

VOLUME XXXIV

NUMBER 19

NEW YORK UNIVERSITY
BULLETIN



University and
Bellevue Hospital
Medical College



Announcements for
the Session
1934-1935

APRIL NINTH • MCMXXXIV

NEW YORK UNIVERSITY BULLETIN

VOL. XXXIV, No. 19

APRIL 9, 1934

Published weekly, December, January, February, March, April, May, June, July, and August, by New York University, Main Building, 100 Washington Square East, New York, N. Y. Entered at the Post Office, New York, N. Y., as second-class matter under the Act of August 24, 1912. Acceptance for mailing at special rate of postage provided for in section 1103, Act of October 3, 1917, authorized June 17, 1924.

REQUESTS FOR BULLETINS

New York University issues separate bulletins describing in detail the work of each college, school, and division. Requests for bulletins should be directed to the Registrar, New York University, Washington Square, New York, N. Y.

NOTICE

The program of instruction and the personnel of the teaching staff announced in this bulletin are subject to such changes as may be deemed necessary or advisable by the administration.

NEW YORK UNIVERSITY

University and
Bellevue Hospital
Medical College

ANNOUNCEMENTS FOR THE
NINETY-FOURTH SESSION

1934-1935

477 FIRST AVENUE
NEW YORK

ARCHIVES
001
A
1934-35

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

INDEX

	PAGE
ADMISSION REQUIREMENTS	47
ADVANCED STANDING	49
ADVANCEMENT IN COURSE	50
BELLEVUE HOSPITAL	39
BUILDINGS	37
CALENDAR	5
CLINICAL FACILITIES	39
COLLEGE CLINIC	39
DESCRIPTION OF COURSES	62
Anatomy	62
Bacteriology	63
Chemistry	64
Dermatology and Syphilology	64
Forensic Medicine	65
Medicine	66
Neurology	75
Obstetrics and Gynecology	76
Ophthalmology	79
Orthopedic Surgery	80
Oto-Rhino-Laryngology	80
Pathology	81
Pediatrics	82
Pharmacology	85
Physiology	86
Preventive Medicine	87
Psychiatry	88
Radiology	89
Surgery	90
Urology	93
EQUIPMENT REQUIRED	56
EXAMINATIONS	50
FACULTY	7
FEEES	53
GRADUATE DEPARTMENT	94
Forensic Medicine	94
Medicine	94
Pediatrics	95
Surgery	95

	PAGE
GRADUATION, REQUIREMENTS FOR	52
HERTER LECTURESHIP ON PATHOLOGICAL CHEMISTRY	59
HOSPITAL APPOINTMENTS	96
INSTRUCTION, GENERAL PLAN OF	60
LIBRARIES	38
LICENSE, EXAMINATION FOR NEW YORK STATE	52
LOAN FUNDS	57
MATRICULATION	50
MEDICAL LICENSURE	52
NATIONAL BOARD EXAMINATIONS	53
NEW YORK UNIVERSITY	4
PRIZES	57
REGISTRATION	50
SCHOLARSHIPS	57
SOCIETIES	59
STUDENT HEALTH, DEPARTMENT OF	56
STUDENTS, 1933-1934	98
SUMMARY OF STUDIES	61
UNIVERSITY AND BELLEVUE HOSPITAL MEDICAL COLLEGE	37

NEW YORK UNIVERSITY

NEW YORK UNIVERSITY owes its origin to the public-spirited activity, extended over many months in the early 1830's, of a group of prominent citizens. They secured a charter for the new institution from the State Legislature, April 18, 1831. Their plans were of an unusually broad and liberal character and anticipated in surprising degree the wide and distinctive service now rendered by the University. They planned for schools of law, medicine, engineering, graduate studies; departments of fine arts, philosophy of education, and the training of teachers; all of these in addition to the time-honored curricula in the liberal arts and humanities. An inevitable lack of funds at the start retarded the early development of their extraordinary program but in the course of years its principal features were brought to maturity. The University system now includes twelve colleges and schools and three other major divisions. The grounds, buildings, and equipment of the institution are strategically located throughout the City, forming five principal centers of instruction, each accommodating hundreds of students.

The institution was chartered under the name of the University of the City of New York. In 1896 the name was changed to New York University in order to obviate the prevalent confusion both with the College of the City of New York, a municipally supported institution, and with the University of the State of New York (the State Education Department). New York University is privately endowed, nonsectarian, and coeducational.

OFFICERS OF ADMINISTRATION OF THE UNIVERSITY

HARRY WOODBURN CHASE, PH.D., L.H.D., LL.D.

Chancellor

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

Chancellor Emeritus

LEROY ELWOOD KIMBALL, A.M.

Comptroller

HAROLD OLIVER VOORHIS, B.S., A.M.

Secretary

RUFUS DANIEL SMITH, A.M.

Provost

MARSHALL STEWART BROWN, A.M., L.H.D.

Dean of the Faculties

HENRY GUSTAV ARNSDORF, A.B.

Registrar

WESLEY RAYMOND HENDERSHOT, B.C.S.

Bursar

CALENDAR

1934-1935

All dates are inclusive

Last day for registration: See "Fees," page 53

Session begins:

First year	Wednesday	September 12, 1934
Second and third years	Monday	September 17, 1934
Fourth year: section work	Monday	May 28, 1934
class work	Monday	September 17, 1934
First Trimester		September 17-December 1, 1934
Second Trimester		December 3, 1934-March 2, 1935
Third Trimester		March 4-May 11, 1935
First Semester		September 17, 1934-January 19, 1935
Second Semester		January 21-May 11, 1935
Commencement Day	Wednesday	June 12, 1935

HOLIDAY SCHEDULE

First- and Second-Year Classes

Thanksgiving Recess—from Wednesday, November 28, through Saturday, December 1, 1934

Christmas Recess—from Wednesday, December 19, 1934, through Tuesday, January 1, 1935

Washington Birthday Recess—Friday and Saturday, February 22 and 23, 1935

Easter Recess—from Wednesday, April 17, through Saturday, April 20, 1935

Third-Year Class

Election Day—

	<i>Free Time</i>	<i>Students Attend</i>
Tuesday, November 6, 1934	from 11.30 a.m. on	from 9.00-11.30 a.m.
Thanksgiving Recess— Monday, November 26, 1934	from 9.00-11.30 a.m.	from 11.30 a.m. on
Tuesday, November 27, 1934	from 9.00-11.30 a.m.	from 11.30 a.m. on
Wednesday, November 28, 1934	—————	All Day
Thursday, Friday, Satur- day, November 29, 30, De- cember 1, 1934	All Day	—————
Christmas Recess— from Wednesday, December 19, 1934, through Tuesday, January 1, 1935	All Day	—————

