology, Chairman of Department
Edwin Brown Adams, B.S., M.S., Assistant Professor of Bacteriology and Clinical Pathology
Helen Edith Heino, B.S., M.A., Instructor in Bacteriology and Clinical Pathology

SECOND YEAR:

I. Bacteriology

The course includes a survey of general bacteriology, the means and methods used in bacteriology, a close study of problems of pathogenic
bacteriology particularly as they pertain to the etiology, diagnosis, treatment, and prevention of infectious disease, and a study of the hypersensitivities in so far as they are concerned with the mechanisms of infection and immunity. Immunology is considered as integral to bacteriology and is not taught as a separate course.

Lectures and recitations, three hours per week first semester. Laboratory eight hours per week, first semester. 176 hours. Dr. James, Professor Adams and Miss Heino.

II. Clinical Pathology

This course covers the usual methods of laboratory examinations as well as the interpretation of results. It embraces microscopic and chemical studies of blood, urine, spinal fluid, exudates and transudates, feces, and gastric contents.

Recitations and lectures, one hour per week, second semester. 16 hours. Laboratory, six hours per week, second semester. 96 hours. Dr. James, Professor Adams and Miss Heino.

III. Clinical Conferences

Two hours per week throughout the second semester, in conjunction with the Department of Medicine.

THE DEPARTMENT OF MEDICINE

CLARENCE HENRY BEECHER, M.D., Professor of Medicine
ELLSWORTH LYMAN AMIDON, B.S., M.D., M.S., Associate Professor of Medicine, Chairman of Department
*PAUL KENDRICK FRENCH, PH.B., M.D., Associate Professor of Clinical Medicine
THEODORE HENRY HARWOOD, A.B., M.D., Assistant Professor of Medicine
AYMER SETH COLUMBUS HILL, M.D., Assistant Professor of Clinical Medicine
WILHELM RAAB, M.D., Assistant Professor of Clinical Medicine
EDWARD JAMES ROGERS, B.S., M.D., Assistant Professor of Clinical Medicine
THOMAS WRIGHT MOIR CAMERON, PH.D., Visiting Professor of Tropical Medicine
RICHARD BARRE DAVIS, B.S., M.D., Instructor in Medicine
JOHN FREDERIC GOWDEY, B.S., M.D., Instructor in Medicine
ROBERT DOWNING COX, A.B., M.D., Instructor in Clinical Medicine
IRWIN STANLEY ESKWITH, M.D., Captain, U. S. A., Instructor of Clinical Medicine
*FRED SCOTT KENT, M.D., Instructor in Clinical Medicine
HYMAN BERNARD LEVINE, B.S., M.D., Instructor in Clinical Medicine

* Absent on military leave.
KATHERINE ELLA McSWEENY, A.B., M.A., M.D., Instructor in Clinical Medicine
*JAMES PATRICK MAHONEY, M.D., Instructor in Clinical Medicine
DONALD AlTON MARTIN, M.D., Instructor in Clinical Medicine
HAROLD EDWARD MEDIVETSKY, B.S., M.D., Instructor in Clinical Medicine
DANIEL JOHN MORTARY, M.D., Major, Medical Corps, U. S. A., Instructor in Clinical Medicine
CHRISTOPHER MARLOWE TERREIN, M.D., Instructor in Clinical Medicine
ARTHUR DOWNING WARD, M.D., Instructor in Clinical Medicine
*WILLIAM HENRY HEININGER, M.D., Assistant in Medicine
BADONA LEAH LEVINSON, B.S., M.D., Assistant in Medicine
*JOHN HENRY McCREA., B.S., M.D., Assistant in Medicine
AARON HINMAN GROUT, PH.B., Lecturer in Medical Jurisprudence

DIVISION OF DERMATOLOGY
EUGENE FREDERICK TRAUB, B.S., M.D., Visiting Professor of Dermatology
EDWARD PERRY DISBROW, M.D., Assistant Professor of Clinical Dermatology

DIVISION OF NEUROLOGY
HIRAM EUGENE UPTON, B.S., M.D., Assistant Professor of Clinical Medicine
JESSE OGLEVEE ARNOLD, II, B.S., M.D., Assistant Professor of Clinical Neurology
FOSTER LANE VIBBER, M.D., Assistant Professor of Clinical Neurology
*CONRAD WALL, A.B., M.D., Instructor in Clinical Neurology

DIVISION OF PEDIATRICS
CHARLES KIMBALL JOHNSON, M.D., Professor Emeritus of Pediatrics
ROY EDWARD CORLEY, A.B., M.D., Associate Professor of Pediatrics
*PAUL DENNISON CLARK, M.D., Assistant Professor of Pediatrics
STUART STARES CORBIN, B.S., M.D., Assistant Professor of Pediatrics
ALFRED SMITH O'CONNOR, A.B., M.D., Assistant Professor of Clinical Pediatrics
*JEROME JOSEPH COHEN, A.B., M.D., Instructor in Clinical Pediatrics
THOMAS PATRICK CUNNINGHAM, M.D., Instructor in Clinical Pediatrics
JOHN SEELEY ESTABROOK, B.S., M.D., Instructor in Clinical Pediatrics
MERVIN FOSSNER, M.D., Instructor in Clinical Pediatrics

DIVISION OF PREVENTIVE MEDICINE AND PUBLIC HEALTH
CHARLES FRANCIS DALTON, M.D., Professor Emeritus of Public Health
CHARLES PERKINS MOAT, B.S., Assistant Professor Emeritus of Public Health

* Absent on military leave.
SECOND YEAR:

I. Physical Diagnosis

One hour a week throughout the year is given to instruction in the methods of physical examination. This is followed by a two-hour session during which time the class is divided into small sections and assigned to members of the staff for demonstrations and practice in the technics outlined didactically.

II. History Taking and Elementary Clinics

Later in the year, and as a continuation of the above work, the class is further introduced to methods and findings in physical diagnosis through attendance at elementary clinics. In these clinics selected cases are demonstrated to small sections with the intention of emphasizing points of distinction between normal and abnormal findings. Principles of history taking are made an integral part of this work. A total of 96 hours for Courses I and II. Drs. Beecher, Amidon, Harwood, and Davis.

III. Pathological Physiology Conference

A two-hour session each week during the second semester is devoted to a discussion and interpretation of the disturbed physiological and biochemical processes underlying disease. This is a correlation conference in which members of both clinical and preclinical departments take an active part. Selected cases are presented for study and discussion. 64 hours.

The Staff.

* Absent on military leave.
THIRD YEAR:

I. General Medicine

Two hours weekly throughout the year are assigned to a textbook survey of general medicine. Emphasis is placed on the more common disease conditions, full attention being given to their etiology, symptomatology, physical and laboratory findings. Collateral reading in current literature is required. 64 hours. Drs. Beecher, Amidon, Raab, and Harwood.

II. Clinical Lectures in Medicine

In addition to a textbook survey of medicine, one hour weekly is given to clinical lectures on selected problems in internal medicine at which time certain cases are presented for the demonstration of illustrative disease syndromes. The recognition and significance of such findings form the basis for the discussion. 32 hours. Dr. Beecher and Staff.

III. Therapeutics

The class spends one hour weekly throughout the year in studying clinical and didactic problems in therapeutics. The work is designed and carried out with the purpose of familiarizing the student with the practical treatment of disease. Special attention is given to the treatment of the individual as an individual rather than to regimens of therapy. 32 hours. Dr. Goodman

IV. Tropical Medicine

With the increasing participation of the United States in world-wide activities, tropical medicine assumes a new importance. Among the subjects covered in this division of medicine are malaria, the dysenteries, cholera, yellow fever, leprosy and yaws, trypanosomiasis, the leishmaniases, schistosomiasis, filariasis, dengue and allied fevers. 24 hours.

