THE MEDICAL COLLEGE
CALENDAR
1939-1940

September 11, Examinations for Advancement in Course.
September 13, Wednesday. Opening Convocation—President's Address.
September 14, Thursday. Enrollment and Organization of Classes.
September 15, Friday. Regular Exercises begin.
September 23, Saturday. Registration ends.
November 11, Saturday. Armistice Day.
November 29, Wednesday, 11.50 a.m. to December 4, Monday, 7.30 a.m. Thanksgiving Recess.
December 21, Thursday, 7.30 a.m. to January 4, Thursday, 7.30 a.m. Christmas Recess.
January 4, Thursday, 7.30 a.m. Class Work resumed.
January 18, Thursday to January 27, Saturday. Mid-year Examinations.
January 27, Saturday. Enrollment for Second Semester.
January 29, Monday, 7.30 a.m. Second Semester begins.
March 30, Saturday, 11.50 a.m. to April 9, Tuesday, 7.30 a.m. Spring Recess.
May 1, Wednesday. Founder's Day.
May 30, Thursday. Memorial Day.
May 27, Monday to June 6, Thursday. Final Examinations.
June 7, Friday to June 10, Monday. Events of Commencement Week.
# INDEX OF CONTENTS

<table>
<thead>
<tr>
<th>Administration</th>
<th>5–6, 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Officers</td>
<td>6</td>
</tr>
<tr>
<td>Admission</td>
<td>24</td>
</tr>
<tr>
<td>Requirements for</td>
<td>24</td>
</tr>
<tr>
<td>To Advanced Standing</td>
<td>25</td>
</tr>
<tr>
<td>Board of Trustees</td>
<td>5–6</td>
</tr>
<tr>
<td>Calendar</td>
<td>2</td>
</tr>
<tr>
<td>Clinical Facilities</td>
<td>14–19</td>
</tr>
<tr>
<td>College of Medicine Building</td>
<td>13–14</td>
</tr>
<tr>
<td>Details of Instruction in Departments of Study</td>
<td>29–51</td>
</tr>
<tr>
<td>Enrollment</td>
<td>25</td>
</tr>
<tr>
<td>Faculty of the College of Medicine</td>
<td>7–11</td>
</tr>
<tr>
<td>Fees and Expenses</td>
<td>20</td>
</tr>
<tr>
<td>Fellowships, Scholarships and Loan Funds</td>
<td>21–22</td>
</tr>
<tr>
<td>Graduates 1939</td>
<td>52</td>
</tr>
<tr>
<td>History</td>
<td>12–13</td>
</tr>
<tr>
<td>Honors and Prizes</td>
<td>21</td>
</tr>
<tr>
<td>Honors in Medicine, 1939</td>
<td>53</td>
</tr>
<tr>
<td>Internship Appointments, Graduates, 1939</td>
<td>54</td>
</tr>
<tr>
<td>Laboratory Facilities</td>
<td>18–19</td>
</tr>
<tr>
<td>Library and Museum</td>
<td>17–18</td>
</tr>
<tr>
<td>Medical Fraternities and Societies</td>
<td>59</td>
</tr>
<tr>
<td>Officers of U. V. M. Medical Association</td>
<td>60</td>
</tr>
<tr>
<td>Osler Clinical Society</td>
<td>59</td>
</tr>
<tr>
<td>Outline of the Four-Year Curriculum</td>
<td>27–28</td>
</tr>
<tr>
<td>Premedical Curriculum</td>
<td>22–23</td>
</tr>
<tr>
<td>Register of Students</td>
<td>55–58</td>
</tr>
<tr>
<td>Requirements for Advancement in Course</td>
<td>26</td>
</tr>
<tr>
<td>Requirements for Graduation</td>
<td>27</td>
</tr>
<tr>
<td>Research</td>
<td>19</td>
</tr>
<tr>
<td>Standing Committees</td>
<td>6</td>
</tr>
<tr>
<td>Vermont Department of Public Health</td>
<td>58</td>
</tr>
</tbody>
</table>
ADMINISTRATION

THE BOARD OF TRUSTEES

The University of Vermont and State Agricultural College

GUY WINFRED BAILEY, A.B., LL.D.  President
His Excellency
GEORGE DAVID AIKEN, LL.D.  Governor

Ex-Officio

On the Part of the University of Vermont

Elected

1895  *ROBERT ROBERTS, A.B., LL.D.
1910  †EUGENE NOBLE FOSS, A.B., LL.D.
1910  †NEWMAN KEYES CHAFFEE, A.B.
1913  ‡CLAYTON JOHN WRIGHT, C.E.
1935  GEORGE WILLIAM ALGER, A.B.
      55 Liberty St., New York, N.Y.
1936  CARROLL WARREN DOTEN, A.M.
      58 Garfield Street, Cambridge, Mass.
1937  HENRY BIGELOW OATLEY, B.S.
      60 E. 42nd Street, New York, N.Y.
1938  CASSIUS REUBEN PECK, A.B.
1939  WILLARD ALVORD MITCHELL, A.B.
      141 Broadway, New York, N.Y.

On the Part of the Agricultural College

1914  WARREN ROBINSON AUSTIN, PH.B., LL.D.
      43 S. Williams Street, Burlington, Vt.  1939
1937  DONALD ARTHUR HEMENWAY, B.A.
      Montpelier, Vt.  1939
1927  ROY LEONARD PATRICK, PH.B.
      190 Bank Street, Burlington, Vt.  1945
1923  ‡EDWARD HARRINGTON DEAVITT, PH.B., LL.B.
1929  THOMAS CHARLES CHENEY, A.B.
      Morrisville, Vt.  1939
1933  GUY MILTON PAGE, A.B., LL.B.
      32 N. Prospect Street, Burlington, Vt.  1941
1939  WILLIAM CHESTER WALKER, PH.B.
      Cabot, Vt.
1917  EDWIN WINSHIP LAWRENCE, A.B.
      Rutland, Vt.  1937
1919  HENRY MOSES McFARLAND, A.B.
      Hyde Park, Vt.  1939
1937  LEWIS SMITHERS DUBOIS
      Barnard, Vt.  1943

*Deceased February 23, 1939.
†Resigned June 9, 1939 and deceased September 14, 1939.
‡Deceased October 12, 1939.
§Resigned January 19, 1939.
OFFICERS OF THE BOARD

GUY WINFRED BAILEY, A.B., LL.D., President and Secretary, College of Medicine Building.

OFFICERS OF ADMINISTRATION

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President and Comptroller, College of Medicine Building

HARDY ALFRED KEMP, B.S., M.D.,
Dean of the College of Medicine, College of Medicine Building

FORREST WILKINS KEHOE, B.S.,
Registrar and Assistant Comptroller of the University, College of Medicine Building

ERNEST HIRAM BUTTLES, A.B., M.D.,
Secretary of the Faculty of the College of Medicine, 457 S. Willard Street

STANDING COMMITTEES

Admissions: The Dean, the Secretary of the Faculty, the Registrar of the University, Professor Jordan, Drs. Mackay, Newhall, and Pierce.


Curriculum for Undergraduate and Graduate Instruction: Drs. Allen, Amidon, Beecher, Buttles, Daggs, Durfee, Mackay, Pierce, Raab, and Soule.

Library: Drs. Allen, Beecher, Corley, Harwood, Mackay, McSweeney, and Pierce.

Research: Drs. Amidon, Dunihue, Pierce, Raab, and Soule.

Student Relations: Drs. Beecher, Brown, and Buttles.
FACULTY OF THE COLLEGE OF MEDICINE

GUY WINFRED BAILEY, A.B., LL.D., President of the University.
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JOHN BROOKS WHEELER, A.B., D.Sc., M.D., Professor Emeritus of Surgery.
DAVID MARVIN, M.D., Professor Emeritus of Pharmacology.
CLARENCE HENRY BEECHER, M.D., Professor of Medicine.
THOMAS STEPHEN BROWN, M.D., Thayer Professor of Neuro-anatomy.
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CHARLES FLAGG WHITNEY, B.S., M.S., M.D., Professor of Physiological Chemistry and Toxicology.
CHARLES FRANCIS DALTON, M.D., Professor of Hygiene and Preventive Medicine.
CHARLES KIMBALL JOHNSON, M.D., Professor of Pediatrics.
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LYMAN ALLEN, A.B., M.S., M.D., Professor of Surgery.
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GEORGE MILLAR SABIN, B.S., M.D., Professor of Clinical Surgery.
HOVEY JORDAN, Ph.B., M.S., M.A., Professor of Histology and Embryology.
EMMUS GEORGE TWITCHELL, A.B., M.D., Professor of Ophthalmology, Otolaryngology and Rhinology.
WILMER CLAYTON DREIBELBIES, M.D., Lieutenant Colonel Medical Corps, U.S.A., Professor of Medico-Military Science.
OLIVER NEWELL EASTMAN, M.D., Professor of Gynecology.
HERBERT ASHLEY DURFEE, A.B., M.D., Professor of Obstetrics.
ARTHUR BRADLEY SOULE, JR., A.B., M.D., Professor of Radiology.
HAROLD BARNARD PIERCE, M.S., Ph.D., Professor of Physiological Chemistry.

ASSOCIATE PROFESSORS

BIRD JOSEPH ARTHUR BOMBARD, M.D., Associate Professor of Clinical Surgery.
RAY GILBERT DAGGS, B.S., Ph.D., Associate Professor of Physiology.
PAAK KENDRICK FRENCH, PH.B., M.D., Associate Professor of Clinical Medicine.
WILLIAM GRAVES TOWNSEND, B.S., M.D., Associate Professor of Urology.
ASSISTANT PROFESSORS

Benjamin Dyer Adams, M.D., Assistant Professor of Surgery.
Ellsworth Lyman Amidon, B.S., M.D., Assistant Professor of Medicine.
Maurice Norbert Bellerose, B.S., M.D., Assistant Professor of Orthopedic Surgery.
Paul William Butterfield, A.B., M.D., Assistant Professor of Pathology.
Paul Dennison Clark, M.D., Assistant Professor of Pediatrics.
Roy Edward Corley, A.B., M.D., Assistant Professor of Pediatrics.
Ralph Leslie Cudlipp, M.D., Lieutenant Colonel Medical Corps, U.S.A., Assistant Professor of Clinical Surgery.
John Emerson Davis, A.B., M.S., Ph.D., Assistant Professor of Pharmacology.
Fred Williams Dunhu, A.B., M.S., Ph.D., Assistant Professor of Histology and Embryology.
Arthur Ford Geddes Edgeelow, A.B., M.D., Assistant Professor of Clinical Obstetrics.
Thomas Ludlow Ferenbaugh, A.B., M.D., Colonel Medical Corps, U.S.A., Assistant Professor of Clinical Medicine.
John Archibald Ferguson, M.S., M.D., Assistant Professor of Pathology.
Aymer Seth Columbus Hill, A.B., M.D., Assistant Professor of Clinical Medicine.
Arthur Rush Hogan, A.B., M.D., Assistant Professor of Clinical Surgery.
Wendell Everett James, A.B., M.S., M.D., Assistant Professor of Bacteriology and Hygiene.
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.
Clifford Shattuck Leonard, Ph.B., M.S., Ph.D., Assistant Professor of Pharmacology.
Albert George Mackay, B.S., M.D., Assistant Professor of Surgery.
Karl Cornelius McMahon, B.S., M.D., Assistant Professor of Ophthalmology and Clinical Instructor in Otolaryngology and Rhinology.
Edward Douglas McSweeney, A.B., M.D., Assistant Professor of Gynecology.
Robert Leland Maynard, M.D., Assistant Professor of Surgery.
Charles Perkins Moat, B.S., Assistant Professor of Hygiene.
VISITING PROFESSORS

Frank Roberts Ober, M.D., Visiting Professor of Orthopedic Surgery.
James Norman Petersen, B.S., M.D., C.M., Visiting Professor of Neurology.
Adolphus Duncan Rood, M.D., Visiting Professor of Bronchoscopy.
Eugene Frederick Traub, B.S., M.D., Visiting Professor of Dermatology.