<i>Third-Year Class—Continued</i>	<i>Free Time</i>	<i>Students Attend</i>
Lincoln's Birthday— Tuesday, February 12, 1935	from 11.30 a.m. on	from 9.00–11.30 a.m.
Washington's Birthday— Friday, February 22, 1935	from 11.30 a.m. on	from 9.00–11.30 a.m.
Easter Recess— Monday, April 15, 1935	from 9.00–11.30 a.m.	from 11.30 a.m. on
Tuesday, April 16, 1935	from 9.00–11.30 a.m.	from 11.30 a.m. on
Wednesday, April 17, 1935	—————	All Day
Thursday, April 18, 1935	from 9.00–11.30 a.m.	from 11.30 a.m. on
Friday, April 19, 1935	All Day	—————
Saturday, April 20, 1935	All Day	—————

Fourth-Year Class

Election Day—Tuesday, November 6, 1934

Thanksgiving Recess—from Thursday, November 29, through Saturday, December 1, 1934

Christmas Recess—from Wednesday, December 19, 1934, through Tuesday, January 1, 1935

Lincoln's Birthday—Tuesday, February 12, 1935

Washington's Birthday—Friday, February 22, 1935

Easter Recess—Friday and Saturday, April 19 and 20, 1935

Memorial Day—Thursday, May 30, 1935

During these holiday periods, the lectures, clinics, and conferences scheduled from 11.30–1.00 p.m. will not be held, but all fourth-year students must report for section work on the wards and in the out-patient department unless they are excused by the head of the service for which they are scheduled.

OFFICERS OF ADMINISTRATION OF THE UNIVERSITY
AND BELLEVUE HOSPITAL MEDICAL COLLEGE

JOHN WYCKOFF, A.M., M.D.

Dean

CURRIER McEWEN, B.S., M.D.

Assistant Dean and Secretary

EDGAR STIGER TILTON, A.B.

Associate Secretary

PROFESSORS EMERITI

SAMUEL ALBURTUS BROWN, M.D., D.P.H.

*Dean Emeritus*HARLOW HENRY BROOKS, M.S., M.D., F.A.C.P., *Clinical Medicine*HENRY CLARKE COE, A.M., M.D., M.R.C.S., L.R.C.P., *Gynecology*WARREN COLEMAN, A.M., M.D., F.A.C.P., *Clinical Medicine*EDWARD BRADFORD DENCH, Ph.B., M.D., F.A.C.S., *Otology*EDWARD DIX FISHER, A.B., M.D., *Neurology*AUSTIN FLINT, A.M., M.D., F.A.C.S., *Obstetrics*ROWLAND GODFREY FREEMAN, A.B., M.D., *Pediatrics*LEE MAIDMENT HURD, M.D., F.A.C.S., *Laryngology*WILLIAM CHITTENDEN LUSK, A.B., M.D., F.A.C.S., *Clinical Surgery*WILLIAM PERRY NORTHRUP, A.M., M.D., LL.D., *Pediatrics*JOHN ELMER WEEKS, Sc.D., M.D., LL.D., *Ophthalmology*

FACULTY

HARRY BAKWIN

Assistant Professor of Pediatrics

B.S., M.D., Columbia

Assistant Visiting Physician, Children's Medical Service, Bellevue Hospital

RICHARD CHARLES BODO

Assistant Professor of Pharmacology

M.D., Budapest

SAMUEL BROCK

Associate Professor of Neurology

M.D., New York

Associate Neurologist, Bellevue Hospital; Attending Neurologist, New York Neurological Institute, St. Vincent's (Staten Island, N. Y.), and Beth Israel Hospitals; Neurologist, United States Marine Hospital No. 70; Consulting Neurologist, New York Infirmary for Women and Children

MAURICE BRODIE

Assistant Professor of Bacteriology
M.D., C.M., M.S., McGill

DUGALD EDMUND SMITH BROWN

Assistant Professor of Physiology
A.B., M.S., Michigan; Ph.D., Cornell

ROBERT KEITH CANNAN

Professor of Chemistry
B.Sc., M.Sc., D.Sc., University of London

ROBERT JAMES CARLISLE

Professor of Medicine
M.D., New York
Consulting Physician, Bellevue, Bronx, and St. Joseph's (Far Rockaway, N. Y.) Hospitals

JOSEPH EDWARD CONNERY

Associate Professor of Clinical Pathology
M.D., New York
Visiting Physician, Bellevue Hospital

FRANK WANG COTUI

Associate Professor of Experimental Surgery
A.B., M.D., University of the Philippines
In charge of surgical research

ARTHUR CHRISTIAN DEGRAFF

Samuel A. Brown Professor of Therapeutics
B.S., M.D., New York
Associate Visiting Physician, Bellevue Hospital; Visiting Cardiologist, Nassau Hospital (Long Island, N. Y.); Consulting Cardiologist, Life Extension Institute; Medical Director, Irvington House (Irvington, N. Y.)

CLARENCE EWALD DE LA CHAPELLE

Assistant Professor of Medicine
B.S., M.D., New York
Associate Visiting Physician, Bellevue Hospital; Associate Physician, Lenox Hill Hospital

RALPH GODWIN DEVOE

Assistant Professor of Military Science and Tactics
M.D., Pennsylvania; Graduate, Army Command and Staff School. General Staff Eligible List
Lieutenant-Colonel, Medical Corps, United States Army

KAUFMAN GEORGE FALK

Professor of Chemical Bacteriology in Preventive Medicine
B.S., Columbia; Ph.D., Strassburg
Biological Chemist, Bureau of Laboratories, Department of Health (New York City)

JOHN WINSTON FOWLKES

Professor of Oto-Rhino-Laryngology
M.D., University of Virginia; F.A.C.S.
Visiting Surgeon, Bellevue Hospital; Associate Surgeon, St. Luke's Hospital; Consulting Oto-Rhino-Laryngologist, New York Nursery and Child's Hospital