V. Medical Jurisprudence

Lectures are given on the right to practice, contractual relations between physician and patient, the law of malpractice, legal aspects of the physician's duties under public health laws, autopsies and reports thereof, medico-legal aspects of certain crimes, expert testimony, insanity, and judicial toxicological investigations. 16 hours. Judge Grout.

VI. Clinico-Pathological Conferences

These conferences, held two hours weekly throughout the year, are within the scope of the Pathological Physiology Conferences begun in the second year. In this particular phase of the work, more emphasis is placed on clinical findings. However, preclinical fundamentals are again
reviewed and special attention is given to their practical applications. 64 hours. The Staff.

VII. Physical Diagnosis (Ward Work)

Small sections are assigned to the hospital wards and the Dispensary for the afternoon periods four days each week for practical work in history taking, physical examinations, and laboratory diagnosis. Suitable subjects are selected without distinguishing between medical and surgical cases. This prevents to some extent the prejudging of the diagnosis of the case as either medical or surgical and serves to bring out the fact that many medical cases have surgical aspects and that surgical problems likewise present difficulties from a medical point of view. While the assignments are made in small sections, the individual student carries on his own work and is expected to do his clerkship in much the same manner as the fourth-year student, the only difference being that cases for the third-year men are selected and graded to the scholastic experience of third-year students. Approximately 336 hours. The Staff.

FOURTH YEAR:

I. Clinical Clerkships

The work of this year is done in small sections at the several teaching hospitals where the students serve as clinical clerks. Patients are assigned for history taking, physical examination, and the necessary laboratory work. Demonstrations, conferences, and ward rounds are made by the Staff. The sections in rotation are at the Mary Fletcher, Fanny Allen, Bishop DeGoesbriand, and Fort Ethan Allen Hospitals, and at the Dispensary. Each student spends two weeks in residence at the Vermont Sanatorium for tuberculosis in Pittsford and two at Brandon State School. The section on City Service (domiciliary medicine) is also on service at the Dispensary during the clinic hours, and is quartered in the building. Students on this service make house calls under the supervision of the City Physician. This is a general, twenty-four hour service, and is of two weeks’ duration.

The medical staff supervises the sections in the various hospitals. Supplementary work in clinical neurology is added while sections are on service at the Worcester City Hospital. The work includes ward rounds, conferences, and clinical clerkships on both inpatient and outpatient services. Approximately one third of the month in Worcester is devoted to this service. Drs. Vibber and Arnold.

Additional work in communicable diseases is given at the Belmont Hospital in Worcester. The students spend a month in residence there. Drs. Spangler and Cox.
DERMATOLOGY

THIRD YEAR:

Lectures and demonstrations are given covering etiology, diagnosis, and therapy of the more common skin diseases. Use is made of the projectoroscope and lantern slide illustrations. 12 hours. Dr. Traub.

Clinics are held at which students are assigned to patients in rotation for practice in history taking and method of procedure in examining patients. Emphasis is placed on the importance of being able to describe the manifestations of skin diseases in terms of the primary and secondary lesions of the skin. Each student demonstrates his case before the clinic where possibilities regarding diagnosis are discussed. An outline of proposed therapy completes the presentation. 30 hours. Dr. Traub.

FOURTH YEAR:

Students attend the dermatology clinics at the Mary Fletcher Hospital and are assigned in rotation to attend the dermatology clinics at the Burlington Free Dispensary, held each Wednesday afternoon. Dr. Traub.

Additional clinical work in dermatology is available at the Worcester City Hospital in both the outpatient and inpatient departments. Dr. Disbrow.

NEUROLOGY

THIRD YEAR:

1. Neurology

The course is begun with a short review of the anatomy and physiology of the nervous system. The subject is then developed into clinical neurology by means of didactic and clinical lectures. Special attention is given to methods of discovery and the interpretation of physical findings. One hour weekly throughout the year. 32 hours. Dr. Upton.

PEDIATRICS

SECOND YEAR:

1. Principles of Pediatrics

One hour a week in the second semester is given to an introduction to the principles of pediatrics. This introductory course includes a discussion of normal growth and development together with the principles of infant feeding. The purpose of this course is to give the student some introduction to the subject before he takes up ward work in pediatrics in his third year. 16 hours. Dr. Corley.

THIRD YEAR:

1. Principles of Pediatrics

This course is a continuation of the work begun in the second year. In this particular course the subject matter continues with a discussion of the
diseases of infancy and childhood. Special attention is given to the measures for control of communicable disease. 32 hours. Drs. Corley and Corbin.

II. Introduction to Clinical Pediatrics

As a part of the plan for introducing third-year students to their clinical clerkships, one month is assigned to ward work in pediatrics. Instruction is carried out both individually and as a group, the section never numbering more than four. Here the students are given an introduction to the problems of history taking in pediatrics and the development of such information to its full significance. As a part of this program, special attention is also given to methods of physical examination and the interpretation of physical findings in pediatrics. Indications for, and the use of laboratory procedures important to individual cases are given full consideration. Adequate explanation of therapeutic measures indicated is included. 48 hours. Dr. Corley.

III. Neuropsychiatry of Childhood

(This course is outlined under the Division of Psychiatry.)

FOURTH YEAR:

I. Clinical Pediatrics

Sections of four students each are assigned in rotation for a month as clinical clerks on the pediatrics services of the teaching hospitals in Burlington. Drs. Corley and Corbin.

Additional facilities for clinical pediatrics are available in the month’s service at the Worcester City Hospital. Drs. Cunningham and O’Connor.

PREVENTIVE MEDICINE AND PUBLIC HEALTH

SECOND YEAR:

I. Introduction to Public Health

Lectures, demonstrations, and field trips.

The course includes studies in venereal disease control, sanitation, ventilation, water purification, sewage disposal, meat and milk supply, administration and functions of health agencies, both public and volunteer, and their proper relation to public health. 28 hours, second semester. Drs. Foster, Aiken, and Mills, and Mr. Tracy.

II. Oral Hygiene and Dental Medicine

The course includes a review of the fundamentals of dental embryology and histology and a correlation of oral developmental anatomy with general developmental anatomy. The fundamentals of dental terminology
are reviewed to afford the medical student an opportunity to become freely conversant in dental problems discussed with the dentist and dental interne with whom he will ultimately come in contact.

Lectures making use of lantern slides, models, charts, and moving pictures follow this introduction and include the discussion of dental problems associated with prenatal care, pediatrics (including the dental problems of the adolescent), and the dental and medico-dental problems of adulthood. As a prerequisite to a better understanding of the clinical demonstration of dental cases in the senior year, the diagnosis and treatment of oral pathology and the dental care of hospital patients is covered in the course of lectures. 4 hours, second semester. Dr. Taggart.

THIRD YEAR:
I. Preventive Medicine

The course is based on a study of the principles of preventive medicine as applied both to private practice and public health. The didactic work includes demonstrations of means and methods employed in the prevention of infectious disease. 8 hours, second semester. Dr. Benson.

II. Industrial Preventive Medicine

This course, given in the second semester, will be based on the study of the principles of preventive medicine as applied to occupational hygiene. The didactic work includes demonstrations of means and methods now employed in industrial hygiene, and also includes demonstrations at some of the industrial plants of the methods discussed. The prevention of occupational diseases will take a large part of the time of this course. 8 hours. Dr. Aiken.

