

CITATION: New York University and Bellevue Hospital Medical College
Announcements, [years]. The Lillian and Clarence de la Chapelle Medical Archives,
NYU Health Sciences Libraries.

VOL. XXIV

APRIL 26, 1924

NO. 12

NEW YORK UNIVERSITY BULLETIN

UNIVERSITY AND BELLEVUE HOSPITAL MEDICAL COLLEGE



COPYRIGHT STATEMENT: Reproductions are provided for private study, scholarship, and research uses only, in accordance with the Copyright law (Title 17, United States Code). Reproductions are the sole and exclusive property of The Lillian and Clarence de la Chapelle Medical Archives at NYU and may not be reproduced in any fashion or used for any purpose other than private scholarship without the express written consent of The Lillian and Clarence de la Chapelle Medical Archives at NYU.

ANNOUNCEMENTS FOR THE YEAR

1924-1925

SESSION OPENS SEPTEMBER 17, 1924

EMORY UNIVERSITY
THE A. W. CALHOUN MEDICAL LIBRARY

NEW YORK UNIVERSITY
ARCHIVES
SCHOOL OF MEDICINE

Published Monthly, December-February
Weekly, March-May

OFFICE OF PUBLICATION
BRADFORD ROAD, MOUNT VERNON, N. Y.

Editorial Office
University Building, Washington Square
New York

Entered at the Post Office, MOUNT VERNON, NEW YORK, as
second class matter under the Act of August 24, 1912.
Application pending for mailing at special rate of
postage provided for in section 1103,
Act of October 3, 1917.

The College Book Room

The textbooks used in the different courses change from year to year. Books recommended may be obtained in the college book room which is run for the convenience of the students. The proceeds from the sale of books are applied to the library fund and are used for the purchase of books of reference for the use of the faculty and students.

Correspondence

It would be to the advantage of students if they would register a few days in advance of the opening exercises, secure boarding places, and purchase books, so that their studies may not be interrupted in the beginning. The office is open daily from 9 a. m. to 5 p. m.

Letters requesting information should be addressed to

JOHN WYCKOFF, M.D., Secretary
University and Bellevue Hospital Medical College
338 East 26th Street, New York, N. Y.

Board

Information as to board may be obtained from the secretary of the Intercollegiate Young Men's Christian Association, 2 West 45th Street, New York, N. Y.

ARCHIVES
001
A
1924-25c

NEW YORK UNIVERSITY

UNIVERSITY AND BELLEVUE
HOSPITAL MEDICAL COLLEGE

BULLETIN SERIES

VOLUME XXIV, No. 12, DATED APRIL 26, 1924

ARCHIVES
100
A
26-1591

INDEX OF CONTENTS

	PAGE
ADMISSION REQUIREMENTS	40
ADVANCED STANDING	43
ADVANCEMENT IN COURSE, REQUIREMENTS FOR	44
ALUMNI ASSOCIATION	102
BELLEVUE HOSPITAL	32
BOARD	cover 2
CALENDAR	4
CARNEGIE LABORATORY	29
CLINICAL FACILITIES	32
COLLEGE BOOK ROOM	cover 2
COLLEGE BUILDINGS	28
COLLEGE CLINIC	22, 31
CORRESPONDENCE	cover 2
CORRESPONDENCE COURSE IN PUBLIC HEALTH	82
Residence Week	82
Examinations	82
Fees	83
COURSES OF STUDY	51
Anatomy	55
Applied Pathology and Clinical Microscopy	62
Bacteriology and Hygiene	63
Chemistry	58
Dermatology and Syphilology	77
Gynecology	73
Laryngology and Rhinology	79
Medicine	64
Military Science and Tactics	53
Neurology	75
Obstetrics	71
Ophthalmology	76
Otology	78
Pathology	61
Pediatrics	74
Pharmacology	59
Physiology	56
Psychiatry	75
Roentgenology	70
Surgery	67
Therapeutics	60
EDWARD N. GIBBS MEMORIAL X RAY LABORATORY	33
ELECTROCARDIOGRAPHIC DEPARTMENT	33

ARCHIVES

001

.A

1924-25a

	PAGE
EXAMINATION RULES	46
FACULTY	8
FEES	47
Regular Students	47
Special Students	50
Public Health and Sanitation	81
Correspondence Course	82
GRADUATE COURSES	83
Anatomy	83
Bacteriology	86
Chemistry	83
Clinical Pathology	84
Experimental Surgery	85
Pathology	84
Pharmacology and Applied Therapeutics	83
Physiology	84
Surgery	85
GRADUATION, REQUIREMENTS FOR	47
HERTER LECTURESHIP ON PATHOLOGICAL CHEMISTRY	80
HEYER RECOVERY WARD	32
HOSPITAL APPOINTMENTS	87
HYGIENE AND PUBLIC HEALTH, LABORATORY FOR	30
MATRICULATION	43
MEDICAL EXAMINATIONS	89
METABOLISM CLINIC	22
NEW YORK UNIVERSITY	6
PUBLIC HEALTH AND SANITATION	80
PRIZES	87
SCHOLARSHIPS	88
STUDENTS, 1923-1924	90
SUMMARY OF STUDIES	52
SPECIAL COURSES	80
UNIVERSITY AND BELLEVUE HOSPITAL MEDICAL COLLEGE	28

New York University

New York University is a non-sectarian institution, supported by endowments contributed by private individuals and organizations, and by the income from tuition fees. Because of its name, New York University is frequently confused with the College of the City of New York, a municipally supported institution, and with the University of the State of New York, which is another name for the New York State Department of Education.

The University was chartered in 1831. It is governed by a self-perpetuating Council of thirty-two members, of which the Rev. George Alexander, D.D., of New York, is president.

There are now under the control of New York University ten degree conferring schools and colleges, located in four centers in the city of New York. At Washington Square, the original seat of the University, in the midst of the city's business center, are the three professional schools of commerce, law, and education; an academic college (Washington Square College) which conducts its work in close affiliation with the professional schools; and a graduate school, offering advanced degrees in arts and sciences.

At University Heights, on a spacious campus about eight miles from Times Square, are the buildings of the College of Arts and Pure Science, which offers a standard academic college course, and of the College of Engineering.

The offices of general administration are also located at Washington Square. These schools and offices occupy over 200,000 square feet of floor space in the greater part of two large buildings.

The medical college (University and Bellevue Hospital Medical College) is located at the corner of First Avenue and East Twenty-sixth Street, very near Bellevue Hospital.

In a building at 90 Trinity Place, formerly used by the Trinity School, just behind Trinity Church, which stands at the head of Wall Street, is housed the Graduate School of Business Administration, offering advanced work in business and commercial subjects, and the Wall Street Division of the School of Commerce.

The following are the officers of general administration:

Officers of Administration of the University

ELMER ELLSWORTH BROWN, PH.D., LL.D.

Chancellor

LEROY ELWOOD KIMBALL, A.M.

Bursar

MILTON EARLY LOOMIS, A.M.

Registrar

MARSHALL STEWART BROWN, A.M.

Dean of the Faculties

Officers of Administration of the University and Bellevue Hospital Medical College

SAMUEL ALBERTUS BROWN, M.D.

Dean

JOHN WYCKOFF, M.D.

Secretary

CÉCILE J. NOQUÉ

Secretary to the Dean

Faculty of the University and Bellevue Hospital
Medical College

THEODORE JACOB ABBOTT

Clinical Professor of Medicine

A.B., Harvard; M.D., Columbia
Visiting Physician, Bellevue Hospital

ISADOR ABRAHAMSON

Clinical Professor of Neurology

Sc.B., College of the City of New York; M.D., Columbia; F.R.M.S.
Attending Neurologist, Montefiore Hospital; Consulting Neurologist, Jewish Hospital, Brooklyn; Associate Neurologist, Mt. Sinai Hospital

WILLIAM HOWARD BARBER

Clinical Professor of Surgery

A.B., M.D., Columbia; F.A.C.S.
In charge of the Laboratory of Experimental Surgery; Assistant Visiting Surgeon, Bellevue Hospital

JOHN THOMAS JOSEPH BIRD

Clinical Professor of Medicine

Sc.B., Columbia; M.D., New York
Consulting Physician, Harlem Hospital

SIMON RISEFELD BLATEIS

Clinical Professor of Medicine

M.D., New York
Consulting Pathologist and Attending Physician, Jewish Hospital, Brooklyn

ERNEST FRITIOF BOSTROM

Assistant Professor of Physiology

A.B., Minnesota; Ph.D., New York

STANLEY BRADY

Clinical Professor of Pediatrics

A.B., Georgetown; M.D., Columbia
Visiting Physician, New York Foundling Hospital

HARLOW BROOKS

Professor of Clinical Medicine

M.D., Michigan
Visiting Physician, City Hospital; Consulting Physician, Montefiore, Ossining, Greenwich, Beth Israel, Union, French, Hackensack, Mt. Vernon, St. Johns (Yonkers), and Beth Israel (Newark) Hospitals

SAMUEL ALBERTUS BROWN

Dean; Professor of Therapeutics

M.D., New York
Visiting Physician, Bellevue Hospital; Consulting Physician, French Hospital, New Rochelle, New York State Hospital for Crippled Children, Hackensack, North Hudson, Monmouth County, and Rockaway Hospitals

CARL GOODWIN BURDICK

Clinical Professor of Surgery

M.D., Columbia; F.A.C.S.
Visiting Surgeon in charge of Children's Service, Bellevue Hospital; Associate Surgeon, Hospital for Ruptured and Crippled; Attending Surgeon, Knickerbocker Hospital; Consulting Surgeon, New York Woman's Infirmary

MEDICAL COLLEGE

ROBERT JAMES CARLISLE

Professor of Medicine

M.D., New York
Director of Medical Service and Visiting Physician, Bellevue Hospital

HENRY CLARK COE

Emeritus Professor of Gynecology

A.B., A.M., Yale; M.D., Harvard; M.D., Columbia; M.R.C.S.
Consulting Gynecologist, Bellevue, Woman's, General Memorial, and Beth Israel Hospitals

WARREN COLEMAN

Assistant Professor of Medicine

A.B., A.M., Kentucky; M.D., New York
Visiting Physician, Bellevue Hospital

CHARLES FARNHAM COLLINS

Clinical Professor of Pediatrics

A.B., Yale; M.D., Columbia
Pediatrist, St. Luke's Hospital; Physician, Presbyterian Home for the Aged

CHARLES GOODLIFFE DARLINGTON

Assistant Professor of Pathology

M.D., Medico-Chirurgical College of Philadelphia
Pathologist, St. Vincent's Hospital; Assistant Pathologist, New York Foundling Hospital

EDWARD BRADFORD DENCH

Professor of Otolaryngology

Ph.B., Yale; M.D., Columbia; F.A.C.S.
Attending Otolaryngological Surgeon, New York Eye and Ear Infirmary; Consulting and Attending Otolaryngologist, St. Luke's Hospital; Consulting Otolaryngologist, New York Neurological Institute, and the New York Orthopedic Dispensary and Hospital

RALPH GODWIN DEVOE

Professor of Military Science and Tactics

M.D., Pennsylvania
Major, Medical Corps, U. S. A.

JOHN DOUGLAS

Clinical Professor of Surgery

Sc.B., College of the City of New York; M.D., Columbia; F.A.C.S.
Visiting Surgeon, Bellevue Hospital; Surgical Director, Knickerbocker Hospital; Associate Visiting Surgeon, St. Luke's Hospital

CHARLES BATES DUNLAP

Professor of Neuropathology

A.M., M.D., Harvard
Chief Associate in Neuropathology, New York State Psychiatric Institute

MAURICE FISHBERG

Clinical Professor of Medicine

M.D., New York
Chief of Tuberculosis Service, Montefiore Hospital, Bedford Hills Sanatorium for Incipient Tuberculosis; Attending Physician, Hospital for Joint Diseases

EDWARD DIX FISHER

Professor of Neurology

A.B., College of the City of New York; M.D., New York
Alienist and Neurologist, Bellevue Hospital; Consulting Neurologist, St. Vincent's, Manhattan State, and Flushing Hospitals

NEW YORK UNIVERSITY

EDWIN HOWE FISKE

Clinical Professor of Surgery

A.M., St. Francis Xavier College; M.D., Long Island College Hospital
Attending Surgeon, Kings County and Holy Family Hospitals, Brooklyn

AUSTIN FLINT

Professor of Obstetrics

M.D., New York; A.M. (Hon.), Princeton; F.A.C.S.
Consulting Obstetrician, Bellevue Hospital; Consulting Surgeon, Woman's Hospital;
Visiting Obstetrician, Manhattan Maternity Hospital and Dispensary; Consulting
Gynecologist, Hospital for Ruptured and Crippled; Surgeon in Chief, Gynecological
Division, St. Bartholomew's Hospital

WILLIAM MILLER FORD

Clinical Professor of Obstetrics

M.D., Virginia; F.A.C.S.
Consulting Gynecologist, Hospital for Ruptured and Crippled; Visiting Surgeon,
St. Vincent's Hospital; Attending Surgeon, Manhattan Maternity Hospital;
Attending Gynecologist, St. Bartholomew's Hospital

ALEXANDER FRASER

Professor of Pathological Histology

A.B., M.D., C.M., Dalhousie
Pathologist to St. Vincent's, New York Foundling, Manhattan Maternity and Mon-
mouth Memorial Hospitals

ROWLAND GODFREY FREEMAN

Professor of Pediatrics

A.B., M.D., Columbia
Pediatrist, Roosevelt Hospital

ALEXANDER OSCAR GETTLER

Associate Professor of Chemistry; Lecturer on Toxicology

Sc.B., College of the City of New York; A.M., Ph.D., Columbia
Pathological Chemist, Bellevue Hospital; Consulting Chemist, French Hospital

JOSEPH HAIM GLOBUS

Assistant Professor of Neuro-Anatomy

Sc.B., Columbia; M.D., Cornell
Adjunct Attending Neurologist, Mt. Sinai Hospital; Visiting Neurologist, Randall's
Latchworth Village

CHARLES GOODMAN

Clinical Professor of Surgery

M.D., Western Reserve; F.A.C.S.
Attending Surgeon, Beth Israel and Montefiore Hospitals; Associate Surgeon, Broad
Street Hospital and Polyclinic Hospital

ONSLow ALLEN GORDON, JR.

Clinical Professor of Gynecology

M.D., Long Island College Hospital; F.A.C.S.
Assistant Visiting Gynecologist, Bellevue Hospital; Associate Surgeon, St. Mary's
Hospital, Brooklyn; Obstetrician, Carson C. Peck Memorial Hospital

MENAS SARKAS GREGORY

Professor of Psychiatry

M.D., Albany Medical College
Chief Alienist and Director, Psychopathic Department, Bellevue Hospital; Consult-
ing Psychiatrist, Neurological Institute

[10]

MEDICAL COLLEGE

WINFRED MORGAN HARTSHORN

Clinical Professor of Pediatrics

A.B., Yale; M.D., Columbia
Junior Pediatrician, Roosevelt Hospital; Assistant Attending Pediatrician, Fifth
Avenue Hospital; Attending Physician and Secretary of Medical Board, Seaside
Hospital, St. John's Guild; Medical Officer, New York Society for Prevention of
Cruelty to Children

HERMAN ARTHUR HAUBOLD

Clinical Professor of Surgery

M.D., New York
Visiting Surgeon, Harlem Hospital; Consulting Surgeon, Broad Street, Nassau,
Mineola, and Memorial (New London) Hospitals

ALFRED FABIAN HESS

Clinical Professor of Pediatrics

A.B., Harvard; M.D., Columbia
Attending Pediatrist, Beth Israel Hospital; Visiting Physician, Home for Hebrew
Infants

FREDERICK CLARK HOLDEN

Professor of Gynecology

M.D., New York; F.A.C.S.
Director of Gynecological Service, Bellevue Hospital; Attending Gynecologist, New
York Nursery and Child's Hospital; Chief Obstetrician and Gynecologist, Browns-
ville and East New York Hospitals

LEE MAIDMENT HURD

Professor of Laryngology

M.D., Columbia; F.A.C.S.
Attending Laryngologist, Fifth Avenue Hospital

HOLMES CONDUCT JACKSON

Professor of Physiology

Ph.B., Ph.D., Yale
Director of the Laboratory of Physiology

CHARLES KRUMWIEDE

Associate Professor of Bacteriology and Hygiene

A.B., M.D., Columbia
Assistant Director, Bureau of Laboratories, Department of Health, City of New York

SYLVESTER R. LEAHY

Clinical Professor of Psychiatry

A.M., Fordham; M.D., Yale
Attending Neurologist, Holy Family and St. Peter's Hospitals; Consulting Neurol-
ogist, Brooklyn State and Kings Park Hospitals; Director of Mental Clinic, Catholic
Charities, St. Vincent's Hospital

ISAAC LEVIN

Clinical Professor of Cancer Research

M.D., Military Medical Academy, Petrograd
Director, New York City Cancer Institute; Chief of the Cancer Division, Montefiore
Hospital; Chief of the Radiotherapy Division, St. Bartholomew's Hospital; Con-
sulting Radiotherapeutist, Lebanon Hospital

LEON THEODORE LEWALD

Professor of Roentgenology

M.D., Columbia; F.A.C.P.
Director of the Edward N. Gibbs Memorial X Ray Laboratory; Consulting Roent-
genologist, Vassar, Willard Parker, and Muhlenberg Hospitals; Consulting Roent-
genologist, United States Veterans' Bureau

[11]

NEW YORK UNIVERSITY

WILLIAM CHITTENDEN LUSK

Professor of Clinical Surgery

A.B., Yale; M.D., New York

Visiting Surgeon, Bellevue Hospital; Consulting Surgeon, St. Vincent's Hospital;
Consulting Surgeon on Rectal Diseases, Manhattan State Hospital

JOHN MCCOY

Clinical Professor of Laryngology

M.D., Columbia

Attending Surgeon in Otolaryngology, Rhinology, and Laryngology, New York Eye and Ear
Infirmary

CARLOS FREDERICK MACDONALD

Emeritus Professor of Mental Diseases and Medical Jurisprudence

A.M. (Hon.), Union; M.D., LL.D., New York

Consulting Physician, Manhattan State Hospital; Consulting Alienist, Hackensack
City Hospital, New Jersey

LUTHER BURNS MACKENZIE

Clinical Professor of Medicine

A.B., Dalhousie; M.D., New York

Assistant Visiting Physician, Bellevue Hospital

ARTHUR RUDOLPH MANDEL

Professor of Clinical Pathology

M.D., New York

Visiting Physician and Clinical Pathologist, St. Vincent's Hospital

JOHN ALFRED MANDEL

Professor of Chemistry

Sc.D., New York

Director of the Laboratory of Chemistry

MORRIS MANGES

Clinical Professor of Medicine

A.B., A.M., College of the City of New York; M.D., Columbia

Attending Physician, Mt. Sinai Hospital

ALFRED MEYER

Clinical Professor of Medicine

A.B., M.D., Columbia

Consulting Physician, Mt. Sinai Hospital, Montefiore Hospital for Chronic Invalids,
and National Jewish Hospital for Consumptives (Denver)

HAROLD RUCKMAN MIXSELL

Clinical Professor of Pediatrics

A.B., Princeton; M.D., Columbia

Attending Physician, Willard Parker Hospital; Consulting Pediatrician, New York Skin
and Cancer Hospital; Associate Visiting Pediatrician, City Hospital

JAMES FRANKLIN NAGLE

Clinical Professor of Medicine

M.D., New York

Assistant Visiting Physician, Bellevue and St. Vincent's Hospitals; Visiting Physi-
cian, Hospital for Ruptured and Crippled; Consulting Physician, Manhattan
Maternity Hospital

PHILIP WILLIAM NATHAN

Clinical Professor of Orthopedic Surgery

M.D., New York

Attending Orthopedic Surgeon, Mt. Sinai, Montefiore and Beth Israel Hospitals

[12]

MEDICAL COLLEGE

LEWIS KNODE NEFF

Clinical Professor of Medicine

M.D., New York

Director, Medical Services, Harlem Hospital; Visiting Physician, Park Hospital

WILLIS CLARKE NOBLE, JR.

Assistant Professor of Bacteriology

Ph.B., Ph.D., Yale

WILLIAM PERRY NORTHRUP

Emeritus Professor of Pediatrics

A.B., A.M., Hamilton; M.D., Columbia; LL.D., Knox

Consulting Physician, Presbyterian and Willard Parker Hospitals

ALFRED TOWNSEND OSGOOD

Professor of Genito-Urinary Surgery

A.B., Yale; M.D., Columbia; F.A.C.S.

Associate Visiting Urologist, Bellevue Hospital; Consulting Urologist, French, Plain-
field and Bronxville Hospitals

WILLIAM HALLOCK PARK

Professor of Bacteriology and Hygiene

A.B., College of the City of New York; M.D., Columbia; LL.D., Queen's

Director of the Bureau of Laboratories, Department of Health, City of New York;
Attending Bacteriologist, Willard Parker Hospital

EMIL JOHN PELLINI

Associate Professor of Pharmacology

M.D., New York

JOHN WILLIAM PERILLI

Clinical Professor of Surgery

M.D., Baltimore

Associate Surgeon, Broad Street Hospital and New York Cancer Institute

CHARLES EDWIN PERKINS

Clinical Professor of Otolaryngology

M.D., Columbia; F.A.C.S.

Associate Aural Surgeon, St. Luke's Hospital; Surgeon, New York Eye and Ear
Infirmary

PROVISO V PREWITT

Associate Professor of Physiology

A.B., A.M., Missouri; M.D., Sc.D., New York

WILLIAM JOSEPH PULLEY

Clinical Professor of Medicine

M.D., New York

Visiting Physician, Riverside Hospital; Assistant Visiting Physician, Bellevue Hos-
pital; Medical Superintendent, University and Bellevue Hospital Medical College
Dispensary and Clinic

FREDERICK WALTER RICE

Associate Professor of Obstetrics

A.B., Holy Cross; M.D., Columbia

Visiting Obstetrician, Bellevue Hospital; Assistant Attending Surgeon, Manhattan
Maternity Hospital; Assistant Attending Gynecologist, St. Bartholomew's Hospital

BEVERLEY ROBINSON

Emeritus Clinical Professor of Medicine

A.B., Pennsylvania; M.D., Paris

[13]

NEW YORK UNIVERSITY

JOHN JOSEPH ROTHWELL

Clinical Professor of Dermatology and Syphilology

M.D., New York

Assistant Visiting Dermatologist, Bellevue Hospital; Dermatologist, New York Foundling Hospital

REGINALD HALL SAYRE

Professor of Orthopedic Surgery

A.B., Columbia; M.D., New York; F.A.C.S.

Consulting Surgeon, St. Vincent's Hospital, Hospital for Joint Diseases, Hackensack Hospital, Hospital for Crippled Children (Newark), Mountainside Hospital (Montclair), Flushing Hospital, and New York State Orthopedic Hospital; Assistant Visiting Surgeon, Bellevue Hospital

HAROLD DICKINSON SENIOR

Professor of Anatomy

M.D., Durham; Sc.D. (Hon.), Syracuse; F.R.C.S.

Director of the Laboratories of Anatomy and Histology

EDMUND PENDLETON SHELBY

Clinical Professor of Medicine

A.B., A.M., Kentucky; M.D., New York

Visiting Physician, City Hospital

BERTRAM GARNER SMITH

Associate Professor of Anatomy

A.B., Michigan; Ph.D., Columbia

THOMAS ALLISON SMITH

Clinical Professor of Surgery

M.D., Columbia; F.A.C.S.

Director of Surgical Service, Fourth Division, Bellevue Hospital; Attending Surgeon, Willard Parker Hospital; Consulting Surgeon, Knickerbocker and Stamford Hospitals

ALEXANDER RAYMOND STEVENS

Clinical Professor of Genito-Urinary Surgery

A.B., M.D., Johns Hopkins

Assistant Genito-Urinary Surgeon, Bellevue Hospital; Attending Urologist, Pediatric Service, Nursery and Child's Hospital; Consulting Urologist, Somerset Hospital, Somerville, N.J.