INSTRUCTORS

Paul Millner Ashton, A.B., M.A., M.D., Instructor in Clinical Obstetrics.
Azel Packard Barney, A.B., M.D., Instructor in Clinical Obstetrics.
Nathan Renwick Caldwell, M.D., Instructor in Clinical Radiology.
Albert James Crandall, B.S., M.D., Instructor in Clinical Surgery.
Henry Maurice Farmer, B.S., M.D., Instructor in Clinical Urology.
Winthrop Maillot Flagg, M.D., Instructor in Urology.
Allston Hazen Fogg, B.S., M.D., Instructor in Physical Therapy.
Erald Fairbanks Foster, M.D., Instructor in Preventive Medicine.
Arthur Gladstone, B.S., M.D., Instructor in Clinical Surgery.
Alfred Myron Glickman, M.D., Instructor in Clinical Obstetrics.
Theodore Henry Harwood, A.B., M.D., Instructor in Medicine.
Milford Leroy Hobbs, M.D., Instructor in Pathology.
Bruno Boleslaw Jastremski, B.S., M.D., Captain Medical Corps, U. S. A., Instructor in Clinical Surgery.
Fred Scott Kent, M.D., Instructor in Clinical Medicine.
Robert Edward Lee Loring, M.D., Instructor in Clinical Obstetrics.
Katherine Ella McSweeney, A.B., M.A., M.D., Instructor in Clinical Medicine.
Harold Edward Medivetsky, B.S., M.D., Instructor in Clinical Medicine.
Orlo Charles Paciulli, b.s., m.d., Captain Medical Corps, U. S. A.,
Instructor in Clinical Medicine.

*Jean Barnett Piatt, b.s., m.a., ph.d., Instructor in Anatomy.
Elmer Waters Pike, m.d., Instructor in Clinical Medicine.
Charles Arthur Ravey, m.d., Instructor in Clinical Medicine.

*Laurence Lamson Robbins, b.s., m.d., Instructor in Pathology.
Watson Frank Rogers, b.s., m.d., Instructor in Clinical Medicine.
Jesse Albert Rust, Jr., m.d., Instructor in Clinical Obstetrics.
Ferdinand Jacob Morris Sichel, b.s., m.s., ph.d., Instructor in Physiology.

Clarence Jess Speas, d.d.s., Instructor in Oral Hygiene.
Stanley Steven Stusick, m.d., Instructor in Clinical Obstetrics.
Christopher Marlowe Terrien, m.d., Instructor in Clinical Medicine.

Joseph Georges Thabault, b.s., m.d., Instructor in Clinical Medicine.
Louis George Thabault, m.d., Instructor in Surgery.
Frederick Charles Thorne, a.b., m.a., ph.d., m.d., Instructor in Psychiatry.

George Chandler Tully, b.s., m.d., Instructor in Clinical Urology.
Fletcher Howard White, m.d., Instructor in Clinical Obstetrics.
†Charles Simpson Woodall, m.a., m.d., Instructor in Neurology.

ASSISTANTS

Clarence Edward Bombard, b.s., m.d., Assistant in Surgery.
John Henry McCrea, b.s., m.d., Assistant in Medicine.

SPECIAL LECTURERS

Aaron Hinman Grout, ph.b., Lecturer in Medical Jurisprudence.
David Manson, d.d.s., Special Lecturer in Oral Hygiene.

LABORATORY ASSISTANTS

Paul Frederick Fenton, b.s., Laboratory Assistant in Physiological Chemistry.
John Philip Crispell, b.s., Laboratory Assistant in Physiological Chemistry.

* Absent on leave.
† Deceased March 26, 1939.
LIBRARIAN

MARY OLIVE BOYNTON, PH.B., Librarian, Medical Library
31 S. Prospect Street

TECHNICIANS

JOHN CHARLES BOLDOSER, Laboratory Assistant in Pathology Department
26 Germain Street

JOHN HENRY FULLER, Technician in Anatomy Department
59 Wells Street

HERBERT WILLIAM WELCOME, Technician in Bacteriology and Chemistry Departments
199 N. Winooski Avenue

FLOYD BOSTWICK, Technician in Physiology and Pharmacology Departments
20 N. Union Street

DALLAS RICHARDBOUSHEY, Technician in Physiology and Pharmacology Departments
17 Center Street

ASSISTANTS

CHARLOTTE MAE BALEY, R.N., Physiotherapy Technician
Mary Fletcher Hospital

MRS. WILLIAM MADIGAN, R.N., Dispensary Nurse
204 N. Willard Street

CORNELIA JOSEPHINE BAYLIES, A.B., Secretary to the Dean
28 Clarke Street
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 a Class A 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 is, 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.

Students who have not received the academic training necessary for admission to the College of Medicine are referred to the Catalogue of the University which gives a full description of the curricula in the College of Arts and Sciences serving this purpose.

Inquiries as to admission to the University, requests for catalogues and bulletins, and information concerning the alumni should be addressed to the Registrar 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." Strangers unfamiliar with the institution and desiring information concerning the University may secure the same during office hours by calling either telephone number 899 or 140.

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 de-
partment in 1854 soon became manifest, and a material enlargement of
the old Medical College building at the head of Main Street, was de-
dmanded. 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 Septem-
ber, 1917, a regulation went into force, providing that two full years
of academic college work should be required for admission. This re-
quirement 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 of the University, and the Histology, Pathology, and Bac-
teriology Laboratories. An amphitheatre, capable of seating one hundred
and fifty people, 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 dissecting laboratory of the Department of Anatomy is commodious, well lighted and well equipped. The student laboratory of the Physiology Department was rebuilt and equipped last year; large working benches supplied with sinks, alternating and direct current, and impulse timing have been constructed, thus allowing experimental work of a type not formerly available. Offices and research laboratories for the use of the members of these two departments are also present on this floor. In the basement of the building are research and technical laboratories of the Departments of Pathology and Anatomy. There is also a large student lounge and a branch of the College Book Store. The latter operates a soda fountain and restaurant where lunches may be purchased.

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

HOSPITALS

THE MARY FLETCHER HOSPITAL. This general hospital of 150 beds has been associated with the Medical School for teaching purposes since 1879. All medical and surgical services are represented. The hospital averages well over 5,600 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 residencies in specialties.

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 fully 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 3,700 cases annually. Its capacity is 122 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.
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 well over 1,733 cases yearly, the average daily census being 102. 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 including a wide variety of fractures and dislocations. 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 monthly to this hospital. A section of four third year men are assigned there for ward work in physical diagnosis.

THE WORCESTER CITY HOSPITAL, WORCESTER, MASSACHUSETTS. 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 four men from the fourth year class assigned to this service on a monthly basis. The service is under the direct supervision of attending men who hold teaching appointments in the College. On assignment to this service, students take up residence for a month in Worcester. Their work with this hospital is on a day-around basis. The service averages 900 inpatient and 3,600 outpatient cases annually, with but little month to month variation.

OBSTETRICAL SERVICE. The College maintains a maternity ward at the Mary Fletcher Hospital, to which students are assigned in rotation. The Elizabeth Lund Home, as well as the ward at the above-named hospital, is under the immediate direction of the Professor of Obstetrics.
of the College, insuring the closest possible contact and correlation of didactic and clinical instruction. Students attend prenatal and postnatal clinics at the Elizabeth Lund Home and the Burlington Free Dispensary. Cases of labor are attended at the Mary Fletcher Hospital, the Elizabeth Lund Home and in the Outpatient Department. 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 the actual deliveries. Students are assigned to section work for a period of four weeks. During the past year the service handled 330 teaching cases.

Wesson Maternity Hospital, Springfield, Massachusetts. Arrangements are now in effect to allow for resident clinical clerkships in obstetrics at the Wesson Maternity Hospital in Springfield, Massachusetts. Three men are assigned there in rotation for a month’s service, as a part of the clinical services in the fourth year. The work includes service in the pre- and post-natal clinics maintained by the Hospital; work in the laboratory, where blood-bank service is particularly emphasized, and supervised participation in deliveries both normal and abnormal. The service averages between fifty and sixty patients per month, the student participating in from fifteen to twenty deliveries in each instance.

Students may avail themselves of the training in practical obstetrics offered during the summer months by the Berwind Clinic in New York City. These appointments are made for a period of three weeks during the summer, between the third and fourth years.

PEDIATRICS. The wards of the three local hospitals, the Vermont State Home for Destitute Children, and the Elizabeth Lund Home, together, furnish a total of four hundred children; the Preventorium, forty-eight; the Brandon State School, three hundred. Each institution is under the personal direction of a member of the teaching staff.

Care of the new-born, both premature and full term, is included in the service at the Wesson Maternity Hospital in Springfield, Massachusetts.

VERMONT STATE HOSPITAL, WATERBURY. This institution with 1,031 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 in pairs are given one week of intensive instruction, as resident students, by the chief of the staff, who is also Professor of Psychiatry in the College.
THE VERMONT SANATORIUM AND CERVERY PREVENTORIUM, PITTSFORD.
The Vermont Sanatorium for incipient and early tuberculosis with eighty beds and the Caverly Preventorium for undernourished children with forty-eight 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 gets 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 a teacher of special training in his subject.

BRANDON STATE SCHOOL. Small sections are assigned to week-end trips to the Brandon State School for clinical demonstrations. These clinics are in charge of the State Psychiatrist and are offered to supplement the clinic in mental hygiene conducted at the Dispensary in Burlington.