HOWARD FOX

Professor of Dermatology and Syphilology

A.B., Yale; M.D., Columbia; Sc.D., Rollins
Visiting Dermatologist, Bellevue, Willard Parker, and Riverside Hospitals, and United States Public Health Service; Consulting Dermatologist, Lenox Hill, Manhattan Eye, Ear, and Throat, New York Nursery and Child's, Fifth Avenue, Knickerbocker, Lutheran, Union, Kings Park, Veterans' (No. 8r), Muhlenberg (Plainfield, N. J.), and St. Vincent's (Montclair, N. J.) Hospitals

ALEXANDER FRASER

Professor of Pathological Histology

A.B., M.D., C.M., Dalhousie
Pathologist, St. Vincent's, New York Foundling, and Peoples Hospitals; Consulting Pathologist, Monmouth Memorial and New York Polyclinic Hospitals

EMANUEL DAVID FRIEDMAN

Professor of Neurology

B.S., College of the City of New York; M.D., New York
Visiting Neurologist, Bellevue Hospital; Director, Neurological Service, Beth Israel Hospital; Chief of Neurological Service, United Israel-Zion Hospital (Brooklyn, N. Y.); Consulting Neurologist, St. Agnes' (White Plains, N. Y.), Jersey City, and St. Joseph's (Far Rockaway, N. Y.) Hospitals and N. V. A. Sanatorium (Saranac Lake, N. Y.)

ALEXANDER O. GETTLER

Professor of Toxicology

B.S., College of the City of New York; A.M., Ph.D., Columbia
Toxicologist to Chief Medical Examiner's office (City of New York)

JOSEPH HAIM GLOBUS

Associate Professor of Neuro-Anatomy and Neuropathology

B.S., Columbia; M.D., Cornell
Associate Neurologist and Associate Neuropathologist, Mt. Sinai Hospital; Consulting Neurologist, Southside (Bay Shore, L. I.), John T. Mather Memorial (Port Jefferson, L. I.), and New Brunswick (Amityville, L. I.) Hospitals; Visiting Neurologist, Randalls Island and Letchworth Village Hospitals

WILLIAM GOLDRING

Assistant Professor of Clinical Medicine

B.S., M.D., New York
Associate Visiting Physician, Bellevue Hospital

THOMAS ARTHUR GONZALES

Assistant Professor of Forensic Medicine

M.D., New York
Deputy Chief Medical Examiner (New York City); Director of Laboratories, Broad Street and St. Elizabeth's (Elizabeth, N. J.) Hospitals

ONSLOW ALLEN GORDON, JR.

Associate Professor of Gynecology

M.D., Long Island College Hospital; F.A.C.S.
Associate Visiting Obstetrician and Gynecologist, Bellevue Hospital; Obstetrician, Carson C. Peck Memorial and St. John's Hospitals

IRVING GRAEF

Assistant Professor of Pathology; Assistant Director of Pathological Laboratories

A.B., M.D., Cornell
Assistant Pathologist, Bellevue Hospital

ISIDOR GREENWALD

Associate Professor of Chemistry

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

MENAS SARKAS GREGORY

*Professor of Psychiatry*M.D., Albany Medical College
Director, Bellevue Psychiatric Hospital; Consulting Psychiatrist, Neurological Institute

ISAAC SETH HIRSCH

*Professor of Radiology*M.D., Columbia; D.M.R.E., Cambridge; F.A.C.P.
Director of the Edward N. Gibbs Memorial X-Ray Laboratory; Director of the Department of Radiology, Beth Israel Hospital; Consulting Radiologist, Bronx Hospital

FREDERICK CLARK HOLDEN

*Professor of Obstetrics and Gynecology; Administrative Chairman of the Department*M.D., New York; F.A.C.S.
Visiting Obstetrician and Gynecologist in Charge, Bellevue Hospital; Attending Gynecologist, French Hospital; Consulting Obstetrician, Methodist Episcopal (Brooklyn, N. Y.), Mt. Vernon (Mt. Vernon, N. Y.), Margaret Hague Maternity (Jersey City, N. J.), Brooklyn Jewish Maternity (Brooklyn, N. Y.), and St. Joseph's (Far Rockaway, N. Y.) Hospitals; Consulting Gynecologist, Harlem, New York Nursery and Child's, Broad Street, and Jersey City (Jersey City, N. J.) Hospitals, and the Department of Cancer (New York City)

NORMAN JOLLIFFE

*Assistant Professor of Clinical Medicine*B.S., West Virginia; M.D., New York
Associate in Medicine, Bellevue Psychiatric Hospital

JULIUS AUGUST KLOSTERMAN

Associate Professor of Bacteriology

B.S., M.S., Ph.D., New York

ARTHUR KRIDA

*Professor of Orthopedic Surgery*M.D., Albany Medical College; F.A.C.S.
Visiting Orthopedic Surgeon, Bellevue, New York Nursery and Child's, and Lutheran Hospitals; Consulting Orthopedic Surgeon, United States Marine Hospitals No. 21 and No. 43, North Hudson Hospital (Weehawken, N. J.), Reconstruction Home for Crippled Children (Schenectady, N. Y.), and Saratoga Hospital (Saratoga Springs, N. Y.)

MILTON LEVY

Assistant Professor of Chemistry

B.S., Washington; Ph.D., St. Louis

EDITH MAAS LINCOLN

*Assistant Professor of Pediatrics*A.B., Vassar; M.D., Johns Hopkins
Associate Visiting Physician, Children's Medical Service, Bellevue Hospital

CURRIER McEWEN

*Assistant Professor of Medicine; Assistant Dean; Secretary*B.S., Wesleyan; M.D., New York
Assistant Visiting Physician, Bellevue Hospital

EDWARD ROBERT MALONEY

*Assistant Professor of Dermatology and Syphilology*M.D., Columbia
Consulting Dermatologist, New York Infirmary for Women and Children; Attending Dermatologist, St. Vincent's and Seaside Hospitals; Associate Visiting Dermatologist, Bellevue Hospital

ARTHUR RUDOLPH MANDEL

*Professor of Clinical Pathology*M.D., New York
Visiting Physician and Clinical Pathologist, St. Vincent's Hospital; Consulting Physician, Perth Amboy Hospital (Perth Amboy, N. J.)