FOURTH YEAR:
I. Section Work

Inasmuch as the City Dispensary houses a number of health agencies, arrangements for work are such that sections on service there are in close contact with public and volunteer agencies engaged in health and welfare activities. Students on city service are necessarily dependent upon a close liaison with the Howard Relief, the Visiting Nurses Association, the Vermont Crippled Children's organization, the bureaus for maternal welfare and child hygiene, the Vermont Tuberculosis Association, the state program for the control of venereal disease, and the functions of the State Health Department. The Staff.

Students on pediatrics assignment in Burlington are assigned to oral hygiene clinics at the Burlington Dental Dispensary. The clinics are under the direction of the State's Oral Hygienist and are designed for the study of problems in oral disease both from a preventive and a therapeutic stand-
point. Since the majority of patients seen in these clinics are referred through agencies engaged in child health, the students in many instances are able to follow their patients not only through the medical services but through the dental clinic as well. Dr. Taggart.

PSYCHIATRY

SECOND YEAR:

I. Medical Psychology

This is an introductory course in Psychobiology, Mental Hygiene and Psychopathology. It includes a description of the psychobiological origins of the various personality reactions, together with the pathological mental mechanisms underlying the development of mental disorders. The lectures on mental hygiene outline the factors involved in the preservation of mental health. 32 hours. Dr. Thorne.

THIRD YEAR:

I. Principles of Psychiatry

The didactic lectures making up this course include discussions of descriptive psychology, the incidence and causes, symptomatology and classification, the diagnosis and treatment of mental diseases. Methods of examination and history taking are emphasized. Special attention is given to the subject of commitment of the insane. 20 hours. Dr. O'Neil.

Clinical lectures illustrative of problems under didactic discussion are offered in Waterbury at the State Hospital for mental disease. Approximately 12 hours. Dr. O'Neil and Staff.

II. Neuropsychiatry of Childhood

Lectures and discussions are offered on the recognition, etiology, prevention, and treatment of the various behavior and personality disturbances encountered in childhood and adolescence. Neurogenic, psychogenic, and psychosomatic factors are considered in an attempt to give the student a working concept of the totally functioning child. 10 hours. Dr. Kundert.

FOURTH YEAR:

I. Clinical Psychiatry.

Each student spends two weeks in residence at the State Hospital for mental disease and two weeks at the Brandon State School. This assignment includes ward rounds, history taking, observation and assistance in therapeutic measures used, and attendance at staff meetings and conferences.
Ward rounds and visits to the outpatient clinic in psychiatry are included in connection with the work in neurology at the Worcester City Hospital. On this particular service the student is given an introduction to certain phases of psychiatry not presented by the institutionalized patient. Drs. Vibber and Arnold.

II. Mental Hygiene Clinics

Students on the Burlington pediatrics service are assigned in small groups to observe diagnostic and therapeutic procedures carried out at the Vermont Mental Hygiene Clinic for children in Burlington. Individual assignments are included and the student is expected to take histories and under supervision make examinations of patients seen at these clinics. Later the results of these findings are presented to the section for discussion. 20 hours. Dr. Thorne.

DEPARTMENT OF MEDICAL ETHICS AND MEDICAL RELATIONSHIPS

THOMAS STEPHEN BROWN, M.D., Professor of Medical Ethics and Medical Relationships, Chairman of Department
LYMAN ALLEN, A.B., M.D., Professor Emeritus of Surgery
CLARENCE HENRY BEECHER, M.D., Professor of Medicine
ERNEST HIRAM BUTTLES, A.B., M.D., Professor of Pathology and Bacteriology
CHARLES FRANCIS DALTON, M.D., Professor Emeritus of Public Health
HERBERT ASHLEY DURFEE, A.B., M.D., Professor of Obstetrics
OLIVER NEWELL EASTMAN, M.D., Professor of Gynecology
CHESTER ALBERT NEWHALL, A.B., M.D., Associate Professor of Anatomy
JAMES CHARLES O'NEIL, B.S., M.D., Professor of Psychiatry
ARTHUR BRADLEY SOULE, JR., A.B., M.D., Professor of Radiology
EMMUS GEORGE TWITCHELL, A.B., M.D., Professor of Ophthalmology, Otolaryngology, and Rhinology

THIRD YEAR:

I. Principles of Medical Ethics and Medical Relationships

In presenting the principles of medical ethics and in discussing medical relationships, this course draws upon the historical backgrounds of medicine for the precedents of medical practice and then progresses to a discussion of the problems of modern medicine and current trends toward their solution. Full attention is paid to the problems of post graduate medicine, beginning with internship and including a discussion of the relationships in which the physician may carry on his practice. One hour a week in the first semester. 8 hours. Dr. Brown and Staff.
THE DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

Herbert Ashley Durfee, A.B., M.D., Professor of Obstetrics, Chairman of Department
Oliver Newell Eastman, M.D., Professor of Gynecology
Edward Douglas McSweeney, A.B., M.D., Assistant Professor of Gynecology
William Joseph Slavin, Jr., B.S., M.D., Assistant Professor of Clinical Obstetrics and Gynecology

SECOND YEAR:
I. Introduction to Obstetrics
The course includes a discussion of the anatomy of the female pelvis and reproductive organs. This is followed by a consideration of the course and mechanism of labor together with an introduction to the management of normal labor, normal puerperium and lactation. 32 hours. Dr. Durfee.

THIRD YEAR:
I. Principles of Obstetrics
The course begins with a discussion of the physiology of reproduction and associated endocrinology. This is followed by a study of the management of normal and abnormal pregnancies including toxemias. Further studies in abnormal labor include a consideration of operative obstetrics. Gross and microscopic pathology are presented through the cooperation of the Department of Pathology. Demonstrations are given of normal and abnormal labors on the manikin and by motion pictures. 96 hours. Drs. Durfee and Slavin.

Demonstration ward rounds, in sections. 24 hours. Dr. Slavin.

II. Principles of Gynecology
Gynecological diseases are considered systematically, with special attention given to the more common disorders. In discussing treatment, the principal emphasis is placed on fundamentals and less stress is laid on operative technic. 32 hours. Dr. McSweeney.

During the second semester eight clinical lectures are given the class in the amphitheatre at the Mary Fletcher Hospital. Each student is furnished with a copy of the patient’s record. The patient’s history, physical findings, diagnosis and treatment are discussed. Students are allowed to participate in the examinations as far as it is practicable to do so. 8 hours. Drs. Eastman and Slavin.
FOURTH YEAR:

I. Clinical Obstetrics

Students are assigned to section work for periods of one month. During term of assignment, students attend prenatal and postnatal clinics at the Burlington Free Dispensary and the Elizabeth Lund Home. Labors are attended at the Mary Fletcher Hospital, the Elizabeth Lund Home, and in the Outpatient Department. In each instance, patients are assigned to individual students who, under the supervision of a clinical instructor, act as labor clerks, taking histories, making general physical and obstetrical examination and keeping detailed records. The labor clerk observes or assists at the actual deliveries.

II. Clinical Gynecology

Students on the obstetrical assignment also serve as clinical clerks in gynecology on the gynecological service of the Mary Fletcher Hospital and at the gynecological clinic at the Burlington Free Dispensary. The plan is very much like that of other clinical clerkships in the fourth or senior year in that they are expected to work up their cases and follow them closely throughout the time spent under treatment or in the hospital. The plan for instruction further includes service ward rounds, assistance at operations in the hospital and assistance at diagnostic procedures in the hospital and at the clinic. Ample time and opportunity are allowed for close personal instruction in all instances. Drs. Eastman, Durfee, McSweeney and Slavin.