DISPENSARIES. Two dispensaries are maintained by the College: one at the Mary Fletcher Hospital, and one at 174 Pearl Street. The College has recently leased commodious quarters for its outpatient work in the building at the latter address, 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, 1939, the Dispensary handled 14,984 patients in the following services: 1,655 medical; 2,170 surgical; 834 pediatrics; 625 dermatology; 524 gynecology; 674 pulmonary; 318 phylology; 634 physiotherapy; 668 orthopedics; 202 urology; 665 prenatal and postnatal; 349 allergy; 1,454 eye, ear, etc.; 3,374 dental. The arrangement whereby the Howard Relief Society, the Visiting Nurses Association, and the Vermont Children's Aid will continue to be housed in the same building, 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 competent officer.

LIBRARY AND MUSEUM

The Library of the College of Medicine contains eleven thousand, five hundred volumes and seventeen thousand one hundred pamph-
lets and is located on the second floor of the Medical Building. One hundred seventy-two current medical journals are on file and loose-leaf systems of medicine and surgery are kept up to date. From time to time it has acquired valuable accessions, having received the medical libraries of the late Dean H. C. Tinkham, Dr. D. C. Hawley, Dr. F. T. Kidder, Dr. F. W. Sears, Dr. J. L. Campbell, Dr. I. C. Eisenberg, Dr. E. W. Shipman, Dr. R. T. Johnson, Dr. G. B. French, the Drs. Bullard, Dr. F. D. Carr, the latter a gift of Dr. C. D. Pierce, and also some valuable old books, the gift of Dr. T. S. Brown. In October, 1937, the medical library of the late Dean J. N. Jenne, amounting to about five hundred volumes, was received. 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.

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 Laboratories 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 of Hygiene and Preventive Medicine in the College; the Director of the Board of Health Laboratory is Professor of Toxicology and Physiological Chemistry in the College; and the Sanitary Chemist of the former institution is Assistant Professor of Hygiene in the department of Bacteriology, Hygiene and Preventive Medicine.

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 for any department of the College.

RESEARCH

Investigative work is being conducted in many of the departments of the College. In 1937 a Committee on Research was established as a standing committee of the College; this Committee acts in an advisory and supervisory capacity. Sixteen projects were conducted last year; several of these were completed and several new projects were initiated. Conclusions derived from these studies have been published or accepted for publication in various medical and other scientific journals. Some of the subjects under investigation at the present time are nerve-muscle specificity, studies on milk production, calcium utilization, blood coagulation and carbohydrate absorption, excitation properties of the contractile mechanism in skeletal muscle, etiological factors of organic heart disease in Vermont, and the toxicity of sulfapyridine. This latter work is a joint project of the Departments of Medicine and Biochemistry. A joint project of the Departments of Physiological Chemistry, Physiology, and Pediatrics concerning the availability and utilization of calcium in certain foods was completed last year. This work was carried on at the Home for Destitute Children in Burlington and the full-time services of a nurse, dietitian and several chemists were employed on this project.
FEES AND EXPENSES

Tuition Fee for each session for Vermont students.............................................. $300.00
Tuition Fee for students not residents of Vermont............................................. 450.00
Osler Club Fee............................................................................................... 5.00
Fee for the Doctor's Degree, payable at graduation only............................... 25.00

Average Range

Room Rent in Converse Hall................................................................. $125.00 to $150.00
Room Rent in the city............................................................................... 100.00 to 150.00
Board........................................................................................................... 200.00 to 300.00

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 annually 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, conforming in make, model and equipment to a specified standard. Approved microscopes are sold or rented to students at the Medical Book Store. The price of this physician’s standard microscope is $157.00.

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

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

All textbooks and supplies may be purchased at the Medical Book Store, a branch of the University Store.

The annual 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 bill for the additional year or years in which he may be a member of the University, and 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 Governor Woodbury First Prize of twenty-five dollars is awarded annually to the student who, upon graduation, has shown the greatest proficiency in the clinical subjects in his Senior year. The second prize of twenty-five dollars is awarded to that member of the Sophomore class who has received the largest aggregate of credits in all subjects of the Freshman and Sophomore years.

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 of one hundred and fifty dollars 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.

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 of one hundred and fifty dollars on said fund is to be given annually to a deserving student in the College of Medicine, said scholarship award to be made by the Scholarship Committee of the University.

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 such scholarships must agree to practice medicine in Vermont one year for each year this aid is given or refund to the State Treasurer the amount of the scholarship benefit 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 of fifty dollars each, 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 Medical College Loan Fund amounting to twenty-eight hundred and fifty dollars, is available for loans to students enrolled in the College of Medicine.

There are also certain special and endowed scholarships which are available to students of any college in the University. For information concerning these, see the catalogue number of this Bulletin.

PREMEDICAL CURRICULUM

THE SEVEN-YEAR CURRICULUM

It is strongly recommended that students who intend to study Medicine should first complete one of the regular four-year curricula 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 for a degree in the Classical, Literary-Scientific or General Science curriculum, intending later to enter the College of Medicine, may so arrange as to complete the two curricula in seven years. He must enroll as a premedical student not later than the beginning of his Sophomore year; and must complete the work of the first three years in the College of Arts and Sciences together with one laboratory course each in General and Organic Chemistry, Physics, Botany and Zoology, and so arrange his electives that if he were to complete the work of the fourth year in the College of Arts and Sciences he would fulfill the requirements of the group system. 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 completion of which he will receive his baccalaureate degree.

Students from other institutions who desire to combine the courses 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.

No provision for this combination of courses is made in the College of Arts curricula in Social Science, Chemistry, Education, and Commerce and Economics, or in the Colleges of Engineering and Agriculture.

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

<table>
<thead>
<tr>
<th><strong>THE FRESHMAN YEAR</strong></th>
<th>1ST HF.</th>
<th>2ND HF.</th>
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<tbody>
<tr>
<td>English 1</td>
<td>2</td>
<td>2</td>
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<tr>
<td>Mathematics 1</td>
<td>4</td>
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</tr>
<tr>
<td>French 1 or 3, or German 1 or 2</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Chemistry 1 or 21</td>
<td>4</td>
<td>4</td>
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<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>
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<tr>
<td>Military Science 1 (Men)</td>
<td>2</td>
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<tr>
<th><strong>THE SOPHOMORE YEAR</strong></th>
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<th>2ND HF.</th>
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<tr>
<td>English 2</td>
<td>2</td>
<td>2</td>
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<tr>
<td>French or German</td>
<td>3</td>
<td>3</td>
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<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</td>
<td>1</td>
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<tr>
<td>Military Science 2 (Men)</td>
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<tr>
<th><strong>THE JUNIOR YEAR</strong></th>
<th>1ST HF.</th>
<th>2ND HF.</th>
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<tr>
<td>English (advanced course)</td>
<td>2-3</td>
<td>2-3</td>
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<tr>
<td>Zoology 7 (Embryology) and Botany 8 (CytoLOGY)</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Physical and Quantitative Chemistry</td>
<td>3 or 4</td>
<td>3 or 4</td>
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<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>
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REQUIREMENTS FOR ADMISSION

A minimum of three years of college work in which the specified, required subjects are included, is the prerequisite for admission to the College of Medicine.

Enrollment in the College of Medicine has been restricted in the interest of the maintenance of the highest standards. The premedical curriculum offered in the College of Arts and Sciences not only covers all work prescribed by the Council on Medical Education and Hospitals of the American Medical Association, but co-ordinates in subject matter with the courses in the College of Medicine.

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.

No student can be considered for admission by transfer from another institution unless:

1. The premedical or medical work accords with the courses required at this institution, and was taken at an institution approved by the American Medical Association.
2. The scholastic record has been well above the class average of the school attended.
3. The statement of record is clear of any outstanding condition whatsoever, and an unqualified letter of honorable dismissal is presented.

Eligibility of an applicant for enrollment in the Freshman class is finally determined by the Admissions Committee of the College of Medicine, and 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.

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 not accepted any students to advanced standing. Should, however, any exception be made, the following requirements would be rigidly imposed:

1. That the premedical and medical work accord with the courses required at this institution, and were taken at an institution recognized by the Council on Medical Education and Hospitals of the American Medical Association.

2. That the scholastic record is well above the class average of the school attended.

3. That the previous record shows that one or more years have not been repeated on account of low scholarship.

4. That the statement of record shows no outstanding condition whatsoever.

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 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 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.

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 consideration and 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 will not be permitted to become a member of the third-year class until he has removed all conditions of the first year; and a student will not be permitted to become a member of the fourth-year class until he has removed all conditions of the second year.
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 four courses of instruction in medicine of at least thirty-two weeks each.

Students are expected to serve a one-year internship 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 FOUR-YEAR CURRICULUM

The curriculum has been arranged so that the study of the several branches of medicine is taken up in a systematic way.

The student is taught 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, how such changes give rise to different symptoms and physical signs, and the methods of interpreting such findings in arriving at a diagnosis.

The student is then taught the methods of investigating diseases, their causes and prevention, as well as the remedies used in their treatment. The various surgical conditions are considered, the indications for treatment or operation, and the technic of operating. Reproduction and development are studied and the diseases of pregnancy as well as the management of labor.

Instruction is given by lectures, demonstration, recitations, 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 so that each student receives the personal attention of the instructor.

The work of the First Year includes the study of Anatomy, Physiology, Physiological Chemistry, Histology and Embryology, and Radiology.
The courses in Anatomy and Physiology have been graded to cover two years, the work of each year being practically complete in itself. Laboratory courses are given in Anatomy (dissecting), Histology, Embryology, Physiology, and Chemistry.

During the Second Year the study of Physiology is completed. Courses are given in Materia Medica, Pharmacology, Pathology, Bacteriology, Surgery, Bandaging, Medicine, Toxicology, Obstetrics, Radiology, Hygiene, Psychobiology and Psychopathology. Laboratory courses are given in Anatomy, Pathological Histology, Clinical Pathology, Physiology, and Bacteriology.

The work of the Third Year includes Surgery, Obstetrics, Special Pathology, Therapeutics and the various special subjects of Medicine and Surgery.

Ward work in physical diagnosis is begun in this year. Students are assigned in small sections to the wards of the four hospitals connected with the College. They take histories of the cases assigned to them, make physical examinations under proper supervision, and later present the case before the section for criticism by the instructor.

In addition to the work in physical diagnosis, practical courses in minor surgery and manikin exercises in obstetrics are offered.

The Fourth Year is devoted largely to study of clinical diagnosis and the treatment of disease, the work being done at the general hospitals and the Dispensary.

The class is divided into sections, usually of four students each, which are assigned to various services in rotation. These services include medical, surgical, pathological and specialties at the hospitals; medical, surgical and specialties at the Dispensary, as well as obstetrics and pediatric work at the Wesson Maternity Hospital and the Elizabeth Lund Home; outpatient service with city physicians; four weeks of inpatient and outpatient work in urology at the Worcester City Hospital, and a week each at the State Hospital for mental disease at Waterbury and the Vermont Sanatorium for tuberculosis cases at Pittsford.