HARRISON STANFORD MARTLAND

*Associate Professor of Forensic Medicine*A.B., Western Maryland; M.D., Columbia
Pathologist, City Hospital (Newark, N. J.); Chief Medical Examiner, Essex County (New Jersey)

CHARLES NORRIS

*Professor of Forensic Medicine*Ph.B., Yale; M.D., Columbia
Chief Medical Examiner (New York City)

ALFRED TOWNSEND OSGOOD

*Professor of Urology*A.B., Yale; M.D., Columbia; F.A.C.S.
Associate Visiting Urologist, Bellevue Hospital; Consulting Urologist, French, Plainfield, Bronxville, and Northern Westchester (Mt. Kisco, N. Y.) Hospitals; Attending Urologist, New York City Cancer Hospital

WILLIAM HALLOCK PARK

*Biggs Professor of Preventive Medicine; Director of Bacteriological Laboratories*A.B., College of the City of New York; M.D., Columbia; LL.D., Queen's; Sc.D., New York, Yale, Columbia
Director of the Bureau of Laboratories, Department of Health (New York City); Consulting Bacteriologist, Willard Parker Hospital

ELAINE PANDIA RALLI

*Assistant Professor of Medicine*A.B., Vassar; M.D., New York
Associate Visiting Physician, Bellevue Hospital

ARMIN V. ST. GEORGE

*Assistant Professor of Gross Pathology*Ph.G., Ph.C., M.D., Columbia
Assistant Director of Laboratories, Department of Hospitals (New York City)

PAUL FERDINAND SCHILDER

*Research Professor of Psychiatry*Ph.D., M.D., Vienna
Alienist, Bellevue Psychiatric Hospital

HAROLD D. SENIOR

Professor of Anatomy; Director of the Anatomical Laboratories

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

EDWIN MORRILL SHEARER

Assistant Professor of Anatomy
A.B., California; Ph.D., Princeton

BERTRAM GARNER SMITH

Professor of Anatomy
A.B., Michigan; Ph.D., Columbia

CHARLES HENDEE SMITH

Professor of Pediatrics
B.S., Cornell; M.D., Columbia
Visiting Physician in charge of Children's Medical Service, Bellevue Hospital; Consulting Physician, New York Infirmary for Women and Children, Lawrence (Bronxville, N. Y.), Englewood (Englewood, N. J.), United (Port Chester, N. Y.), Nassau (Mineola, L. I.), Nyack (Nyack, N. Y.), and Flushing (Flushing, N. Y.) Hospitals

HOMER WILLIAM SMITH

Professor of Physiology
A.B., Denver; Sc.D., Johns Hopkins

WILLIAM EMERY STUDDIFORD

Associate Professor of Obstetrics and Gynecology
B.S., M.D., New York
Associate Visiting Obstetrician and Gynecologist, Bellevue Hospital

MILLS STURTEVANT

Professor of Clinical Medicine
A.B., Dartmouth; M.D., Columbia; F.A.C.P.
Visiting Physician, Bellevue Hospital

LUCY PORTER SUTTON

Assistant Professor of Pediatrics
A.B., Barnard; M.D., Cornell
Associate Visiting Physician, Children's Medical Service, Bellevue Hospital

DOUGLAS SYMMERS

Professor of Pathology; Director of Pathological Laboratories
M.D., Jefferson
Director of Laboratories, Department of Hospitals (New York City)

ROBERT PELTON WADHAMS

Professor of Clinical Surgery
Ph.B., Yale; M.D., New York; F.A.C.S.
Visiting Surgeon, Bellevue and French Hospitals; Consulting Surgeon, Torrington Hospital (Connecticut); Consulting Radiologist, St. Vincent's Hospital; Assistant Director, Division of Cancer, Department of Hospitals (New York City)

GEORGE BARCLAY WALLACE

Professor of Pharmacology
M.D., Michigan

WEBB WILLIAM WEEKS

Professor of Ophthalmology
A.B., M.D., Columbia; F.A.C.S.
Visiting Surgeon, Bellevue Hospital; Attending Surgeon in Ophthalmology, New York Eye and Ear Infirmary; Consulting Surgeon, Rockefeller Institute Hospital

ISRAEL WEINSTEIN

Assistant Professor of Preventive Medicine
A.B., College of the City of New York; A.M., Ph.D., M.D., Columbia; Sc.D., New York
Adjunct Visiting Physician, Montefiore Hospital; Attending Bacteriologist, Sea View Hospital (Staten Island, N. Y.)

SAMUEL BERNARD WORTIS

Assistant Professor of Neurology
A.B., M.D., Cornell
Assistant Visiting Neurologist, Bellevue and Willard Parker Hospitals, and the New York Neurological Institute; Consulting Neurologist, United States Public-Health Service (Ellis Island, N. Y.), and Woman's Hospital

ARTHUR MULLIN WRIGHT

George David Stewart Professor of Surgery; Director of Third Surgical Division, Bellevue Hospital

A.B., M.D., Cornell; F.A.C.S.
Visiting Surgeon, Bellevue Hospital; Director of Surgery, French Hospital; Consulting Surgeon, Mt. Vernon (Mt. Vernon, N. Y.), Southside (Bay Shore, L. I.), St. Agnes' (White Plains, N. Y.), and Brunswick General (Amityville, N. Y.) Hospitals

JOHN WYCKOFF

Professor of Medicine; Dean; Director of Third Medical Division, Bellevue Hospital

M.D., New York; A.M., Rutgers
Visiting Physician, Bellevue Hospital; Consulting Physician, Good Samaritan (Suffern, N. Y.), Mt. Vernon (Mt. Vernon, N. Y.), Nyack (Nyack, N. Y.), Presbyterian (Newark, N. J.), St. Agnes' (White Plains, N. Y.), St. John's (Long Island, N. Y.), and Southside (Bay Shore, L. I.) Hospitals and New York Infirmary for Women and Children; Consulting Cardiologist, Misericordia, Rockaway Beach (Rockaway, N. Y.), and St. Joseph's (Far Rockaway, N. Y.) Hospitals

CLINICAL FACULTY

WILLIAM HOWARD BARBER

Clinical Professor of Surgery
A.B., M.D., Columbia; F.A.C.S.
Visiting Surgeon, Bellevue and Jamaica (Jamaica, L. I.) Hospitals

PAUL E. BECHET

Assistant Clinical Professor of Dermatology and Syphilology
M.D., Tulane
Consulting Dermatologist, Mt. Vernon Hospital (Mt. Vernon, N. Y.), and Hospital for Ruptured and Crippled; Attending Physician, Stuyvesant Square Hospital

FENWICK BEEKMAN

Clinical Professor of Surgery
M.D., University of Pennsylvania; F.A.C.S.
Visiting Surgeon, Bellevue Hospital; Consulting Surgeon, Lincoln Hospital; Consulting Pediatric Surgeon, Fitkin Memorial Hospital (Neptune, N. J.); Attending Surgeon, Hospital for Ruptured and Crippled.