GEORGE DAVID STEWART

Professor of Surgery

M.D., LL.D., New York; F.A.C.S.

Director of Surgical Service, Third Division, Bellevue Hospital; Visiting Surgeon, St. Vincent's Hospital; Consulting Surgeon, Englewood and Beth Israel Hospitals

DOUGLAS SYMMERS

Professor of Gross Pathology

M.D., Jefferson Medical College

Director of Laboratories, Bellevue and Allied Hospitals

WILLIAM BURWELL TRIMBLE

Professor of Dermatology and Syphilology

M.D., New York

Director of Dermatology and Syphilology, Bellevue Hospital

ROBERT PELTON WADHAMS

Clinical Professor of Surgery

Ph.B., Yale; M.D., New York, F.A.C.S.

Assistant Visiting Surgeon, Bellevue Hospital; Consulting Surgeon, Torrington Hospital, Connecticut

[14]

MEDICAL COLLEGE

CHARLES WHEELER WALKER

Clinical Professor of Surgery

Sc.B., M.D., New York

In charge of the Department of Operative Surgery; Consulting Surgeon, United Hospital, Port Chester

GEORGE BARCLAY WALLACE

Professor of Pharmacology

M.D., Michigan

Assistant Visiting Physician, Bellevue Hospital

HENRY WEITZELL WANDLESS

Clinical Professor of Ophthalmology

M.D., College of Physicians and Surgeons, Baltimore

Consulting Ophthalmologist, Mercy Hospital, Hempstead, L.I.

JOHN ELMER WEEKS

Emeritus Professor of Ophthalmology

M.D., Sc.D. (Hon.), Michigan, LL.D., New York

JOHN MARTIN WHEELER

Professor of Ophthalmology

A.B., Sc.M., M.D., Vermont, F.A.C.S.

Ophthalmic Surgeon, New York Eye and Ear Infirmary

*ROBERT JUSTICE WILSON

Associate Professor of Bacteriology and Hygiene

Sc.B., Oregon Agricultural College; M.D., New York

Director, Bureau of Hospitals, Department of Health, City of New York

ARTHUR MULLIN WRIGHT

Associate Professor of Surgery

A.B., M.D., Cornell; F.A.C.S.

Visiting Surgeon, Bellevue and St. Vincent's Hospitals

JOHN WYCKOFF

Clinical Professor of Medicine

M.D., New York; A.M. (Hon.), Rutgers

Assistant Visiting Physician, Bellevue Hospital; Consulting Physician, St. John's Hospital, Long Island City

ABRAHAM ZINGHER

Assistant Professor of Hygiene

M.D., Cornell; D.P.H., New York

Assistant Director, Bureau of Laboratories, Department of Health, City of New York; Attending Physician, Willard Parker Hospital

Lecturers

SARA JOSEPHINE BAKER

Hygiene

M.D., Women's Medical College; D.P.H., New York

Consulting Director, Children's Bureau, United States Department of Labor

DAVID HARRY BARASH

Medicine

M.D., Long Island College Hospital

Assistant Visiting Physician, Riverside Hospital

*On leave of absence.

[15]

NEW YORK UNIVERSITY

JOSEPH COLEMAN

Laryngology

M.D., Maryland
Assistant Surgeon, Ear Department, New York Eye and Ear Infirmary; Surgeon, Ear,
Nose and Throat Department, Beekman Street Hospital

JOHN FRANK FRASER

Pathology

M.D., New York

FREDERICK CLARENCE FREED

Obstetrics

M.D., Jefferson Medical College
Assistant Visiting Obstetrician, Bellevue Hospital; Assistant Attending Obstetrician,
Nursery and Child's Hospital; Assistant Attending Gynecologist, St. Bartholomew's
Hospital; Adjunct Assistant Attending Obstetrician, Manhattan Maternity Hospital

EMANUEL DAVID FRIEDMAN

Neuropathology

Sc.B., College of the City of New York; M.D., New York
Adjunct Neurologist, Mt. Sinai Hospital; Assistant Visiting Neurologist, Bellevue
Hospital; Attending Neurologist, United Israel Zion Hospital

HUBERT VIVIAN GUILÉ

Medicine

Sc.B., Princeton; M.D., Columbia
Assistant Visiting Physician, Bellevue Hospital; Consulting Internist, Manhattan
Maternity Hospital

WILLIAM HENRY GUILFOY

Hygiene

Sc.B., College of the City of New York; M.D., D.P.H., New York

CLEMENT JACOB HALPERIN

Dermatology and Syphilology

M.D., New York

LOUIS ISRAEL HARRIS

Hygiene

M.D., Columbia; D.P.H., New York
Director, Bureau of Preventable Diseases, Department of Health, City of New York

DAVID EDWARD HOAG

Nervous and Mental Diseases

D.D.S., M.D., Maryland
Adjunct Attending Neurologist, City Hospital; Attending Neurologist, New York
Post Graduate Hospital; Consulting Neurologist and Chief of Clinic, West Side
Hospital; Visiting Physician, New York Polyclinic Hospital

EDWIN WILSON HOLLADAY

Gynecology

A.B., M.D., Virginia; F.A.C.S.
Assistant Visiting Gynecologist, Bellevue Hospital; Assistant Visiting Obstetrician
and Gynecologist, New York Nursery and Child's Hospital

ARTHUR JOHN HUEY

Laryngology

M.D., New York
Consulting Laryngologist and Otologist, United States Public Health Service, and
Veterans' Hospital No. 81

MEDICAL COLLEGE

WESTLEY MARSHALL HUNT

Otology

Sc.B., M.D., Dartmouth; F.A.C.S.
Associate Attending Laryngologist and Assistant Attending Otologist, St. Luke's
Hospital; Consulting Oto-Laryngologist, Staten Island Hospital; Attending Laryn-
gologist, Fifth Avenue Hospital

ALFRED JOHNSON

Surgery

M.D., Durham, F.R.C.S.

ARTHUR GAETANO KEANE

Surgery

M.D., New York

GASTON LABAT

Regional Anesthesia

M.D., Paris

LOUIS CHARLES LANGE

Surgery

M.D., New York

EDWARD SHEARMAN MCSWEENEY

*Rest-Home and Sanatorium Treatment with Special Reference to Tu-
berculosis*

M.D., D.P.H., New York
Visiting Physician, Stony Wold Sanatorium, Lake Kushaqua, N. Y.; Workmen's
Circle Sanatorium, Liberty, N. Y.; St. John's Hospital, Long Island City;
Medical Director, New York Telephone Company

EDWARD HARVEY MARSH

Hygiene

M.D., Cornell
Consulting Dermatologist, Nyack and Huntington Hospitals; Secretary, New York
State Department of Health; Secretary, Public Health Council, New York State

GEORGE O'HANLON

Hospital Organization and Administration

M.D., Columbia
General Medical Superintendent, Bellevue and Allied Hospitals

ANDREW J. PROVOST, JR.

Hygiene and Sanitation

C.E., Columbia

WILLIAM ARCHER PURRINGTON

Law in Relation to Medical Practice

A.B., Harvard; LL.B., LL.M., George Washington; LL.B., New York

EDWARD SHERRARD RIMER

Pediatrics

M.D., New York
Consulting Pediatricist, St. Vincent's Hospital, Staten Island, N. Y.; Assistant Pedia-
trist, Roosevelt Hospital; Attending Physician, Floating Hospital, St. John's Guild;
Consulting Physician, Home for Seamen's Children

EUGENE FAIRCHILD RUSSELL

Life Insurance Medicine

A.B., M.D., New York

NEW YORK UNIVERSITY

MAY CATHERINE SCHROEDER

Hygiene

M.D., Women's Medical College

WILLIAM STEINACH

Nervous Diseases

A.B., College of the City of New York; M.D., Columbia
Visiting Neurologist, City Hospital; Assistant Alienist, Bellevue Hospital

LEIGH FRANCIS STURGES

Laryngology and Rhinology

M.D., New York
Associate Surgeon, Nose and Throat Department, New York Post-Graduate Hospital

MILLS STURTEVANT

Medicine

A.B., Dartmouth; M.D., Columbia
Adjunct Assistant Visiting Physician, Bellevue Hospital

CORNELIUS JOHN TYSON

Medicine

M.D., New York
Visiting Physician, Misericordia Hospital; Assistant Visiting Physician, St. Vincent's Hospital

Instructors

David Nye Barrows, A.B., M.D., F.A.C.S.	<i>Gynecology</i>
Margaret Baskervill	<i>Anatomy</i>
Edgar W. Beckwith, M.D.	<i>Gynecology</i>
Fenwick Beekman, M.D.	<i>Surgery</i>
John Verne Bohrer, M.D.	<i>Surgery</i>
James Gordon Boyes, A.B., M.D.	<i>Roentgenology</i>
Reginald Burbank, A.B., M.D.	<i>Orthopedic Surgery</i>
Samuel Bennett Burk, M.D., F.A.C.S.	<i>Surgery</i>
George Francis Cahill, M.D.	<i>Surgery</i>
Thomas Walter Carey, A.B., M.D.	<i>Pediatrics</i>
George Augustus Cherry, M.D.	<i>Dermatology and Syphilology</i>
Clyde Wilson Collings, A.B., M.D.	<i>Genito-Urinary Surgery</i>
George Spaulding Comstock, M.D.	<i>Medicine</i>
Joseph Edward Connery, M.D.	<i>Clinical Pathology</i>
Helen C. Coombs, Ph.D.	<i>Physiology</i>
Georgia Mabel Cooper, A.B.	<i>Bacteriology</i>
Max Philip Cowett, M.D.	<i>Medicine</i>
Lyman Weeks Crossman, M.D.	<i>Surgery</i>
*Arthur C. De Graff, Sc.B, M.D.	<i>Medicine</i>
Edward Henry Dennen, M.D.	<i>Obstetrics</i>
Emanuel I. Diamond, M.D.	<i>Dental Anatomy</i>
William Thomas Doran, M.D.	<i>Surgery</i>
Benjamin Dubovsky, M.D.	<i>Clinical Pathology</i>

*On leave of absence

[18]

MEDICAL COLLEGE

John Hughes Dunnington, M.D.	<i>Ophthalmology</i>
David Ernest Ehrlich, A.B., M.D.	<i>Roentgenology</i>
Harry Bellevue Eisberg, M.D.	<i>Surgery</i>
David Louis Engelsher, M.D.	<i>Medicine</i>
Henry Charles Falk, M.D.	<i>Surgery and Gynecology</i>
Lamont Henry Fisher, M.D.	<i>Medicine</i>
Alexander McGowen Foschee, M.D.	<i>Anesthesia</i>
Rowland Godfrey Freeman, Jr., A.B., M.D.	<i>Pediatrics</i>
Isidore Harry Goldberger, M.D.	<i>Contagious Diseases</i>
William Hall Hawkins, A.B., M.D.	<i>Obstetrics</i>
William Madison Higgins, M.D.	<i>Gynecology</i>
Thomas H. Johnson, M.D.	<i>Ophthalmology</i>
Henry Keller, M.D.	<i>Orthopedic Surgery</i>
Ben Witt Key, A.B., M.D.	<i>Ophthalmology</i>
Edward Ambrose King, A.B., M.D.	<i>Surgery</i>
Florence Knacke	<i>Bacteriology</i>
George August Koenig, M.D.	<i>Surgery</i>
Meyer Julius Kutisker, M.D.	<i>Surgery</i>
Thomas Eugene Lavell, A.B., M.D.	<i>Gynecology</i>
Isadore Jesse Levy, Ph.B., M.D.	<i>Medicine</i>
Edward Meakin Livingston, Sc.B., M.D.	<i>Surgery</i>
Oswald Swinney Lowsley, A.B., M.D., F.A.C.S.	<i>Genito-Urinary Surgery</i>
Joseph Edward Lumbard, M.D.	<i>Anesthesia</i>
Walter Harold McNeill, Jr., M.D.	<i>Genito-Urinary Surgery</i>
William Caruth MacTavish, Sc.B.	<i>Chemistry</i>
Edward Robert Maloney, M.D.	<i>Dermatology and Syphilology</i>
Alexander Tertius Martin, Sc.B., M.D.	<i>Pediatrics</i>
Merritt Heminway Merriman, A.B., M.D.	<i>Otology</i>
Lucy Michulow	<i>Bacteriology</i>
Josephine Munson, Sc.M.	<i>Chemistry</i>
John Nelson, M.D.	<i>Surgery</i>
Willa Carey Noble, A.B.	<i>Bacteriology</i>
Ralph W. Nutter, M.D.	<i>Obstetrics</i>
Harold Lese Otto, D.D.S., M.D.	<i>Medicine</i>
Henry H. Pierson, M.D.	<i>Anatomy</i>
Harry Ephraim Plummer, M.D.	<i>Genito-Urinary Surgery</i>
Maximilian Arthur Ramirez, M.D.	<i>Medicine</i>
Floyd Chrisman Raymond, Ph.G.	<i>Pharmacy</i>
Arthur Mitchell Reich, M.D.	<i>Obstetrics</i>
Edward John Riley, M.D.	<i>Medicine</i>
Bernard Leo Robins, M.D.	<i>Medicine</i>
Herman Cady Russell, M.D.	<i>Surgery</i>

[19]

NEW YORK UNIVERSITY

Louis Bertram Sachs, M.D.	<i>Pediatrics</i>
Louis Sanman, Sc.B., M.D.	<i>Surgery</i>
John Elden Sawhill, A.B., M.D.	<i>Medicine</i>
Benjamin Schwartz, M.D., LL.B.	<i>Pathology</i>
Louis Lawrence Shapiro, M.D.	<i>Medicine</i>
Irwin Edward Siris, M.D.	<i>Surgery</i>
George Norbert Slattery, A.B., M.D.	<i>Medicine</i>
Francis Washington Sovak, Sc.B, M.D., F.A.C.S.	<i>Gynecology</i>
Alexander Berthold Timm, A.B., M.D.	<i>Gynecology</i>
Charles Robert Tyler, Ph.G.	<i>Bacteriology</i>
Webb William Weeks, A.B., M.D.	<i>Ophthalmology</i>
Tobias Bernard Weinberg, M.D.	<i>Medicine</i>
Filip Johan Wettervik, M.D.	<i>Orthopedic Surgery</i>
Jay Dashiell Whitham, M.D.	<i>Otology</i>
Harriet Leslie Wilcox, A.B.	<i>Bacteriology</i>
Henry Valentine Wildman, A.B., M.D.	<i>Psychiatry</i>

Assistants

Anthony Stanley Bogatko, M.D.	<i>Surgery</i>
Donald W. Cady, M.D.	<i>Surgery</i>
Helene Carson	<i>Clinical Pathology</i>
Theodore J. Curphey, M.D.	<i>Pathology</i>
Lily Day	<i>Bacteriology and Hygiene</i>
Fortunato A. Diasio, M.D.	<i>Surgery</i>
Henry Charles Falk, M.D.	<i>Pathology</i>
Christine Ingeborg Gruggel, A.B.	<i>Pathology</i>
Bernard Hannan, M.D.	<i>Surgery</i>
Samuel Louis Hornstein, M.D.	<i>Pathology</i>
Morris J. Klein, M.D.	<i>Surgery</i>
Meyer Julius Kutisker, M.D.	<i>Pathology</i>
Abraham Lightstone, M.D.	<i>Surgery</i>
Martin J. Loeb, M.D.	<i>Surgery</i>
Samuel S. Markell, M.D.	<i>Surgery</i>
Maurice Meltzer, M.D.	<i>Surgery</i>
George William Partridge, A.B., M.D.	<i>Anatomy</i>
Charles Spencer Rogers, M.D.	<i>Anatomy and Surgery</i>
Benjamin Sherwin, M.D.	<i>Surgery</i>
Francis X. Timoney, M.D.	<i>Surgery</i>
Morris J. Tobias, M.D.	<i>Surgery</i>
Mandel Weinstein, M.D.	<i>Surgery</i>
Hippolyte M. Wertheim, M.D.	<i>Surgery</i>

MEDICAL COLLEGE

Francis P. Weston, M.D.	<i>Surgery</i>
Hill C. Whiting, M.D.	<i>Surgery</i>
Helene Carson	<i>Technician in Clinical Pathology</i>
Peter Doran	<i>Technician in Pathology</i>
Rose Hladik	<i>Technician in Pathology</i>
Lillian Hubinger	<i>Technician in Anatomy</i>
Jennie Krug	<i>Technician in Electrocardiography</i>
Walter Turnbull	<i>Technician in Physiology</i>
Laura S. Anderson	<i>Assistant to the Secretary</i>
Rita M. Flood	<i>Assistant to the Dean's Secretary</i>
Lillian V. Vaughan	<i>Librarian</i>
Matthew W. Szatkowski	<i>Superintendent of Buildings</i>

NEW YORK UNIVERSITY

COLLEGE CLINIC

Department of Medicine

Chief of Clinic and Medical Superintendent

W. J. Pulley, M.D.

Assistant Chief of Clinic

D. H. Barash, M.D.

Assistant to Medical Superintendent

F. C. Raymond, Ph.G.

Attending Physicians

L. H. Fisher, M.D.

G. S. Comstock, M.D.

T. B. Weinberg, M.D.

D. L. Engelsher, M.D.

Assistant Attending Physicians

J. P. Kasnetz, M.D.

C. Lerner, M.D.

L. Barash, M.D.

R. Skolnick, M.D.

I. Apperman, M.D.

METABOLISM CLINIC

Director

W. J. Pulley, M.D.

Attending Physician

Julius Ferber, M.D.

Technician

Sophie Rabinowitsch

Department of Surgery

Chiefs of Clinic

Alfred Johnson, M.D.

M. J. Kutisker, M.D.

Post Graduate Surgical Students

A. S. Bogatko, M.D.

M. Meltzer, M.D.

D. W. Cady, M.D.

C. S. Rogers, M.D.

A. Diasio, M.D.

L. F. Sanman, M.D.

B. Hannan, M.D.

B. Sherwin, M.D.

M. J. Klein, M.D.

F. X. Timoney, M.D.

M. J. Kutisker, M.D.

M. J. Tobias, M.D.

L. C. Lange, M.D.

M. Weinstein, M.D.

A. Lightstone, M.D.

H. M. Wertheim, M.D.

M. Loeb, M.D.

F. P. Weston, M.D.

S. S. Markell, M.D.

H. C. Whiting, M.D.

Nurse

Helen Huthsteiner, R.N.

[22]

MEDICAL COLLEGE

Department of Gynecology

Chief of Clinic

A. B. Timm, M.D.

Attending Gynecologist

A. Anesh, M.D.

Assistant Attending Gynecologist

T. A. Kenyon, M.D.

Department of Diseases of Children

Chief of Clinic

E. S. Rimer, M.D.

Assistant Chief of Clinic

L. B. Sachs, M.D.

Assistant Attending Physicians

J. F. Paulonis, M.D.

H. B. Feuerstein, M.D.

E. P. Essertier, M.D.

J. M. Stein, M.D.

M. Stovin, M.D.

R. E. O'Rourke, M.D.

Children's Clinic Welfare Club

President

W. J. Pulley, M.D.

Vice President

Mrs. Alice L. Foss

Secretary-Treasurer

Mrs. A. C. Clarke

Directors

Mrs. R. H. Fleischman

Mrs. S. W. Seeman

Mrs. August Kiel

Mrs. Ralph Bretzner

Social Service Worker

Helga Johnson, R.N.

[23]

NEW YORK UNIVERSITY

Department of Neurology

Chiefs of Clinic

W. Steinach, M.D. D. E. Hoag, M.D.

Attending Neurologists

W. B. Giles, M.D. H. M. Bowlby, M.D.

Assistant Attending Neurologist

H. C. Mahnken, M.D.

Masseuse

Helen Hilf

Department of Laryngology

Chiefs of Clinic

L. M. Hurd, M.D. A. J. Huey, M.D.

Attending Laryngologists

J. Coleman, M.D. L. F. Sturges, M.D.

Assistant Attending Laryngologists

L. Hochman, M.D. A. O. M. Wood, M.D.

Clinical Assistants

E. Schwartz, M.D. W. L. Hogan, M.D.
J. G. Strickler, M.D. M. A. Sher, M.D.
W. W. Morrison, M.D.

Department of Dermatology and Syphilology

Chief of Clinic

J. J. Rothwell, M.D.

Attending Dermatologists and Syphilologists

C. J. Halperin, M.D. G. A. Cherry, M.D.
E. R. Maloney, M.D. J. H. O'Connor, M.D.

Assistant Attending Dermatologists and Syphilologists

I. Apfelberg, M.D. J. F. Fraser, M.D.
R. Boenke, M.D. Marie LeFort, M.D.
F. C. Combes, Jr., M.D. P. E. Bechet, M.D.
J. S. Wilson, M.D. C. W. Perkins, M.D.
H. Friedel, M.D. F. J. Butler, M.D.

C. H. Martin, M.D.

Technician

Helen M. Mullaney

MEDICAL COLLEGE

Department of Genito-Urinary Diseases

Chief of Clinic

C. W. Collings, M.D.

Attending Surgeon

H. E. Plummer, M.D.

Assistant Attending Surgeons

S. W. Fowler, M.D. H. Horn, M.D.
B. Davidson, M.D. S. Purdy, M.D.

Nurse

Alexander Kilroy, R.N.

Department of Ophthalmology

Chiefs of Clinic

W. W. Weeks, M.D. B. W. Key, M.D.

Attending Ophthalmologist

T. H. Johnson, M.D.

Assistant Attending Ophthalmologists

J. H. Dunnington, M.D.
D. B. Kirby, M.D. M. Cinberg, M.D.

Department of Otology

Chief of Clinic

C. E. Perkins, M.D.

Attending Otologists

W. M. Hunt, M.D. J. D. Whitham, M.D.

Assistant Attending Otologist

M. H. Merriman, M.D.

Clinical Assistant

Joseph G. Strickler, M.D.

NEW YORK UNIVERSITY

Department of Diseases of the Rectum

Chief of Clinic

E. I. Huppert, M.D.

Attending Surgeon

M. L. Goodman, M.D.

Assistant Attending Surgeon

J. F. Montague, M.D.

Department of Orthopedic Surgery

Chief of Clinic

F. J. Wettervik, M.D.

Attending Surgeon

H. Keller, M.D.

Clinical Assistant

R. Burbank, M.D.

Clerk

Kate Keenly

College Clinic Operating Room

Executive Surgeon

L. M. Hurd, M.D.

Nurse

Agnes E. Graham, R. N.

Department of Roentgenology

Director

L. T. LeWald, M.D.

Assistants to the Director

D. E. Ehrlich, M.D.

J. G. Boyes, M.D.

Technician

Gertrude Tait

Clerk

Gabriella Kern

[26]

MEDICAL COLLEGE

Department of Roentgenology—Cont.

Apothecary

F. C. Raymond

Assistant Apothecary

L. W. Jansen

Heye Recovery Ward

Nurses

Lillian Boske

Thelma Hall

Clinic Clerks

Helen Hilf

Mae Paris

Gertrude Gardner

Elizabeth A. Kavanagh

Grace McGuire

Mrs. C. Johnson

Margaret A. McGrath

[27]

University and Bellevue Hospital Medical College

The University and Bellevue Hospital Medical College was established in its present form and became an integral part of New York University in 1898 by the union of the University Medical College and Bellevue Hospital Medical College. The former was founded in 1841 and the latter in 1861.

The graduates of the former colleges, as well as graduates of the present consolidated college, have been placed on the records of New York University and are entitled to all the advantages of University alumni.