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

One two-hour period each week is devoted to a clinical conference for which students prepare and present all possible data, clinical and pathological, upon some case which they have studied, usually one which has come to autopsy. These exercises are held under the joint supervision of the Departments of Medicine, Surgery and Pathology, and cases studied are thoroughly discussed. This conference is attended by the third year students as well as by those of the fourth year class who are not on extra-mural service.
DETAILS OF INSTRUCTION IN THE DEPARTMENTS OF STUDY

THE DEPARTMENT OF ANATOMY

THOMAS STEPHEN BROWN, M.D., Thayer Professor of Neuro-anatomy
HOVEY JORDAN, PH.B., M.S., M.A., Professor of Histology and Embryology
CHESTER ALBERT NEWHALL, A.B., M.D., Assistant Professor of Anatomy
WALTER ALVA STULTZ, A.B., PH.D., Assistant Professor of Anatomy
FRED WILLIAMS DUNIHUE, A.B., M.S., PH.D., Assistant Professor of Histology and Embryology
JEAN BARNETT PIATT, B.S., M.A., PH.D., Instructor in Anatomy
ROBERT STEPHEN JENKS, PH.B., M.D., Assistant in Anatomy

FIRST YEAR:

I. Gross Anatomy

This course starts with a brief introduction to the study of human anatomy, followed by a few sessions devoted to osteology. A set of bones is provided for each student. The appearances of the bones as shown on x-ray films are demonstrated by Dr. Soule, Professor of Radiology.

The plan of work then provides for dissection of the body done by groups of students, usually four in each group. Emphasis is placed on careful dissection and the importance of learning not only how to be a good dissector, but also how to assist whoever is handling the scalpel.

The approach to dissection is made 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.

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 opportu-
nity 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, Brown, Stultz, and Jenks.

Textbooks—Gray, Sobotta and McMurrich.

II. Histology and Embryology

The subject matter is organized and presented in the following parts and sequence: Histology, Embryology, Neuro-histology. 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, and the development and structure 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.

192 hours (Histology, 112 hours; Embryology, 32 hours; Neurohistology, 48 hours). Professor Jordan, Dr. Dunibue.

Textbooks—Histology, Bailey; Embryology, Arey; Neuro-histology, Ranson.

Collateral reading—Histology, Maximow-Bloom, Cowdry, Jordan, Bremer; Embryology, Dodds, Bailey and Miller, Keibel and Mull, Jordan-Kindred; Neuro-histology, Larsell, Tilney and Riley, Rasmussen, Clark, Monrad-Krohn.

SECOND YEAR:

I. Anatomy

Inasmuch as all the advanced work offered by the Department is given in the first year, 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, striving to keep always 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.

32 hours (one hour per week during the first and second semesters). Drs. Brown and Newhall.
THE DEPARTMENT OF BACTERIOLOGY, HYGIENE AND PREVENTIVE MEDICINE

Hardy Alfred Kemp, B.S., M.D., Professor of Bacteriology and Preventive Medicine
Charles Francis Dalton, M.D., Professor of Hygiene and Preventive Medicine
Wendell Everett James, A.B., M.S., M.D., Assistant Professor of Bacteriology and Hygiene
Charles Perkins Moat, B.S., Assistant Professor of Hygiene
Louis Rabinowitz, M.D., Assistant Professor of Preventive Medicine
Erald Fairbanks Foster, M.D., Instructor in Preventive Medicine
Clarence Jess Speas, D.D.S., Instructor in Oral Hygiene
David Manson, D.D.S., Special Lecturer in Oral Hygiene

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, two hours per week first semester. Laboratory eight hours per week, first semester. 152 hours. Dr. James.

II. Hygiene

Lectures, demonstrations, and field trips.

The course includes studies in sanitation, ventilation, water purification, sewage disposal, milk supply, administration and functions of health agencies, both public and volunteer, and their proper relation to public health. 32 hours. Drs. Dalton and Kemp, and Assistant Professor Moat.

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, in the recognition and prevention of
functional disorders, and the preventive methods now employed in in-
dustrial hygiene. 32 hours. Drs. Kemp, Dalton, and Rabinowitz.

FOURTH YEAR:

1. 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 Asso-
ciation, the Vermont Crippled Children’s organization, the bureaus for
maternal welfare and child hygiene, the Vermont Tuberculosis Associa-
tion, the state program for the control of venereal disease, and the
functions of the State Health Department. The Staff.

THE DEPARTMENT OF CHEMISTRY

Harold Barnard Pierce, M.S., Ph.D., Professor of Physiological
Chemistry

Charles Flagg Whitney, M.S., M.D., Professor of Physiological
Chemistry and Toxicology

John Emerson Davis, A.B., M.S., Ph.D, Assistant Professor of Pharma-
cology

Paul Frederick Fenton, B.S., Laboratory Assistant in Physiological
Chemistry

John Philip CrisPELL, B.S., Laboratory Assistant in Physiological
Chemistry

FIRST YEAR:

Lectures and recitations, four hours per week, second semester. 64
hours.

Laboratory, six hours per week, second semester. 96 hours.

The course is designed to afford the student 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 carbo-
hydrates, 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 second year of Physiology. Drs. Pierce, Davis, and Assistants.

The laboratory facilities of the Department are available to qualified persons for research in Biochemistry.


**THE DEPARTMENT OF GYNECOLOGY**

Oliver Newell Eastman, M.D., Professor of Gynecology
Herbert Ashley Durfee, A.B., M.D., Professor of Obstetrics
Edward Douglas McSweeney, A.B., M.D., Assistant Professor of Gynecology
Fletcher Howard White, M.D., Instructor in Clinical Obstetrics

**THIRD YEAR:**

I. Principles of Gynecology

Lectures and recitations on gynecological lesions which are considered in detail, and the method of gynecological diagnosis and treatment indicated. 64 hours. Drs. McSweeney and Eastman.

II. Section Work

Students receive instruction in history taking and diagnosis at the Mary Fletcher Hospital. 16 hours. Dr. White.

**FOURTH YEAR:**

I. Clinical Gynecology

Student sections receive instruction at the Mary Fletcher Hospital two hours each week. They are drilled in history-taking, method of examination, the use of gynecological instruments, diagnosis and treatment, including x-ray and radium therapy. Operative clinics in the amphitheatre. 64 hours. Dr. Eastman.
II. Applied Gynecology

Diagnostic work and supervised treatment of gynecological and obstetrical patients at the College Dispensary. Groups of two students are given twelve hours of individual instruction. Dr. Durfee.

Rounds are made in the gynecological wards at the Mary Fletcher Hospital, where opportunity is afforded for individual instruction of assigned groups of students in practical bedside handling of gynecological patients. Drs. Eastman, Durfee, and McSweeney.

Textbooks and References—Diseases of Women, Crossen; Gynecology, Curtis; Tumors of the Female Pelvic Organs, Meigs.

THE DEPARTMENT OF MEDICINE

CLARENCE HENRY BEECHER, M.D., Professor of Medicine
JAMES CHARLES O'NEIL, B.S., M.D., Professor of Psychiatry
PAUL KENDRICK FRENCH, PH.B., M.D., Associate Professor of Clinical Medicine
EDWARD JAMES ROGERS, M.D., Assistant Professor of Clinical Medicine
HIRAM EUGENE UPTON, B.S., M.D., Assistant Professor of Clinical Medicine
ELLSWORTH LYMAN AMIDON, B.S., M.D., Assistant Professor of Medicine
THOMAS LUDLOW FERENBAUGH, A.B., M.D., Colonel Medical Corps, U. S. A., Assistant Professor of Clinical Medicine
AYMER SETH COLUMBUS HILL, A.B., M.D., Assistant Professor of Clinical Medicine
WILHELM RAAB, M.D., Assistant Professor of Clinical Medicine
JAMES NORMAN PETERSEN, B.S., M.D., C.M., Visiting Professor of Neurology
ADOLPHUS DUNCAN ROOD, M.D., Visiting Professor of Bronchoscopy
EUGENE FREDERICK TRAUB, B.S., M.D., Visiting Professor of Dermatology
CHARLES ARTHUR RAVEY, M.D., Instructor in Clinical Medicine
HAROLD EDWARD MEDIVETSKY, B.S., M.D., Instructor in Clinical Medicine

*CHARLES SIMPSON WOODALL, M.A., M.D., Instructor in Neurology
THEODORE HENRY HARWOOD, A.B., M.D., Instructor in Medicine
FRED SCOTT KENT, M.D., Instructor in Clinical Medicine

* Deceased March 26, 1939.
KATHERINE ELLA MCSWEENY, A.B., M.A., M.D., Instructor in Clinical Medicine
DANIEL JOHN MORIARTY, M.D., Instructor in Clinical Medicine
ORLO CHARLES PACIULLI, B.S., M.D., Captain Medical Corps, U. S. A., Instructor in Clinical Medicine
ELMER WATERS PIKE, M.D., Instructor in Clinical Medicine
WATSON FRANK ROGERS, B.S., M.D., Instructor in Clinical Medicine
CHRISTOPHER MARLOWE TERRIEN, M.D., Instructor in Clinical Medicine
JOSEPH GEORGES THABAULT, B.S., M.D., Instructor in Clinical Medicine
FREDERICK CHARLES THORNE, A.B., M.A., PH.D., M.D., Instructor in Psychiatry
JOHN HENRY MCCREA, B.S., M.D., Assistant in Medicine
AARON HINMAN GROUT, PH.B., Lecturer in Medical Jurisprudence

SECOND YEAR:

I. Physical Diagnosis (Normal)
   (a) Instruction is given in the methods of physical examination, one hour a week throughout the year. 32 hours. Dr. Beecher.
   (b) One hour a week throughout the year is allowed for demonstrations and examination of patients. Taught in sections. 32 hours. Drs. Amidon, Upton, Raab, and Harwood.

II. History Taking and Elementary Clinics
   One hour a week, second semester. 16 hours. Dr. Beecher.

III. Pathological Physiology Conference
   A discussion and an interpretation of the disturbed physiological and biochemical processes underlying disease, two hours a week, second semester. 32 hours. All members of Department.

IV. Mental Hygiene
   This course presents a discussion of the development, significance, and treatment of the common behavior problems of childhood, adolescence, and adulthood. The psychobiological origins of the various personality reactions are described, and mention made of the pathological mental mechanisms underlying the development of the various types of personality. One hour weekly throughout the year. 32 hours. Dr. Thorne.