SAMUEL DENNIS BELL

Assistant Clinical Professor of Pediatrics
A.B., Princeton; M.D., Columbia
Associate Visiting Physician, Children's Medical Service, Bellevue Hospital

SIMON RISEFELD BLATTEIS

Clinical Professor of Medicine

M.D., New York; F.A.C.P.
Consulting Pathologist and Attending Physician, Jewish Hospital (Brooklyn, N. Y.); Consulting Physician, Beth-El and Trinity Hospitals (Brooklyn, N.Y.)

GEORGE LOVERIDGE BOWEN

Assistant Clinical Professor of Obstetrics

A.B., M.D., George Washington
Assistant Visiting Obstetrician and Gynecologist, Bellevue Hospital

JOSEPH BUCHMAN

Assistant Clinical Professor of Orthopedic Surgery

B.S., M.D., Columbia; F.A.C.S.
Associate Orthopedic Surgeon, Hospital for Joint Diseases; Associate Orthopedic Surgeon and Chief of Clinic, Israel Zion Hospital; Assistant Surgeon, Hospital for Ruptured and Crippled

JESSE G. M. BULLOWA

Clinical Professor of Medicine

A.B., College of the City of New York; M.D., Columbia
Visiting Physician, Willard Parker and Harlem Hospitals; Consulting Serotherapist, Long Beach Hospital

CARL GOODWIN BURDICK

Clinical Professor of Surgery

M.D., Columbia; F.A.C.S.
Director of Surgical Service, Fourth Division, Bellevue Hospital; Attending Surgeon, Hospital for Ruptured and Crippled; Consulting Surgeon, New York Infirmary for Women and Children

HENRY THOMAS BURNS

Assistant Clinical Professor of Obstetrics and Gynecology

B.S. in Med., Georgia; M.D., Emory; F.A.C.S.
Attending Surgeon, New York Nursery and Child's Hospital; Consulting Gynecologist and Obstetrician, Fitkin Memorial Hospital (Asbury Park, N. J.); Assistant Visiting Obstetrician and Gynecologist, Bellevue Hospital

WALTER LESTER CARR

Clinical Professor of Pediatrics

M.D., New York; A.M., Rutgers
Consulting Pediatrician, City, Woman's, and Letchworth Village Hospitals, and New York Eye and Ear Infirmary

HUGH CHAPLIN

Clinical Professor of Pediatrics

Litt.B., Princeton; M.D., Columbia
Visiting Physician, Children's Medical Service, Bellevue Hospital

PAUL CRENSHAW COLONNA

Clinical Professor of Orthopedic Surgery

A.B., Randolph-Macon; M.D., Johns Hopkins; F.A.C.S.
Associate Surgeon, Hospital for Ruptured and Crippled; Associate Orthopedic Surgeon, Bellevue and Neponsit Beach Hospitals

FRANK CHARLES COMBES

Clinical Professor of Dermatology and Syphilology

M.D., New York
Consulting Dermatologist and Syphilologist, New Rochelle (New Rochelle, N. Y.) and United (Port Chester, N. Y.) Hospitals; Assistant Visiting Dermatologist, Willard Parker Hospital

WILLIAM BROWN DOHERTY

Assistant Clinical Professor of Ophthalmology

M.D., Louisville
Ophthalmological Surgeon, Lawrence Hospital (Bronxville, N. Y.); Assistant Visiting Ophthalmologist, Bellevue Hospital; Senior Assistant Surgeon, New York Eye and Ear Infirmary

WILLIAM THOMAS DORAN

Clinical Professor of Surgery

M.D., Long Island College Hospital; F.A.C.S.
Visiting Surgeon, Bellevue and Misericordia Hospitals

JOHN DOUGLAS

Clinical Professor of Surgery

B.S., College of the City of New York; M.D., Columbia; F.A.C.S.
Consulting Surgeon, Bellevue, Knickerbocker, and Harlem Eye and Ear Hospitals; Attending Surgeon, St. Luke's Hospital

CARL EGGERS

Clinical Professor of Surgery

M.D., Columbia
Attending Surgeon, Lenox Hill Hospital; Director of Surgery, Stuyvesant Square Hospital; Consulting Surgeon, Lawrence Hospital (Bronxville, N. Y.)

HENRY CHARLES FALK

Clinical Professor of Gynecology

M.D., Columbia
Gynecologist, French Hospital; Visiting Gynecologist, Harlem Hospital; Consulting Surgeon, Rockaway Beach Hospital (Rockaway, N. Y.)

SAMUEL FEIGIN

Assistant Clinical Professor of Psychiatry

M.D., New York
Alienist, Bellevue Psychiatric Hospital

HERMANN FISCHER

Clinical Professor of Surgery

M.D., Columbia; F.A.C.S.
Attending Surgeon, Lenox Hill Hospital

FREDERICK CLARENCE FREED

Clinical Professor of Obstetrics and Gynecology

M.D., Jefferson; F.A.C.S.
Associate Visiting Obstetrician and Gynecologist, Bellevue Hospital

ISIDORE HARRY GOLDBERGER

Assistant Clinical Professor of Pediatrics

M.D., New York
Visiting Physician, Willard Parker Hospital; Consulting Pediatrician, Morrisania City Hospital; Attending Pediatrician, Home for Hebrew Infants; Assistant Director of Health Education, Board of Education (New York City)

CHARLES GOODMAN

Clinical Professor of Surgery

M.D., Western Reserve; F.A.C.S.

Director of Surgery, Broad Street and Pan-American Hospitals; Associate Surgeon, Beth David and New York Polyclinic Hospitals, and Hospital for Deformities; Consulting Surgeon, Daughters of Jacob, Rockaway Beach, and Beth Israel Hospitals; Attending Surgeon, Park West Hospital

GAYLORD WILLIS GRAVES

Clinical Professor of Pediatrics

A.B., M.D., Cornell

Visiting Physician, Children's Medical Service, Bellevue Hospital; Medical Director, Seaside Hospital

JOHN W. HAMMOND

Assistant Clinical Professor of Pediatrics

A.B., Dartmouth; M.D., Harvard

Assistant Visiting Physician, Children's Medical Service, Bellevue Hospital

CLAUDE EDWIN HEATON

Assistant Clinical Professor of Obstetrics and Gynecology

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

Assistant Visiting Obstetrician and Gynecologist, Bellevue Hospital; Attending Obstetrician, New York Nursery and Child's Hospital and Lobenstine Memorial Midwifery Clinic

EDWIN WILSON HOLLADAY

Clinical Professor of Obstetrics and Gynecology

A.B., M.D., University of Virginia; F.A.C.S.