THE DEPARTMENT OF OPHTHALMOLOGY, OTOLARYNGOLOGY AND RHINOLOGY

Emmus George Twitchell, A.B., M.D., C.M., Professor of Ophthalmology, Otolaryngology, and Rhinology, Chairman of Department
Karl Cornelius McMahon, B.S., M.D., Assistant Professor of Ophthalmology and Clinical Instructor in Otolaryngology and Rhinology
Arthur Leo Larner, M.D., Assistant Professor of Otolaryngology and Rhinology and Clinical Instructor in Ophthalmology
Peter Paul Lawlor, M.D., Assistant Professor of Otolaryngology and Rhinology and Clinical Instructor in Ophthalmology
Marshall Coleman Twitchell, Jr., A.B., M.D., Instructor in Ophthalmology

THIRD YEAR:

The course includes discussion of the diseases of the lids, conjunctiva, orbit, lacrimal apparatus, cornea, uveal tract and fundus.
Lectures and practical demonstrations of the use of the ophthalmoscope, headmirror, and other instruments used in the examination of ear, nose, and throat, and methods used in estimating the refraction, are given at the Mary Fletcher Hospital to half the class at a time. In this work the students are drilled in the various tests of routine examinations, every effort being made to demonstrate methods which, though simple, are adequate and call for the minimum outlay for equipment. Lectures and recitations on the common diseases of the nose, throat, and ear are included.

Lectures and recitations. 32 hours. Dr. E. G. Twitchell.

FOURTH YEAR:

Clinical instruction is given Tuesday and Friday afternoons of each week from two to four o’clock at the Mary Fletcher Hospital outpatient clinic. Inpatient cases are also used for teaching. Treatments and methods of treatment are shown and explained. Dr. E. G. Twitchell, and Dr. McMahon, Dr. Larner, or Dr. M. C. Twitchell, Jr.

Clinical instruction is also given Monday and Wednesday afternoons of each week from three to five-thirty o’clock at the Bishop DeGoesbriand Hospital outpatient clinics. Dr. Lawlor.

Sections assigned to the Fanny Allen and Fort Ethan Allen Hospitals participate in clinical work in this specialty.

Clinical instruction at the Burlington Free Dispensary is scheduled for Thursday afternoon of each week. Drs. McMahon, Larner and Lawlor.

Each student of the fourth year will be required to hand in a certain number of case reports and two theses, one on a subject concerned with Ophthalmology and one with Otolaryngology. The subject is to be chosen by the student with the approval of the teaching staff of this Department.

THE DEPARTMENT OF PATHOLOGY

Ernest Hiram Buttries, A.B., M.D., Professor of Pathology, Chairman of Department
Paul William Butterfield, A.B., M.D., Assistant Professor of Pathology
Milford Leroy Hobbs, M.D., Assistant Professor of Pathology

BURNETT SHELDON RAWSON, M.D., Fellow in Pathology

SECOND YEAR:

I. Pathology

This course covers general pathology and special pathology of the circulatory and urinary systems and of the blood. Students are furnished with

* Military leave.
a loan collection of slides illustrative of common lesions, and these slides are supplemented by a large number of slides from autopsies or operations, for study and diagnosis. One of the chief aims of the course is to correlate the work of the preclinical and clinical years and for this purpose, during the latter part of the course, many case histories are used in conjunction with slides and gross tissues from the same cases.

During the second semester, one hour weekly is assigned to a conference conducted jointly by the Departments of Pathology, Physiology, and Medicine. At these conferences selected case histories are discussed and an attempt made to explain the symptoms on a basis of changes in anatomy, physiology, and chemistry.

During the year, students are required to attend several autopsies, as a class or in small groups. They take notes of findings and in assigned cases examine and report upon the gross tissues and microscopic sections. Cases are discussed in class or with the group attending the autopsy.

Recitations, lectures and conferences, two hours per week. 64 hours.

Laboratory, five hours per week, first semester, and six hours per week during second semester. 176 hours. Drs. Buttles, Butterfield, and Hobbs.

THIRD YEAR:

I. Pathology

This is a continuation of the course of the second year and covers special pathology. Students are supplied with a loan collection of typical slides and study many slides from operations or autopsies. Special emphasis is placed upon gross pathology as illustrated by museum preparations and material from autopsies and operating room.

Recitations, lectures and laboratory, four hours per week the first semester. 64 hours. Dr. Butterfield.

II. Clinical Conferences

Two hours per week throughout second semester, in conjunction with the Department of Medicine.

THE DEPARTMENT OF PHARMACOLOGY AND PHYSIOLOGY

Fred Kinney Jackson, A.B., M.D., Professor Emeritus of Physiology
David Marvin, M.D., Professor Emeritus of Pharmacology
Louis Sanford Goodman, A.B., M.A., M.D., Professor of Pharmacology and Physiology, Chairman of Department
Ferdinand Jacob Morris Sichel, B.Sc., Sc.M., Ph.D., Assistant Professor of Physiology
The course in Physiology covers a full academic year. The first half of the course is given in the second semester of the first year and the second half of the course in the first semester of the second year.

The course material is presented as a logical development of fundamental physiological concepts based on experimental evidence with a view to their ultimate clinical applications. The lectures are designed primarily to supplement the textbooks, particularly in respect to recent developments.

The laboratory has been redesigned and equipped for experimental work illustrating and developing those physiological principles fundamental to clinical medicine.

**First Year:**

The material covered in the first year includes the physiology, with its physical and physico-chemical basis, of excitation, conduction, and contraction; blood, heart and circulation; respiration; the central nervous system; and the special senses.

Lectures and conferences, 64 hours, laboratory, 96 hours, second semester. Drs. Goodman, Sichel and Toman.

**Second Year:**

The material covered in the second year includes the physiology of secretion, digestion, excretion, energy metabolism, internal secretion (endocrinology) and reproduction.

Lectures and conferences, 48 hours, laboratory, 48 hours, first semester. Drs. Goodman, Sichel and Toman.

**Pharmacology**

The course in Pharmacology is given in the second semester of the second year.

The major purport of the instruction in Pharmacology is to prepare the student for the clinical study of therapeutics by providing him with knowledge of the manner in which drugs modify functional activity in the organism. After a brief survey of the chemical properties of drugs, incompatibilities, toxicological analysis, antidotes, and standardization by bioassay, the chief work of the course will be concerned with experimental pharmacodynamics. Lectures and conferences on pharmacological and toxi-
cological properties of drugs will be closely correlated with laboratory work. Available preparation forms and posology of drugs will be studied as the various types of medicinal agents are considered. Prescription writing exercises will be given and various types of official preparations compounded in the laboratory.

Lectures, conferences and laboratory. 152 hours, second semester. Drs. Goodman and Leonard.

Facilities for research are available to properly qualified students to pursue investigations either independently or in cooperation with the members of the staff.

A bi-weekly seminar for the discussion of recent experimental work and viewpoints in the various medical sciences is sponsored by the Department in conjunction with other departments.

THE DEPARTMENT OF PHYSIOLOGICAL CHEMISTRY

CHARLES FLAGG WHITNEY, b.s., m.s., m.d., Professor Emeritus of Physiological Chemistry and Toxicology

HAROLD BARNARD PIERCE, b.s., m.s., ph.d., Professor of Physiological Chemistry, Chairman of Department

PAUL FREDRIC FENTON, b.s., m.s., Instructor in Physiological Chemistry

FRANK ALPHONSE SLESINSKI, b.s., m.s., Instructor in Physiological Chemistry

ELLEN FRANCES BIRCHALL, a.b., Fellow in Physiological Chemistry

FIRST YEAR:

I. Physiological Chemistry

The course is designed to afford the students an insight into chemical transformations which take place in the living animal body, with special reference to man. The work is largely quantitative and deals with carbohydrates, fats, proteins, enzymes, digestion, absorption, blood and urine. The chemistry of the vitamins and hormones is discussed briefly to prepare for the more extended study in the course on nutrition and endocrinology.