THIRD YEAR:

I. Physical Diagnosis (Pathological)
   Small sections are assigned to the Fanny Allen, Bishop DeGoesbriand, Fort Ethan Allen, and Mary Fletcher Hospitals, two hours a day, four
days each week, for practical work in history taking and physical examinations. No direct distinction is made between medical and surgical cases, the time and service being divided between the two. 256 hours. Drs. Amidon, Upton, Raab, Hill, Harwood, Paciulli, Terrien, Ravey, McSweeney, Thabault, and Rogers.

II. Textbook Survey, General Medicine

Emphasis is placed on the commoner conditions and on etiology, symptomatology, physical findings, and laboratory data. Two hours each week. 64 hours. Drs. Amidon, Ravey, Upton, Raab, and Harwood.

III. Therapeutic Conference

One hour a week throughout the year. 32 hours. Dr. French.

IV. Therapeutic Clinic

One hour a week throughout the year. 32 hours. Dr. French.

V. General Medical Clinic

One hour a week throughout the year. 32 hours. Drs. Amidon, Raab, and Beecher.

VI. Clinico-Pathological Conferences

These conferences are held in conjunction with the Departments of Pathology and Surgery, one and one-half hours a week throughout the year. 48 hours. Drs. Beecher, Amidon, Raab, and Harwood, and members of the Departments of Surgery and Pathology.

VII. Tropical Medicine

Lectures, demonstrations, recitations, and laboratory diagnosis, one hour a week, second semester. 16 hours. Dean Kemp.

VIII. Dermatology

Lectures and demonstrations are given covering etiology, diagnosis, and therapy of the more common skin diseases. Use is made of the projectoscope 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.
IX. 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 thereon, medico-legal aspects of certain crimes, expert testimony, insanity, and judicial toxicological investigations. 16 hours. Judge Grout.

X. Neurology
The correlation of the anatomy and physiology of the nervous system with clinical neurology is studied; demonstrations or routine and special neurological examinations are given on patients from the clinic. 16 hours. Dr. Upton.

Lectures are delivered on clinical neurology and illustrative cases are demonstrated in the clinic. Intensive training is given in history taking and neurological examinations are made on selected cases illustrating the principal nervous diseases. 32 hours. Dr. Petersen.

XI. Psychiatry
Lectures are given on the psychological approach to the problem of mental disease. The following topics are discussed: descriptive psychology, incidence and causes of mental disease, symptomatology, classification of mental diseases, diagnosis and treatment of mental diseases, methods of examination and history taking, and commitment of the insane. 22 hours. Dr. O'Neil.

FOURTH YEAR:

I. Mental Hygiene Clinics
Fourth-year students will be assigned in rotation to observe diagnostic and therapeutic procedures being carried out at the Vermont Mental Hygiene Clinic for children in Burlington and at the Brandon State School. Opportunities will be given to study individual cases under the direct supervision of the Clinical Staff. Dr. Thorne.

II. Dermatology
Students attend the dermatology clinics at the Mary Fletcher Hospital. 12 hours. Dr. Traub.

In addition, senior students are assigned in rotation to attend the dermatology clinics at the Burlington Free Dispensary, held each Wednesday afternoon.

III. Neurology
Throughout the year student instruction is given at the Dispensary. Dr. Upton.
IV. Psychiatry

Each student spends one week at the Vermont State Hospital. Staff meetings, clinics, ward work, and examination of patients. Dr. O'Neill.

V. Clinical Clerkships

The work of this year is done in small sections at the several teaching hospitals. 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, the Vermont Sanatorium for tuberculosis, the Vermont State Hospital, on City Service, and at the Dispensary. The services are for four weeks, with the exception of the Vermont State Hospital for the Insane and the Vermont Sanatorium, where the students are assigned for one week's residence. 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 Director of the Free Dispensary. This is a general, twenty-four hour service, and is also of one month's duration.

The entire medical staff supervise the sections in the various hospitals.

Textbooks—Internal Medicine, Musser; Physical Diagnosis, Major; Dermatology, Ormsby, Sutton and Sutton; Basis of Clinical Neurology, Brock.

THE DEPARTMENT OF OBSTETRICS

Herbert Ashley Durfee, A.B., M.D., Professor of Obstetrics
Oliver Newell Eastman, M.D., Professor of Gynecology
Arthur Ford Geddes Edgelow, A.B., M.D., Assistant Professor of Clinical Obstetrics
Jesse Albert Rust, Jr., M.D., Instructor in Clinical Obstetrics
Fletcher Howard White, M.D., Instructor in Clinical Obstetrics
Paul Millner Ashton, A.B., M.A., M.D., Instructor of Clinical Obstetrics
Azel Packard Barney, A.B., M.D., Instructor in Clinical Obstetrics
Alfred Myron Glickman, M.D., Instructor in Clinical Obstetrics
Robert Edward Lee Loring, M.D., Instructor in Clinical Obstetrics
Stanley Steven Stusick, M.D., Instructor in Clinical Obstetrics
SECOND YEAR:
Anatomy of female pelvis and reproductive organs. Course and mechanism of labor. Management of normal labor, normal puerperium and lactation. 32 hours. Dr. Durfee.

THIRD YEAR:
Physiology of reproduction and associated endocrinology. Management of pregnancy, normal and abnormal (including toxemias of pregnancy). 32 hours. Dr. Eastman.

Abnormal labor—operative obstetrics. Gross and microscopic pathology in cooperation with the Department of Pathology.
Demonstration of normal and abnormal labors on the manikin and by motion pictures. 64 hours. Dr. Durfee.

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

FOURTH YEAR:
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. (20 hours.) 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 examinations and keeping detailed records. The labor clerk observes or assists at the actual deliveries.

Additional experience in clinical obstetrics is provided by affiliation with the Berwind Clinic in New York and the Wesson Maternity Hospital in Springfield, Massachusetts. The appointments at the Berwind Clinic are made during the summer vacation period between the third and fourth years, and are for periods of three weeks. Students are assigned for work at the Wesson Maternity Hospital in sections of three for periods of one month. In each instance, the students are responsible to the University, as well as to the administrations of the institutions.

Textbook—Obstetrics, Beck.
References—Principles and Practice of Obstetrics, DeLee; Obstetrics, Williams; Obstetrics and Gynecology (three volumes), Curtis.
THE DEPARTMENT OF OPHTHALMOLOGY, OTOLARYNGOLOGY AND RHINOLOGY

EMMUS GEORGE TWITCHELL, A.B., M.D., Professor of Ophthalmology, Otolaryngology, and Rhinology
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

THIRD YEAR:
Lectures and recitations. 32 hours, first semester.
Manner and methods of examinations.
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. Dr. Twitchell.

FOURTH YEAR:
Clinical instruction Tuesday and Friday afternoons of each week from two to four o'clock at the Mary Fletcher Hospital outdoor clinic. Indoor cases are also used for teaching. Patients are examined before the sections and by the sections. Treatments and methods of treatment are shown and explained. Dr. Twitchell, and Dr. McMahon or Larner.
Clinical instruction Monday and Wednesday afternoons of each week from three to five-thirty o'clock at the Bishop DeGoesbriand Hospital outdoor clinics. Dr. Lawlor.
Clinical instruction to the section on duty at the Fanny Allen Hospital. Dr. McMahon, Larner or Lawlor.
Clinical instruction at the Fort Ethan Allen Hospital by the officer on duty.
Clinical instruction at the Burlington Free Dispensary on Thursday afternoon of each week at four o'clock. Dr. McMabon, Larner or 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.

Textbooks—Eye, May, DeSchweinitz, Gifford; Ear, Gleason, Phillips; Ear, Nose and Throat, Turner; Diseases of Nose and Throat, Coakley.

THE DEPARTMENT OF PATHOLOGY

Ernest Hiram Buttiles, A.B., M.D., Professor of Pathology
John Archibald Ferguson, M.S., M.D., Assistant Professor of Pathology
Paul William Butterfield, A.B., M.D., Assistant Professor of Pathology
Laurence Lamson Robbins, B.S., M.D., Instructor in Pathology
Milford Leroy Hobbs, M.D., Instructor 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 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, two hours weekly are devoted 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.

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

* Absent on leave.
Laboratory, five hours per week, first semester, and six hours per week during second semester. 176 hours. Drs. Battles, Butterfield, and Hobbs.

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. Ferguson.

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. Drs. Ferguson and Butterfield.

II. Clinical Conferences

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

FOURTH YEAR:

I. Autopsies

Students are required to attend autopsies as available and to take notes, describe gross and microscopic findings and report conclusions upon assigned cases.

Textbooks—Pathology, Textbook of Pathology, Boyd; Clinical Pathology, Clinical Diagnosis by Laboratory Methods, Todd and Sanford; Essentials of Pathology, Smith and Gault.
THE DEPARTMENT OF PEDIATRICS

Charles Kimball Johnson, M.D., Professor of Pediatrics
Paul Dennison Clark, M.D., Assistant Professor of Pediatrics
Roy Edward Corley, A.B., M.D., Assistant Professor of Pediatrics

THIRD YEAR:

Principles of Pediatrics

Lectures on the more important diseases of infancy and childhood, preventive pediatrics, breast and artificial feeding. Also lectures and demonstrations on history taking, physical examination, normal development, body types, posture, and so forth. Before the entire class. 64 hours. Dr. Johnson.

FOURTH YEAR:

Clinical Clerkships

The work of the fourth year is carried on with small sections of students at the three hospitals, Dispensary, the Maternity and Children's Homes. There is also one clinic a week in the amphitheatres. This work is all under supervision and students are required to write up their cases. These case reports are turned in for grading. There will also be assigned reading. Drs. Johnson, Corley, and Clark.

Textbook—Diseases of Infants and Children, Griffith and Mitchell.
Reference—Principles of Pediatrics, Brennemann.

THE DEPARTMENT OF PHARMACOLOGY

David Marvin, M.D., Professor Emeritus of Pharmacology
Harold Barnard Pierce, M.S., Ph.D., Professor of Physiological Chemistry
Charles Flagg Whitney, M.S., M.D., Professor of Physiological Chemistry and Toxicology
Clifford Shattuck Leonard, M.S., Ph.D., Assistant Professor of Pharmacology
John Emerson Davis, A.B., M.S., Ph.D., Assistant Professor of Pharmacology
SECOND YEAR:

Lectures and recitations. 58 hours, second semester.
Laboratory. 78 hours, second semester.

The major purport of the instruction 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 recitations on pharmacological and toxicological 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. Drs. Leonard and Davis.

Toxicology

The course consists of discussions and recitations one hour a week during the second semester of the second year. The time is divided about equally between General Toxicology and Special Toxicology in which each important poison is studied with reference to its origin, effect on the body, treatment, and so forth. 16 hours. Dr. Whitney.

The laboratory facilities of the Department are available to qualified persons for research in Pharmacology.

Textbooks—Cushny, Eggleston, Useful Drugs (A. M. A.).