The curriculum has been arranged so as to present a carefully graded course of four years. The work of each year is thoroughly systematized, and correlated subjects are taken up in their proper order. The advantage of a close personal relationship between the members of the faculty and the individual members of the classes is recognized and the instruction is so arranged that this relationship may be established to the fullest extent possible.

Clinical and bedside teaching in the college clinic and in the wards of the hospital, systematic section teaching in the practical departments and practical work in the special subjects are emphasized to the greatest possible degree, being conjoined with, and founded upon practical laboratory work, recitations, and didactic teaching. Attention is especially called to the arrangement of the work in the fourth year of the course, which has for its object more definite clinical instruction in all branches of medicine at a time when the students are best prepared to receive it. The arrangement also permits of a wider use of the hospital facilities of the city.

The college occupies at present five large buildings situated on the corner of First avenue and Twenty-sixth street, diagonally opposite the entrance to Bellevue Hospital.

I. College Buildings

This building was erected by the faculty of the Bellevue Hospital Medical College in 1897 and 1898 to meet the demands for the larger classes and the increase in the curriculum. It was transferred to New York University at the time of the consolidation of the two schools.

It is situated on the corner of First avenue and Twenty-sixth street and adjoins the Carnegie laboratory and the new laboratory building with which it is connected. The site is particularly fortunate, as it is well lighted both from the avenue and Twenty-sixth street.

The building is six stories high. The ground floor accommodates part of the college clinic for the outdoor sick poor. The second and third floors are occupied by two large and well-lighted lecture rooms.

The department of pathology occupies the fourth floor. It contains research laboratories, balance rooms, and a laboratory for research work in pathological chemistry, also a pathological museum which is open to students and to graduates in medicine. Working libraries form portions of the equipment in all of the laboratory departments and are accessible to the students. Adjoining the department of pathology are the laboratories of bacteriology and hygiene, fully equipped for the teaching and research work of students in this department. The completion of the extension of the Carnegie laboratory allowed of increased facilities in these departments which have always been prominent features in the instruction of the third and fourth years. Students of the third and fourth year classes have regularly assigned work in this laboratory and are thoroughly trained in the methods of clinical diagnosis by the examination of specimens sent from the college clinic, and the services of the college in Bellevue Hospital.

The department of physiology occupies the fifth floor. The completion of the new laboratory building made possible the enlargement of the general laboratory which has been equipped with new tables and apparatus for the use of students in the course of practical physiology.

The anatomical department occupies the top floor, having a spacious, well-lighted and ventilated dissecting room. There is also a room for the preparation and distribution of bones.

II. Carnegie Laboratory

The Carnegie laboratory, a gift to the Bellevue Hospital Medical College by the late Andrew Carnegie, is situated at 338 and 340 East Twenty-sixth street, adjoining and communicating with the college building.

It is a five story building devoted to investigation in anatomy and instruction in applied anatomy and operative surgery. There is one large auditorium for didactic teaching, the dean's office, and also a well-equipped library for the use of students.

III. Carnegie Laboratory Extension

The Carnegie laboratory extension, also a gift of the late Andrew Carnegie, was completed in 1910. The building is six stories high and fronts on First avenue, adjoining the present clinic buildings on the south. It contains research rooms and laboratories for chemistry, bacteriology and hygiene, pathology, physiology, pharmacology and surgical research. The addition of this building permitted the extension of work in all the laboratory departments, both teaching and research.

IV. New Laboratory Building

This laboratory building is a six story edifice adjoining and harmonizing in its architecture with the main college building. It furnishes needed accommodations for the increasing number of students, and renders possible a further extension and elaboration of the laboratory work.

The first and second floors are occupied by an extension of the college clinic. This gives greatly needed room for the treatment of the sick poor, and the clinical teaching in the different departments. The third floor is devoted to classrooms and laboratories in chemistry and adjoins the research laboratories on the corresponding floor of the Carnegie laboratory extension. The fourth floor is devoted to classrooms in bacteriology and is connected with the new research laboratories and preparation rooms in the Carnegie laboratory extension. The fifth floor is devoted to physiology and pharmacology. The sixth floor accommodates the laboratory of microscopical anatomy and an anatomical study room.

The classroom laboratories thus provided are large and commodious, admirably lighted from two sides, and afford exceptional facilities for teaching purposes.

V. Laboratory for Hygiene and Public Health

A new seven story laboratory building has been erected for teaching and for the demonstration of hygienic models. The Rockefeller

Foundation contributed \$35,000 toward the building, \$5,000 to be used for keeping up the equipment of a museum and \$30,000 for the building fund and the preparation of museum exhibits. The building was originally planned to have five stories, but the gift of the Foundation made possible two additional stories, one for a museum and the other for teaching clinical hygiene. Three floors of the building are utilized by the branch laboratory of the State Department of Health. Two floors are used in common by the college and the branch laboratory. The upper floor is fitted up with models of sanitary appliances. These cover especially the methods of treating water and sewage. The first floor is used by the departments of medicine and hygiene. This allows demonstrations on infant welfare and industrial and school hygiene. In addition to this building, there is a small four story tenement available for demonstrating different methods of heating, lighting, and ventilating. Some of the rooms are used for demonstrating methods of rat extermination, mosquito prevention, and other hygienic measures.

College Clinic

The college clinic occupies the ground floor of the main college building, and the first floor and part of the second floor of the new laboratory and Carnegie laboratory extension buildings. There are classes for the treatment of general medical and surgical cases and of diseases of the eye, ear, nose, throat and skin, diseases of women and children, and venereal and nervous diseases, etc. The clinic is one of the largest in New York City for the treatment of the ambulatory sick. During the past year 91,055 cases were treated, an average of over 300 per clinic day. This statement affords a good indication of the almost unlimited amount of clinical material which is available for the students of this college for clinical instruction and study. The schedules for the third and fourth year classes are so arranged that in addition to the stated clinics the students are daily occupied in practical clinical work in the college clinic and in Bellevue Hospital.

College Clinic Operating Room

Through the friends of the college clinic, a large operating room has been thoroughly equipped, together with an etherizing room,

NEW YORK UNIVERSITY

sterilizing room, and a recovery ward for taking care of minor surgical operative cases. The operating room is in charge of a trained nurse, and students of the third and fourth years are assigned to section work for instruction in the administration of anesthetics, the preparation and sterilization of dressings, and the conducting of such minor surgical operations as can frequently be performed in a physician's office.

Heye Recovery Ward

Through the generosity of Mrs. James B. Clemens, a recovery ward of thirteen beds was provided for the care of patients requiring anesthesia. This makes it possible to retain under observation emergency patients and post-operative cases, thereby increasing the efficiency of the college clinic. The ward is provided with day and night nurses and with a diet kitchen and other conveniences for the care of the patients.

Bellevue Hospital

The members of the faculty, who are attending physicians and surgeons to the hospital, hold regular clinics in the large amphitheatre, and small sections of the classes are taken into the wards, where the students are required to examine patients suffering from various medical and surgical diseases. Students of the fourth year class are also regularly assigned to the care of cases in the wards under the supervision of the attending and house staffs.

The hospital itself is one of the largest in this country and has always been distinguished for the abundance of its clinical material. The Board of Estimate of New York City authorized a large appropriation for the erection of a new Bellevue Hospital. When completed it will have accommodations for nearly 2,000 patients. The estimated cost is over \$8,000,000.

Clinical Facilities

The college possesses ample facilities for clinical teaching, and the school is preëminent as a school of practical medicine. This purpose has been constantly in view in the arrangement of the course of study.

College Clinic (in college building)

This is a general medical and surgical clinic, and supplies aid for the outdoor sick poor. The situation is peculiarly advantageous, as

MEDICAL COLLEGE

it is just opposite Bellevue Hospital. It affords abundant material for practical clinical instruction in all departments of medicine and surgery. Connected with the clinic are the laboratories of bacteriology, pathology, and clinical microscopy, in which opportunity is given the student to make the necessary examinations of the blood, sputum, urine, etc.

Edward N. Gibbs Memorial X Ray Laboratory

Through the generosity of friends of the college and in recognition of the medical services rendered to the late Edward N. Gibbs by members of the Bellevue Hospital medical staff, there has been established in connection with the college clinic the Edward N. Gibbs X ray laboratory.

The laboratory has been put under the administration of the college clinic and is conducted to aid the medical and surgical staffs of Bellevue Hospital and of the clinic in the diagnosis and study of obscure forms of disease among the patients under treatment in these institutions. The facilities of this laboratory will be used to illustrate the lectures on Roentgenology. It is maintained in the highest degree of efficiency by the founders.

Electrocardiographic Department

Through the generosity of friends of the college and in recognition of the services rendered by the Bellevue Hospital Unit, U. S. Base Hospital No. 1, the college was presented with a Model A Hindle electrocardiograph. It is equipped with Leitz lenses and wired so that it may be utilized for animal experimentation in the department of physiology or for clinical electrocardiography either in the laboratory or in the wards of Bellevue Hospital. The facilities of this laboratory are used in the teaching of physiology, pharmacology, internal medicine, and therapeutics.

Bellevue Hospital (First avenue and Twenty-sixth street)

This is the great city hospital especially used for acute diseases, has about eighteen hundred beds, and receives annually about 25,000 patients. All of the great charitable institutions on Welfare, Ward's, Randall's, and Hart's Islands receive their inmates, num-

NEW YORK UNIVERSITY

bering many thousands, through Bellevue Hospital or its out-patient department. In the out-patient department more than 50,000 new patients a year are treated, aside from those admitted to the various hospitals of the Department of Charities.

Medical Service

Dr. George O'Hanlon, General Medical Superintendent
Professor Edward D. Fisher, Alienist and Consulting Neurologist
Professor Robert J. Carlisle, Director and Visiting Physician
Professor Samuel A. Brown, Visiting Physician
Professor Theodore J. Abbott, Visiting Physician
Professor Warren Coleman, Visiting Physician
Dr. Hubert V. Guile, Visiting Physician
Professor James F. Nagle, Assistant Visiting Physician
Professor George B. Wallace, Assistant Visiting Physician
Professor Luther B. MacKenzie, Assistant Visiting Physician
Professor John Wyckoff, Assistant Visiting Physician
Professor William J. Pulley, Assistant Visiting Physician
Dr. Mills Sturtevant, Physician to Out-Patients and Adjunct Assistant Visiting Physician
Dr. William Steinach, Assistant Alienist
Dr. Emanuel David Friedman, Physician to Out-Patients and Adjunct Assistant Visiting Physician, Neurological Service
Dr. Bernard L. Robins, Physician to Out-Patients and Adjunct Assistant Visiting Physician
Dr. Edward J. Riley, Physician to Out-Patients and Adjunct Assistant Visiting Physician
Dr. Louis L. Shapiro, Assistant Physician to Out-Patients
Dr. Max P. Cowett, Assistant Physician to Out-Patients
Dr. John E. Sawhill, Assistant Physician to Out-Patients

Surgical Service

Professor George David Stewart, Director and Visiting Surgeon, Third Division
Professor John Douglas, Visiting Surgeon
Professor Thomas A. Smith, Director and Visiting Surgeon, Fourth Division

MEDICAL COLLEGE

Professor Carl G. Burdick, Visiting Surgeon in Charge of Children's Surgical Service
Professor Arthur M. Wright, Visiting Surgeon
Professor Reginald H. Sayre, Assistant Visiting Surgeon in Charge of Orthopedic Cases
Professor William C. Lusk, Visiting Surgeon
Professor Robert P. Wadhams, Assistant Visiting Surgeon
Professor W. Howard Barber, Assistant Visiting Surgeon
Dr. Fenwick Beekman, Assistant Visiting Surgeon
Dr. George F. Cahill, Assistant Visiting Surgeon
Dr. George A. Koeing, Assistant Visiting Surgeon
Dr. Edward A. King, Adjunct Assistant Visiting Surgeon
Dr. Herman C. Russell, Adjunct Assistant Visiting Surgeon
Dr. John Nelson, Adjunct Assistant Visiting Surgeon
Dr. Irwin E. Siris, Adjunct Assistant Visiting Surgeon
Dr. Edward M. Livingston, Adjunct Assistant Visiting Surgeon

Gynecological Service

Emeritus Professor Henry C. Coe, Consulting Gynecologist
Professor Frederick C. Holden, Director and Visiting Gynecologist
Professor Onslow A. Gordon, Jr., Assistant Visiting Gynecologist
Dr. Edwin Wilson Holladay, Assistant Visiting Gynecologist
Dr. David Nye Barrows, Visiting Gynecologist to Out-Patients and Adjunct Assistant Visiting Gynecologist
Dr. Francis W. Sovak, Visiting Gynecologist to Out-Patients and Adjunct Assistant Visiting Gynecologist
Dr. Thomas E. Lavell, Visiting Gynecologist to Out-Patients and Adjunct Assistant Visiting Gynecologist
Dr. William M. Higgins, Visiting Gynecologist to Out-Patients and Adjunct Assistant Visiting Gynecologist
Dr. Alexander B. Timm, Visiting Gynecologist to Out-Patients and Adjunct Assistant Visiting Gynecologist

Obstetrical Service

Dr. E. W. Beckwith, Visiting Gynecologist to Out-Patients and Adjunct Assistant Visiting Gynecologist
Dr. Henry Burns, Resident Gynecologist
Professor Austin Flint, Consulting Obstetrician

NEW YORK UNIVERSITY

Professor Frederick W. Rice, Visiting Obstetrician
Dr. Frederick C. Freed, Assistant Visiting Obstetrician
Dr. Arthur M. Reich, Assistant Visiting Obstetrician
Dr. W. Hall Hawkins, Adjunct Assistant Obstetrician
Dr. Edward H. Dennen, Adjunct Assistant Visiting Obstetrician

Genito-Urinary Service

Professor Alfred T. Osgood, Associate Visiting Genito-Urinary Surgeon
Dr. A. R. Stevens, Assistant Genito-Urinary Surgeon
Dr. W. H. McNeill, Jr., Adjunct Assistant Visiting Genito-Urinary Surgeon
Dr. Clyde W. Collings, Surgeon to Out-Patients and Adjunct Assistant Visiting Genito-Urinary Surgeon

Dermatological Service

Professor William B. Trimble, Director
Dr. John J. Rothwell, Assistant Visiting Physician
Dr. Clement J. Halperin, Assistant Visiting Physician
Dr. George A. Cherry, Adjunct Assistant Visiting Physician
Dr. Edward R. Maloney, Adjunct Assistant Visiting Physician

Psychiatric Service

Professor Menas S. Gregory, Chief Alienist and Director, Psychopathic and Alcoholic Wards

Pathologist

Professor Douglas Symmers, Director of Laboratories

Pathological Chemist

Professor Alexander O. Gettler

Harlem Hospital (Lenox Avenue, 136th street)

Harlem Hospital is allied with Bellevue Hospital and has a large out-patient department. Students are assigned in small sections for clinical instruction in the medical and surgical wards.

Professor Lewis Knobe Neff, Visiting Physician and Director of Medical Service

Professor John T. J. Bird, Visiting Physician
Professor Herman A. Haubold, Visiting Surgeon
Dr. J. E. Lumbard, Anesthetist

MEDICAL COLLEGE

City Hospital (formerly Charity Hospital, Welfare Island)

This is a great city hospital for chronic and venereal diseases. It has about 1,000 beds, and is reached from the Queensborough bridge, foot of East 59th street.

Professor Harlow Brooks, Visiting Physician
Professor Edmund P. Shelby, Visiting Physician
Dr. William Steinach, Visiting Neurologist
Dr. I. J. Levy, Assistant Pathologist
Dr. M. A. Ramirez, Assistant Visiting Physician
Dr. David E. Hoag, Adjunct Attending Neurologist

Section teaching and hospital clinics may be given at this institution.

Manhattan State Hospital for the Insane (Situated on Ward's Island)

This hospital is reached by ferry from the foot of East 116th street. Boats leave every half hour.

This hospital has 4,500 insane patients, and opportunities afforded the students for the study of various forms of mental diseases are unsurpassed.

Emeritus Professor Carlos F. MacDonald, Consulting Physician
Professor E. D. Fisher, Consulting Physician
Professor William C. Lusk, Consulting Surgeon

Willard Parker and Reception Hospitals, and the Riverside Hospital for Contagious Diseases (Department of Health of New York City)

The Willard Parker and Reception Hospitals are situated at the foot of East 16th street. These hospitals are devoted to the treatment of scarlet fever and diphtheria, and to the reception of other contagious diseases.

Practical bedside instruction in the diagnosis of these diseases is afforded to students during the fourth year.

These institutions are easily accessible by street car from the college buildings, and contain about 600 beds.

The Riverside Hospital is reached from the foot of East 16th street by steamers of the Department of Health, or from East 132d street.

It is devoted to all forms of contagious diseases, and has facilities for the accommodation of more than 300 patients.

NEW YORK UNIVERSITY

Professor Leon T. LeWald, Consulting Roentgenologist
Professor William H. Park, Attending Bacteriologist
Professor Thomas A. Smith, Attending Surgeon
Professor Carl G. Burdick, Assistant Surgeon
Professor Abraham Zingher, Associate Visiting Physician
Professor H. R. Mixsell, Attending Physician
Dr. T. W. Carey, Assistant Attending Physician
Dr. T. H. Goldberger, Assistant Attending Physician
Dr. A. B. Timm, Attending Gynecologist

St. Vincent's Hospital (Seventh avenue and 12th street)

Large general hospital containing about 300 beds. Reached by street car from college building.

Professor W. C. Lusk, Consulting Surgeon
Professor George D. Stewart, Visiting Surgeon
Professor A. R. Mandel, Assistant Visiting Physician and Clinical Pathologist
Professor A. M. Wright, Assistant Visiting Surgeon
Professors Alexander Fraser, Consulting Pathologist
Dr. Charles G. Darlington, Pathologist
Professor E. D. Fisher, Consulting Neurologist
Professor R. H. Sayre, Consulting Orthopedic Surgeon
Dr. E. A. King, Assistant Visiting Surgeon
Dr. James F. Nagle, Assistant Visiting Physician
Dr. C. J. Tyson, Assistant Visiting Physician
Dr. Sylvester R. Leahy, Director Mental Clinic
Dr. Edward S. Rimer, Consulting Pediatricist

Montefiore Hospital (Gunhill road and Bainbridge avenue)

Arrangements have been made whereby students may be sent to the hospital for assignment to the medical and surgical wards for clinical instruction.

Professor Harlow Brooks, Consulting Physician
Professor Isidor Abrahamson, Visiting Neurologist
Professor Charles Goodman, Visiting Surgeon
Professor P. W. Nathan, Visiting Orthopedic Surgeon
Professor Isaac Levin, Chief of Cancer Research
Professor Maurice Fishberg, Chief, Tuberculosis Service
Dr. Emanuel D. Friedman, Associate Attending Neurologist

MEDICAL COLLEGE

Beth Israel Hospital (70 Jefferson street)

This hospital contains 150 beds. Students are assigned in small sections for clinical instruction in the wards.

Professor George D. Stewart, Consulting Surgeon
Emeritus Professor H. C. Coe, Consulting Gynecologist
Professor A. F. Hess, Visiting Pediatrician
Professor Charles Goodman, Visiting Surgeon
Professor Philip W. Nathan, Visiting Orthopedic Surgeon

New York Foundling Hospital (68th street, between Third and Lexington avenues)

Reached by street car from college building. It is under the charge of the Sisters of Charity.

Emeritus Professor William P. Northrup
Professor Alexander Fraser
Dr. Stanley Brady

The O'Dwyer Memorial Clinic, established in 1898, is in this institution.

Manhattan Maternity Hospital and Dispensary (60th street between First and Second avenues)

This is a small hospital which was opened for patients in February, 1905. It conducts an indoor and outdoor obstetrical service and provides a practical course for students. The certificate of this hospital is accepted by the college as complying with all the requirements for actual attendance on labor cases.

Professor Austin Flint, Visiting Obstetrician
Professor William M. Ford, Attending Surgeon
Professor Frederick W. Rice, Assistant Attending Surgeon
Dr. Frederick C. Freed, Adjunct Assistant Attending Obstetrician
Dr. Ralph W. Nutter
Professor Alexander Fraser, Pathologist
Dr. Arthur M. Reich
Dr. W. Hall Hawkins
Dr. Hubert V. Guile, Consulting Internist
Dr. James F. Nagle, Consulting Physician

NEW YORK UNIVERSITY

New York Nursery and Child's Hospital (161 West 61st street)

Hospital for foundlings and children of two years, homeless mothers nursing their infants, and confinement cases.

Professor Austin Flint

Dr. Edwin W. Holladay, Assistant Visiting Obstetrician and Gynecologist

Dr. Frederick C. Holden, Attending Gynecologist

New York Eye and Ear Infirmary (13th street and Second avenue)

Easily accessible by Second avenue surface cars. Students of the college are invited to attend the operative clinic of Professor Dench, Wednesdays, 3.00 p. m.; Professor Perkins, Mondays, 2.30 p. m.; Professor Wheeler, Tuesdays, Thursdays, Saturdays, 2 p. m.

Professor Edward B. Dench, Attending Otological Surgeon

Professor John McCoy, Attending Surgeon in Otology

Professor Charles E. Perkins, Surgeon

Professor John M. Wheeler, Ophthalmic Surgeon

Dr. Joseph Coleman, Assistant Surgeon

Roosevelt Hospital (59th street and Ninth avenue)

This is a general hospital with special Children's Ward.

Professor Rowland G. Freeman, Pediatricist

Professor W. M. Hartshorn, Junior Pediatricist

Dr. E. S. Rimer, Assistant Pediatricist

Requirements for Admission

Session 1924-1925

Women are eligible for admission to the University and Bellevue Hospital Medical College on the same basis as men.

The session of 1924-1925 opens on Wednesday, September 17, 1924 and continues until June 10, 1925.

The minimum requirement for admission to the University and Bellevue Hospital Medical College is 72 semester hours* of college

*A semester hour is the credit value of sixteen weeks' work consisting of one lecture or recitation period per week, each period to be not less than fifty minutes net, at least two hours of laboratory work to be considered as the equivalent of one lecture or recitation period.

MEDICAL COLLEGE

work, all of which work must be available toward credit for a baccalaureate degree and must include the following:

Chemistry—12 semester hours,* of which at least eight semester hours must be in general inorganic chemistry, including four semester hours of laboratory work. The remaining four semester hours shall consist of work in organic chemistry.

Physics—8 semester hours, of which at least two must be laboratory work.

Biology—8 semester hours, of which four must consist of laboratory work. The requirement may be satisfied by a course of eight semester hours in either general biology or zoölogy, or by courses of four semester hours each in zoölogy and botany, but not by botany alone.

English—Composition and literature, consisting of the usual introductory college course of six semester hours, or its equivalent.

Language—(French, Italian, Spanish, German). A reading knowledge of one of these languages is strongly urged. If the reading knowledge in one language is obtained on the basis of high school work, the student is urged to take one of the other languages in his college course.

While the above is the minimum requirement for entrance, it is considered that a college course of four years toward a baccalaureate degree is the most desirable preparation for the study of medicine and preferential consideration will always be given to students with high scholarship and to those with additional training, whose scholarship is satisfactory.

The College of Arts and Pure Science at University Heights or the Washington Square College at Washington Square offers a medical preparatory course which includes these required subjects. The first year of the course is offered in two divisions: One beginning in September and ending in June and the other beginning in February and extending throughout the summer to September. For matriculation blanks and further information, apply to the Recorder, New York University, University Heights, New York, or the Secretary, New York University, Washington Square, New York.

*A semester hour is the credit value of sixteen weeks' work consisting of one lecture or recitation period per week, each period to be not less than fifty minutes net, at least two hours of laboratory work to be considered as the equivalent of one lecture or recitation period.

Degrees

Students entering the University and Bellevue Hospital Medical College will, after the successful completion of their fourth year of medical work, be recommended to the Council of New York University for the degree of doctor of medicine.