Lectures, recitations and laboratory. 176 hours. Dr. Pierce, Messrs. Fenton and Slesinski, Miss Birchall.

II. Nutrition and Endocrinology

The course is designed to give an understanding of the nature and action of the vitamins and hormones, and a knowledge of their clinical applications. The remainder of the course is devoted to the study of foods, diets, diet planning and other nutritional problems.

Lectures and recitations. 24 hours, last eight weeks, second semester. Dr. Pierce and Messrs Fenton and Slesinski.
THE DEPARTMENT OF SURGERY

LYMAN ALLEN, A.B., M.D., Professor Emeritus of Surgery
GEORGE MILLAR SABIN, B.S., M.D., Professor Emeritus of Clinical Surgery
ALBERT GEORGE MACKAY, B.S., M.D., Professor of Surgery, Chairman of Department
BIRD JOSEPH ARTHUR BOMBARD, M.D., Associate Professor of Clinical Surgery
BENJAMIN DYER ADAMS, M.D., Assistant Professor of Surgery
*WALFORD TUPPER REES, M.D., Assistant Professor of Surgery
KEITH FRANK TRUAX, B.S., M.D., Assistant Professor of Surgery
ARTHUR GLADSTONE, B.S., M.D., Assistant Professor of Clinical Surgery
ARTHUR RUSH HOGAN, A.B., M.D., Assistant Professor of Clinical Surgery
FRANK EDWARD LEWIS, A.B., M.D., Lt. Colonel, Medical Corps, U. S. A., Assistant Professor of Clinical Surgery
*JOHN ABAJIAN, JR., M.D., Assistant Professor of Anesthesia
ADOLPHUS DUNCAN ROOD, M.D., Visiting Professor of Bronchoscopy
RICHARD HOLLIS OVERHOLT, A.B., M.D., Consultant in Thoracic Surgery
*LOUIS GEORGE THABault, M.D., Instructor in Surgery
*ALBERT JAMES CRANDALL, B.S., M.D., Instructor in Clinical Surgery
JOHN FREDERICK LYNCH, B.S., M.D., Instructor in Clinical Surgery
*GEORFFREY PAUL WIEDEMAN, B.S., M.D., Fellow in Surgery
HARRY JOSEPH ANTONIEWICZ, B.S., M.D., Assistant in Surgery
*CLARENCE EDWARD BOMBARD, B.S., M.D., Assistant in Surgery

DIVISION OF ORTHOPEDIC SURGERY

*MAURICE NORBERT BELEROSE, B.S., M.D., Associate Professor of Orthopedic Surgery
DAVID MARSH BOSWORTH, A.B., M.D., Visiting Professor of Orthopedic Surgery
ROBERT LELAND MAYNARD, M.D., Assistant Professor of Orthopedic Surgery

DIVISION OF RADIOLOGY AND PHYSICAL THERAPY

*ARTHUR BRADLEY SOULE, JR., A.B., M.D., Professor of Radiology
JOHN HAMILTON WOODRUFF, JR., B.S., M.D., Assistant Professor of Radiology
NATHAN RENWICK CALDWELL, M.D., Instructor in Clinical Radiology

DIVISION OF UROLOGY

WILLIAM GRAVES TOWNSEND, B.S., M.D., Professor of Urology
*WINTHROP MAILLOT FLAGG, M.D., Assistant Professor of Urology
LESTER MAHAN FELTON, B.S., M.D., Assistant Professor of Clinical Urology

*Absent on military leave.
THIRD YEAR:
The didactic and clinical course is held at the Mary Fletcher Hospital where Dr. David Bosworth meets the class every other Saturday. To the clinics are brought referred cases from physicians and the hospital, Dr. Bosworth.

FOURTH YEAR:
The surgical section on Wednesday morning is clinical and is primarily used to demonstrate orthopedic cases in the surgical wards at the Mary Fletcher Hospital. Dr. Maynard.

RADIOLOGY AND PHYSICAL THERAPY

FIRST YEAR:
I. Introduction to Radiology
Lectures and demonstrations in conjunction with Departments of Physiology and Anatomy. Physics and general principles of radiology; normal roentgen anatomy and physiology; fluoroscopic demonstrations of chest. 8 hours.

SECOND YEAR:
I. Radiology
Continuation of fluoroscopic and roentgenographic demonstrations in conjunction with Departments of Physiology and Anatomy. Effects of radiation on normal and abnormal tissues; radiosensitivity; radiotherapy. Lectures given by arrangement with the Department of Pathology. 2 hours.

THIRD YEAR:
I. Radiology
Diagnostic and therapeutic radiology; lectures and demonstrations one hour weekly through the year, covering the diagnosis of abnormalities of the skeletal system, alimentary tract, urinary tract, central nervous system; considerations of the use of x-ray and radium in the treatment of neoplasms, endocrine disturbances, and inflammatory lesions. 32 hours.

II. Radiology Section Work
One section of four to six students spends two afternoons a week for four weeks in the radiology department of the Mary Fletcher Hospital. Students thus have an opportunity to observe the use of radiologic procedures in medical practice.
III. Physical Therapy

Lectures on the physics and general principles of physical therapy, including dry and moist heat, massage and manipulation, ultra-violet and infra-red rays. Indications and contra-indications and methods of applications of each. 8 hours.

FOURTH YEAR:

I. Radiology Conferences

Weekly conferences on general radiological problems, and current literature. Members of other clinical departments are present at most of these sessions. Each student is required to prepare a paper on some phase of radiology for presentation before the group at some time during the year. 48 hours.

II. Physical Therapy Clinics

Three days a week at the Burlington Free Dispensary. Section demonstrations and discussions of physical therapy at hospitals, dispensary and other institutions.

UROLOGY

THIRD YEAR:

One hour weekly during the second semester is given to a discussion of the diseases of the genito-urinary system. 16 hours. Dr. Townsend.

FOURTH YEAR:

I. Urology and Venereal Diseases

Sections of four students each spend a month in Worcester, Massachusetts, where each day is given to clinical clerkships in the Department of Urology at the Worcester City Hospital. The work is divided equally between inpatient and outpatient services. The outpatient service includes attendance at the City Clinic for Venereal Diseases. Dr. Felton.

Work in Burlington includes one morning clinic weekly in urology at the Mary Fletcher Hospital, and two afternoon clinics weekly in venereal diseases. Dr. Townsend.
MEDICO-MILITARY SCIENCE

MEDICAL UNIT—RESERVE OFFICERS TRAINING CORPS

CHARLES EUGENE FOGG, M.D., LT. COL., U.S.A., Professor of Medico-Military Science; Commandant, Medical Unit.

Under the current Army Specialized Training Program, Specialized Training Units are established at each institution with which the War Department executes a contract for such activity.

A Medical Training Unit has been established at the College of Medicine which includes all undergraduate students who have been accepted in the Enlisted Reserve Corps, Army of the United States. The personnel of the Medical Training Unit is placed on a status of active military duty, the Unit being organized as a Company with trainees acting as cadet officers and non-commissioned officers. The administration and training of the Unit is in accordance with the provisions of Army Regulations under the supervision of Army personnel.