THE DEPARTMENT OF PHYSIOLOGY

Fred Kinney Jackson, A.B., M.D., Professor of Physiology
Ray Gilbert Daggs, B.S., Ph.D., Associate Professor of Physiology
Ferdinand Jacob Morris Sichel, M.S., Ph.D., Instructor in 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.
FIRST YEAR:

Lectures and conferences, second semester. 64 hours.
Laboratory, second semester. 96 hours.

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

SECOND YEAR:

Lectures and conferences, first semester. 48 hours.
Laboratory, first semester. 48 hours.

The material covered in the second year includes the physiology of secretion, digestion, excretion, nutrition, energy metabolism, internal secretions, and reproduction. Considerable time is spent on endocrinology. *Drs. Daggs and Sichel.*

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.

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

A biweekly 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.

Textbooks—*Physiology in Modern Medicine,* McLeod; *Physiological Basis of Medical Practice,* Best and Taylor.

Collateral reading—*Physiology in Health and Disease,* Wiggers; *Human Physiology,* Starling; *Essentials of Physiology,* Jackson; current periodicals and reviews.
THE UNIVERSITY OF VERMONT

THE DEPARTMENT OF RADIOLOGY AND PHYSICAL THERAPY

ARTHUR BRADLEY SOULE, JR., A.B., M.D., Professor of Radiology
ALLSTON HAZEN FOGG, B.S., M.D., Instructor in Physical Therapy
NATHAN RENWICK CALDWELL, M.D., Instructor in Clinical Radiology

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. Dr. Soule.

SECOND YEAR:

I. Radiology
   Continuation of fluoroscopic and roentgenographic demonstrations in conjunction with Departments of Physiology and Anatomy. Roentgen diagnosis of bone tumors and of diseases of the chest; effects of radiation on normal and abnormal tissues; introduction to radiotherapy. 8 hours. Dr. Soule.

THIRD YEAR:

I. Radiology
   Diagnostic and therapeutic radiology; lectures and demonstrations covering the diagnosis of abnormalities of the skeletal system, alimentary tract, urinary tract, central system; considerations of the use of x-ray and radium in the treatment of neoplasms, endocrine disturbances, inflammatory lesions, and so forth. 16 hours. Dr. Soule.

II. 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. 6 hours. Dr. Fogg.

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. 32 hours. Dr. Soule.

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. Dr. Fogg.

THE DEPARTMENT OF SURGERY

John Brooks Wheeler, A.B., D.Sc., M.D., Professor Emeritus of Surgery
Lyman Allen, A.B., M.S., M.D., Professor of Surgery
George Millar Sabin, B.S., M.D., Professor of Clinical Surgery
Bird Joseph Arthur Bombard, M.D., Associate Professor of Clinical Surgery
William Graves Townsend, B.S., M.D., Associate Professor of Urology
Benjamin Dyer Adams, M.D., Assistant Professor of Surgery
Walford Tupper Rees, M.D., Assistant Professor of Surgery
Robert Leland Maynard, M.D., Assistant Professor of Surgery
Ralph Leslie Cudlipp, M.D., Lt. Colonel Medical Corps, U. S. A., Assistant Professor of Clinical Surgery
Keith Frank Truax, B.S., M.D., Assistant Professor of Surgery
Albert George Mackay, B.S., M.D., Assistant Professor of Surgery
Maurice Norbert Bellerose, B.S., M.D., Assistant Professor of Orthopedic Surgery
Arthur Rush Hogan, A.B., M.D., Assistant Professor of Clinical Surgery
Frank Roberts Ober, M.D., Visiting Professor of Orthopedic Surgery
Winthrop Maillot Flagg, M.D., Instructor in Urology
Louis George Thabaault, M.D., Instructor in Surgery
Arthur Gladstone, B.S., M.D., Instructor in Clinical Surgery
Albert James Crandall, B.S., M.D., Instructor in Clinical Surgery
Bruno Boleslaw Jastremski, B.S., M.D., Captain Medical Corps, U. S. A., Instructor in Clinical Surgery
Henry Maurice Farmer, B.S., M.D., Instructor in Clinical Urology
George Chandler Tully, B.S., M.D., Instructor in Clinical Urology
Clarence Edward Bombard, B.S., M.D., Assistant in Surgery
SECOND YEAR:

I. Recitations

A textbook, recitation, and quiz course with informal discussions or lectures. An effort is made to make clear the connection between surgery and the preclinical subjects of Anatomy (including Histology), Physiology, Bacteriology, and Pathology. Diagnosis is especially stressed. The topics covered are: inflammation and repair, burns, wounds, infections and injuries to or diseases of the tendons, muscles and ligaments, bursae, vascular and lymphatic systems, osteomyelitis, and amputations; also aseptic surgical technic and minor surgical procedures. 64 hours. Drs. Truax and Thabault.

II. Practical Surgery

Bandaging, use of splints and other surgical appliances, work with plaster of Paris. The student applies the bandages to all parts of the body and his work is criticized by the instructor. Taught in small sections. 10 hours per section. Dr. Jenks.

THIRD YEAR:

I. General and Regional Surgery

The course is covered largely by case histories, with prerequisite reading of textbooks or medical journals on the subject under discussion. Differential diagnosis is emphasized and operative technic minimized. 80 hours. Drs. Allen, Rees, and Mackay.

II. Fractures and Dislocations

Besides a routine covering of the ordinary fractures and dislocations, with the necessary diagnostic steps, including x-ray, and the various procedures for their proper reduction, there is a demonstration of apparatus and its application. The occasional advisability of open reduction and internal fixation is made clear, with its dangers and advantages. The necessity of temporary splinting before transportation is insisted upon. Whenever possible, the cases in the wards are used to demonstrate the actual fracture and its treatment. X-ray films are used extensively. 32 hours. Dr. Maynard.

III. Surgical Anatomy

This course is, to some extent, a review of the students' previous anatomical studies, with the special object of showing anatomical relationships in the more usual surgical operations such as those for hernia, appendicitis, cholecystitis, thyroidectomy, infected hands, and so forth. 12 hours. Dr. Mackay.
IV. Anesthesia

The object of this course is to give the student a theoretical knowledge of the subject before he gives the anesthetic himself (under supervision) during his fourth year. 16 hours.

V. Clinico-Pathological Conferences

These conferences are supervised by various members of the Medical, Surgical, and Pathological Departments, and are included in the text of the Department of Medicine. 64 hours.

VI. Rectal Diseases

A clinical demonstration and discussion of diseases of the anus, rectum, and colon, is held at the Mary Fletcher Hospital on those Friday afternoons during the year when the special lecturers in Orthopedics and Dermatology are not teaching. 16 hours. Drs. Adams and Gladstone.

VII. Orthopedic Surgery

This course is under the direction of Drs. Ober, Maynard, and Bellerose. Dr. Ober holds six clinics during the year at the Mary Fletcher Hospital. To these clinics are brought a number of cases from the Crippled Children’s Division and a certain number from private sources. The clinic is both diagnostic and operative. The surgical section on Tuesday morning is engaged in orthopedic work under Dr. Bellerose. Drs. Ober, Maynard, and Bellerose.

VIII. Urology

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

IX. Physical Diagnosis

Physical diagnosis in this year is handled by the Department of Medicine and is included under their synopsis of courses. 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 vice versa. The class is divided into sections which, on four days of each week, take histories and make physical examinations under the guidance of instructors at the Mary Fletcher, Bishop DeGoesbriand, Fanny Allen, and Fort Ethan Allen Hospitals, or do the laboratory work and assistance at the Dispensary. The sections are rotated from month to month. 128 hours. Drs. Allen, Rees, Truax, Mackay, Crandall, Gladstone, Terrien, Thabault, and Jenks.
FOURTH YEAR:

I. Orthopedic Surgery

The surgical section on Monday and Friday mornings is primarily engaged with work in orthopedics. Drs. Maynard and Bellerose.

II. 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. 160 hours. Dr. Tully.

Work in Burlington includes one morning clinic weekly in urology at the Mary Fletcher Hospital, and two afternoon clinics weekly in venereal diseases. Drs. Townsend, Flagg, and Farmer.

III. Clinical Clerkships

The class is divided into sections which, under the supervision of the surgical teachers, act as clinical clerks and assistants in the Mary Fletcher, Bishop DeGoesbriand, Fanny Allen, and Fort Ethan Allen Hospitals, and in the Dispensary or on City Service, rotating in their appointments. The class as a whole, unless unavoidably prevented, meets once a week for a surgical clinic, paper clinic, or discussion with Dr. Allen. Sections in minor surgery and diagnosis are assigned to the Dispensary, two hours a day, six days a week. 320 hours. Dr. Allen and Staff.

IV. Clinical Anesthesiology

The fourth year students in rotation are given practical instruction in anesthesia at the Mary Fletcher Hospital under the direct supervision of the Instructor in Anesthesia. Each student has the opportunity of anesthetizing several cases.

Textbooks—General and Regional, Christopher, Homans, Keen; Operative, Binnie, Bickman; Handbook of Orthopedic Surgery, Shands; Fractures and Dislocations, Key and Conwell, Speed; Urology and Venereal Diseases, Le Comte, Lowsley and Kirwin, Herman.
MEDICAL RELATIONSHIPS

A course in medical relationships, introduced two years ago, will be continued and expanded this year. This will include lectures on medical history, ethics, economics, trends in medical practice, social service, and internships.

MEDICO-MILITARY SCIENCE

MEDICAL UNIT—RESERVE OFFICERS TRAINING CORPS

WILMER CLAYTON DREIBELBIES, M.D., Lt. Colonel Medical Corps, U.S.A., Professor of Medico-Military Science

A course in Medico-Military Science is available to all medical students who enroll in the Medical Unit of the Reserve Officers Training Corps. This unit has been established by the War Department on application of the University authorities and is open to male medical students who have no disqualifying physical defects. The object of the course is to prepare students who may so elect, for commission in the Medical Reserve Corps on graduation.

Instruction in this subject is divided into two (2) courses: Basic and Advanced. Each course consists of two (2) years with approximately 31 hours of class work per year. Enrollment in either course is for the full two years.

The basic course is designed for Freshmen and Sophomores and consists of instruction in Military Fundamentals, the organization of the Army and Medical Department, the tactical employment of Medical Department units with such accessory subjects as will prepare the student for a better appreciation of the advanced course which is largely preventive medicine.

Only those students who have successfully completed the Basic course are eligible for the Advanced course. Students accepted for the Advanced course must attend the summer camp of six weeks’ duration, held at the Medical Field Service School, Carlisle Barracks, Pennsylvania. This camp should be attended during the Sophomore-Junior vacation.