Associate Visiting Obstetrician and Gynecologist, Bellevue Hospital; Consulting Gynecologist and Obstetrician, Central Islip Hospital (Central Islip, N. Y.)

IRA I. KAPLAN

Clinical Professor of Surgery

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

Director, Division of Cancer, Department of Hospitals (New York City); Director, New York City and Brooklyn Cancer Institutes; Visiting Radiation Therapist, Bellevue Hospital; Associate Radium Therapist, Lenox Hill Hospital; Consulting Radiation Therapist, Park East, Beth-El (Brooklyn, N. Y.), and Brunswick General (Amityville, L. I.) Hospitals

JOSEPHINE HEMENWAY KENYON

Assistant Clinical Professor of Pediatrics

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

Clinical Assistant in Neurology, Vanderbilt Clinic; Associate Visiting Physician, Children's Medical Service, Bellevue Hospital

SOPHIA J. KLEEGMAN

Assistant Clinical Professor of Gynecology

M.D., New York

Assistant Visiting Obstetrician and Gynecologist, Bellevue Hospital

GEORGE AUGUST KOENIG

Clinical Professor of Surgery

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

Attending Surgeon, Bellevue Hospital; Associate Surgeon, Knickerbocker Hospital

GASTON LABAT

Clinical Professor of Surgery

Bachelor and Laureate, M.D., Paris

In charge of Regional Anaesthesia; Consulting Regional Anaesthetist, Woman's and New York Orthopedic Hospitals; Regional Anaesthetist, Mount Sinai Hospital; Visiting Regional Anaesthetist, Presbyterian Hospital

LOUIS CHARLES LANGE

Assistant Clinical Professor of Surgery

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

Surgeon, Margaret Hague Maternity Hospital (Jersey City, N. J.); Associate Surgeon, Christ Hospital (Jersey City, N. J.)

OSWALD LAROTONDA

Assistant Clinical Professor of Medicine

M.D., New York

Visiting Physician, Harlem and St. Vincent's Hospitals

THOMAS EUGENE LAVELL

Assistant Clinical Professor of Gynecology

A.B., Georgetown; M.D., Harvard; F.A.C.S.

Associate Visiting Obstetrician and Gynecologist, Bellevue Hospital; Attending Obstetrician, St. Vincent's Hospital

LUTHER BURNS MACKENZIE

Clinical Professor of Medicine

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

Visiting Physician, Bellevue Hospital; Attending Physician, Bronchoscopic Clinic, Manhattan Eye and Ear Hospital

EVAN WILLIAMS MCLAVE

Assistant Clinical Professor of Medicine

M.D., New York

Visiting Physician, St. John's (Long Island, N. Y.) Hospital; Associate Visiting Physician, Bellevue Hospital

FRANK MCLEAN

Assistant Clinical Professor of Pediatrics

A.B., A.M., North Carolina; M.D., University of Virginia

Associate Visiting Physician, Children's Medical Service, Bellevue Hospital

WALTER HAROLD MCNEILL, JR.

Clinical Professor of Urology

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

Associate Visiting Urologist, Bellevue Hospital; Attending Urologist, Mt. Vernon (Mt. Vernon, N. Y.) and New Rochelle (New Rochelle, N. Y.) Hospitals; Consulting Urologist, New York Central Railroad

ARTHUR SPAULDING MCQUILLAN

Clinical Professor of Surgery

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

Visiting Surgeon, Bellevue Hospital; Assistant Director of Surgery, Misericordia Hospital

ALEXANDER TERTIUS MARTIN

Clinical Professor of Pediatrics

B.S., Princeton; M.D., University of Pennsylvania

Associate Pediatrician, Roosevelt Hospital; Attending Pediatrician, Lincoln Hospital; Consulting Pediatrician, Seaside and Tonsil Hospitals

HAROLD RUSSELL MERWARTH

*Assistant Clinical Professor of Neurology*A.B., Lehigh; M.D., Harvard
Neurologist, Methodist Episcopal and Brooklyn Hospitals; Consulting Neurologist, Nassau (Mineola, L. I.), North Country Community (Glen Cove, N. Y.), and Brooklyn Eye and Ear Hospitals and the Brooklyn Home for Tuberculosis

EMANUEL MUSKATBLIT

Assistant Clinical Professor of Dermatology and Syphilology

M.D., Odessa

MIHRAN BOGHOS PAROUNAGIAN

Clinical Professor of Dermatology and Syphilology

M.D., New York

Visiting Dermatologist and Syphilologist, Bellevue Hospital; Consulting Dermatologist and Syphilologist, Gouverneur, Italian (New York), Manhattan State (Ward's Island, N. Y.), Bayonne (Bayonne, N. J.), St. Luke's (Newburgh, N. Y.), St. Francis (Poughkeepsie, N. Y.), Cornwall (Cornwall, N. Y.), and Jersey City (Jersey City, N. J.) Hospitals

SAMUEL M. PECK

Assistant Clinical Professor of Dermatology and Syphilology

B.S., M.D., Columbia

Adjunct Dermatologist and Assistant Dermatopathologist, Mount Sinai Hospital

OTTO CARL PICKHARDT

Clinical Professor of Surgery

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

Attending Surgeon, Lenox Hill Hospital; Consulting Surgeon, Isabella Home

GIUSEPPE PREVITALI

Clinical Professor of Pediatrics

M.D., Turin

Visiting Physician, Children's Medical Service, Bellevue Hospital

WILLIAM JOSEPH PULLEY

Clinical Professor of Medicine

M.D., New York

Medical Superintendent, College Clinic; Consulting Physician, Riverside Hospital

BRET RATNER

Clinical Professor of Pediatrics; Lecturer on Bacteriology

M.D., New York

Associate Visiting Physician, Children's Medical Service, Bellevue Hospital; Attending Immunologist, Seaside Hospital

ARTHUR MITCHELL REICH

Assistant Clinical Professor of Obstetrics

M.D., Long Island College Hospital; F.A.C.S.