In addition to the prescribed technical medical courses of the College curriculum, trainees pursue an augmented course in Military Medicine and instruction in military drill. The object of the training program is to prepare trainees for service as Medical Officers in the armed forces.

Each of the four years of instruction comprises sixty-four hours of technical medical subjects of the regular curriculum and thirty-two hours of Military Medicine, instruction and drill. The principal military subjects include Military Fundamentals, the organization of the Army and Medical Department and their medical services, the tactical employment of Medical Department units with the ground force and air force units, Military Sanitation, Military Preventive Medicine, Aviation Medicine, the Military Aspects of Chemical Warfare and the Diseases and Injuries Peculiar to War.

A Classification Board, jointly representing the University and the War Department is established to determine the status of trainees at the end of each term of instruction. The Classification Board formulates recommendations to the War Department for the disposition of trainees based upon their prospective availability for specialized service.
SUMMARY OF STUDIES—1943
CLASSESRoom AND LABORATORY HOURS

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In addition to classroom and laboratory hours in the third year, twelve hours per week are devoted to ward work in physical diagnosis. On a thirty-two weeks' basis this amounts to 384 hours, making a total of 1,214 assigned hours for the third, or junior year.

The senior, or fourth year schedule calls for full time in clinical work. Obviously it is impossible to set a rigid hour limit on work done in this year. In round numbers, however, the time scheduled is forty hours per week for thirty-two weeks, a total of 1,280 hours. Of these eight months, three are spent on medicine and the medical specialties including pediatrics and psychiatry, three are spent on surgery and the surgical specialties, and two are spent on obstetrics including assignments in gynecology.
GRADUATES—DOCTORS OF MEDICINE
MARCH 1943

Paul John Audette, B.s.
Maurice Flavian Beauchamp, B.s.
Leonard Joseph Bisaccia, B.s.
Boyd Keough Black, B.s.
Clarence Halsall Brown, B.s.
Ralph Leslie Cudlipp, Jr., B.s.
Lloyd George Davies, B.s.
Stilman George Davis, Jr., B.s.
Harland Martin Deos, A.B.
Max Dubin, B.s., A.M.
James Curtis Giddings, B.s.
Walter Martin Glass, B.s.
John Alexander Hunter, Jr., B.s.
Paul Calvin Jenks, B.s.
Robert Ellis Johnstone, B.s.
Norman Kemler, B.s.
Murray Newman Levin, B.s.
John Thompson Prior, B.s.
Harry Morrison Rowe, B.s.
Frank Alvin Rudolph, B.ED.
Edward Joseph Sennett, PH.B.
Paul McLachlin Stoddard, B.s.
John Ernest Thayer, B.s.
George Arthur Tulin, B.s.
Robert Lewis Whitney
Frank Edward Woodruff, A.B.

DOCTORS OF MEDICINE—CUM LAUDE

Richard Berry Hadley, A.B.
Harry Owen Whipple, A.B.
Seymour Saul Cutler, B.s.
Allan Yale Wolinsky, B.s.
James Graham Woodruff, A.B.

Burlington
Rutland
New Hartford, Conn.
Washington, Pa.
Rutland
Burlington
Bath, Me.
Nashua, N. H.
Lyndonville
Brighton, Mass.
New Haven, Conn.
Burlington
Dover, N. H.
Burlington
Burlington
Burlington
St. Albans
Burlington
Great Falls, Mont.
Poultney
Groton
Burlington
Hartford, Conn.
Essex Junction
Barre

Bellows Falls
Montpelier
Brooklyn, N. Y.
W. Rutland
Barre
PRIZES

CARBEE PRIZE
For greatest proficiency in the subject of Obstetrics
Edward Joseph Sennett, Ph.B.
John Ernest Thayer, B.S.
Harry Owen Whipple, A.B.

WOODBURY PRIZES IN MEDICINE
For greatest proficiency in Clinical Work in senior year
Richard Berry Hadley, A.B.

To the sophomore having the highest standing for two years
Donald Holden Harwood, B.S.

NU SIGMA NU MERIT AWARDS
To the outstanding student in the junior class
Alan Davidson, A.B.

To the outstanding student in the freshman class
Sanford Savin, B.S.

\* \* \*
Internship Appointments

Graduates, Academic Year—1942-43

Paul John Audette
Maurice Flavian Beauchamp
Leonard Joseph Bisaccia
Boyd Keough Black
Clarence Halsall Brown
Ralph Leslie Cudlipp, Jr.
Seymour Saul Cutler
Lloyd George Davies
Stilman George Davis, Jr.
Harland Martin Deos
Max Dubin
James Curtis Giddings
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Frank Alvin Rudolph
Edward Joseph Sennett
Paul McLachlin Stoddard
John Ernest Thayer
George Arthur Tulin
Harry Owen Whipple
Robert Lewis Whitney
Allan Yale Wolinsky
Frank Edward Woodruff

Waterbury Hospital, Waterbury, Conn.
Waterbury Hospital, Waterbury, Conn.
St. Francis Hospital, Hartford, Conn.
U. S. Naval Hospital, Chelsea, Mass.
Boston City Hospital, Boston, Mass.
Mary Fletcher Hospital, Burlington, Vt.
Jewish Hospital, Brooklyn, N. Y.
Eastern Maine General Hospital, Bangor, Me.
Salem Hospital, Salem, Mass.
Mary Fletcher Hospital, Burlington, Vt.
Beth Israel Hospital, Boston, Mass.
Meriden Hospital, Meriden, Conn.
U. S. Naval Hospital, Brooklyn, N. Y.
United Hospital, Port Chester, N. Y.
Worcester City Hospital, Worcester, Mass.
Lenox Hill Hospital, New York, N. Y.
Mary Fletcher Hospital, Burlington, Vt.
New Rochelle Hospital, New Rochelle, N. Y.
New Rochelle Hospital, New Rochelle, N. Y.
Morrisania City Hospital, New York, N. Y.
Mary Fletcher Hospital, Burlington, Vt.
Swedish Hospital, Minneapolis, Minn.
St. Francis Hospital, Hartford, Conn.
St. Francis Hospital, Hartford, Conn.
Fordham Hospital, Bronx, N. Y.
Metropolitan Hospital, New York, N. Y.
Germantown Hospital, Germantown, Pa.
Meadowbrook Hospital, Hempstead, N. Y.
Worcester City Hospital, Worcester, Mass.
Worcester City Hospital, Worcester, Mass.
FOURTH YEAR:

Class graduating in December, 1943

Richard Walker Amidon, B.S.
Bernard Barney, B.S.
Arnold Herman Becker, B.S.
Mary Catherine Bodette, B.S.
Rosemary Cady Brewster, B.S.
Jose Nemecio Cabanozo, B.S.
Francis Arnold Caccavo, A.B.
Lawrence John Cleveland, A.B.
John Patrick Corley, A.B.
Alan Davidson, A.B.
Everett Lee Davis, B.S.
David Dana DePue, B.S.
Elizabeth Doton, B.S.
Stanley Franklin Dwinell, B.S.
Donald Maxwell Powell, B.S.
Alva Hugo Fregosi, A.B.
Robert Ignatius Gleason, B.S.
Frederic Joseph Guilmette, B.S.
Carleton Raymond Haines, B.S.
Howard Hinman Jacobs, B.S.
Lawrence Albert Janoff, B.S.
William Herbert Johnston, B.S.
Francis Alan Kennedy, B.S.
Louis Fabien Pine, B.S.
William Arthur Pratt, B.S.
Ivan Booth Ross, B.S.
Henry Jerome Rulfo, B.S.
Harold John Rush, B.S.
James Edwin Simpson, B.S.
Clark William Stevens, B.S.
Arthur Dave Wolk, B.S.