Certain financial benefits accrue to members of the Advanced course. For the summer camp they are paid mileage to and from the camp, $21.00 per month while at camp, plus board, clothing, quarters, and medical attention. In addition, they are paid commutation of 25 cents per day during the Junior and Senior years. Total payments amount to about $100.00 per year.
GRADUATES—DOCTORS OF MEDICINE—1939

Joseph Aloysius Astone
Barbara Beardslee
Paul Cohen, b.s.
James Everett Crane, b.s.
Richard Barre Davis, b.s.
Amore Del Giudice, b.s.
Raymond Carl Densmore, b.s., cum laude
William Bernard Ferriter, b.s.
Herbert Edward Fitch, Jr., b.s., cum laude
Thomas Gleason Fitzgerald, b.s.
John Carl Greenan, b.s.
James Garfield Grimes, Jr.
William Henry Heininger
Clifton Dexter Howe, b.s.
Linus James Leavens, PH.B., cum laude
Julius Richard Levin, b.s.
Hyman Bernard Levine, b.s.
John Van Sicklen Maecck, b.s.
Raymond George Mainer
Roger Wendell Mann, A.B., cum laude
Abraham Jack Moskovitz, b.s.
Belmont Stanley Musicant, b.s.
Robert Williston Nevin, b.s.
Abraham Oppenheim, b.s., A.B., cum laude
Platt Rugar Powell, b.s.
William Joseph Powers, b.s.
Burnett Sheldon Rawson
Albert Ira Robbins, b.s.
J. Frederick Rommel, Jr., b.s.
Richard Woodhull Rommel, b.s.
Charles Brush Rust
George Millar Sabin, Jr., b.s.
Andrew Irving Ephriam Schildhaus, b.s.
Arthur Pierre Stebbins, b.s.
Maurice James Walsh, b.s.
Edwin Conrad Weinraub, b.s.
Bernard Weiss, b.s.
Ruth Mitchell White, b.s.

Beacon, N.Y.
Springfield
Woonsocket, R.I.
Stamford, Conn.
Readsboro
Waterbury
Burlington
Brattleboro
Burlington
Albany, N.Y.
Berlin, N.H.
Dumont, N.J.
Burlington
Burlington
St. Albans
Burlington
Burlington
Shelburne
New Britain, Conn.
Waterville
Burlington
Burlington
Edgartown, Mass.
New York, N.Y.
Milton
Rutland
Williston
Roxbury, Mass.
Oneida, N.Y.
Oneida, N.Y.
Burlington
Burlington
Shelburne
South Burlington
Burlington
New York, N.Y.
Brooklyn, N.Y.
Brattleboro
HONORS IN MEDICINE—1939

CUM LAUDE
Herbert Edward Fitch, Jr., B.S.
Abraham Oppenheim, B.S., A.B.
Linus James Leavens, Ph.B.
Raymond Carl Densmore, B.S.
Roger Wendell Mann, A.B.

CARBEE PRIZE
For greatest proficiency in the subject of Obstetrics
Clifton Dexter Howe, B.S.
Platt Rugar Powell, B.S.

WOODBURY PRIZES IN MEDICINE
For greatest proficiency in Clinical Work in senior year
Herbert Edward Fitch, Jr., B.S.
Albert Ira Robbins, B.S.

To sophomore having the highest standing for two years of Medical Work
Deane Fremont Mosher, B.S.
# INTERNESHIP APPOINTMENTS

**GRADUATES, ACADEMIC YEAR—1938-39**

<table>
<thead>
<tr>
<th>Name</th>
<th>Hospital</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joseph Aloysius Astone</td>
<td>Waterbury Hospital</td>
<td>Waterbury, Conn.</td>
</tr>
<tr>
<td>Barbara Beardslee</td>
<td>Bishop DeGoesbriand Hospital</td>
<td>Burlington, Vt.</td>
</tr>
<tr>
<td>Paul Cohen</td>
<td>St. Joseph's Hospital</td>
<td>Providence, R.I.</td>
</tr>
<tr>
<td>James Everett Crane</td>
<td>Stamford Hospital</td>
<td>Stamford, Conn.</td>
</tr>
<tr>
<td>Richard Barre Davis</td>
<td>Mary Fletcher Hospital</td>
<td>Burlington, Conn.</td>
</tr>
<tr>
<td>Amore Del Giudice</td>
<td>Vassar Brothers Hospital</td>
<td>Poughkeepsie, N.Y.</td>
</tr>
<tr>
<td>Raymond Carl Densmore</td>
<td>Stamford Hospital</td>
<td>Stamford, Conn.</td>
</tr>
<tr>
<td>William Bernard Ferriter</td>
<td>United Hospital</td>
<td>Port Chester, N.Y.</td>
</tr>
<tr>
<td>Herbert Edward Fitch, Jr.</td>
<td>St. Peter's Hospital</td>
<td>Albany, N.Y.</td>
</tr>
<tr>
<td>Thomas Gleason Fitzgerald</td>
<td>Vassar Brothers Hospital</td>
<td>Poughkeepsie, N.Y.</td>
</tr>
<tr>
<td>John Carl Greenan</td>
<td>Mary Fletcher Hospital</td>
<td>Burlington, Conn.</td>
</tr>
<tr>
<td>James Garfield Grimes, Jr.</td>
<td>Burbank Hospital</td>
<td>Fitchburg, Mass.</td>
</tr>
<tr>
<td>William Henry Heininger</td>
<td>Mary Fletcher Hospital</td>
<td>Burlington, Conn.</td>
</tr>
<tr>
<td>Clifton Dexter Howe</td>
<td>Harper Hospital</td>
<td>Detroit, Mich.</td>
</tr>
<tr>
<td>Linus James Leavens</td>
<td>Grace Hospital</td>
<td>New Haven, Conn.</td>
</tr>
<tr>
<td>Julius Richard Levin</td>
<td>Mary Fletcher Hospital</td>
<td>Burlington, Conn.</td>
</tr>
<tr>
<td>Hyman Bernard Levine</td>
<td>Lenox Hill Hospital</td>
<td>New York, N.Y.</td>
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<tr>
<td>John Van Sicklen Maecck</td>
<td>New Britain Hospital</td>
<td>New Britain, Conn.</td>
</tr>
<tr>
<td>Raymond George Mainer</td>
<td>Mary Fletcher Hospital</td>
<td>Burlington, Conn.</td>
</tr>
<tr>
<td>Roger Wendell Mann</td>
<td>Bishop DeGoesbriand Hospital</td>
<td>Burlington, Vt.</td>
</tr>
<tr>
<td>Abraham Jack Moskovitz</td>
<td>Lincoln Hospital</td>
<td>Bronx, New York, N.Y.</td>
</tr>
<tr>
<td>Belmont Stanley Musicant</td>
<td>Methodist Episcopal Hospital</td>
<td>Philadelphia, Pa</td>
</tr>
<tr>
<td>Robert Williston Nevin</td>
<td>Queen's General Hospital</td>
<td>Jamaica, L.I., N.Y.</td>
</tr>
<tr>
<td>Abraham Oppenheim</td>
<td>Bryn Mawr Hospital</td>
<td>Bryn Mawr, Pa.</td>
</tr>
<tr>
<td>Platt Rugar Powell</td>
<td>Vassar Brothers Hospital</td>
<td>Poughkeepsie, N.Y.</td>
</tr>
<tr>
<td>William Joseph Powers</td>
<td>Waterbury Hospital</td>
<td>Waterbury, Conn.</td>
</tr>
<tr>
<td>Burnett Sheldon Rawson</td>
<td>Grace Hospital</td>
<td>New Haven, Conn.</td>
</tr>
<tr>
<td>Albert Ira Robbins</td>
<td>Binghamton City Hospital</td>
<td>Binghamton, N.Y.</td>
</tr>
<tr>
<td>Jacob Frederick Rommel, Jr.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Richard Woodhull Rommel</td>
<td>Binghamton City Hospital</td>
<td>Binghamton, N.Y.</td>
</tr>
<tr>
<td>Charles Brush Rust</td>
<td>Worcester City Hospital</td>
<td>Worcester, Mass.</td>
</tr>
<tr>
<td>George Millar Sabin, Jr.</td>
<td>Salem Hospital</td>
<td>Salem, Mass.</td>
</tr>
<tr>
<td>Andrew Irving Ephriam Schildhaus</td>
<td>Bishop DeGoesbriand Hospital</td>
<td>Burlington, Vt.</td>
</tr>
<tr>
<td>Arthur Pierre Stebbins</td>
<td>Eastern Maine General Hospital</td>
<td>Bangor, Me.</td>
</tr>
<tr>
<td>Maurice James Walsh</td>
<td>St. Mary's Hospital</td>
<td>Hoboken, N.J.</td>
</tr>
<tr>
<td>Edwin Conrad Weinraub</td>
<td>Lawrence and Memorial Associated Hospitals</td>
<td>New London, Conn.</td>
</tr>
<tr>
<td></td>
<td>Metropolitan Hospital</td>
<td>New York, N.Y.</td>
</tr>
<tr>
<td>Bernard Weiss</td>
<td>New England Hospital for Women and Children</td>
<td>Roxbury, Boston, Mass.</td>
</tr>
<tr>
<td>Ruth Mitchell White</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
FOURTH YEAR:

Class of 1940

Howard Huntington Allen
Sidney Alpert, B.S.
Harry Joseph Antoniewicz, B.S.
Joseph Michael Baker, D.M.D.
Lewis Willard Barton, B.S.
Sanford Raphael Bloomenthal, B.S.
Joseph Thomas Bottamini, B.S.
John Harold Browe, A.B.
Burton Donald Bryan, A.B.
Roy Vehder Buckles, B.S.
Clarence Lucian Chester, B.S.
Paul Merrill Choate, B.S.
Howard Rawson Clement, B.S.
Raymond Thomas Cooney, B.S.
Kermit Stephen Dugan, B.S.
John Ralph Evans, Jr., B.S.
John Frederic Gowdey, B.S.
Harvey Pukey Grazier
Lois Miriam Hammond, B.S.
Max Harris, B.S.
Clarence Wayne Harwood, B.S.
Jay Edgar Keller
Roger Arthur Kenworthy, B.S.
Einar Albin Lundberg, B.S.
William Gordon MacDonald, B.S.
John Power Magner
Philip Gardner Merriam
Richard Vaughan Newcombe, B.S.
Russell Smith Page, Jr., A.B.
Frances Ellen Rowe, B.S.
William Ireland Shea, A.B.
Howard Whitcomb Stanley, B.S.
Frederick Whiting Timmerman, B.S.
Ransom Edward Tucker, B.S.
William Vilardo, B.S.
Harold Eugene Williamson, B.S.

Burlington

Greensboro

Nu Sigma Nu House

Lakewood, N. J.

197 N. Willard St.

Springfield

Fanny Allen Hospital

Brattleboro

16 Brookes Ave.

Lexington, Mass.