Method of Making Application

Students desiring to enter the University and Bellevue Hospital Medical College should make application by filing in the office of the secretary:

1. Written application for entrance upon blank which will be furnished upon request.
2. Detailed certification of high school work, if taken outside of New York State.
3. Detailed certification of college work. These detailed certifications must show the courses covered, the hours per week and the number of weeks the courses included, and whether the work was didactic or laboratory. Such certificates must bear the signature of an officer of administration and the seal of the school or college.
4. Two letters of recommendation. One must be from a former college science teacher, stating his opinion of the candidate's ability and fitness to study medicine, and must be sent directly to the secretary.

As the size of the first year class is limited, it is proposed to choose one hundred and twenty-five of the most promising applicants. The selection will be made after carefully considering the following points:

1. The character of the college at which the candidate prepared.
2. The amount of premedical work.
3. The standing of the applicant in his high school and college work.
4. The opinion held by one of the applicant's teachers in college science as to the candidate's ability and fitness to study medicine.

Applications for admission may be accepted at any time, prior to July 1, 1924.

Notification of acceptance or of non-acceptance for enrollment as a student will be sent to all candidates not later than July 16.

Matriculation

Students whose applications have been accepted must matriculate within two weeks after they have been notified, otherwise their names will be dropped from the list of accepted students and replaced by other applicants. A deposit of \$50.00 as a guarantee of good faith must be made at the time of matriculation which is applied to the matriculation fee and first installment of the first term's tuition. This deposit is refundable only in the case of illness or death of the student.

Registration

All students must register at the office of the secretary at the beginning of the fall term.

All students must make a payment on their general tuition fee as described under the schedule of fees.

Admission to Advanced Standing

Students who have successfully completed one year or more in other medical colleges will be eligible to make application for admission to advanced standing in this college.

Students are not admitted to advanced standing in the fourth year.

Requirements for Admission to the Second Year

1. Students must satisfy the entrance requirements of the class to which they seek admission;
2. They must present evidence of having satisfactorily completed one full course of instruction in a registered medical college;
3. They must present evidence of having satisfactorily completed laboratory courses in microscopic anatomy (including embryology), chemistry, gross anatomy, including dissection, approximately equivalent to those included in the curriculum of this college during the first year;
4. They must pass examinations in gross anatomy, chemistry, and microscopic anatomy, similar to those taken by the students of the class to which they seek admission unless the credentials from the college where previous work has been done are accepted by the faculty.

Requirements for Admission to the Third Year

1. Students must satisfy the entrance requirements of the class to which they seek admission;
2. They must present evidence of having satisfactorily completed two full courses of instruction in a registered medical college;
3. They must present evidence of having satisfactorily completed laboratory courses in normal and pathological histology, chemistry, physiology, bacteriology and pharmacology, approximately equivalent to the courses included in the curriculum of this college, and they must also have completed a course in dissection;
4. They must pass examinations in anatomy, physiology, chemistry, pharmacology, general pathology and bacteriology, similar to those taken by the students of the class to which they seek admission unless the credentials from the college where previous work has been done are accepted by the faculty.

Students who have passed in the subjects of anatomy, chemistry and physiology before the licensing board of the state of New York are exempt from further examination in these subjects.

Requirements for Admission to Special Courses

Graduates in medicine, or students who desire to pursue a special course and are not candidates for a degree, are admitted to registration as special students without the regents' or other preliminary examination. Such special courses do not count in any way as a part of the four years' course of instruction, etc., required of candidates for the degree of doctor of medicine. Further information regarding such courses, fees, etc., may be obtained on application.

Requirements for Advancement in Course

Students are advanced from one year to the next upon satisfactorily passing examinations at the close of the session. The work of each year is considered final. Students who fail to pass examinations satisfactorily at the close of any year may be conditioned or rejected. If conditioned, an opportunity is afforded at the beginning of the next college year to made up these conditions. A student who fails on reexamination to remove conditions will not be allowed to pass on to the next year. Rejected students will not be permitted to repeat the work of the first or second year.

All students must pass the state board examinations in anatomy, physiology, and chemistry, before being advanced to the fourth year class.

First Year

The standing of a student at the end of the first year is determined by:

- (a) A written examination on the topics covered by the courses of instruction in gross anatomy, chemistry, microscopic anatomy and military science.
- (b) A practical examination in anatomy and the laboratory courses given.
- (c) A record of his practical work and recitations.

Second Year

The standing of a student at the end of the second year is determined by:

- (a) Final examinations covering the subjects of physiology, physical diagnosis, pharmacology, bacteriology, surgical anatomy, medicine, surgery, military science and an examination on the topics covered during the year in general pathology.
- (b) Practical examinations in physiology, pathological histology, and histology of the nervous system.
- (c) A record of his practical work and recitations.

Third Year

The standing of a student at the end of the third year is determined by:

- (a) Written examinations on the instruction given in medicine, surgery, obstetrics, gynecology, therapeutics, pediatrics, pathology, bacteriology and hygiene, otology, laryngology, genito-urinary surgery, psychiatry and military science.
- (b) Practical examinations in applied pathology and gross pathology.
- (c) A record of all recitations and practical work in the section classes.

Fourth Year

The standing of a student at the end of the fourth year is determined by:

NEW YORK UNIVERSITY

(a) Written examinations in medicine, surgery, obstetrics, gynecology, pediatrics, therapeutics, nervous diseases, mental diseases, dermatology, otology, laryngology, orthopedic surgery, genito-urinary surgery and diseases, and ophthalmology.

(b) Practical examinations may be held in addition to a written examination in any subject when deemed necessary by the faculty.

(c) Record of work in recitations, hospital ward work, section classes and reports at conferences.

Examination Rules for Students

No student is permitted to enter the examination room after ten minutes after the examination has begun.

No student is permitted to have in his possession in the examination room books or papers of any kind except such books or papers as are expressly given out by the proctor.

Other books or notebooks than those mentioned in the preceding paragraph shall be given to the proctors to keep during the examination. Such books or notebooks found in the student's possession during the examination shall be regarded as evidence of misconduct on the part of the owner.

Loose sheets containing information on the subject of the examination may not be taken to the examination room. Possession of such sheets will be regarded as evidence of intent to use the information dishonestly.

Positively no communication between students during the examination is permitted. If there are necessary questions, the proctors may be asked.

Violation of these rules may be punished by expulsion from the University.

All students who are ill at the time of examinations must notify the office of their illness immediately, and file with the notification, the name of the attending physician.

Rule for Reexaminations

Conditioned students are required to register and obtain a ticket of admission to the reexaminations, the fee for which is five dollars.

MEDICAL COLLEGE

Requirements for Graduation—Session 1924-1925

Students who have completed all the work required in the first three years, and have been admitted to the fourth year class may become candidates for graduation under the following conditions:

1. They must have successfully completed four years of medical work of which the last two years must have been taken in this institution.

2. They must, as required by law, have reached the age of twenty-one years, and must file satisfactorily certificates of good moral character. (Blank forms of certificates of age and of moral character will be furnished by the secretary on application.)

3. They must have filed a certificate from a recognized institution that they have attended at least fifteen cases of labor.

First Year	*Fees for Session 1924-1925
University fee, including matriculation	\$10.00
Microscope fee	10.00
Student publications	5.00
General instruction	330.00
†Laboratory deposit	22.00
<i>Second Year</i>	
University fee	10.00
Microscope fee	10.00
Student publications	5.00
General instruction	330.00
†Laboratory deposit	24.00
<i>Third Year</i>	
University fee	10.00
Microscope fee	10.00
Student publications	5.00
General instruction	330.00
†Laboratory deposit	9.00

*The Council of New York University reserves the right to alter this schedule of fees without notice. A deposit of \$50.00 is required of all accepted applicants. This deposit is applicable on the first term's tuition and is only refundable in case of illness or the death of the student.

Students are required to provide themselves with dissecting sets and laboratory materials (slides, cover-glasses and boxes for storing slides, etc.) and textbooks as recommended by the heads of the various departments, which become their personal property.

†The laboratory deposits are to cover breakage in the various laboratories of instruction. These deposits, less the amount charged for breakage, will be returned at the end of each year.

All students fees have been raised to \$500 a year

NEW YORK UNIVERSITY

Fourth Year

University fee	\$10.00
Microscope fee	10.00
Student publications	5.00
General instruction	300.00
Examination fee for doctor of medicine	25.00
†Laboratory deposit	2.00

Payment of Fees

For session 1924-1925, first year students may select either Plan I or II for the payment of fees.

I. Full Payment Plan

Upon registration, they may pay a fee of three hundred and fifty-five dollars which includes:

Tuition	\$330.00
Microscope fee	10.00
University fee	10.00
Student publications	5.00

II. Two Payment Plan

Upon registration, one hundred ninety dollars

Tuition, one half year	\$165.00
Microscope fee	10.00
University fee	10.00
Student publications	5.00
March 14, 1925, one hundred sixty-nine dollars and thirteen cents	
Tuition, one half year	165.00
Interest	4.13

Second and third year students may pay their fees in one of the following ways:

I. Full Payment Plan

Upon registration, three hundred fifty-five dollars

Tuition	\$330.00
Microscope fee	10.00
University fee	10.00
Student publications	5.00

MEDICAL COLLEGE

II. Two Payment Plan

Upon registration, one hundred ninety dollars	
Tuition, one half year	\$165.00
Microscope fee	10.00
University fee	10.00
Student publications	5.00
March 14, 1925, one hundred sixty-nine dollars and thirteen cents	
Tuition	165.00
Interest	4.13

III. Four Payment Plan

Upon registration, one hundred seven dollars and fifty cents

Tuition, one quarter year	\$82.50
Microscope fee	10.00
University fee	10.00
Student publications	5.00
December 15, 1924, eighty-five dollars and fifty-nine cents	
Tuition, one quarter year	82.50
Interest	3.09
March 14, 1925, eighty-four dollars and fifty-six cents	
Tuition, one quarter year	82.50
Interest	2.06
May 15, 1925, eighty-three dollars and fifty-three cents	
Tuition, one quarter year	82.50
Interest	1.03

Fourth year students may pay their fees in one of the following three ways:

I. Full Payment Plan

Upon registration, three hundred twenty-five dollars

Tuition	\$300.00
Microscope fee	10.00
University fee	10.00
Student publications	5.00

II. Two Payment Plan

Upon registration, one hundred seventy-five dollars

Tuition, one half year	\$150.00
Microscope fee	10.00

ARCHIVES

001

. A

1924-25a

2d part

NEW YORK UNIVERSITY

II. Two Payment Plan—Cont.

University fee.	\$10.00
Student publications	5.00
March 14, 1925, one hundred fifty-three dollars and seventy-five cents	
Tuition, one half year	150.00
Interest	3.75

III. Four Payment Plan

Upon registration, one hundred dollars	
Tuition, one quarter year.	\$75.00
Microscope fee	10.00
University fee.	10.00
Student publications	5.00
December 15, 1924, seventy-seven dollars and eighty-one cents	
Tuition, one quarter year.	75.00
Interest	2.81
March 14, 1925, seventy-six dollars and eighty-seven cents	
Tuition, one quarter year.	75.00
Interest	1.87
May 15, 1925, seventy-five dollars and ninety-four cents	
Tuition, one quarter year.	75.00
Interest94

The university fee, fee for student publications, and the microscope fee must always be paid at the beginning of the year.

Examination fee for the degree of doctor of medicine is payable before the first of May.

Alumni of the University Medical College, the Bellevue Hospital Medical College and the University and Bellevue Hospital Medical College are admitted without fee to the lectures and clinics of the third and fourth years.

Fees cover all expenses of the college except the course in practical obstetrics.

Fees for Special Students, 1924-1925

A course in one or more of the eight departments of practice of medicine, surgery, obstetrics, therapeutics, pathology, pharmacology, physiology, anatomy, and chemistry may be taken separately at the rate of \$50.00 for each department, and entitles the holder to all the exercises

MEDICAL COLLEGE

connected with the department, but attendance upon them will not count in any way toward graduation.

Laboratory courses in dissection, chemistry, normal histology, pathological histology, pharmacology, gross pathology and autopsies each.	\$25.00
Laboratory course in clinical microscopy open to graduates in medicine only	25.00

Course of Study

The course of study required of all students who are candidates for the degree of doctor of medicine extends over four years.

All work in the curriculum set forth on page 52 in outline is required.

When instruction in any subject is continued for two or more years, the instruction given in each year is different, and students are required to pass satisfactory examinations at the end of each session before taking up the work of the following year.

The faculty reserves the right to terminate the connection of any student with the institution at any time on the ground of what it regards as moral or mental unfitness for the profession, or improper conduct while connected with the college.

The curriculum as published is subject to changes to be submitted by the curriculum committee upon the adoption by the faculty.

NEW YORK UNIVERSITY

Summary of Studies

FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
Chemistry, L. 50, R. 16, L. W. 96.	Physiol., L. 96, R. 64, L. W. 96.	Medicine, L. 64, R. 128, S. 64, C. 96.	Medicine, S. 180, C. 64, R. 32.
Physiological Chemistry, L. 64, R. 16, L. W. 96.	Path. Phys., L. 32, R. 16, L. W. 48.	Surgery, L. 64, R. 64, S. 64, C. 96, Conf. 32.	Surgery, S. 144, C. 32, Conf. 32, R. 32.
Gross Anat. & Gross & Micros. Neurol., L. 16, R. 16, L. W. 480.	Phar., L. 80, R. 48, L. W. 96.	Obstetrics, R. 64, Pract. Obstet., 3 weeks.	Obstetrics, L. 16, R. 16, S. 24.
Microscopical Anatomy & Embry., R. 16, L. W. 240.	Gen'l. Path., L. 32, L. W. 192, R. 48.	Gynec., R. 32, L. 32.	Gynec., S. 48.
Military Science, L. 32.	Phys. Diag., 64.	Therap., Conf. 10, L. 6, S. 18.	Therap., Conf. 10, L. 6, S. 18.
	Medicine, C. 16, R. 16.	Therap., L. 32, R. 32.	Ophth., L. 32, S. 24.
	Surgery, C. 16, R. 16	Gross Path., S. 64.	Gros Path., S. 36.
	Bact., L. 16, L. W. 96	Applied Pathology, R. 16, L. W. 32.	G. U. Surg. S. 36.
	Op. Surg., L. W. 48	Pediat., L. 32, R. 32.	Orthopedic Surg., L. 32, S. 24.
	Surg. Anat., L. 16.	Hygiene, L. 32, L. W. 64.	Neurol., L. 32, S. 24.
	Applied Path., R. 16; L. W. 32.	G. U. Surg., L. 16.	Pediatrics, S. 36.
	Military Science, L. 32.	Otology, L. 16.	Otology, S. 24.
		Laryngology, L. 16.	Laryngology, S. 24.
		Psychiatry, L. 16.	Psychiatry, L. 16.
		Military Science, L. 32.	Derm., L. 32, S. 10.
			X Ray, L. 10, S. 20.
			Special Subjects, L. 20.
			Military Science, L. 32.

L.—Lecture. R.—Recitation. L.W.—Laboratory Work. C.—Clinic. S.—Section Teaching. Conf.—Conference.
The figures indicate the number of hours per session.

MILITARY SCIENCE

MILITARY SCIENCE AND TACTICS

(Reserve Officers' Training Corps)

Professor: Ralph G. DeVoe

This department has been organized as a part of the general Reserve Officers' Training Corps movement in the educational institutions of the country. The object of the Medical Corps Unit of the R. O. T. C. is to give the student, during his regular course in the Medical College, training which will fit him to become, upon graduation, an officer in the Medical Section of the Officers' Reserve Corps of the Army. Medical students who desire to qualify for commissions are required to devote 90 hours each year to this work, but credit for 60 hours may be given for subjects in the regular curriculum which have a military value. This leaves 30 hours, or practically one hour per week, required of each student in this department.

The instruction is divided into two courses, the basic and the advanced. The basic course is given in the first and second years and consists of the following subjects:

<i>First Year</i>	<i>Hours</i>
Organization and Administration	16
Sanitation	2
Military Art	4
Logistics	4
First Aid	4
Total	30

<i>Second Year</i>	<i>Hours</i>
Organization and Administration	2
Sanitation	2
Tactics	12
Military Art	9
Logistics	4
First Aid	1
Total	30

The advanced course is given in the third and fourth years and consists of the following subjects:

MILITARY SCIENCE

<i>Third Year</i>	<i>Hours</i>
Organization and Administration	6
Sanitation	15
Tactics	5
Military Art	4
Total	30

<i>Fourth Year</i>	<i>Hours</i>
Organization and Administration	14
Sanitation	6
Tactics	6
Military Art	2
First Aid	2
Total	30

Students can not be admitted to the advanced course until they have completed the basic course, but students who have satisfactorily completed the basic course in any line unit will receive credit for the same upon presenting satisfactory evidence in the form of certificate and may be admitted directly to the advanced course, at the termination of the sophomore year.

Students in the basic course receive no pay or allowances but students in the advanced course receive commutation of subsistence at the per diem rate annually prescribed by the Secretary of War.

In addition to the work outlined above, each student in the advanced course is required to attend one Medical R. O. T. C. camp during his course. This camp is now held at Carlisle Barracks, Pa. It begins as early in the summer as possible after the closing of the medical schools and lasts for six weeks. At camps the tactical and field duties are emphasized and demonstrated. Each student receives his expenses to and from the camp, and pay at the rate of twenty-one dollars per month for the time spent there. The student is thus afforded a vacation which is pleasant and profitable.

While the special work of this department is, of necessity, military in its nature, it is also professional. A great portion of the work will be found to be applicable to civil practice as well as to military service so that the graduate who may never be called to active duty will find value in the time given to this department.

ANATOMY

ANATOMY

Professor: H. D. Senior
 Associate Professor: Bertram G. Smith
 Assistant Professor (Neuro-Anatomy): Joseph H. Globus
 Instructors: Henry H. Pierson, Margaret Baskervill
 Assistants: G. W. Partridge, C. S. Rogers
 Technician: Lillian Hubinger
 Instructor in Dental Anatomy: E. I. Diamond

First Year

Lectures—One a week throughout the session.

Laboratory Work—

Gross Anatomy—Dissection of the entire body. Fifteen hours a week with recitations throughout the session, except during the time occupied by the course in neurology. Professor Senior, Drs. Pierson, Partridge, and Rogers.

Microscopic Anatomy, Adult and Embryonic—Nine hours a week during the first half session and six hours a week during the second half session, with recitations. Course consists of a preliminary study of the general processes of development followed by a study of the adult organs, fresh and in microscopic sections, and of the developing organs of the pig. Professor Smith and Miss Baskervill.

Neuro-Anatomy, Including Organs of Special Sense, Gross and Microscopic—Sixteen hours a week, with recitations for five weeks during the second half session. Assistant Professor Globus.

Second, Third, and Fourth Years

Facilities are available to senior students, and to recent graduates, for advanced work in anatomy. The courses consist of laboratory work with such informal help in the selection of literature and preparation of materials as may be necessary; there are no fees. The following courses are offered:

- I. Anatomy of the specialties, gross and microscopic. Nervous system, special sense organs, generative organs, etc.
- II. Embryology
- III. Topographical anatomy by means of frozen sections.

Facilities

The dissecting room, which occupies the entire top floor of the new college building, is well lighted and ventilated and is open between the hours of 9 a.m. and 5 p.m. daily.

The microscopical laboratory and the photographic room are on the top floor of the new laboratory building. There are smaller laboratories

PHYSIOLOGY, PATHOLOGICAL PHYSIOLOGY

for advanced work on the top floor of the Carnegie laboratory building. An abundance of fresh and well preserved material is supplied for dissection.

Research Work—Facilities will be provided for students and graduates who wish to do special or advanced work in anatomy.

PHYSIOLOGY AND PATHOLOGICAL PHYSIOLOGY

Professor: Holmes C. Jackson
Associate Professor: Proviso V Prewitt
Assistant Professor: Ernest F. Bostrom
Instructor: Helen C. Coombs
Technician: Walter Turnbull

Second Year

Lectures—Six a week during the first semester. Professor Jackson and Associate Professor Prewitt.

Recitations—Four a week throughout the first semester. These cover the subject matter of the lectures and laboratory work. Associate Professor Prewitt and Assistant Professor Bostrom.

Laboratory Work—Two three hour periods during the first semester. The students are given practical experience with some of the methods of physiological investigation. Emphasis is laid upon accurate observation, logical deduction and well-rounded conclusions drawn from the experiments.

The following subjects are experimentally examined.

Muscle and Nerve—Response to mechanical, thermal, chemical and electrical stimulation; independent irritability of muscle; relation of reaction to strength of stimulus; genesis of tetanus; influence of temperature, fatigue and load upon voluntary muscle; propagation of reaction in nerve and muscle; action current and current of injury; automaticity and response of smooth muscle to stimulation; stimulation of human nerves; ergographic records of fatigue.

Haemodynamics—Mechanics of circulation as demonstrated by the piezometer and mechanical circulatory apparatus; inorganic salts on the heart muscle; the relation of the auricular to the ventricular cycle; vagus control; extra-systole and compensatory pause; the influence of the cervical sympathetic upon vascular and pupillary reactions; vaso-motor changes in the kidney and intestine; influence of vagus, sciatic, superior laryngeal and sensory surface nerves upon respiration and circulation; human blood pressure, arterial, venous and capillary. Effect of respiration and exercise upon blood pressure; production and interpretation of polygraphs.

PHYSIOLOGY, PATHOLOGICAL PHYSIOLOGY

Respiration—Mechanics of respiration; variations in intrapulmonic and intrathoracic pressure in inspiration and expiration and their relation to concomitant blood pressure variations; measurement of tidal, supplemental and vital air; nervous and chemical regulation of respiration.

Nervous System—Conduction in both directions by nerve; efficiency of end organs; resistance at synapses; the central nervous system as the cause of muscle tone; the function of spinal nerve roots; spinal cat showing spinal shock, stepping reflex, flexion reflex, extensor thrust, scratch reflex, reciprocal innervation, etc.; reaction time in man; reflexes in decerebrate and decerebellate frogs and pigeons; reactions in response to stimulation of cerebrum and cerebellum of dogs; decerebrate rigidity, etc.

Sensation and Organs of Special Sense—Projection and referred sensation; specific nerve energy; cutaneous, muscle, pain, gustatory, olfactory, auditory and visual sensation.

Secretion, Absorption and Excretion—Regulation of secretion by nervous and chemical mechanisms; physics and physiology of absorption; urine and sweat excretion. Professor Jackson, Associate Professor Prewitt, Assistant Professor Bostrom, and Dr. Coombs.

Second Year: Pathological Physiology

Lectures—Two a week during the first semester. The subjects presented in these lectures are: Fever, acidosis, pain, inflammation, and retrogressive changes, oedema, functional derangements of the circulatory, respiratory, alimentary, and genito-urinary systems, pathological reflexes, and disorders of metabolism, and the endocrine organs.

Recitations—One a week during the first semester upon the material presented in the lectures and the experimental results obtained in the laboratory.

Laboratory Work—One three hour laboratory period a week throughout the first semester will be devoted to the experimental production, by small groups of students, of the following pathological conditions: Acid intoxication with a mineral acid; carbon-monoxide poisoning; pulmonary oedema; aortic stenosis, aortic insufficiency; mitral insufficiency; acute experimental nephritis with uranium and diphtheria toxin; acute colitis; fatty degeneration; acute pancreatitis and fat necrosis; fat embolism; pancreatic, phlorhizin, and adrenalin glycaemia; hydropericardium cardiac reserve; arterial and ventricular extra-systoles. Associate Professor Prewitt and Assistant Professor Bostrom.

Facilities

Research Work—Students and graduates in medicine with sufficient qualifications will be afforded every opportunity to engage in special or advanced work. Professor Jackson.