Barnet
Bennington
Burlington
Vergennes
Underhill
Barre
Northfield
Northfield
Burlington
St. Albans
Craftsbury Common
Canton, N. Y.
Woodstock
Bradford
Burlington
Proctor
Burlington
Rochester
Barre
Enosburg Falls
New York, N. Y.
St. Johnsbury
St. Albans
Burlington
Rutland
St. Albans
Barre
Newport
St. Albans
N. Stratford, N. H.
Rutland

144 DeForest Rd.
90 Prospect Hill
234 N. Willard St.
268 Colchester Ave.
523 North St.
37 Colonial Sq.
101 Brooks Ave.
80 Colchester Ave.
161 S. Prospect St.
130 Robinson Pkwy.
Nu Sigma Nu House
128 Colchester Ave.
268 Colchester Ave.
Nu Sigma Nu House
492 S. Union St.
Nu Sigma Nu House
37 Colonial Square
Mary Fletcher Hospital
523 North St.
21 N. Williams St.
Nu Sigma Nu House
Nu Sigma Nu House
483 North St.
62 S. Willard St.
43 N. Willard St.
43 N. Willard St.
43 N. Willard St.
62 S. Willard St.
128 Colchester Ave.
43 N. Willard St.

THIRD YEAR:

Class graduating in September, 1944

Lawrence Martin Agan, B.S.
Robert William Agan, B.S.
Lloyd Gibson Bartholomew, A.B.
Lawrence Arthur Beauchamp, B.S.
Robert Paul Beaudette, B.S.
John Ernest Belock, A.B.
George Wilson Brooks, B.S.

Bennington
Bennington
Whitehall, N. Y.
Rutland
Montpelier
Rutland
Warren

155 Loomis St.
155 Loomis St.
141 Mansfield Ave.
Nu Sigma Nu House
51 N. Union St.
Nu Sigma Nu House
447 North St.
John Loring Costello, B.s.
Wilton Warner Covey, A.B.
Joseph Charles Creed, B.s.
Harriet Pearson Dustan, B.s.
Mary Lorraine Gannon, B.s.
Robert Seamon Goldberg, B.s.
Gerald Leon Haines, B.s.
Donald Holden Harwood, b.s.
Ethan Victor Howard, Jr., B.s.
Edward Allen Keenan, Jr., B.s.
Thomas Aloysius Keenan, B.s.
P.0.2. Paul Kingston Larner, B.s.
Richard George Lynch, B.s.
John Frederick Moore, B.s.
Harold Moskovitz, PH.B.
William Wolf Musicant, B.s.
Henri Louis Pache, B.s.
Christopher George Palans, B.s.
Stanley John Pekala, B.s.
John Madison Perry, B.s.
James David Sawyer, B.s.
Roger Frederick Smith, B.s.
Alfred Jerome Swyer, A.B.
Robert Donald Wakefield, B.s.
John Joseph Zellinger, B.s.

Wellesley Farms, Mass.
32 Wilson St.
128 Colchester Ave.
141 Mansfield Ave.
128 Colchester Ave.
128 Colchester Ave.
337 College St.
218 King St.

Rutland
Brattleboro
Rutland
Craftsbury Common
Fairfield
Burlington
Barre
Dorset
Burlington
Burlington
Rutland
Burlington
Fair Haven
Burlington
Burlington
Great Barrington, Mass.
Burlington
Amherst, Mass.
Plainfield
St. Albans
Waitsfield
Rutland
Burlington
St. Albans

SECOND YEAR:

Class graduating in June, 1945

Leigh Gates Abbott, B.s.
Clifford Elliott Backup, A.B.
Gerhard Theodor Beck, B.s.
George Arthur Bonner, B.s.
Nicholas Gerald Bottiglieri, B.s.
Robert Nolan Cain, B.s.
Martin John Cannon, B.s.
Julius George Cohen, B.s.
John Dominic Dimichle, B.s.
Ernest Albert Dunbar, Jr., B.s.
James Warren Dykens, B.s.
Winston Milo Eddy, B.s.
Samuel Joseph Foji, B.s.
Terence Frederick Gage, B.s.
Charles William Jones, A.B.
Victor Leonides Karren, b.s.
Harry James Kelly, A.B.
Herman Alexander LeBow, B.s.
Samuel Levine, B.s.
Joseph Nicholas Lioni, B.s.
Joanna Jeanne Metcalfe, B.s.

Wellesley Farms, Mass.
Jericho
Rutland
Proctor
Burlington
Burlington
Rutland
Rutland
Poultney
Barre, Mass.
Burlington
Rutland
Vergennes
Haverhill, Mass.
Yonkers, N. Y.
Northampton, Mass.
Burlington
W. Rutland
Proctor
Waterbury

Jericho
22 Wilson St.
28 S. Williams St.
40 Booth St.
61 Mansfield Ave.
12 Brooks Ave.
27 Loomis St.
20 Brooks Ave.
12 Brooks Ave.
43 N. Willard St.
231 Maple St.
71 S. Williams St.
22 Wilson St.
234 Loomis St.
155 Loomis St.
27 N. Willard St.
41 Intervale Ave.
477 North St.
Nu Sigma Nu House

Rutland
Brattleboro
Rutland
Craftsbury Common
Fairfield
Burlington
Barre
Dorset
Burlington
Burlington
Rutland
Burlington
Fair Haven
Burlington
Burlington
Great Barrington, Mass.
Burlington
Amherst, Mass.
Plainfield
St. Albans
Waitsfield
Rutland
Burlington
St. Albans

SECOND YEAR:

Class graduating in June, 1945

Leigh Gates Abbott, B.s.
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Robert Nolan Cain, B.s.
Martin John Cannon, B.s.
Julius George Cohen, B.s.
John Dominic Dimichle, B.s.
Ernest Albert Dunbar, Jr., B.s.
James Warren Dykens, B.s.
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Samuel Levine, B.s.
Joseph Nicholas Lioni, B.s.
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Wellesley Farms, Mass.
Jericho
Rutland
Proctor
Burlington
Burlington
Rutland
Rutland
Poultney
Barre, Mass.
Burlington
Rutland
Vergennes
Haverhill, Mass.
Yonkers, N. Y.
Northampton, Mass.
Burlington
W. Rutland
Proctor
Waterbury
COLLEGE OF MEDICINE

Robert Emmett O’Brien, B.S.
Harold Gordon Page, B.S.
Clifford Atherton Pease, B.S.
John Christie Robinson
David George Rousseau, B.S.
Joseph Nicholas Russo, B.S.
Sanford Savin, B.S.
William Bernard Shea, Jr., B.S.
William Hempstead Sisson, B.S.
James Albert Sudbay, Jr., B.S.
Robert James Vernlund
Eva Brynhild Wallen, A.B.
Dean Herbert Wheeler
Wayne Phillip Whitcomb, A.B.
Gerald Philip Wiedman, B.S.