93 Buell St.

Burlington

350 North St.

Brandon

190 Loomis St.

Burlington

24 Booth St.

Montpelier

Mary Fletcher Hospital

Burlington

457 S. Willard St.

Cabot

20 Brookes Ave.

W. Barnewt

Alpha Tau Omega House

Newport

39 Brookes Ave.

Burlington

343 College St.

Newport Center

Kappa Sigma House

S. Orange, N. J.

Montpelier

Fanny Allen Hospital

Johnstown, Pa.

24 Grant St.

Burlington

121 N. Union St.

St. Albans

146 Mansfield Ave.

Rutland

20 Mansfield Ave.

Burlington

Fanny Allen Hospital

Middlebury

Nu Sigma Nu House

Proctor

40 Kingsland Ter.

Wilmington

Nu Sigma Nu House

W. Rutland

87 N. Prospect St.

Maidstone

190 Loomis St.

Burlington

98 N. Prospect St.

Hyde Park

Nu Sigma Nu House

Evaston, Ill.

355 S. Union St.

Burlington

26 Clarke St.

Colchester

Colchester

Morrisville

190 Loomis St.

Warren

190 Loomis St.

Garfield, N. J.

350 North St.

Bristol

455 Shelburne Rd.

THIRD YEAR:

Class of 1941

Clifford Clark Agnew, B.S.
Jed Allen, A.B.

Brattleboro

Nu Sigma Nu House

Burlington

164 N. Union St.
Renwick Keese Caldwell, B.S.
Rocco Cassone, B.S.
Clifford Tremaine Conklin, Jr., B.S.
William Stephen Dempsey, A.B.
Gino Aldo Dente
Harry Cary Halsted, A.B.
Myron Norman King, B.S.
Joey Walter Kingsley, Jr., B.S.
Harry Alton MacMillan, B.S.
Phoelus Demetrios Mamos, B.S.
Lyle John Monti, B.S.
Deane Fremont Mosher, B.S.
William Joseph Mulligan, A.B.
James Patrick O'Neil, B.S.
Victor Joseph Pisanelli
John Stephen Poizabur, B.S.
Henry Lewis Pratt, B.S.
Maurice Emerson Rowe, B.S.
Mary Helen Rowley, B.S.
Harry Richard Ryan, Jr.
Robert Newton Saxby, B.S.
Leo Schneller, B.S.
Leo Maurice Seltzer, A.B.
Bartlett Henry Stone, B.S.
Harry Berns Werner, B.S.
Geoffrey Paul Wiedeman, B.S.
Jack Wool, B.S.
John Thomas Wright, B.S.

SECOND YEAR:
Class of 1942

Bertrand Joel Andrews
Donald Louis Bashaw, B.S.
Paul Nocman Berry, B.S.
Myer Harold Boyarsky, B.S.
Peter Demosthenes Corsones, B.S.
John Alexander Davidson, A.B.
Otley Leland Dugan, Jr.
Robert Byron Dugan, B.S.
Frank Dayton Eddy, B.S.
Dean Harding Edson
Richard Francis Farrell, B.S.
Malcolm Wendt Finlayson
Christian Gronbeck, Jr., B.S.
Frank Edward Harrigan, B.S.

Burlington
Stamford, Conn.
Brandon
St. Albans
Barre
New York, N. Y.
Dorchester, Mass.
Burlington
Burlington
Plainfield
Burlington
Barre
Newport
Springfield, Mass.
Burlington
Rutland
Florence
Rutland
Barnet
Milton
Rutland
Morrisville
Woodside, L. I., N. Y.
Barre
White River Junction
Bronx, N. Y.
Burlington
Burlington
Waterbury

Middlebury
Winooksi
Richmond
Burlington
Rutland
St. Albans
Newport Center
Newport Center
Burlington
W. Lebanon, N. H.
Shelburne
Cleveland Heights, Ohio
E. Barnet
W. Hartford, Conn.

34 N. Williams St.
38 Bradley St.
96 Buell St.
Nu Sigma Nu House
63 Buell St.
101 Brooks Ave.
146 Mansfield Ave.
20 Isham St.
110 College St. 
Kappa Sigma House
169 Main St.
34 Buell St.
72 Greene St.
17 Wilson St.
272 Pearl St.
252 Pearl St.
163 Loomis St.
19 Booth St.
38 East Ave.
Milton
Nu Sigma Nu House
Delta Psi House
205 Kings St.
25 Brooks Ave.
19 Booth St.
92 Brecker Ave.
108 DeForest Rd.
275 S. Winooski Ave.
75 Grant St.

Woodside, L. I., N. Y.
Barre
White River Junction
Bronx, N. Y.
Burlington
Burlington

39 Brooks Ave.
Winooski
Richmond
Burlington
Rutland
St. Albans
Newport Center
Newport Center
Burlington
W. Lebanon, N. H.
Shelburne
Cleveland Heights, Ohio
E. Barnet
W. Hartford, Conn.

Winooksi
106 Loomis St.
81 Spring St.
165 Main St.
S. Burlington
S. Burlington
231 Maple St.
94 Loomis St.
163 Loomis St.
123 Loomis St.
123 Loomis St.
Delta Psi House
James Howard Kelleher, b.s.
John Edward Kennedy, b.s.
Avery Parsons King, b.s.
Emery Othello Lewis, b.s.
Leon Robert Lezer, b.s.
Robert Likovsky, b.s.
John Prentiss Lord, b.s.
Frederick Powers McIntyre, b.s.
Ernest Lee Mills, b.s.
George Bernard O'Connell, Jr., b.s.
Robert Graham Paterson, b.s.
Albert Francis Sny, Jr., b.s.
Edward Chapman Stannard, a.b.
Emest Philip Tomas, b.s.
Maurice Traunstein, Jr., b.s.
Horatio Paul Wakefield, b.s.
Charles Flagg Whitney, Jr., b.s.
Robert Lewis Whitney

Montpelier
Adams, Mass.
St. Albans
Montpelier
Websterville
Burlington
Brattleboro
Brandon
Burlington
Lewiston, Me.
E. Crafts bury
White River Junction
Fair Haven
Montpelier
Allston, Mass.
Burlington
Burlington
Essex Junction

FIRST YEAR:
Class of 1943
Charlotte Fairbanks Adams, a.b.
Paul John Audette
Maurice Flavian Beauchamp, b.s.
Leonard Joseph Bisaccia, b.s.
Clarence Halsall Brown
Lawrence John Cleveland, a.b.
Joseph William Connelly, b.s.
Ralph Leslie Cudlipp, Jr.
Seymour Saul Cutler, b.s.
Lloyd George Davie
Stillman George Davis, Jr., b.s.
Harland Martin Deos, a.b.
James Curtis Giddings, b.s.
Walter Martin Glass, b.s.
William Mead Griffin
Richard Berry Hadley, a.b.
John Alexander Hunter, Jr., b.s.
Paul Calvin Jenks
Robert Ellis Johnstone
Barbara Elizabeth Jones, b.s.
Norman Kaml er, b.s.
Murray Newman Levin, b.s.
John Thompson Prior, b.s.
Harry Morrison Rowe, b.s.
Edward Joseph Sennett, Ph.B.
Paul McLachin Stoddard

Burlington
119 Spruce St.
Burlington
50 S. Willard St.
Rutland
64 N. Prospect St.
New Hartford, Conn.
28 Williams St.
Rutland
52 N. Prospect St.
Northfield
234 Pearl St.
Albany, N. Y.
17 Wilson St.
Fort Ethan Allen
Brooklyn, N. Y.
123 Loomis St.
Bath, Me.
51 Brookes Ave.
Nashua, N. H.
28 Williams St.
Lyndonville
72 Greene St.
New Haven, Conn.
163 Loomis St.
Burlington
21 Loomis St.
Hackensack, N. J.
102 Summit St.
Bellows Falls
10 S. Willard St.
Dover, N. H.
102 Summit St.
Burlington
88 N. Prospect St.
Burlington
140 N. Prospect St.
Burlington
16 S. Winooski Ave.
Burlington
410 S. Winooski Ave.
Burlington
166 Loomis St.
St. Albans
28 Williams St.
Barne
25 Brookes Ave.
Poultney
49 S. Winooski Ave.
Groton
60 Colchester Ave.
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; Earl L. Waterman, 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.

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, and tourist houses, abatement of nuisances, educational work against tuberculosis, control of venereal diseases, research and after-care of infantile paralysis cases, and registration of vital statistics. New and commodious offices have been provided in a building owned by the University of Vermont and adjacent to the College of Medicine.

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

The State Board of Health is intimately connected with the College of Medicine of the University, the Secretary, Doctor Dalton, being Professor of Hygiene and Preventive Medicine, while the Director of the Laboratory of Hygiene, Doctor Whitney, is Professor of Toxicology and Physiological Chemistry, C. P. Moat, Sanitary Chemist of the Board, is Assistant Professor of Hygiene in the College, and Doctor Clark, Director of the Maternal and Child Health Division, is Assistant Professor of Pediatrics.
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)

THE OSLER CLINICAL SOCIETY

The Osler Clinical Society, which was organized in 1932, 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 officers for 1939-40 are:

President: P. G. Merriam, '40
Vice-President: J. W. Kingsley, Jr., '41
Secretary: R. K. Caldwell, '41
Treasurer: H. C. Halsted, '41

CLASS GROUP COUNCILS

Class of 1940
P. M. Choate
R. T. Cooney
J. E. Keller
E. A. Lundberg

Class of 1941
C. C. Agnew
W. J. Mulligan
M. E. Rowe
B. H. Stone

Class of 1942
R. B. Dugan
F. E. Harrigan
A. P. King
R. G. Paterson

Class of 1943
Charlotte F. Adams
J. C. Giddings
J. A. Hunter, Jr.
R. E. Johnstone
OFFICERS OF THE U. V. M. MEDICAL ALUMNI ASSOCIATION—1939

President—Dr. W. W. Ferrin, ’04, Haverhill, Mass.
Vice-President—Dr. G. A. MacIver, ’08, Worcester, Mass.
Second Vice-President—Dr. D. J. Roberts, ’16, Hartford, Conn.
Third Vice-President—Dr. D. M. Bosworth, ’18, New York, N. Y.
Fourth Vice-President—Dr. F. P. Dwinell, ’19, Bradford
Fifth Vice-President—Dr. G. E. Young, ’15, Skowhegan, Me.
Secretary-Treasurer—Dr. P. P. Lawlor, ’20, Burlington
Executive Committee—Dr. M. D. Archambeault, ’36, Essex Junction; Dr. H. E. Medivetsky, ’32, Burlington; Dr. L. G. Thabault, ’30, Winooski
Obituary Committee—Dr. T. S. Brown, ’04, Burlington; Dr. F. J. Lawliss, ’23, Richford; Dr. C. A. Newhall, ’28, Burlington