CHEMISTRY

Aside from the laboratory in which the required practical work is carried on, the department provides rooms for more advanced work. The department is amply supplied with apparatus for the required laboratory work, for demonstrations and for research.

CHEMISTRY

Professor: John A. Mandel

Associate Professor: Alexander O. Gettler

Instructors: Josephine Munson, William C. MacTavish

First Year

Physical Chemistry—A detailed discussion of the laws governing chemical phenomena such as kinetic theory, diffusion, osmosis, electrolytic ionization, dissociation, hydration, surface tension, colloidal states, determination of H ion concentration, electro-chemistry, thermo-chemistry, chemical dynamics and equilibrium and description and use of special instruments used in biological research. Associate Professor Gettler.

Lectures—Five a week for six weeks during first half session.

Organic Chemistry—This course will consist of a review of organic chemistry so as to prepare the student especially for the lectures on physiological chemistry. Professor Mandel.

Lectures—Four a week for six weeks during the first half session.

Recitations—One a week throughout the first half session, on the topics covered by the lectures. Professor Mandel and Associate Professor Gettler.

Laboratory Work—Six hours a week throughout the first half session. Practical instruction is given in quantitative analysis, both volumetric, gravimetric and organic preparations. Associate Professor Gettler and assistants.

Physiological Chemistry—These lectures will discuss the following subjects: The chemical composition of the animal body, carbohydrates, lipins, proteins; the chemistry of blood and other animal fluids and the chemistry of digestion; the chemistry of the internal secretions, milk, foods and nutrition and the chemistry of some of the morbid conditions, especially those affecting the character of the blood and urine. Professor Mandel.

Lectures—Four a week for four weeks during first half, three a week for sixteen weeks during second half session.

Recitations—One a week throughout the second half session on the topics covered by the lectures. Professor Mandel.

PHARMACOLOGY

Laboratory Work—Six hours a week throughout the second half session.

Practical work on the subjects covered by the lectures. Associate Professor Gettler and assistants.

Facilities

The chemical department is equipped with apparatus and a collection of chemicals, with which the lectures are abundantly illustrated by experiments and demonstrations. The chemical laboratory is well supplied with most recent appliances and fixtures, and every facility is given the student to acquire a practical knowledge in chemical manipulations and testing. A small working library of chemical work and reference is also accessible to the students.

Facilities will be accorded to those students who desire to do advanced work in chemistry under the direction of the professor of that department.

PHARMACOLOGY

Professor: George B. Wallace

Associate Professor: Emil J. Pellini

Second Year

Lectures—Five a week throughout the second half session. In this course a systematic and detailed study of the various drugs used in therapeutics is taken up. This comprises a study of the physical and chemical properties of drugs; their action on the body as medicines or poisons; the indications for their use, based on their actions, and the forms and dosage in which they are prescribed. Toxicology, including symptoms and treatment, is also fully entered upon. The lectures are illustrated, whenever possible, by experiments and demonstrations. Professor Wallace.

Recitations—Three a week throughout the second half session, on the subjects discussed in the lectures, Professor Wallace and Associate Professor Pellini.

Laboratory Work—Two three hour exercises a week throughout the second half session. The course is divided into two parts, one devoted to a study of the actions of drugs, the other to a study of their preparations and methods of administration. The actions of drugs are shown by animal experimentation, the students working in small groups and performing the experiments themselves. The purpose of the course is to show how the important functions of the body may be modified by drugs. The nervous system, circulation, kidney, gastro-intestinal tract,

THERAPEUTICS

etc., are studied from this standpoint, the drugs used to produce changes in function being those of therapeutic importance. Conclusions concerning their usefulness in therapeutics are drawn from the experiments. The symptoms and treatment of drug poisoning are also studied.

In the other part of the course the students individually study the drugs discussed in the lectures, making pharmacopoeial preparations, writing and putting up prescriptions, studying incompatibilities, and methods of administration. The detection of poisons and the physiological testing of drugs are also considered. Professor Wallace and Associate Professor Pellini.

Facilities

An adequate supply of apparatus and material is furnished for the experimental work. The laboratory is well equipped with a large assortment of drugs and their preparations, and apparatus necessary for pharmaceutical and chemical work.

THERAPEUTICS

Professor: Samuel A. Brown
Clinical Professor of Medicine: John Wyckoff
Assistant: Floyd C. Raymond

Third Year

Lectures—Two a week throughout the session. In this course there will be a systematic consideration of the use of drugs in the treatment of disease and the principles and applications of other therapeutic measures. Professors Brown and Wallace.

Recitations—One a week throughout the session, covering the subjects discussed in the lectures. Clinical Professor Wyckoff and Associate Professor Pellini.

Fourth Year

Lectures—Applied therapeutics, including electrotherapeutics, hydrotherapy, massage, etc. Professor Brown and Clinical Professor Wyckoff.

Practical Work—In connection with the bedside teaching in clinical medicine in Bellevue Hospital and college clinic, every opportunity is afforded for a thorough training in practical therapeutics. Professor Brown and Clinical Professor Wyckoff.

Conferences—Reports on assigned cases in the hospital and college clinic will be presented at these conferences, and the indications for treatment especially considered. The comparative value of the various

PATHOLOGY

medicinal and therapeutic means generally employed in the treatment of different diseases will be fully discussed.

Prescription writing and compounding. Professor Brown and Mr. Raymond.

PATHOLOGY

Professor of Pathological Histology: Alexander Fraser
Professor of Gross Pathology: Douglas Symmers
Professor of Neuropathology: Charles B. Dunlap
Assistant Professor of Pathology: Charles G. Darlington
Lecturers: J. F. Fraser, E. D. Friedman
Instructors: B. Schwartz, W. J. Tiffany
Assistants: H. C. Falk, M. J. Kutisker, C. Gruggel, T. J. Curphey, S. L. Hornstein
Technicians: P. Doran, R. Hladik

Second Year

Lectures—One a week throughout the session.

Recitations—One a week during the first half session and two a week during the second half session.

Laboratory Work—Three hours a week during the first half session and nine hours a week during the second half session. The course includes the study of gross and histological material, together with the clinical histories of the cases from which the material is taken. Cases with fresh material are frequently presented. The latter part of the session is devoted to special pathology including a complete course in neuropathology, Professors Fraser and Dunlap, Assistant Professor Darlington and Dr. J. F. Fraser

Third Year: Gross Pathology

The class is divided into sections of 10-12 men and each section receives two hours per week of instruction throughout the entire session. The work is divided as follows:

(1) Systematic study of preserved specimens supplemented by fresh autopsy and surgical material. Clinico-pathological conferences.

(2) Sections are taken to autopsies at St. Vincent's, New York Foundling, and Manhattan Maternity Hospitals. The students copy the clinical histories, write the autopsy protocols and subsequently discuss the cases at clinico-pathological conferences.

(3) Autopsy technique—Each week throughout the entire session one or two autopsies are performed by the students themselves, so that at the end of the session each student will have taken an active part in

APPLIED PATHOLOGY

the performance of at least six autopsies. The material obtained is made use of in the other courses and the cases are discussed at the conferences. Professor A. Fraser, Assistant Professor Darlington, and Drs. Friedman and J. F. Fraser.

Fourth Year: Gross Pathology

Autopsies—During the second half of the session, small groups of students attend in the autopsy rooms of Bellevue Hospital three hours daily for a period of two weeks, during which they witness the performance of autopsies on patients who have died in the wards of Bellevue Hospital or investigated under the auspices of the chief medical examiner because of peculiar circumstances attending death. The course is designed to correlate clinical symptoms with the changes revealed by death and to familiarize the student with the methods employed in the investigation of death by crime and casualty. The quantity of material available for teaching in this course is enormous. Professor Symmers and Dr. Schwartz.

Conferences—Small groups of students are taken at regular intervals to the pathological laboratory at Bellevue Hospital and material is removed, each organ being demonstrated to them microscopically and otherwise with particular reference to the clinical features as they have been observed in the wards. Professor Symmers.

A conference is held in the amphitheatre of the pathological laboratory at Bellevue Hospital every Wednesday and Saturday morning throughout the year. Autopsies are performed before the students on the bodies of patients whom they have observed during life in the wards of the hospital. Particular attention is given to the discussion and correlation of anatomical and clinical findings. Professor Symmers.

Facilities

The pathological department is equipped with a well-stocked and steadily enlarging museum of morbid specimens, with laboratories in which such specimens are prepared for the museum, and with a clinical laboratory fitted for the examination of material from the hospital and college clinic.

Research Work—Properly qualified students or graduates in medicine will be afforded every opportunity for carrying on special or advanced work along morphological or experimental lines. Professor Fraser.

APPLIED PATHOLOGY AND CLINICAL MICROSCOPY

Professor: Arthur R. Mandel
Lecturer: Joseph E. Connery

Instructor: B. Dubovsky
Assistant: Helene Carson

BACTERIOLOGY AND HYGIENE

Second Year

Laboratory Work—Two hours a week for the second half session is devoted to practical instruction in the microscopical and chemical examination of blood and feces with a view to the application of the results in diagnosis. Professor Mandel, Drs. Connery and Dubovsky.

Recitations—One hour a week is devoted to a recitation from a textbook upon clinical diagnosis. Professor Mandel.

Third Year

Laboratory Work—Two hours a week for the first half session are devoted to practical instruction in the microscopical and chemical examination of urine, sputum, vomitus and stomach contents, inflammatory exudes, etc., with a view to the application of the results in diagnosis. Bacteriological and serological methods are also taught when serviceable. Professor Mandel, Drs. Connery and Dubovsky.

Recitations—One hour a week is devoted to a recitation from a textbook upon clinical diagnosis and upon the methods used in the laboratory work and the interpretation of results. Professor Mandel.

Facilities

The clinical laboratory is open to those students of the fourth year who are required to make examinations of material from cases in the hospital or the college clinic in connection with their section teaching in clinical medicine and surgery. It is provided with the necessary equipment for the examination of urine, sputa, blood, inflammatory exudates, etc., contains a small working library, and the instructors in clinical microscopy and pathology will assist the students in applying the appropriate methods of examination and in planning such original investigations as they may desire to undertake.

BACTERIOLOGY AND HYGIENE

Professor: William H. Park

Associate Professors: Charles Krumwiede, Robert J. Wilson*

Assistant Professors: Willis C. Noble, Abraham Zingher

Lecturers: S. Josephine Baker, W. H. Guilfooy, Louis I. Harris, A. J. Provost, Jr., May C. Schroeder.

Instructors: Georgia Cooper, Willa C. Noble, Charles R. Tyler, Harriet L. Wilcox, Lucy Michulow, Florence Knacke

Assistant: Lily Day

Research Bacteriologist: Annis E. Thomson

*On leave of absence

MEDICINE

Second Year

Bacteriology: Laboratory work, three hours twice a week during one half of the session. In this course the students are taught the technique of bacteriological examinations; the methods of obtaining pure cultures and the methods of studying species after isolation. Later they study the pathogenic bacteria and protozoa which are of medical importance, emphasis being placed on those more commonly encountered. This study is primarily from the standpoint of disease production and its application to the bacteriologic diagnosis in infections. The course includes the practical application of bacteriology in the detection of carriers, the examination of water, milk, and disinfectants.

Lectures—One hour a week, during one half of the session.

Associate Professor Krumwiede and Assistant Professor Noble.

Preventive Medicine—Lectures, one hour a week during one half of the session. Professor Park.

Third Year

Immunology—Laboratory work, two hours a week during one half of the session. The development of antitoxins, agglutinins and other antibodies is studied. Practical work is given in the application of serological reactions in the study of bacteria and in the diagnosis of disease. The practical application of antitoxins, serums and vaccines for prophylactic and curative purposes is emphasized. The student is given the opportunity of seeing the methods employed in the preparation of antitoxins and other antiserums, of bacterial vaccines, of the vaccines for hydrophobia and smallpox. The Schick test and the use of toxin-antitoxin is demonstrated by testing the students and immunizing those who do not possess an antitoxic immunity against diphtheria. Associate Professor Krumwiede and Assistant Professors Zingher and Noble.

Hygiene—Quizzing, inspections and demonstrations—Two hours a week during one half of the session and an additional two days for inspections.

Lectures—One hour a week throughout the session. The control of communicable diseases; infant welfare work, school, industrial and personal hygiene; public health administration; vital statistics; water and milk supplies; sewage disposal; ventilation and disinfection will be carefully considered. Professor Park, Associate Professor Krumwiede, Assistant Professor Zingher, and Drs. Baker, Harris, Provost, Schroeder, Berry, Freeman, and Guilfooy.

MEDICINE

Professor of Clinical Medicine: Harlow Brooks

Assistant Professor: Warren Coleman

MEDICINE

Clinical Professors of Medicine: L. K. Neff, M. Manges, A. Meyer, M. Fishberg, W. J. Pulley, T. J. Abbott, J. F. Nagle, E. P. Shelby, J. T. J. Bird, J. Wyckoff, L. B. MacKenzie, S. R. Blatteis.

Lecturers: E. F. Russell, E. S. McSweeney, W. A. Purrington, C. J. Tyson, M. Sturtevant, H. V. Guile, D. H. Barash

Instructors: B. L. Robins, M. P. Cowett, A. C. De Graff,* E. J. Riley, G. N. Slattery, L. L. Shapiro, L. H. Fisher, M. Barshak, J. Miller, T. B. Weinberg, M. A. Ramirez, I. J. Levy, J. E. Sawhill, D. L. Englesher, G. S. Comstock

Second Year

Elementary Clinic—Once a week, during the second half session, an elementary clinic is held, at which the students are taught to consider cases of diseases as illustrating departures from the physiological condition. The course is intended to introduce to the students cases of diseases in which there are clearly defined manifestations of disturbances in the functions of some particular organ or system of organs. Professor Wallace.

Recitations—One a week for one half the session. Dr. MacKenzie.

Physical Diagnosis. First half of session—Recitations. Two hours a week for 16 weeks.

Practical Exercises—1 hour a week for 16 weeks. For this work, the class is divided into sections. Drs. Tyson, Robins, Cowett, Shapiro, and Sawhill.

Second half of session—Practical Exercises—2 hours a week for 16 weeks. Special emphasis is given to the study of normal individuals, the students working upon one another for the most part. Patients are exhibited primarily to illustrate variations from the normal and not for the purpose of diagnosis. Assistant Professor Coleman, Clinical Professor Pulley, and Dr. Sawhill.

Third Year

Lectures—One a week throughout the session. In this course thorough consideration is given to the more important diseases. Professor Brooks.

Recitations—Four a week throughout the session. Professors Brooks and Carlisle, Clinical Professor Blatteis, and Dr. Ramierz, and lecturers and instructors in medicine.

Clinics—Two a week in Bellevue Hospital, throughout the session, by Professors Carlisle, Brown, and Assistant Professor Coleman, and one clinical lecture a week in the college clinic by Clinical Professor Pulley.

Practical Work—Hospital, bedside, and dispensary teaching, in medical and physical diagnosis, to small sections of the class in the wards of Bellevue Hospital, and in the college clinic.

*On leave of absence.

MEDICINE

Fourth Year

There are no didactic lectures on medicine during the fourth year. The work is wholly practical and clinical.

Clinics—Two general clinics a week throughout the session. Professors Carlisle, Brown, and Assistant Professor Coleman.

Section Teaching—In Bellevue Hospital. The entire fourth year class is assigned to practical work in Bellevue and other hospitals daily from 9 a.m. to 12 m. Students are regularly placed in charge of cases in the wards, are required to take the histories, make daily notes of the progress of the disease, and microscopical and bacteriological and chemical examination of the blood, sputum, urine, etc. They watch the treatment as conducted by the attending staff. Thus they have opportunities to study the natural history of disease as presented by the patients, and can follow cases of typhoid fever, pneumonia, etc., throughout their course from the beginning to their termination and in the event of death, can witness the autopsies. The bacteriologic and microscopic work is done under the supervision of special instructors assigned for this purpose. Professors Brown, Abbott, Assistant Professor Coleman, Clinical Professors Nagle, MacKenzie, Drs. Guile, Slattery, and Sturtevant.

In other hospitals. Clinics and section teaching will be given during the second half session by the members of the faculty on duty in other hospitals of the city, similar in character to that given in Bellevue Hospital. Members of the faculty are attached to the attending staffs of the Harlem, City, St. Vincent's, Mt. Sinai, Roosevelt, Gouverneur, Lebanon, Presbyterian, New York Foundling, Willard Parker, Riverside, the New York Eye and Ear Infirmary, Montefiore and Beth Israel Hospitals, etc.

In the college clinic. Practical clinical instruction in physical and medical diagnosis will be given to the students in sections by members of the faculty and instructors in the college clinic and the out-patient department of Bellevue Hospital.

Individual Study—Members of the graduating class will, from time to time, be assigned to special cases for study in the wards of Bellevue Hospital, in the out-patient department and in the college clinic. Students will be expected to make complete clinical examinations of these cases, prepare histories, and make the necessary examinations in the clinical laboratories, of the various secretions of the body, such as the sputum, urine, blood, stomach contents, intestinal discharges, etc., under the direction of the instructor in clinical microscopy.

Medical Conferences—Reports on the cases thus assigned will later be made at medical conferences. At these conferences students will discuss the case and will be expected to be prepared to answer questions in rela-

SURGERY

tion to the case, and to discuss it with other students in the section. From time to time special topics may be assigned to various members of the class for study and the presentation of short papers for discussion at the conferences.

Recitations—Once a week throughout the session. Clinical Professor MacKenzie.

SURGERY

Professor: George D. Stewart

Associate Professor: Arthur M. Wright

Professor of Clinical Surgery: William C. Lusk

Clinical Professors of Surgery: W. H. Barber, C. G. Burdick, J. Douglas, C. Goodman, H. A. Haubold, I. Levin, T. A. Smith, R. P. Wadhams, C. W. Walker

Lecturers: A. Johnson, A. G. Keane, L. C. Lange

Instructors: F. Beekman, J. V. Bohrer, S. B. Burk, G. F. Cahill, L. W. Crossman, W. T. Doran, H. B. Eisberg, H. C. Falk, E. A. King, G. A. Koenig, M. J. Kutisker, E. M. Livingston, J. Nelson, H. C. Russell, L. Sanman, I. E. Siris

Assistants: A. S. Bogatko, D. W. Cady, F. A. Diasio, B. Hannan, M. J. Klein, A. Lightstone, M. Loeb, S. S. Markell, M. Meltzer, C. Rogers, B. Sherwin, F. X. Timoney, M. J. Tobias, M. Weinstein, H. M. Wertheim, F. R. Weston, H. C. Whiting

Lecturer on Regional Anesthesia: Gaston Labot

Instructors in Anesthesia: A. M. Foschee, J. E. Lumbard

Second Year

Clinic—One surgical clinic a week during the first half session. Professor Stewart.

Operative Surgery: Laboratory Work—On the cadaver, three hours a week in sections during the second half session. Clinical Professor Walker, Dr. Lange and instructors.

Surgical Anatomy: Lecture—One hour a week during the first half session. Clinical Professor Walker.

Lecture-Recitations—One a week on the principles of surgery during second half session. Clinical Professor Haubold.

Third Year

Lectures—Two a week throughout the session, on the principles and practice of surgery. A part of this time, however, will be devoted to recitations on the most important features of the topics under consideration. In these exercises careful deliberation will be given to general,

SURGERY

regional, and operative surgery. The class will be presented with a systematic classification of the topics taught. Professors Stewart, Associate Professor Wright, Clinical Professors Douglas and Wadhams.

Recitations—Two a week, throughout the session, on the subjects covered by the lectures and assigned surgical topics. Drs. King and Russell.

Conferences—One a week throughout the session. Professor Stewart.

Clinics—Two general clinics a week, throughout the session, in Bellevue Hospital. Professor Stewart and Clinical Professor Douglas. One clinical lecture a week in the college clinic. Clinical Professor Haubold and Dr. Keane.

Section Teaching—In the college clinic and out-patient department of Bellevue Hospital. Sections of the class will receive instruction in surgical diagnosis and treatment.

Fourth Year

Clinics—One general surgical clinic a week, throughout the session, in Bellevue Hospital. Professor Stewart.

Section Teaching—Bellevue Hospital. In small sections, under competent supervision, the students are required to practice history-taking, and to familiarize themselves with the details of the diagnosis, care, and treatment of patients. The histories of patients and the conclusions resulting from their study by the students are utilized as a means of instruction by the professors in charge of the surgical conferences. In this manner the entire graduating class is continuously informed regarding the practice of the surgical ward, and each member in turn is afforded an opportunity of gaining a degree of practical surgical experience, under responsible guidance, unequalled by many years of private practice. Professor Stewart, Associate Professor Wright, Clinical Professors Douglas, Smith, Burdick, Wadhams, Barber and Drs. Cahill, Koenig, Russell, Nelson, Siris, Doran, Bohrer, and Livingston.

In the Harlem, City, Mt. Sinai, and other hospitals, clinics and section teaching are given during the second half session, by members of the faculty on duty.

Practical Work in the Hospital Outlined—Surgical cases in the hospital are assigned to individual students for special study. They are required to take the histories of the cases, make such examinations of blood, urine and morbid specimens, in the clinical laboratory, as may be necessary for diagnosis, and to outline the proper treatment. Reports of these cases are prepared by the students having them under observation, and are read by them at the surgical conferences. Also special opportunities are afforded to study the administration of anesthetics. Students are given

SURGERY

instruction in bandaging and the application of surgical appliances; also, they are taught at the *bedside* to examine, diagnosticate and treat surgical diseases and injuries.

In the *operating room*, small sections of the class receive instruction in the treatment of surgical cases, including amputations, fractures, dislocations, appendectomies, minor surgery, etc. This plan of instruction makes the student familiar with the special and general requirements of the surgical treatment of miscellaneous cases.

Experimental Surgery—Each section receives a short course, four two hour periods, in experimental surgery, the aims of which are to teach the student aseptic surgical technique and to acquaint him with the more advanced surgical problems. Clinical Professor Barber and Dr. Eisberg.

Recitations—One a week throughout the session. Dr. Koenig.

Conferences—One a week throughout the session. Professor Stewart.

Genito-Urinary Surgery and Diseases

Professor: Alfred T. Osgood

Clinical Professor: Alexander R. Stevens

Instructors: W. H. McNeill, Jr., O. S. Lowsley, C. W. Collings, H. E. Plummer

Third Year

Lectures—One a week during the second half session on the principles and practice of genito-urinary surgery. Professor Osgood.

Fourth Year

Bedside instruction in the wards, Bellevue Hospital, to small sections of the class. This course includes a systematic presentation of pathology, diagnosis, and treatment of diseases of the penis, urethra, prostate, seminal vesicles, testis, bladder, and kidneys. The use of the cystoscope and endoscope will also be demonstrated as well as the valuable diagnostic aid derived from ureter catheterization and radiography in its relation to diseases of the urinary tract. The course is abundantly illustrated with cases of the diseases under discussion, and each student in turn is given the opportunity to personally examine such illustrated cases. Professor Osgood and Drs. Stevens, McNeill, and Collings.

Section Teaching—Small sections of the class receive practical instruction in the diagnosis and treatment of genito-urinary diseases in the college clinic. Drs. Collings and Plummer.

Special Work—The facilities of the clinical laboratory are at the disposal of students desiring to use them for the study of cases.

ROENTGENOLOGY

Orthopedic Surgery

Professor: Reginald H. Sayre
Clinical Professor: Philip W. Nathan
Instructors: F. J. Wettervik, H. J. Keller, R. Burbank

Fourth Year

Lectures—Two clinical lectures a week during the first half session, in the college; where cases illustrative of the various deformities and of different diseases are presented in person and shown upon the screen and methods of treatment demonstrated. Professor Sayre.

Section Teaching—Practical instruction in the diagnosis and treatment of cases in the college clinic, students personally make diagnosis, apply plaster of Paris dressings, adjust splints of various kinds, and observe the practical application of vaccine therapy in the various arthritides. Professor Sayre and Drs. Wettervik, Burbank, and Keller.