FIRST YEAR:
Class graduating in March, 1946

Donald Thomas Akey
Phillip Henry Backup
Frederick Charles Barrett, B.S.
Elvio Dante Bogni, B.S., M.E., M.ED.
John Frederick Busworth, B.S.
Edward Robert Bove, B.S.
Saul Boyarsky
William Joseph Clark, Jr., B.S.
Rodolfo Lester Coletti
George Herbert Dickinson, Jr., B.S.
Edna Frances Dole, B.S.
Wilfred Theodore Reed Elliott, B.Ed.
Lester Frank
John Riss Fuller
Marjorie Cloma Gates
Russel Francis Gervais, B.S.
Richard Carman Hay
Lloyd Norman Hazen
Stedman George Huard
Charles Iitzkowitz, B.S., M.S.
Patrick Anthony Izzo
Thomas Joseph Keighley
Stanley Marshal Kemler
Albert Clark Kinney, Jr., A.B.
Howard Hodgson MacDougall, B.S.
John Francis McGarry, A.B.
James Bishop McGill
John Joseph McGrath, B.S., M.ED.
Harmon Jack Machanic
Gilbert Manheim
Thomas Patrick Mullaney, Jr.

Winooski
Groton
Burlington
Blandford, Mass.
Grand Isle
Hartford, Conn.
Bridgeport, Conn.
Bennington
Burlington
Gloucester, Mass.
W. Hartford, Conn.
Montpelier
Montpelier
Burlington
Danby

Burlington
Jericho
Milton
Barre
Bristol
Rutland
Burlington
Scarsdale, N. Y.
Barre
Meriden, Conn.
St. Johnsbury
St. Johnsbury
Burlington
Burlington
Franklin
Winooski
Burlington
Richmond
Winooski
New London, Conn.
Quechee
Burlington
Medford, Mass.
Hardwick
Hampton, N. J.
Proctor
St. Johnsbury
Adams, Mass.
Burlington
Rutland
Winooski

30 W. Allen St.
590 Main St.
301 College St.
370 Maple St.
25 Brooks Ave.
1 Juniper Ter.
236 S. Prospect St.
67 Brooks Ave.
78 Pine St.
128 Colchester Ave.
102 Summit St.
31 S. Willard St.
20 Booth St.
41½ School St.
68 N. Willard St.
358 North Ave.
64 Henry St.
130 Robinson Pkwy.
Shelburne Rd.
291 Colchester Ave.
81 Spring St.
27 Adsit Crt.
291 Colchester Ave.
128 Colchester Ave
138 Colchester Ave.
146 Loomis St.
190 Loomis St.
59 Mansfield Ave.
260 Main St.
115 Loomis St.
16 Prospect Hill
236 S. Prospect St.
44 Brooks Ave.
115 Walnut St.
16 Prospect Hill
155 Loomis St.
44 Brooks Ave.
28 S. Williams St.
33 Hyde St.
396 S. Winooski Ave.
128 Colchester Ave.
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>State</th>
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<tbody>
<tr>
<td>John Edwin Nichols</td>
<td>Bennington</td>
<td>Vt.</td>
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<td>Gerald Francis Parkhurst</td>
<td>Harrison</td>
<td>N.Y.</td>
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<tr>
<td>Jay Roger Plimpton, A.B.</td>
<td>Goffstown</td>
<td>N.H.</td>
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<td>Thomas Rider Plowright, B.S.</td>
<td>Springfield</td>
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<td>Shirley Geraldine Price</td>
<td>Berlin</td>
<td>N.H.</td>
</tr>
<tr>
<td>Louis Michael Rozek, B.S.</td>
<td>Portland</td>
<td>Ore.</td>
</tr>
<tr>
<td>Robert Alden Struthers, A.B.</td>
<td>Burlington</td>
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<tr>
<td>LeGrand Hendry Thomas</td>
<td>Scotia</td>
<td>N.Y.</td>
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<tr>
<td>Frederick Henry Tredet, B.S.</td>
<td>35 Wilson St.</td>
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<td>Mary Fletcher Hosp.</td>
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<td>133 Loomis St.</td>
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<td>268 Colchester Ave.</td>
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<td>519 North St.</td>
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<td></td>
<td>68 S. Union St.</td>
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<td></td>
<td>519 North St.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>27 Adsit Ct.</td>
<td></td>
</tr>
</tbody>
</table>
VERMONT DEPARTMENT OF PUBLIC HEALTH

State Board of Health: Charles G. Abell, M.D., Enosburg Falls, Chairman; Claude M. Campbell, M.D., Manchester Center; Clarence H. Burr, M.D., Montpelier; Charles F. Dalton, M.D., Secretary and Executive Officer, Burlington; C. F. Whitney, M.D., Director of Laboratory; F. S. Kent,* M.D., Director Communicable Disease Division; E. L. Tracy, Director Sanitary Engineering Division; C. P. Moat, B.S., Sanitary Chemist; H. W. Slocum, A.B., Director Tuberculosis Division; Lillian E. Kron, R.N., Crippled Children's Division; Nellie M. Jones, R.N., Public Health Nursing; P. D. Clark,* M.D., Maternal and Child Health; Viola Russell, M.D., Acting Director, Maternal and Child Health; R. B. Aiken, M.D., Industrial Hygiene, Acting Director, Communicable Disease Division.

The State Board of Health is responsible for the public health work of the State, including the control of communicable diseases, supervision of food and milk supplies, supervision of public water supplies, and sewage disposal, sanitation of schoolhouses and public buildings, inspection and licensing of hotels, restaurants, tourist houses, and bakeries, abatement of nuisances, educational work against tuberculosis, control of venereal diseases, physical rehabilitation of crippled children, and registration of vital statistics.

It maintains a laboratory of hygiene at Burlington in the same building where its own work is done, and employs a sanitary engineer and several inspectors.

The State Board of Health is intimately connected with the College of Medicine of the University, the Secretary, Doctor Dalton, being Professor Emeritus of Public Health, while the Director of the Laboratory of Hygiene, Doctor Whitney, is Professor Emeritus of Toxicology and Physiological Chemistry, C. P. Moat, Sanitary Chemist of the Board, is Assistant Professor Emeritus of Public Health in the College, and Doctor Clark, Director of the Maternal and Child Health Division, is Assistant Professor of Pediatrics. In connection with the Division of Maternal and Child Health, and in cooperation with local committees it maintains thirteen nursing units which include sixty-eight towns of the state.

* On leave of absence for military duty.
MEDICAL FRATERNITIES AND SOCIETIES

Beta Pi, Delta Mu, Chapter of Nu Sigma Nu
(Founded 1880)
49 N. Prospect St.

Alpha Gamma Sigma
(For Women, Founded at University of Vermont, 1924)

Alpha Chapter of Phi Chi
(Founded at University of Vermont, 1889)
128 Colchester Ave.

THE OSLER CLINICAL SOCIETY

The Osler Clinical Society, which was organized in 1929, is composed of all undergraduate students in the College of Medicine. In addition to acting as a student governing body, the society sponsors a series of lectures given by outstanding men in the field of medicine. It is supported by a student fee. The organization is governed by a board of executive officers elected annually by the members. The president for 1943 is William A. Pratt, '43.

OFFICERS OF THE U. V. M. MEDICAL ALUMNI ASSOCIATION—1943

President—Dr. WM. A. R. Chapin, '15, Springfield, Mass.

Vice-Presidents—Dr. CHARLES E. Harwood, '32, Waterbury.
Dr. MICHAEL F. Cerasoli, '30, Barre
Dr. JAMES P. Marr, '24, New York, N. Y.
Dr. STANLEY A. Wilson, '20, Salem, Mass.

Secretary-Treasurer—Dr. Peter P. Lawlor, '20, Burlington

Executive Committee—Dr. E. Lyman Amidon, '32, Burlington; Dr. J. Frederick Lynch, '34, Burlington; Dr. William J. Slavin, Jr., '35, Burlington

Obituary Committee—Dr. C. A. Newhall, '28, Burlington; Dr. Frank J. Lawliss, '23, Richford; Dr. J. C. O'Neil, '17, Waterbury