Associate Visiting Obstetrician and Gynecologist, Bellevue Hospital; Obstetrician and Gynecologist, Booth Memorial Hospital; Consulting Obstetrician, New York Infirmary for Women and Children

EDWARD JOHN RILEY

Assistant Clinical Professor of Medicine

M.D., Albany Medical College

Attending Physician, St. Vincent's Hospital; Consulting Physician, St. Ann's Maternity, St. Elizabeth's (Elizabeth, N. J.), and St. Joseph's (Yonkers, N. Y.) Hospitals

EDWARD SHERRARD RIMER

Clinical Professor of Pediatrics

M.D., New York

Consulting Pediatrician, St. Vincent's Hospital (Staten Island, N. Y.); Consulting Physician, St. John's Guild and St. Francis (Port Jervis, N. Y.) Hospitals; Visiting Physician, Children's Medical Service, Bellevue Hospital

MILTON BENJAMIN ROSENBLÜTH

Clinical Professor of Medicine

A.B., M.D., Columbia

Associate Visiting Physician, Bellevue Hospital

HARRY CLAYTON SAUNDERS

Clinical Professor of Dermatology and Syphilology

A.B., M.D., Bowdoin

Attending Dermatologist, French Hospital; Assistant Visiting Dermatologist, Bellevue Hospital

EDMUND PENDLETON SHELBY

Clinical Professor of Medicine

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

Consulting Physician, City Hospital

HARRY AARON SOLOMON

Assistant Clinical Professor of Medicine

M.D., New York

Visiting Physician, Bellevue Hospital

FRANCIS WASHINGTON SOVAK

Clinical Professor of Gynecology

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

Associate Visiting Obstetrician and Gynecologist, Bellevue Hospital; Attending Gynecologist, Misericordia Hospital

LEO SPIEGEL

Assistant Clinical Professor of Dermatology and Syphilology

M.D., Columbia

Associate Dermatologist and Chief of Clinic, Lenox Hill Hospital; Clinical Assistant Visiting Dermatologist and Syphilologist, Bellevue Hospital

DEWITT STETTEN

Clinical Professor of Surgery

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

Attending Surgeon, Lenox Hill Hospital

LOUIS TULIPAN

Clinical Professor of Dermatology and Syphilology

M.D., Columbia

Attending Dermatologist and Syphilologist, Peoples Hospital; Assistant Visiting Dermatologist, Bellevue Hospital

CORNELIUS JOHN TYSON

Clinical Professor of Medicine

M.D., New York

Director, Medical Division, St. Vincent's Hospital; Consulting Physician, French, Southside (Bayshore, L. I.), and Brunswick General (Amityville, L. I.) Hospitals

CHARLES WHEELER WALKER

Clinical Professor of Surgery

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

In charge of Operative Surgery; Consulting Surgeon, United Hospital (Port Chester, N. Y.), St. Vincent's Retreat (Harrison, N. Y.), Chief of Staff and Director of Surgery, St. Agnes' Hospital (White Plains, N. Y.)

ROBERT PULLEY WALLACE

Assistant Clinical Professor of Medicine

M.D., New York

Assistant Visiting Physician, Bellevue Hospital

LILIAN COOK WARNSHUIS

Assistant Clinical Professor of Medicine

M.B., Ch.B., Edinburgh

Assistant Visiting Physician, Bellevue Hospital

LECTURERS

DAVID NYE BARROWS, *Gynecology*

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

Attending Gynecologist, Willard Parker Hospital and Hospital for Ruptured and Crippled; Associate Obstetrician and Gynecologist, Bellevue Hospital

EMIL BOGEN, *Visiting Lecturer on Preventive Medicine*

A.B., A.M., M.D., University of Cincinnati

Pathologist and Director of Laboratories and Research, Olive View Sanatorium (Los Angeles County, California)

GEORGE AUGUSTUS CHERRY, *Dermatology and Syphilology*

M.D., New York

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

CHARLES GOODLIFFE DARLINGTON, *Dental Pathology*

M.D., Medico-Chirurgical College of Philadelphia

Pathologist, Muhlenberg (Plainfield, N. J.), Somerset (Somerville, N. J.), and Beekman Street Hospitals; Associate Pathologist, New York Foundling Hospital; Oral Pathologist, Dental Service, Montefiore Hospital

ABRAHAM L. GREENFIELD, *Dental Radiology*

D.D.S., New York

Dental Radiographer, Montefiore Hospital

WILLIAM HENRY GUILFOY, *Preventive Medicine*

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

ARTHUR JOHN HUEY, *Oto-Rhino-Laryngology*

M.D., New York

Consulting Laryngologist and Otolgologist, United States Public Health Service, United States Marine Hospitals, Nos. 43, 21, and 70; Assistant Surgeon, Department of Oto-Rhino-Laryngology, Metropolitan Hospital

EDWARD SHEARMAN MCSWEENEY, *Tuberculosis Treatment and Convalescent Care*

M.D., D.P.H., New York; F.A.C.P.

Physician, Stony Wold Sanatorium (Lake Kashaqua, N. Y.), Workmen's Circle Sanatorium, Loomis Sanatorium (Liberty, N. Y.), and Gabriels Sanatorium (Gabriels, N. Y.); Medical Director, New York Telephone Company; Consulting Physician, Westchester County Sanatorium and St. John's Hospital (Long Island, N. Y.)

EDWARD HARVEY MARSH, *Preventive Medicine*

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

Consulting Dermatologist, Nyack Hospital (Nyack, N. Y.); Deputy Commissioner of Health (Westchester County, N. Y.)

GEORGE O'HANLON, *Hospital Organization and Administration*

Ph.B., LL.D., Alfred; M.D., Columbia

Medical Director, Jersey City Hospital (Jersey City, N. J.)

ANDREW J. PROVOST, JR., *Preventive Medicine*

C.E., Columbia

EUGENE FAIRCHILD RUSSELL, *Life-Insurance Medicine*

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

MAY CATHERINE SCHRODER, *Preventive Medicine*

M.D., Tufts

Assistant Director, Bureau of Laboratories, Department of Health (New York City); Assistant Physician, Women's and Children's Hospital

WILLIAM FREEMAN SNOW, *Preventive Medicine*

A.M., Stanford; M.D., Cooper

President, National Health Council; General Director, American Social Hygiene Association

AUGUST A. THOMEN, *Medicine*

M.D., New York

CHARLES ROBERT TYLER, *Bacteriology*

Ph.G., New York

Bacteriologist, Department of Health (New York City)

MEMBER OF FACULTY AT PRESENT INACTIVE

LEON THEODORE LEWALD, M.D., D.M.R.E., F.A.C.P., F.A.C.R.