At the Montefiore Home, the section teaching includes the etiology and treatment of chronic joint diseases with special reference to hydrotherapy and mechanotherapy. Clinical Professor Nathan.

Diseases of the Rectum

Special instruction is given on the surgical anatomy of diseases of and operation on the rectum, illustrated by special dissections and instrumental demonstrations to small sections of the class. The demonstrations are given immediately under the observation and with the aid of the students. Dr. Huppert.

ROENTGENOLOGY

Professor: Leon T. LeWald
Instructors: J. G. Boyes, D. E. Ehrlich

A course of instruction in the use of the X ray in medicine and surgery is given in the Edward N. Gibbs Memorial X Ray laboratory.

Third Year

Lectures—One or more during the second half of the session on the relation between roentgenology and medicine. Professor LeWald.

Fourth Year

Lectures—One a week during the first half session. (1) History of roentgenology and demonstration of various forms of roentgen apparatus. (2) Interpretation of roentgenograms, paying especial attention to variation in normal anatomy and physiology. (3) Regional

OBSTETRICS

pathology as disclosed by roentgen examination with especial stress on diagnosis of diseases of the digestive tract of children and adults. (4) Roentgenology in relation to the other specialties in medicine and surgery. Professor LeWald.

Laboratory Work and Section Teaching—Five times a week for a period of two weeks during the second half session at the Edward N. Gibbs Memorial X Ray laboratory or Willard Parker Hospital. Technique of routine X ray examination with interpretation of findings proven by surgical operation, autopsy, or prolonged clinical study, including various types of fractures, dislocations, malignant growths, foreign bodies, pathological changes of circulatory and respiratory systems, and lesions of the urinary and digestive tracts, etc. Fluoroscopic interpretations especially relating to diseases of the chest and abdomen. Professor LeWald, Drs. Ehrlich and Boyes.

Facilities

The college is fortunate in having the Edward N. Gibbs Memorial X Ray laboratory established in the Carnegie laboratory extension. The laboratory contains a collection of instruments illustrating the development of the science of roentgenology, and is equipped with modern apparatus suitable for the diagnosis and study of obscure forms of disease by means of the X ray.

OBSTETRICS

Professor: Austin Flint
Associate Professor: Frederick W. Rice
Clinical Professor: William M. Ford
Lecturer: Frederick C. Freed
Instructors: A. M. Reich, R. W. Nutter, W. H. Hawkins, E. H. Dennen

Third Year

During the past year the department of obstetrics has further reorganized its former methods of teaching obstetrics. In the future, the teaching in the third year will be devoted almost entirely to the study of normal obstetrics.

Recitations—The theory of normal obstetrics is taught by recitations held twice each week throughout the entire year. The subject matter is limited to the study of the anatomy of the pelvis, including the anatomy of the organs of generation, the physiology and development of the ovum, the physiology and management of normal pregnancy, labor and the puerperium. During the second half session, the complications occurring during pregnancy, labor and the puerperium, including the toxæ-

OBSTETRICS

mias of pregnancy are also considered. For these recitations the class is divided into four sections and the subject matter is assigned in advance from a standard textbook.

Lectures—In conjunction with the recitations special lectures on metabolism of pregnancy are given to the entire class by Associate Professor Prewitt of the department of physiology.

Pathology—The department of pathology has arranged a complete course in pathological conditions incident to pregnancy. This course provides for the study of specimens of cases from the obstetrical services at Bellevue Hospital and Manhattan Maternity Hospital. In each case, as far as possible, the clinical history is studied in conjunction with the gross and microscopic specimens.

Clinical Instruction—Throughout the year small sections are assigned twice each week for two hour periods to the prenatal clinics and wards of Bellevue Hospital and Manhattan Maternity Hospital. At the prenatal clinics, under the direction of instructors from the teaching staff, students have opportunity to observe clinically a large number of cases of normal pregnancy, and are instructed in the methods of prenatal care. In the wards normal cases only are assigned for study. During the second half of the year clinics devoted to the management of normal labor and the puerperium are held once a week for the entire class at the Manhattan Maternity Hospital.

Practical Obstetrics—During the summer months students are assigned for periods of two weeks to either the Manhattan Maternity, Nursery and Child's or the New York Lying-In Hospital for practical work. This course is arranged to give the students an opportunity to personally care for cases in their homes. The work is supervised in each hospital by instructors who are on duty in the hospitals. On the completion of the course certificates are issued to students who have attended all the demonstrations arranged by the hospital and have delivered the required number of cases.

Manikin—During the second half of the year small sections of the class have demonstrations and an opportunity to perform the usual obstetrical operations on the manikin. This includes the application of forceps—the technique of versions and the extraction of breech presentations.

Fourth Year

Lectures and Clinics—Once each week throughout the year Professor Flint or Associate Professor Rice will give a lecture or clinic for the entire class. Lectures during the year by Professor Flint will cover the pathology of pregnancy, labor, puerperium, and obstetric surgery. Clinics

GYNECOLOGY

will be held in connection with these lectures at intervals at Bellevue Hospital or Manhattan Maternity Hospital.

Ward Work—The extensive clinical material available in the obstetrical wards at Bellevue Hospital and Manhattan Maternity Hospital affords an opportunity for thorough teaching of practical obstetrics.

During the first half of the year this teaching is done entirely at Bellevue Hospital. The class is divided into sections of suitable size so that each student may have at least two weeks' instruction in the wards and operating room. During this time, instruction is given six days a week from nine to twelve. Normal cases, occurring during these hours are delivered by students under the direct supervision of the instructor on duty. Abnormal cases occurring during these hours are delivered by the instructor or by the hospital staff, and one or more students act as assistants. Thus, while on duty at the hospital, students have the opportunity, under the supervision of an instructor from the teaching staff, to study cases in labor, deliver normal cases, assist at obstetric operations and familiarize themselves with the routine care of the mother and baby in the wards and nursery.

In addition, students are given practical demonstrations on the details of obstetrical nursing and care of the mother and baby by the supervising nurse in charge of the service.

Once each month a section of students is instructed at one of the maternity centers in the practical methods of prenatal care and the necessary preparations for deliveries in the home.

Each student during the time he is on duty in the hospital must prepare and submit a written report of some case which has come under his observation. A certain number of these papers are selected to be read and discussed by the students in a conference of the entire class once each week during the second half of the year. These conferences are presided over by Professor Flint or Associate Professor Rice.

During the second half of the year the service at either the Manhattan Maternity Hospital or the Nursery and Child's Hospital is utilized for clinical teaching as far as possible along the same lines. The available material at these hospitals limits the instruction to three days a week instead of six.

GYNECOLOGY

Professor: Frederick C. Holden

Clinical Professor: Onslow A. Gordon, Jr.

Lecturer: Edwin W. Holladay

Instructors: D. N. Barrows, F. W. Sovak, T. E. Lavell, W. M. Higgins,
A. B. Timm, E. W. Beckwith, H. C. Falk

PEDIATRICS

Third Year

It is the intention of the department that the third year students be instructed primarily in gynecological pathology and diagnosis. This is accomplished by:

Lectures and Recitations—One each week throughout the session on a subject assigned in advance, upon which the students are prepared. Professor Holden.

Section Teaching—The session is divided into trimesters. The first trimester is occupied by recitation work from the text. The second trimester is devoted to a study of gynecological pathology. During the third trimester the work is in the out-patient department of Bellevue Hospital, where there is afforded a wonderful opportunity for clinical study. To facilitate this work the class is divided into eight sections, each instructor having two sections once a week. A written examination is held at the close of each trimester. Drs. Barrows, Higgins, Sovak, Lavell, and Timm.

Fourth Year

Section Teaching—The class is divided into eight sections, each section having one month of intensive gynecological training. The students are in the wards of Bellevue Hospital three mornings a week. Cases are assigned to the individual students and they are held responsible for the history, physical examinations, and routine laboratory work. Following a thorough study of the case the student submits his report accompanied by his provisional diagnosis. The characteristic, as well as the unusual cases are discussed in conference by the entire section. Each student follows his case to the operating room or until the time of discharge from the hospital. Clinical Professor Gordon and assistants.

Operative Clinics—The entire section on duty in the hospital attends the operative clinic one morning a week. Professor Holden.

PEDIATRICS

Emeritus Professor: William P. Northrup

Professor: Rowland G. Freeman

Clinical Professors: A. F. Hess, C. F. Collins, Stanley Brady, W. L. Carr, W. M. Hartshorn, H. R. Mixsell

Lecturer: E. S. Rimer

Instructors: L. B. Sachs, T. W. Carey, A. T. Martin, I. H. Goldberger, R. G. Freeman, Jr., B. Ratner

Third Year

Lectures—One a week, throughout the session on the normal infant

NEUROLOGY, PSYCHIATRY

and child, methods of examination, the general care and feeding of the growing infant, and the diseases of children. Professor Freeman.

Recitations—One a week throughout the session. Drs. Sachs and Freeman, Jr.

Fourth Year

Section Teaching—Bedside instruction in the feeding of infants, in the diagnosis and treatment of diseases of children, history taking and recording in the Roosevelt Hospital, St. Luke's Hospital, Harlem Hospital, New York Foundling Hospital, City Hospital, the Hebrew Orphan Asylum. Professor Freeman, Clinical Professors Hess, Collins, Carr, Brady, Hartshorn and Mixsell.

Instruction in contagious diseases in the Willard Parker Hospital. Clinical Professor Mixsell, Drs. Carey and Goldberger.

NEUROLOGY

Professor: Edward D. Fisher

Clinical Professor: I. Abrahamson

Lecturers: W. Steinach, D. E. Hoag

Fourth Year

Lectures—Twice a week during the first half session. These lectures are clinical, being illustrated by cases of the diseases under discussion, and include a systematic course of instruction in the diseases of the brain and spinal cord; their pathology, diagnosis, and treatment. Professor Fisher.

Section Teaching—1. Bedside instruction or clinics, second half session, in Bellevue Hospital. 2. Instruction in the methods of diagnosis in nervous diseases, in the college clinic. During this course the students have opportunities to examine the patients, with a view to arriving at a diagnosis. 3. Instruction in electrodiagnosis and electrotherapy, in the college clinic. Professor Fisher and Drs. Steinach and Hoag.

Facilities

Clinical material for instruction in nervous diseases is drawn from Bellevue Hospital and the college clinic.

PSYCHIATRY

Emeritus Professor: Carlos F. MacDonald

Professor: Menas S. Gregory

Clinical Professor: Sylvester R. Leahy

Instructor: H. V. Wildman

OPHTHALMOLOGY

Third Year

Lectures and Clinical Demonstrations—One a week, during the second half session. These lectures cover the main facts in modern psychiatry, including the nature, mental mechanisms, causes, diagnosis, prognosis, and treatment of various forms of mental diseases, particular emphasis being given to the important facts and the types of mental disorders which more especially concern physicians in general practice. The course is given in the psychopathic department of Bellevue Hospital, with its wealth of material, especially rich in acute psychoses and mental disorders symptomatic of physical diseases. Some facts in relation to the medico-legal aspects of mental diseases which interest the general practitioner are discussed and instructions given in the examination and commitment of the insane.

Fourth Year

Lectures and Clinical Conferences—One a week during the first half session. The course consists of the discussion and demonstration of mild mental disturbances, with special emphasis on the so-called "borderline" cases and a full discussion of neuroses and psychoneuroses, including their psychological mechanisms and treatment.

Facilities

The clinical material of the psychopathic service at Bellevue Hospital.

OPHTHALMOLOGY

Professor: John M. Wheeler

Clinical Professor: W. H. Wandless

Instructors: B. W. Key, W. W. Weeks, J. H. Dunnington, T. H. Johnson, D. B. Kirby

Fourth Year

Lectures—Two a week during the first half session, on the external and internal diseases of the eye; the former being illustrated by cases, and both by a full series of excellent colored lantern slides. Professor Wheeler.

Section Teaching—Small sections of the class receive practical instruction in the recognition and diagnosis of all the usual external affections of the eye, some practical instruction in the treatment of diseases of the eye and the correction of errors of refraction; also practical instruction in the technical use of the ophthalmoscope, during which the student becomes familiar with the appearances of the normal fundus oculi, and is shown many pathological changes in the fundus oculi. A quiz course is given during the latter part of the college year, covering the subjects gone over in the regular lecture course, for the purpose of review.

DERMATOLOGY AND SYPHILOLOGY

Special Work—Students desiring a more complete knowledge of diseases of the eye, including errors of refraction and their correction and ophthalmic surgery, can, if fitted for the course, obtain facilities for pursuing those studies under the auspices of the college in private classes. Those wishing to make a study of the normal and pathological histology of the eye can also avail themselves of opportunities which will be offered.

Facilities

Clinical material is obtained from the outdoor poor department of Bellevue Hospital, the college clinic, and from the New York Eye and Ear Infirmary. The college clinic is fitted with the necessary equipment for practical work with the ophthalmoscope.

DERMATOLOGY AND SYPHILOLOGY

Professor: William B. Trimble

Clinical Professor: J. J. Rothwell

Lecturer: C. J. Halperin

Instructors: G. A. Cherry, E. R. Maloney

Fourth Year

Lectures—Two a week during the first half session. The lectures are partly didactic, partly clinical. The epidiascope is used to project lantern slides, microscopic sections and photographs to illustrate these lectures. The course consists of a systematic presentation of the diagnosis, pathology, and treatment of cutaneous disease, particular attention being also given to the differential diagnosis between syphilitic and non-syphilitic affections. Lectures covering the subject of syphilis include one outlining the history of the disease and the developments which have led up to our present knowledge of it; two or more on the microbiology, general pathology and experimental work; two or more on the cutaneous manifestations and concomitant constitutional disturbance incidental to the early infectious stage; one on the later manifestations of the disease; one on hereditary syphilis and one or more lectures on the general treatment of the disease. Professor Trimble.

Section Teaching—Instruction in the diagnosis and treatment of diseases of the skin is given to small sections of the class in the college clinic. As the attendance of the outdoor department is very large, students have an excellent opportunity to become familiar not only with the common but with the rarer cutaneous affections. An X ray and high frequency apparatus make up part of the equipment of the clinic, and the method of using these agents in the treatment of skin diseases is taught to section classes. Drs. Rothwell, Halperin, Cherry, and Maloney.

OTOLOGY

Laboratory Work—In the dermatological laboratory and in the college clinic, sections of the class are instructed in the microscopical examination of hairs and scales for parasitic fungi, methods of preparing culture media and differentiation of the dermatophytes. Methods of making biopsies, the manner of using physical agents in dermatology and other minor surgical procedures are also demonstrated. Drs. Rothwell, Halperin, and Fraser.

Facilities

Clinical material for section teaching and for illustrating the lectures is derived from the college clinic, and the wards of Bellevue Hospital.

The dermatological department includes a well-equipped laboratory which is provided with cultures of the parasitic fungi and several thousand sections of the common as well as the rare lesions of the skin. All the types of malignant diseases of the skin are represented in this collection. The laboratory is available for the advanced study of the pathology of cutaneous diseases.

OTOLOGY

Professor: Edward B. Dench

Clinical Professor: C. E. Perkins

Lecturer: W. M. Hunt

Instructors: J. D. Whitham, M. H. Merriman

Third Year

Lectures—One each week, during the second half session, on the diseases of the ear. The various pathological conditions are described and demonstrated to the class by the use of large models. In this manner it is possible to give the class a clear idea of the appearance of the parts. In addition to the use of the models, both wet and dry anatomical specimens are presented for inspection. Particular care is taken to present the subject from the standpoint of the general practitioner and to render each student competent to treat intelligently those diseases of the ear which demand immediate attention. Professor Dench.

Fourth Year

Section Teaching—Small sections of the class receive practical instruction in the examination of the ear and the diagnosis and treatment of aural disease. The section work is given in the college clinic, where the students are given the opportunity to study and to become familiar with all the more common lesions. Clinical Professor Perkins, Drs. Hunt, Whitham, and Merriman.

LARYNGOLOGY AND RHINOLOGY

Operative Otolaryngology—A practical demonstration of the various otological operations is made upon the cadaver before small sections of the class.

Elective Course—Operative clinic on otology at the New York Eye and Ear Infirmary, every Wednesday afternoon at three o'clock and at St. Luke's Hospital every Thursday afternoon at half past two o'clock. Professor Dench. Also every Monday afternoon at the New York Eye and Ear Infirmary at half past two o'clock. Clinical Professor Perkins.

Special Work in Otolaryngology—A special elective course in otology will be given for those students who have completed their section work and desire to avail themselves of this advanced instruction. This work will be carried on in the college clinic, where the material is ample for such instruction. Certain cases will be assigned to students taking this work, and they will be permitted to carry out the actual treatment of these cases, under the supervision of the attending otologists and their clinical assistants. In this way, the student may become familiar with the manual dexterity so necessary in treating cases of this kind. The material furnished by the college clinic is exceedingly large, and will enable students to observe all of the ordinary pathological conditions of the ear which are liable to be met with in practice.

Facilities

The clinical material used to illustrate the lectures and for the section teaching is drawn from the college clinic, the out-patient department of Bellevue Hospital, the New York Eye and Ear Infirmary and other sources.

LARYNGOLOGY AND RHINOLOGY

Professor: Lee M. Hurd

Clinical Professor: John McCoy

Lecturers: A. J. Huey, J. Coleman, L. F. Sturges

Third Year

Recitations—One a week during the second half session. Definite lessons are assigned each week, which are prepared from a text-book. The student is marked on his recitations as well as on his final examinations. Professor Hurd.

Fourth Year

Section Teaching—Small sections of the class are taught the regional anatomy of the nose and throat by means of preserved specimens and models; the methods of rhinological and laryngological examination, with an opportunity to practise those methods on cases, and the medicinal and operative treatment of cases of diseases of the nose and throat. Professor Hurd, Clinical Professor McCoy, and Drs. Huey and Coleman.

SPECIAL AND GRADUATE COURSES

Special Work—An optional course in the diseases of the nose and throat is offered to those students who are prepared to take it. The course will include practical drill in diagnosis and treatment. Opportunities to perform minor operations will also be accorded to students who show sufficient proficiency.

Facilities

The clinical material available for instruction is drawn from the college clinic.

Special Subjects

Short courses of lectures or demonstrations on the following subjects are given during the fourth year:

Pathological Chemistry (Herter Lectures)
Sanatorium Treatment of Tuberculosis
Medical Jurisprudence
Life Insurance Medicine
Ethics in Medicine

Herter Lectureship on Pathological Chemistry

The late Dr. Christian A. Herter, former professor of pathological chemistry in the college, through the Council of New York University provided a fund for an annual course of lectures on this subject.

The lecturer for the session 1924-1925 will be announced later.

SPECIAL AND GRADUATE COURSES

The following courses of instruction, offered to graduates in medicine and others, are designed to meet the needs of those desirous of pursuing special advanced studies along the following lines. In some instances, the courses will be given only upon the application of a sufficient number of students. The prerequisite qualifications for the individual courses vary widely and it is always advisable to consult the head of the department in this regard. It is sometimes possible to take two or more of the courses at the same time. To those requiring more detailed information, folders will be sent on application. For general information with reference to these courses communicate with John Wyckoff, M.D., secretary.

COURSES IN PUBLIC HEALTH AND SANITATION

Those interested in the advancement of public health have long recognized that it would be a great step in advance if sanitary officers in this country were required, before receiving their appointments, to have

PUBLIC HEALTH, SANITATION

suitable knowledge and training in hygiene. The Public Health Commission appointed by ex-Governor Sulzer appreciated this fully, and made in its report a recommendation that "Medical Colleges in New York State introduce courses in sanitary science leading to a degree, which ultimately might be required of all health officers." The Public Health Council, in June, 1915, added a strong recommendation that the universities also give two shorter courses so that the majority of health officers would have at least some additional training to that which they now possess.

Three courses, therefore, have been developed in which laboratory work, lectures, and field work will be combined. The courses follow the suggestions of the Public Health Council. Men and women who have had extensive experience in the service of the Department of Health of New York City will cooperate in making the courses of the greatest value. Residence course: This is one of the most important of the courses, consisting of field work, laboratory work, lectures and conferences, which cover one day a week for twenty-six weeks. The course is given during the fall and spring months. Its scope is similar to that of the correspondence course which is fully described below. The course leading to the degree of doctor of public health for those having a degree of doctor of medicine requires eight months of study and practical work during the first year, the second year being devoted to original work and the writing of a thesis. Those who have not been in public health work must give the greater part of the day for the whole eight months. Those who have devoted themselves to this line of work for two or more years may be given credit for what they have learned and give only the hours required to complete the course, provided that at least 15 hours be given weekly to routine and advanced investigations.

This course will be given if three or more students desire to take it.

Tuition Fees and Credit

New York City offers an unrivalled opportunity for the study of methods of disease prevention. Those who take the eight months' course and pass the practical and written discussions on topics treated in the books will receive a certificate of efficiency in public health. Those having the degree of doctor of medicine, upon the completion of the course and the presentation of a satisfactory thesis showing evidence of nine months' original work on some problem connected with public health or sanitation, will receive the degree of doctor of public health.

The fee for the course leading to the degree of doctor of public health is \$200 for the first year and \$25 for the second year.

The fees for the residence course and for the correspondence course

PUBLIC HEALTH, SANITATION

are \$25. A certificate of attendance on the course is given to those who have taken it after they have successfully passed the examinations.

The approval of the Commissioner of Health of New York City, as well as of the bureau chiefs of the Department of Health, permits the courses to be given under very favorable conditions.

Correspondence Course

This course requires but one week's residence in New York, the balance of the work being taken by correspondence. A new course begins each year on October first, but health officers may commence at any time and finish at any time. The minimum number of hours of home study is three hundred, and the subjects are those selected by the Public Health Council. The reading matter consists of about three thousand printed pages. Those taking the course must designate in advance what days are to be spent in the city so that suitable arrangements may be made for inspections and laboratory work.

Course in Public Health Nursing

This is a coöperative one between the University and the State of New York, and is offered to meet the needs of the public health nurses employed in that State who are required by the Public Health Council to possess certain qualifications. The course consists of 500 hours of supervised reading, divided into about 30 lessons, at the completion of each of which an original thesis dealing with the topic of the lesson must be submitted, together with one week's residence in New York City, which is given over to practical work. Those satisfactorily passing the examinations are granted a certificate of attendance

No fee is required other than the matriculation fee of \$10.

Residence Week

The week's work in the city may be taken either at the end of the course or at an earlier period, if the prescribed reading on communicable diseases, water, milk, and bacteriology has been completed.

Examinations

Those taking the correspondence course will receive advice concerning the books and monographs to be read, and a series of questions covering the subjects studied will be mailed. These questions are to be answered as fully as possible and the answers will be corrected and discussed by experienced persons and returned. A final practical examination is given or in some cases a set of questions is sent in sealed envelopes which must be answered without help. Most of the books used are covered by a series of questions to be used and answered by the readers so that they may judge their own progress.

GRADUATE COURSES

Instructors

The instruction on the subjects included in these three courses is given by Drs. Baker, Guilfooy, Harris, Kirby, Krumwiede, Mandel, Mason, McSweeney, Neal, Overton, Noble, Park, Pease, Provost, Schroeder, Silkman, Smith, Somerset, Trimble, Warren, and Wilson.

Required Books

Each student is required to own a recent edition of a comprehensive book on hygiene and bacteriology. The other books and pamphlets required in the course will be sent by parcel post as required. The only expense for the loaned books will be the postage. A deposit of \$5 will be required to defray the postage and the deterioration of the books. The books used in the correspondence course can be returned or bought at a reduced price.

Fees

The fee for either the correspondence course or the twenty-six days' residence course is \$25 in addition to the registration fee of \$5 for those who have not previously attended the University.

GRADUATE COURSES

Department of Anatomy

201-202. Research in Anatomy—Problems in vertebrate embryology. Assistant Professor Smith.

203-204. Research in Human Anatomy, adult and developmental. Professor Senior.

Department of Chemistry

201-202. Advanced Biological Chemistry. Prerequisites: General and organic chemistry, and quantitative analysis. General study of animal fluids and tissues. Laboratory fee, \$20. Breakage deposit, \$15. Professor J. A. Mandel.

203-204. Research in Biological Chemistry. Professor J. A. Mandel. Consultation hours: Daily 9.00 a.m. to 5.00 p.m. at the Medical College Laboratory.

Department of Pharmacology and Applied Therapeutics

201-202. Research in Pharmacology—Special work in assigned subjects. Professor Wallace.

203-204. Hospital and Laboratory Course in Applied Therapeutics—The therapeutic action of drugs on animals is investigated and their application to patients studied. Professors Brown and Wallace.

GRADUATE COURSES

205-206. Research Course in Applied Therapeutics—Special work, laboratory and clinical, in assigned subjects. Professors Brown and Wallace.

Department of Physiology

Consultation hours: Professor Jackson and Associate Professor Prewitt daily at the Medical College Laboratory.

Work in physics, biology, and chemistry, equivalent to that required for entrance to the medical college, is a prerequisite for all courses in this department.

101-102. Physiology of Nutrition and Diet Selection. Study of the principles upon which normal and special diets are based. Lecture course with conferences, open to students who have completed preliminary work in physiology. Professor Jackson.

203, 204. Advanced Physiology. Laboratory course. Preparation for research work. Laboratory fee, \$15. Professor Jackson.

205, 206. Research in Physiology. Advanced and special work in the laboratory. Prerequisite: Physiology 203, 204, or its equivalent. Laboratory fee, \$20. Professor Jackson.

207. Pathological Physiology. Laboratory course in abnormal function. Prerequisite: Physiology 203, 204. Laboratory fee, \$15. Associate Professor Prewitt.

Department of Pathology

Systematic work along special or advanced lines will be carried out in any of the branches of pathology; gross, microscopic and experimental. Problems for original investigation will be assigned in suitable instances. See bulletin of the Graduate School. Professor Fraser.

Department of Clinical Pathology

These courses are open only to students with the degree of doctor of medicine. Lecture and laboratory course, with special investigations in the following topics:

1. Blood—Methods of investigation of the blood and the study of pathological blood diseases.
2. Animal Parasites—Morphological characters, development, with methods of collecting, preserving, examining, staining, and mounting helminthes met with in tropical diseases.
3. Serology—Complement fixation as in syphilis (Wassermann) and gonorrhoea. Precipitin tests and agglutination reactions.

GRADUATE COURSES

4. Body fluids—Investigations of cerebro-spinal fluid, exudates, transudates and cyst contents.

5. Examination of normal and pathological excreta, as urine, feces, and sputum.

6. Investigations of normal and pathological gastric contents. Professor A. R. Mandel.

Department of Surgery

A postgraduate course is offered to a limited number of graduates of Class A medical colleges who have completed surgical internships in accredited hospitals. It requires three hours of work daily throughout the college year for a period of three and a half years. During this time the postgraduate student is assigned to the departments of surgery, anatomy, pathology, and physiology where he assumes the temporary rank of assistant, under the direct control of the heads of the respective departments. Anatomy is covered in the first year; pathology and physiology in the second year; and the third year is spent in the department of surgery where each member teaches minor, experimental, and operative surgery. In addition, a two hour weekly seminar is held in the hospital wards. Two evenings each month are devoted to reviews of surgical literature. A separate catalogue will be mailed on application.

Regional Anesthesia. This course is also open to all members of the profession whose names do not appear on the register of postgraduate students. The course comprises (1) Lectures on regional anatomy and injection technique, illustrated by lantern slides; (2) Practice on the cadaver, followed by dissection; and (3) Clinical lectures and demonstrations. Dr. Gaston Labat.

Department of Experimental Surgery

101. Experimental Surgery—Introductory course in surgery upon animals. Also open to students who have completed the third year in the Medical College. Professor Barber and Dr. Eisberg. Hours to be arranged. Consultation hours: Daily 12.00-1.00 at the Medical College.

201-202. Advanced Experimental Surgery—Conferences and laboratory work bearing upon the rationale and technique of clinical operation on the abdomen. Open to graduates in medicine. Professor Barber.

203-204. Surgical Research—Prerequisite: Surgery 201-202, or equivalent. Professor Stewart. Hours to be arranged.

Both of these activities are under the personal direction of the professor of surgery. During the months of June and September of each year small sections are assigned to the heads of the departments of gynecology, urology, otology, ophthalmology, physical diagnosis, etc.,

GRADUATE COURSES

for special work. After completing this intramural instruction the student is recommended to the director of a surgical service in a large metropolitan hospital for six months' practical training. Here he will be assigned duties comparable to those of an assistant or adjunct assistant visiting surgeon.

A student devoting full time to the course can cover the work in two years.

Department of Bacteriology and Hygiene

Consultation hours: By appointment at the Medical College.

201. General Bacteriology. Practical work. In this course the students are taught the technique of bacteriological examinations and the methods of obtaining pure cultures of bacteria and of studying species after their isolation. Later they study some of the important pathogenic bacteria and protozoa. Seventy-five hours of laboratory work and thirty hours of lectures and quizzes. Students may volunteer for practical work on the free mornings. Laboratory fee, \$10. Associate Professor Krumwiede and Assistant Professor Noble.

*Monday and Wednesday, 9.00-12.00 or
Tuesday and Thursday, 9.00-12.00*

Full course

211. Immunology. Thirty hours of laboratory work and fifteen hours of lectures and quizzes. Laboratory fee, \$10. Associate Professor Krumwiede and Assistant Professor Zingher.

Friday or Saturday, 10.00-1.00

Half course

213-214. Applied Bacteriology and Hygiene. Those entering this course must have taken, or must take at the same time, the course in general bacteriology or its equivalent. The relations of bacteriology to the prevention of disease will be dwelt upon during the first half of the course. The second half will be devoted to lectures and practical work in connection with hygiene and sanitation. Opportunity will be given to inspect and to be acquainted with the department of health, museums, pasteurizing plants, filtration plants, etc. Two hours of laboratory work and one hour of lectures throughout the year. Laboratory fee, \$10. Professor Park, Associate Professor Krumwiede, and Assistant Professors Noble and Zingher.

Hours to be arranged

Full course

215, 216. Research in Bacteriology and Hygiene. Those desiring admission must have had good training in technical bacteriology. Special courses will be given during the college year, and students can enter at any time. The courses will include some experimental study in bacteri-

PRIZES, HOSPITAL APPOINTMENTS

ology or hygiene—such as etiology of common colds, some improvement in technique in an immunological diagnostic test, the effect of poor ventilation upon the output of work, the control of venereal diseases, the effect of labor on children, etc. Sixty or one hundred and twenty hours. Laboratory fee in bacteriology, \$20. Professor Park and Assistant Professor Noble.

Clinical Departments

The following courses have been arranged and are planned to occupy about six weeks each:

- I. Medicine and Physical Diagnosis
- II. Clinical and Operative Gynecology
- III. Genito-Urinary Diseases
- IV. Laryngology
- V. Ophthalmology
- VI. Pediatrics
- VII. Dermatology

PRIZES AND HOSPITAL APPOINTMENTS

Mott Prize Medals

By the will of the late Dr. Valentine Mott, a founder of the University Medical College, and for many years its president and professor of surgery, perpetual provision was made for the following medals:

A gold medal to the candidate who shall prepare the best anatomical or anatomico-surgical preparation.

A silver medal to the second best preparation.

A bronze medal to the candidate who shall furnish the best notes (typewritten) on recorded cases and remarks of the professor of either of the surgical clinics.

Candidates for graduation, as well as first, second, and third year students, may compete for these medals.

The preparations shall belong to the University Mott prize museum and be labeled with the name of the maker.

Reports of cases shall belong to and be deposited in the library.

The specimens are to be presented anonymously, accompanied by a device or motto.

The medals are not to be awarded except when the specimens presented are of sufficiently good character.

Further information regarding the preparations or reports will be furnished by the professor of anatomy or surgery.

PRIZES, HOSPITAL APPOINTMENTS

Christian A. Herter Research Scholarship

This scholarship was founded for the encouragement of research in chemical pathology, physiological chemistry, or pharmacology. The annual income (\$300) will be awarded each year to a graduate, or undergraduate, who has already demonstrated aptitude for physiological and chemical research.

Glover C. Arnold Surgical Prize

A prize of one hundred dollars is offered to any member of the senior class passing the best examination in general surgery. This prize was established by the family of the late Dr. Glover C. Arnold, a graduate of the Bellevue Hospital Medical College, class of 1873.

Egbert LeFevre Scholarship

This scholarship was founded by the Council of New York University on February 17, 1916, in memory of Dr. Egbert LeFevre. The candidate for this scholarship is chosen by the faculty of Rutgers College from the members of the graduating class.

Leo Robins Memorial Prize

This prize is awarded annually by Dr. Bernard L. Robins to a member of the graduating class for the completion of special work in medicine or therapeutics.

David Marks Memorial Student Loan Fund

This fund has been established by Mrs. A. Braslau in memory of Dr. Marks in the hope that his unselfish, beautiful spirit will serve as an inspiration and incentive to the lofty and noble attainments that characterized his life.

Joseph D. Bryant Medical Scholarships

By the will of the late Joseph D. Bryant, professor of surgery, a trust was created for the benefit of the University and Bellevue Hospital Medical College, the income thereof to be devoted in perpetuity to the establishment and maintenance of one or more medical scholarships, preferably for some worthy medical student or students from Norwich, Chenango County, New York.

Hospital Appointments

In addition to the hospitals in the Department of Public Charities, there are no less than twenty-four hospitals, not including special hospitals, in which appointments to the house staffs are open to competition. The most prominent of these are the Bellevue Hospital, City

PRIZES, HOSPITAL APPOINTMENTS

Hospital, Harlem Hospital, Gouverneur Hospital, Fordham Hospital, St. Luke's Hospital, the New York Hospital, St. Vincent's Hospital, St. Francis' Hospital, General Memorial Hospital, Mt. Sinai Hospital, the Wyckoff Heights Hospital, the French Hospital, the Italian Hospital, Roosevelt Hospital, New York Post-Graduate Hospital, St. Mark's Hospital, New York Foundling Hospital, Willard Parker Hospital, Riverside Hospital, Reception Hospital, Kingston Avenue Hospital, Washington Heights Hospital, Woman's Hospital.

**Division of the Examination for License to Practice
Medicine in New York State**

In 1901 the medical law was amended to give the regents power to admit conditionally to the licensing examinations in anatomy, physiology and chemistry, applicants certified as having studied medicine not less than two full years of at least nine months each including two satisfactory courses of at least six months each, in two different calendar years, in a medical school registered as maintaining at the time a satisfactory standard; provided that such applicants are more than 19 years of age, of good moral character, and have the requisite preliminary education, and pay a fee of \$25.00; the final examinations in hygiene and sanitation, surgery, obstetrics, gynecology, pathology, including bacteriology and diagnosis, to be met after having finished the full period of study and having received the medical degree. The regents may, in their discretion, accept as the equivalent of the first year of medical study evidence of graduation from a registered college course, provided that such college course shall have included not less than the minimum requirements prescribed by the regents for such admission to advanced standing.

All requirements for admission to examinations for licensure should be filed with the State Department of Education, Albany, N. Y., ten days prior to the examinations.

Examinations for license to practice medicine in this state will be held as follows:

1924	1925
Sept. 22-25	Jan. 26-29
	May 18-21
	June 22-25
	Sept. 21-24

Places: Albany, New York, Buffalo, Syracuse.

ROLL OF STUDENTS

ROLL OF STUDENTS, 1923-1924

Fourth Year Class

Ames, George Chester, 16 Pleasant Street, Cortland, N. Y., 49 West 86 Street
Antine, Leon Julius, 1922 Crotona Parkway
Armengol, Joseph M., Avenida Uruguay No. 40, Mexico, D.F. 161 West
66 Street
Aronson, William, 2098 Vyse Avenue
Ash, Samuel, 659 South Belmont Avenue, Newark, N. J.
Bacher, Moses, 357 East Eighth Street
Baker, Maclyn, 101 West Market Street, Danville, Pa., 210 Marcy Avenue,
Brooklyn
Bearman, William J., 7309 Sixth Avenue, Brooklyn
Benenson, Benjamin P., 149 Himrod Street, Brooklyn
Borowick, Harry S., 231 East Eleventh Street
Bracco, Donato J., 341 East 116 Street
Brody, Nathan Stephen, 194 Saratoga Avenue, Brooklyn
Calderone, Francis A., Hemstead, L. I., N. Y., 228 East 25 Street
Ciancimino, Calogero J., 7210 Fourteenth Avenue, Brooklyn
Cohen, Harry J., 249 West 111 Street
Cohn, Nathan, 1379 Clay Avenue
Connolly, John Joseph, 7 Grand Avenue, Arlington, N. J.
DeSanto, Ernest Paul, 88 Broad Street, Elizabeth, N. J.
Dicker, Reuben M., 1058 Clay Avenue
Eckelberry, Niel E., Kingston, Mo., 49 West 86 Street
Ellard, Charles H., Jr., Great Neck Villa, Great Neck, L. I., N. Y.,
Bellevue Hospital, New York
Elsasser, Theodore H., 746 South Nineteenth Street, Newark, N. J.
Frankhauser, Arthur, 734 Ocean Avenue, Brooklyn
Feldman, Frederic, 404 Miller Avenue, Brooklyn
Fellows, William Woods, Salisbury, Mo., 2545 Grand Concourse
Felshin, Gertrude, 12 West 120 Street
Frankel, Florence Hulton, 1060 Park Avenue
Friedberg, Irwin W., 1774 Bryant Avenue
Friedland, Samuel M., 1575 Washington Avenue
Friedman, Benjamin, 512 West 158 Street
Furman, Moses Lewis, 559 Southern Boulevard
Gangursky, Lesser, 102 Tapscott Street, care of Mr. Boinoff
Goldberg, Isidor, 410 East Ninth Street
Goldman, Moses A., 1831 Grand Concourse
Goldstein, Abraham L., 1788 St. John's Place, Brooklyn

ROLL OF STUDENTS

Goodman, Morris, Seagate, L. I., N. Y.
Goos-Dallforf, Gilbert J., Davenport, Iowa, Bellevue Hospital, New York
Grayzel, Harold G. 1796 St. John's Place, Brooklyn
Grillo, John Daniel, 380 Broome Street
Helmuth, William Tod, 3d, 152 East 22 Street
Jaeger, Jacob O. S., 651 Stone Avenue, Brooklyn
James, Voyle Musser, 669 Fourth Avenue, Salt Lake City, Utah, Staff
House, City Hospital, Welfare Island
Karen, Benjamin, 1038 Hoe Avenue
Kaslow, Anna, 313 Henry Street
Katzen, Perry, 1539 President Street, Brooklyn
Kavee, Julius, 794 Elsmere Place
Kleegman, Sophia J., 230 Riverside Drive
Klein, Irwin J., 105 Henry Street
Klein, Louis, 60 East 98 Street
Kleinkopf, Peter, 1550 East Eighth Street, Brooklyn
Lardaro, Herman Harold, 50 James Street
Lehman, Irving J., 15 Demarest Street, Newark, N. J.
Leibovitz, Altan C., 132 Passaic Street, Passaic, N. J.
Levine, Joseph, 411 Hart Street, Brooklyn
Levy, Walter, 894 Riverside Drive
Lynch, Hubbard, 826 Myrtle Avenue, Bridgeport, Conn., 122 East 34 Street
Malagrino, Philip Joseph, 204 West 121 Street
Mandel, David, 867 Beck Street, care of Mr. Goldberg
Mandell, Edward, 392 East 170 Street
Mantell, S. R., 2928 West Second Street, Coney Island, N. Y.
Marchetti, John Angelo, 314 82 Street, Brooklyn
McDaniel, John Riley, Jr., Steele, Mo., 170 Lexington Avenue
Markowitz, Louis, 826 Seventh Avenue, Astoria, L. I.
Mehler, George Jordan, 490 St. Nicholas Avenue
Melzer, Charles Sidney, 246 Graham Avenue, Brooklyn
Messman, Hirsch L., 180 New Grand Street, Brooklyn
Metz, Herman A., 1206 Fifth Avenue
Meyerson, Noah, 482 Central Avenue, Jersey City, N. J.
Mockett, Walter William, 2001 Hampton Avenue, Swissvale, Pa.,
338 East 26 Street
Nash, Isaac E., 6 East 113 Street
Norman, Abraham, 160 Fairview Avenue, Jersey City, N. J.
O'Flaherty, Adrian Paul, 145 Waverly Place
Oken, Morris H., 36 Market Street
Orloff, Aaron J., 1655 53 Street, Brooklyn
Parsonnet, Eugene Victor, 608 High Street, Newark, N. J.

ROLL OF STUDENTS

Price, Oma Henry, 211 West 139 Street
 Rachlin, Hyman L., 138 Beach 63 Street, Arverne, L. I.
 Radwin, Leo S., 953 Hopkinson Avenue, Brooklyn
 Raskin, Z. Albert, 1540 Longfellow Avenue
 Rosen, Max William, 487 Hegeman Avenue, Brooklyn
 Rosier, Alfred M., 271 Vernon Avenue, Brooklyn
 Saslow, Benjamin, 420 Springfield Avenue, Newark, N. J.
 Schleckler, Abraham, 743 New Jersey Avenue, Brooklyn
 Scholnik, Maxwel H., 916 DeKalb Avenue, Brooklyn
 Schwartz, Harry, 9 East 108 Street
 Schwartzfarb, Morris B., 249 Stanton Street
 Schwarz, Berthold T. D. 334 Seventh Street, Jersey City, N. J.
 Seiler, Paula, 504 West 110 Street
 Smith, David Henry, 183 *Carmen Avenue, East Rockaway, L. I., N. Y.*,
 9 West 110 Street
 Soifer, Samuel, 260 East Houston Street
 Sparber, Herman, 160 Henry Street
 Squires, Willard Haywood, 329 *Fifth Avenue, Salt Lake City, Utah*, Staff
 House, City Hospital, Welfare Island
 Standard, Samuel, *Ellenville, N. Y.*, 1501 Eastern Parkway, Brooklyn
 Starr, Morris Charles, 1202 Avenue K., Brooklyn
 Sternberg, Jacob C., 55 Morton Street, Brooklyn
 Stoute, Howardson Nathaniel, *Trinidad, B.W.I.*, 66 West 142 Street
 Taylor, Herman William, 8890 Van Wagnen Avenue, Jersey City, N. J.
 Turi, Amadeus Edward, 395 Baldwin Avenue, Jersey City, N. J.
 Vogel, Felix Peter Simon, 24 South Maple Avenue, East Orange, N. J.
 Wallace, Robert Pulley, *Fayetteville, Tenn.*, 945 Madison Avenue
 Wartels, Lester, 1181 Eastern Parkway, Brooklyn
 Weiner, Harry, 1495 Lincoln Place, Brooklyn
 Weingarten, Michael, 75 Avenue C
 Winter, Samuel Sydney, 180 Seventh Avenue
 Zetena, Dominick Francis, 1215 Elder Avenue

Third Year Class—1923-1924

Ain, Jacob, 195 Madison Street
 Allan, William Brewster, 187 West Kingsbridge Road
 Babbin, Abraham, 336 Ellery Street, Brooklyn
 Badner, Jesse, 174 Corona Avenue, Corona, L. I., N. Y.
 Bailyn, Emanuel, 494 Hudson Avenue, West New York, N. J.
 Bander, Morris, 336 East Houston Street
 Barnhart, Frances Elizabeth, 3124 *Lafayette Avenue, Omaha, Neb.*,
 Metropolitan Hospital, New York

ROLL OF STUDENTS

Benedict, Mitchell Michael, 329 East 27 Street
 Bilik, Samuel Ernest, 37 West 28 Street
 Blaha, Charles Louis, 945 Seventh Avenue, Long Island City, N. Y.
 Borak, Joe, 2858 Cortland Street, Coney Island
 Braun, Leo, 1549 Vyse Avenue
 Briger, Sigmund Sidney, 206 Moore Street, Brooklyn
 Busicco, Philip Salvatore, 281 Armstrong Avenue, Jersey City, N. J.
 Busky, Albert Herman, 1171 Sterling Place, Brooklyn
 Carabba, Otto Anthony, 86 Kenmare Street
 Caruso, Gerardo, 36 Nassau Street, Newark, N. J.
 Cohen, Benjamin, 28 Fayette Street, Brooklyn
 Colantuono, Arminia Louis, 451 Union Street, Brooklyn
 Davidoff, Eugene, 1018 East 163 Street
 Deferari, George Joseph, 118 *Meadow Road, Rutherford, N.J.*, 42 Watts Street
 Dittmer, Herbert Gerard, 286 Park Place, Brooklyn
 Ehrenfeld, Edward, 190 Second Street, Passaic, N. J.
 Engelsler, Charles Louis, 982 Findlay Avenue
 Fausel, Everett Godfrey, 159 Ridgewood Avenue, Brooklyn
 Feuer, Samuel Gustave, 143 Keap Street, Brooklyn
 Feuerstein, Samuel, 434 Ashford Street, Brooklyn
 Finkelstein, Samuel, 457 East Houston Street
 Forman, Maurice, 60 West 114 Street
 Galvin, Thomas Joseph, 621 *Grand Street, Troy, N. Y.*, 143 East 39 Street
 Geier, Paul Benjamin, 575 Jefferson Avenue, Brooklyn
 Ginsburg, Alexander A., 1231 Union Avenue
 Glassman, Oscar, 559 *East Fifth Street, Salt Lake City, Utah*
 Glauberman, Israel, 170 Montauk Avenue, Brooklyn
 Goeller, Frank Ward, 2190 Andrews Avenue
 Goldberg, Samuel J., *Paterson, N. J.*, 95 West 119 Street
 Goldfarb, Arthur E., 31 East 127 Street
 Goodman, A. Albert, 564 Prospect Avenue
 Greenberg, Aaron E., 7909 Nineteenth Avenue, Brooklyn
 Greenberg, Herman, 1028 St. John's Place, Brooklyn
 Grossman, Sidney, 343 Bronx Park Avenue
 Heinig, Frank George, 47 *Bidwell Avenue, East Hartford, Conn.*,
 346 St. Nicholas Avenue
 Helman, Charles Herbert, 107 Norfolk street
 Hermann, Harold Bernard, 4903 Fourteenth Avenue, Brooklyn
 Herring, Leon Drummond, 229 *Main Street, Waterville, Me.*,
 244 Spring Street
 Hilfmann, Ernest R., 709 East Ninth Street
 Hochman, Max, 539 East 134 Street

ROLL OF STUDENTS

Holtz, Edward, 510 West 144 Street
 Jacobs, Morris A., 266 East 167 Street
 Jacobson, Ralph, 565 West 169 Street
 Johnson, Alfred Ashton, 310 Lexington Avenue
 Kaufman, Jerome G., 565 High Street, Newark, N. J.
 Kellogg, John Olmstead, 25 Tower Place, Yonkers, N. Y.
 Klein, Louis, 676 East 179 Street
 Kopp, Mortimer, 79 Argyle Road, Brooklyn
 Kornzweig, Abraham Leon, 1659 Washington Avenue
 Kramer, Samuel, 862 Hewitt Place
 Kruskal, Victoria, 50 Morningside Avenue
 Kurz, Bernard, 999 Simpson Street
 Lappin, John Hargrave, *143 Spring Street, Portland, Me.*, 213 East 17 Street
 Lefkowitz, Isidore, 414 East 169 Street
 Leifer, William, 5 West 112 Street
 Lewellyn, Raymond Hibbs, *Elm Grove, Wheeling, West Virginia*,
 328 East 27 Street
 Lindenauer, David, 24 Lewis Avenue, Corona, L. I., N. Y.
 Luttge, Louis August, 79 Montgomery Street
 Lyon, Archibald, 312 Chestnut Street, Arlington, N. J.
 McKinnon, Wilfred Charles, *Arcata, California*, Bellevue Hospital,
 New York
 McMenamy, Mary Elizabeth, 153 East Eighteenth Street
 Mangone, George Francis, Ditmars Avenue West, East Elmhurst, L. I.
 Markowitz, Ben, 234 Bergen Avenue, Jersey City, N. J.
 Mazursky, Isidor, 765 Trinity Avenue
 Mega, Gaetano, Ohomas, 1320 Avenue S., Brooklyn
 Merker, Louis Hyman, 1664 Bathgate Avenue,
 Miller, Isidore, 1755 St. John's Place, Brooklyn
 Mosher, Henry, 529 Van Voorst Place, Union Hill, N. J.
 Moyle, Eugene Henry, *Elkins, West Virginia*, 68 Bedford Street
 Mulholland, John Hugh, 62 Hollywood Avenue, Far Rockaway, N. Y.
 O'Connell, Richard Joseph, 354 East 79 Street
 Opin, Edward, 1734 Anthony Avenue
 Papa, Ludwig Gaston, 75 West 175 Street
 Pois, John, 2981 Perry Avenue
 Poulson, Fred McClellan, *1582 South Richards Street, Salt Lake City, Utah*,
 213 West 23 Street
 Pupek, Bernard Saul, 486 Hudson Street
 Ralli, Elaine Pandia, *Willowbrook Lane, Stamford, Conn.*, 80 Maiden Lane
 Ravitz, Samuel F., 327 Hawthorne Street, Newark, N. J.
 Rems, Jacob, 620 East 170 Street

ROLL OF STUDENTS

Rosen, Leon, 331 Crown Street, Brooklyn
 Roth, Frank Edward, 30 Clove Road, New Rochelle, N. Y.
 Rothhouse, Barnet, 142 Hunteerton Street, Newark, N. J.
 Ruderman, Henry Leon, *180 Brighton Avenue, Perth Amboy, N. J.*,
 317 East 20 Street
 Sachs, Joseph, Sea Gate and Nautinus Avenue, Sea Gate, L. I.
 Segal, Louis, 215 Avenue F., Brooklyn
 Shaw, Katherine Lydia, *518 Grove Street, Sewickley, Pa.*, 35 East 62 Street
 Smith, Hannah Louise, 452 Riverside Drive
 Somach, Irving, 3009 West First Street, Coney Island
 Steele, Paul Dewey, *Apollo, Pa.*, 68 Bedford Street
 Stein, Anna A., 506 Richmond Terrace, New Brighton, N. Y.
 Thorson, John Anderson, *Sandy, Utah*, Bellevue Hospital, New York
 Tortora, Angelo Joseph, 161 East 53 Street
 Veprovsky, Edward Charles, *East Haddam, Conn.*, 945 Seventh Avenue,
 Long Island City, N. Y.
 Vinski, Joseph Jerome, 116 North Ninth street, Brooklyn
 Weber, John James, 520 East Sixth Street
 Weintrob, Morris, 1092 DeKalb Avenue, Brooklyn
 Weiss, George, 1861 Loring Place
 Weiss, Jacob Nathaniel, 372 Stuyvesant Avenue, Brooklyn
 Whiteman, Neville Courtney, 264 West 136 Street
 Williams, Arthur Maurice, 6 Downing Street, Brooklyn
 Williams, Vivian Leonard, 6 Downing Street, Brooklyn
 Wolff, Nathaniel Stein, *25 Portsmouth Terrace, Rochester, N. Y.*,
 108 East 29 Street
 Wyman, Randolph Alvin, 120 East 90 Street

Second Year Class—1923-1924

Altman, Herman, 48 Lewis Street
 Aronsohn, Morton, 988 Tiffany Street
 Auriemma, Pasquale Richard, 18 Parnell Place, Jersey City, N. J.
 Averbuck, Samuel Harris, 5 Mt. Morris Park West
 Baum, Erwin C., 879 Bergen Street, Brooklyn
 Berliner, Harry Morris, 2362 Webster Avenue
 Berwick, Louis, 953 Aldus Street
 Bien, Adolph Frederick, 201 Allen Street
 Biondo, Thomas, 185 McKibbin Street, Brooklyn
 Blankfein, Julius, 1 North Eighth Avenue, Whitestone, L. I.
 Blumenfeld, Irving Bernard, 180 South Fourth Street, Brooklyn
 Bolin, Joseph Bolonis, *434 Washington Street, Tamaqua, Pa.*,
 152 East 22 Street

ROLL OF STUDENTS

Brown, Philip, 54 East 99 Street
 Burton, William, 1241 46 Street, Brooklyn
 Carabba, Victor, 86 Kenmare Street
 Caruso, Alfred Rocco, 8201 Seventeenth Avenue, Brooklyn
 Charipper, Harry, 526 East 83 Street
 Ciaccio, Balthasar Maurice, 185 Central Avenue, Brooklyn
 Ciaccio, Thomas Camillo, 149 Elizabeth Street
 Chinn, May Edward, 149 West 138 Street
 Cohen, Benjamin, 29 East 111 Street
 Cohen, Lester, 386 Alabama Avenue, Brooklyn
 Cohen, Paul, 569 West 150 Street
 Crescenzi, Thomas Louis, 2445 Southern Boulevard
 D'Andrea, Giuseppe Amos William, 1848 73 Street, Brooklyn
 Delli Bovi, Emil Joseph, 111 Mott Street
 DeRose, James Rocco, 953 Fourth Avenue, Long Island City, N. Y.
 Diasio, Joseph Sante, 180 East 111 Street
 Donnolly, Adrian Eugene, 739 Macon Street, Brooklyn
 Dorff, George D., 1346 Eastern Parkway, Brooklyn
 Downs, Eulius Sheldon, 726 Avenue A., Bayonne, N. J.
 Feldman, Abraham, 249 Broome Street
 Feldman, M. Harry, *Woodbine, N. J.*, 54 Eagle Rock Avenue,
 West Orange, N. J.
 Filler, William, 788 Lincoln Place, Brooklyn
 Franchina, Benedict A., 77 East 121 Street
 Garafalo, Michael, 2411 Crotona Avenue
 Gebhardt, Jean Philip, 67 Boulevard, Rosebank, S. I., N. Y.
 Gewanter, Isidor Robert, 849 Freeman Street
 Goertzel, Bernard, 46 West 117 Street
 Goldberg, Max Joseph, 115 South Eighth Avenue, Mt. Vernon, N. Y.
 Goldfield, Harold Herman, 428 East Jersey Street, Elizabeth, N. J.
 Goldschlager, Abraham L., 7 Lewis Street
 Gross, Richard Bela, 1315 54 Street, Brooklyn
 Grossman, Isidor, 400 Grant Avenue, Brooklyn
 Gruggel, Christine Ingeborg, 39 Street, Whitestone, L. I.
 Guttman, Nathan, 327 Hopkinson Avenue, Brooklyn
 Hall, Stanley Cheney, Hardwich, Mass.
 Hansen, Harold Edgar, *New Brunswick, N. J.*, 539 East 144 Street
 Holzman, Elsie, 236 Beach 149 Street, Neponsite, L. I.
 Horland, Aaron, 65 Sterling Street, Newark, N. J.
 Immergut, Sidney, 1144 46 Street, Brooklyn
 Joseph, Ben, 119 Hutton Street, Jersey City, N. J.
 Kasich, Milosh, 546 West 53 Street

ROLL OF STUDENTS

Keeney, James Charles, 1201 Park Avenue, Hoboken, N. J.
 Knapp, Arthur, 1245 Madison Avenue
 Kooperstein, Samuel Irving, 169 Hancock Avenue, Jersey City, N. J.
 Krainin, Philip, 1050 Park Place, Brooklyn
 Kulick, Bernard Dennis, 698 Park Avenue, Brooklyn
 Kushel, Harry, 737 Tremont Avenue
 Lancellotti, William, 57 Kenmare Street
 Langsam, William, 1429 Pitkin Avenue, Brooklyn
 Lieberman, David Leonard, 583 Sutter Avenue, Brooklyn
 Maraventano, Salvator George, 2459 Hoffman Street
 Maynard, Aubre DeLambert, 115 West 138 Street
 McEwen, Currier, 299 Belleville Avenue, Newark, N. J.
 Mee, Robert Amos, *Wakefield, N. H.*, 68 Bedford Street
 Messeloff, Charles, 343 East 173 Street
 Micolino, Louisa, 228 East 48 Street
 Miller, Kate Freeman, 123 Alburtis Avenue, Corona, L. I.
 Monen, Sadye, 210 East Sixth Street
 Monteleone, Constantine, 203 Johnson Avenue
 Mucelli, Joseph, 25 Delancy street
 Nash, Joseph, 62 Riverside Drive
 O'Dowd, Edwyn Watkins, Tappan, N. Y.
 Pfeiffer, Edward Aloysius, 317 West Fourth Street
 Polimeni, Louis J., 102 East Houston Street
 Procario, Angelo, 2311 Tiebout Avenue
 Quinn, John, 291 Forrest Street, Jersey City, N. J.
 Rabinovitch, S. Milton, 1226 Evergreen Avenue
 Ricklin, Abraham, 581 Powell Street, Brooklyn
 Ritter, Benjamin, *32 Sorrento Street, Springfield, Mass.*,
 2266 Andrews Avenue
 Rizzi, James Vincent, 501 East 118 Street
 Rizzo, Peter Curus, 2130 Belmont Avenue
 Sheftman, Morris, 1417 Prospect Avenue
 Shielcrawt, Samuel Rudolph, 180 South Fourth Street, Brooklyn
 Spickler, Moe William, 1453 Madison Avenue
 Tolkowsky, Aaron, 5512 Twelfth Avenue, Brooklyn
 Tumen, Abraham, 183 Grafton Street, Brooklyn
 Volpe, Michael, 212 Third Avenue
 Von Preysing, Walter, 17 Matthews Place, Canarsie, L. I.
 Williams, Frederick William, 403 East 157 Street
 Zahn, Arthur, 458 Suydam Street, Brooklyn
 Zaldin, Samuel, 261 Chester Street, Brooklyn
 Zweifler, Irving, 286 East Third Street

ROLL OF STUDENTS

First Year Class—1923-1924

Adlerberg, Max, 247 Audubon Avenue
 Africano, Julius V., 4246 Hudson Boulevard, West Hoboken, N. J.
 Africano, Scipio H., 4246 Hudson Boulevard, West Hoboken, N. J.
 Appell, Cheri, 1692 Weeks Avenue
 Ballen, Maxwell C., 2080 Vyse Avenue, Bronx
 Benczur, Helen, 218 Tenth Avenue, Belmar, N. J.
 Bercow, Celia, 4908 New Utrecht Avenue, Brooklyn
 Bivona, Paul J., 81 Wilson Avenue, Brooklyn
 Blankfield, Nathan, 411 Fourteenth Street, Brooklyn
 Blate, Peter Anderson, 15 Wayne Avenue, White Plains, N. Y.
 Block, Morris, 20 East 120 Street
 Bumble, Samuel H., 385 East Eighth Street
 Bunker, Albert E., 530 Senator Street, Brooklyn
 Burth, Herman Henry, 446 Jamaica Avenue, Jamaica, L. I.
 Busansky, Samuel, 376 Prospect Street, Perth Amboy, N. J.
 Cantelmo, Angelo R., 610 East 191 Street
 Carp, Solomon P., 159 Orchard Street
 Chamberlin, Donald, 202 Glenwood Avenue, Yonkers, N. Y.
 Chester, William, 462 Linden Avenue, Brooklyn
 Clarke, Frederick E., 73 Jennings Street, Elmhurst, L. I.
 Cohen, Charles Carlton, 1130 Stratford Avenue, Bridgeport, Conn.
 Cohn, Theodore L., 535 West 149 Street
 Comunale, Anthony, *Harrison Avenue, Isalin, N. J.*, 328 East 27 Street
 Connell, DeBert, *632 Quapaw Avenue, Hot Springs, National Park, Arkansas*
 Crump, Walter, Jr., 837 Madison Avenue
 Cudmore, Ruth Josephine, 204 Barclay Street, Astoria, L. I.
 Danetz, Charles, 130 South Fifth Avenue, Mt. Vernon, N. Y.
 Daversa, Benjamin, 1144 74 Street, Brooklyn
 Degenhardt, Robert D., 2254 Grand Concourse
 Della Rocca, Anthony J., 309 East 118 Street
 Diamond, Roy K., 320 Central Park West
 Diamondstone, David, 1785 Fulton Avenue
 Director, William, 1165 46 Street, Brooklyn
 Donovan, Robert R., Jr., 2089 Fulton Street, Brooklyn
 Drazin, Morris Lionel, 507 East 87 Street
 Ettinger, Arthur, 4682 Park Avenue
 Feld, Harry, 1077 East Twelfth Street, Brooklyn
 Ferber, Louis, 1290 Halsey Street, Brooklyn
 Fierro, Eugene Alfred, 85 Kenmare Street
 Filitti, John A., 317 East 27 Street

ROLL OF STUDENTS

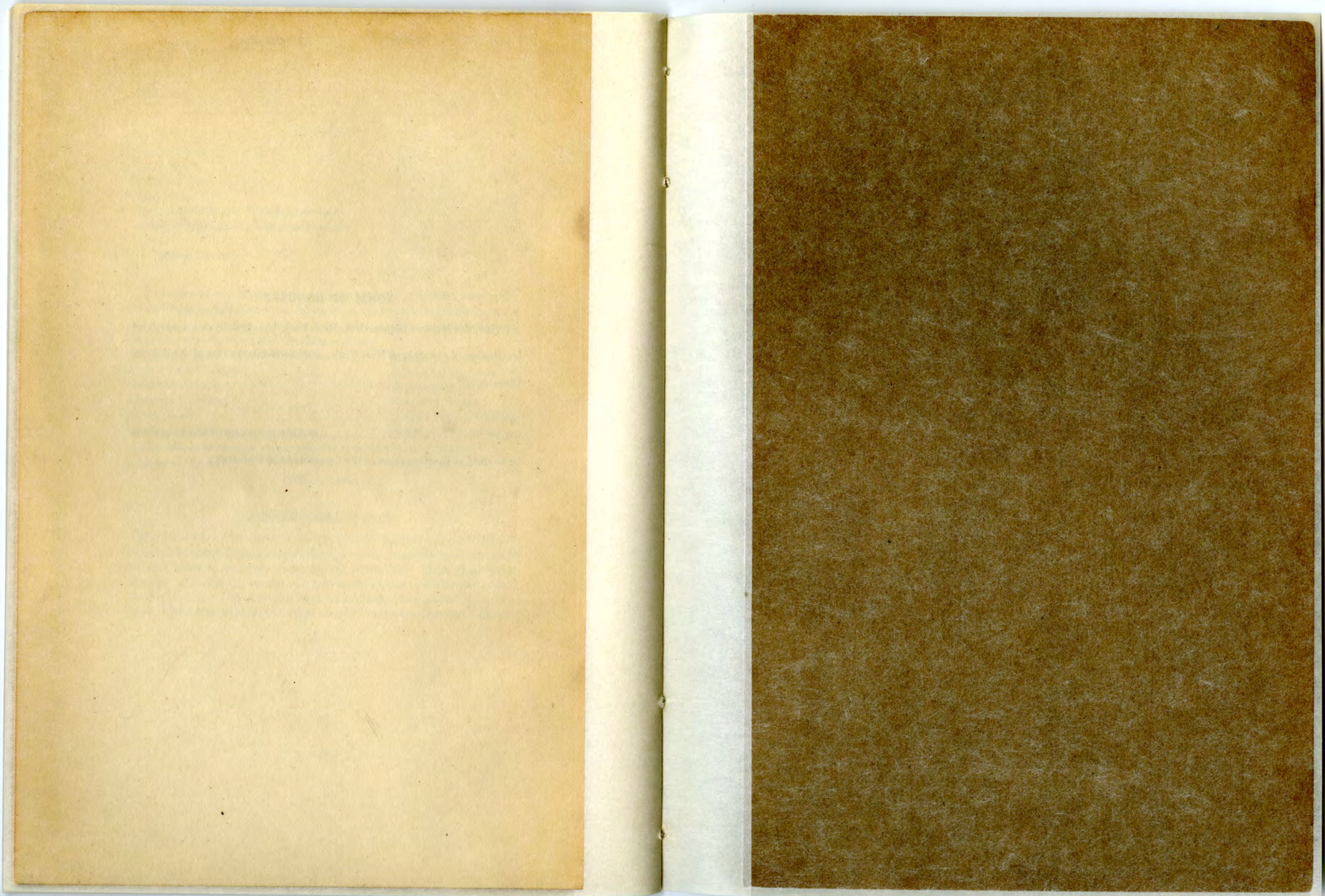
Freund, Arthur M., 1035 Faile Street
 Galluccio, Carmelo A., 2253 Watson Avenue
 Gamarnick, Jacob, 201 Rochester Avenue, Brooklyn
 Gartner, Harold, 10516 Jamaica Avenue, Richmond Hill, L. I.
 Garvey, Thomas Q., *443 West Chestnut Street, Lancaster, Pa.*
 Gawrychoski, Walter J., 162 Avenue B
 Gerne, Timothy A., 251 Ogden Avenue, Jersey City, N. J.
 Gleeson, William J., 197 Clerk Street, Jersey City, N. J.
 Goebert, Herbert W., *809 Bedford Street, Johnstown, Pa.*
 Gordy, Louise, 183 Ocean Parkway, Brooklyn
 Gradstein, Samuel, 88 Avenue A
 Graham, John C., *Route 7, Jonesville, Virginia*, 136 Brewster Street, Flushing, L. I.
 Grosfeld, Morris, 855 Gates Avenue, Brooklyn
 Gruskin, Herman, 2796 Fulton Street, Brooklyn
 Halpern, Marion Edward, 90 Pleasant Avenue, Maywood, N. J.
 Halpern, Nathaniel P., 2096 Morris Avenue
 Hollander, Herbert E., 427 West End Avenue
 Honan, Charles Jerome, 1836 73 Street, Brooklyn
 Judge, John Francis, 807 South Eleventh Street, Newark, N. J.
 Kamen, Samuel L., 66 West Ninth Street
 Keiley, Gertrude, 213 Clermont Avenue, Brooklyn
 Kenner, Solomon K., 30 Osborn Street, Brooklyn
 Kirschenbaum David, 466 East Tenth Street
 Kleinman, Maurice, 232 Sixth Avenue, Newark, N. J.
 Kolbe, Harry Walter, 83 West 115 Street
 Kreitman, Julius, 8803 Seventeenth Avenue, Brooklyn
 Kretzschmar, Herman Charles, 1112 Lorimer Street, Brooklyn
 Labow, Joseph J., 355 Magnolia Avenue, Elizabeth, N. J.
 Last, Moe, 58 Meeker Avenue, Brooklyn
 Levine, David, 1788 Prospect Place, Brooklyn
 Levine, Lena, 351 Riverdale Avenue, Brooklyn
 Levine, Samuel Clinton, North Tarrytown, N. Y.
 Levy, Walter H., 1955 Grand Concourse
 Lomsky, Irving, 28 Louisiana Avenue, Brooklyn
 Lynch, Albert E. O., 7 Arch Street, Newark, N. J.
 MacEvitt, James M., 65 Eighth Avenue, Brooklyn
 Malerba, Vincent Peter, 346 East 105 Street
 Maloney, Augustine, 328 East 27 Street
 Mayer, Julius A., 215 East Third Street
 Melamed, Samuel, 745 Jennings Street
 Michaels, Michael, 5 Whipple Street, Brooklyn

ROLL OF STUDENTS

Michalski, Anthony, 242 Metropolitan Avenue, Brooklyn
Michels, Solomon, 2631 Eighth Avenue
Miller, John, 1605 Walton Avenue
Miner, Theodore R., 726 East 21 Street, Brooklyn
Morgenstern, David, 188 Rivington Street
Morrone, John Anthony, 233 Bower Street, Jersey City, N. J.
Murphy, Patrick H., 27 Jefferson Avenue, Jersey City, N. J.
Nelson, Louis S., 486 Jerome Street, Brooklyn
Olenik, Irwin H., 2133 Daly Avenue
Paddock, Charles J., care of Dr. C. A. Luce, Amityville, L. I.
Palermo, Louis M., 1214 St. Lawrence Avenue
Palisi, Thomas, 141 Fourth Street, Union Hill, N. J.
Palombo, Albert, 99 New Lots Avenue, Brooklyn
Perrotta, Louis, 328 East 149 Street
Petix, Dominick, 80 St. Marks Place
Pizzi, Francis W., 87 Park Street, Orange, N. J.
Poppel, Maxwell, 522 East Sixth Street
Press, Moses Leib, 42 Avenue D
Rainone, Michael C., 844 Putnam Avenue, Brooklyn
Reich, Samuel Boswell, 326 East Fourth Street
Reinhold, Herbert E., Dock Road, Closter, N. J.
Savitsky, Nathan, 139 Orchard Street
Schaeffer, Irving, 99 Williams Avenue, Brooklyn
Schenk, Joseph R., 638 East Eleventh Street
Scher, Maurice A., 58 South Street, Newark, N. J.
Schnurmacher, Jacob S., 960 Simpson Street
Schreck, Harry, 470 Bergen Street, Newark, N. J.
Schwartz, Nathaniel H., 242 Henry Street
Schwartz, Nathan Louis, 251 South Third Street, Brooklyn
Silver, Solomon, 294 Pulaski Street, Brooklyn
Silverman, I. Jerome, 400 East 29 Street
Simeone, Peter Anthony, 649 Main Street, North Bergen, N. J.
Simms, George Francis, 101 1/2 Lafayette Street, Jersey City, N. J.
Simon, Louis Goodwin, 96 Myrtle Avenue, Stamford, Conn.
Smith, Glenn Waldo, 300 Fifth Avenue, Astoria, L. I.
Stam, Harry, 146 North Seventh Street, Paterson, N. J.
Stein-Brocker, Otto, 2120 Mapes Avenue
Theis, Kenneth George, 112 Clinton Avenue, Nyack, N. Y.
Toscano, Albert George, 526 Fourth Street, Weehawken, N. J.
Vaccaro, Aurelia, 281 West 261 Street, Riverdale, N. Y.
Van Tassel, Walter R., Darien, Conn.
Waterhouse, Lawrence Michael, 329 West 46 Street

ROLL OF STUDENTS

Weisberg, A. Lester, 146 East 98 Street
Williams, Sydney, 98 Elmora Avenue, Elizabeth, N. J.
Yachnin, Samuel C., 187 Monticello Avenue, Jersey City, N. J.
Yager, Jacob, 969 Hoe Avenue
Zimmerman, William, 419 Powell Street, Brooklyn
Zufa, Julius, 541 East Fifth Street



NEW YORK UNIVERSITY

AT UNIVERSITY HEIGHTS

COLLEGE OF ARTS AND PURE SCIENCE
COLLEGE OF ENGINEERING
SUMMER SCHOOL

AT WASHINGTON SQUARE

SCHOOL OF COMMERCE
SCHOOL OF EDUCATION
SCHOOL OF LAW
WASHINGTON SQUARE COLLEGE
GRADUATE SCHOOL
SCHOOL OF RETAILING
EXTRAMURAL DIVISION
SUMMER SCHOOL

AT FIRST AVENUE & 26TH STREET

MEDICAL COLLEGE

AT WALL STREET

GRADUATE SCHOOL OF BUSINESS
ADMINISTRATION
WALL STREET DIVISION OF THE SCHOOL
OF COMMERCE