Professor of Roentgenology

INSTRUCTORS

Sigmund Arthur Agatston, M.D., F.A.C.S.	<i>Ophthalmology</i>
Helen Lee Aikman, A.B.	<i>Bacteriology</i>
Philip Daly Allen, M.D.	<i>Surgery</i>
Elizabeth Torrey Andrews, A.B., M.D.	<i>Pediatrics</i>
Benjamin Apfelberg, M.D.	<i>Psychiatry</i>
Isador Apfelberg, M.D.	<i>Dermatology and Syphilology</i>
Emanuel Appelbaum, A.B., M.D.	<i>Medicine</i>
Ruth Morris Bakwin, A.B., M.A. in Psychology, M.D.	<i>Pediatrics</i>
Mark Hopkins Barnes, M.D.	<i>Ophthalmology</i>
Aaron Bell, A.B., M.D.	<i>Neurology</i>
Lauretta Bender, B.S., A.M., M.D.	<i>Psychiatry</i>
Louis Berlinrood, A.B., M.D.	<i>Pediatrics</i>
Morris Block, B.S., M.D.	<i>Medicine</i>
David Bloom, M.D.	<i>Dermatology and Syphilology</i>
Oscar Bodansky, Ph.D.	<i>Pediatrics</i>
Anthony Stanley Bogatko, M.D.	<i>Surgery</i>
John Verne Bohrer, B.S., M.D., F.A.C.S.	<i>Surgery</i>
Lester Breidenbach, B.S., M.D. F.A.C.S.	<i>Surgery</i>
Aaron Brown, M.D.	<i>Medicine</i>
Louis Albert Bunim, M.D.	<i>Obstetrics</i>
Samuel Bennett Burk, LL.M., M.D., F.A.C.S.	<i>Surgery</i>
Frank Anthony Calderone, M.D.	<i>Pharmacology</i>
William Herron Cameron, M.D.	<i>Dermatology and Syphilology</i>
Meredith Fairfax Campbell, M.S., M.D., F.A.C.S.	<i>Urology</i>
Victor Carabba, D.V.S., M.D.	<i>Surgery</i>
Irving Claman, A.B., M.D.	<i>Pediatrics</i>
Robert Watkins Clarke, M.S.	<i>Physiology</i>
Clyde Wilson Collings, M.D., F.A.C.S.	<i>Urology</i>
Natale Colosi, M.S.	<i>Bacteriology</i>
Georgia Mabel Cooper, A.B.	<i>Bacteriology</i>
Max Philip Cowett, M.D.	<i>Medicine</i>
Gerard Hutchison Cox, M.D.	<i>Oto-Rhino-Laryngology</i>
Joseph Croce, M.D.	<i>Surgery</i>
Frank Joseph Curran, B.S., M.D.	<i>Psychiatry</i>
Garman Harlow Daron, Ph.D.	<i>Anatomy</i>
Ward Crissman Denison, M.D., F.A.C.S.	<i>Oto-Rhino-Laryngology</i>
Edward Victor Denneen, A.B., M.D., F.A.C.S.	<i>Surgery</i>
William Miller Dick, M.D.	<i>Oto-Rhino-Laryngology</i>
William Director, M.D.	<i>Dermatology and Syphilology</i>
Katharine Gray Dodge, A.B., M.D.	<i>Pediatrics</i>
Benjamin Dubovsky, M.D.	<i>Clinical Pathology</i>

Harry Belleville Eisberg, M.D., F.A.C.S.	<i>Surgery</i>
Herbert Leonard Elias, A.B., M.D.	<i>Pediatrics</i>
Saburo Emy, M.D.	<i>Anaesthesia</i>
Pauline Epstein	<i>Bacteriology</i>
Everett Godfrey Fausel, B.S., M.D.	<i>Experimental Surgery</i>
Thomas Joseph Galvin, M.D.	<i>Surgery</i>
Herman Gerber, B.S.	<i>Bacteriology</i>
Myron Everett Goldblatt, A.B., M.D.	<i>Obstetrics and Gynecology</i>
Joseph Goldstein, Ph.G., Ph.C., M.D.	<i>Pediatrics</i>
Leonard John Goldwater, A.B., M.D.	<i>Medicine</i>
Morris Goodman, M.D.	<i>Medicine</i>
Charles Gottlieb, M.D.	<i>Radiology</i>
Edward Bellamy Gresser, M.D., F.A.C.S.	<i>Ophthalmology</i>
William Spencer Gurnee, M.D.	<i>Gynecology</i>
John Guttman, B.S., M.D.	<i>Oto-Rhino-Laryngology</i>
James Swift Hanley, A.B., M.D., C.M.	<i>Oto-Rhino-Laryngology</i>
Francis Harrison, A.B., M.D.	<i>Surgery</i>
Norman Higinbotham, M.D., C.M.	<i>Surgery</i>
James William Hinton, M.D., F.A.C.S.	<i>Surgery</i>
Francis Huber, A.B., M.D.	<i>Surgery</i>
Frank Huber, A.B., M.D.	<i>Radiology</i>
Wendel Lochard Hughes, M.D.	<i>Ophthalmology</i>
Elmer I. Huppert, M.D., F.A.C.S.	<i>Surgery</i>
Samuel Irgang, M.D.	<i>Dermatology and Syphilology</i>
Harold Jacobziner, A.B., B.S., M.D.	<i>Pediatrics</i>
Alfred Ashton Johnson, M.D.	<i>Surgery</i>
Ruth Williams Kidd	<i>Bacteriology</i>
Arnold Koffler, M.D.	<i>Medicine</i>
Jerome L. Kohn, M.D.	<i>Pediatrics</i>
Wendel J. S. Krieg, M.S.	<i>Anatomy</i>
Meyer Julius Kutisker, M.D., F.A.C.S.	<i>Surgery</i>
Kurt Landé, M.D.	<i>Forensic Medicine</i>
Herman Harold Lardaro, M.D.	<i>Gynecology</i>
Jacques Melvin Lewis, M.D.	<i>Pediatrics</i>
Kenneth Mark Lewis, B.S., M.D.	<i>Surgery</i>
Harold Liggett, M.D., F.A.C.S.	<i>Oto-Rhino-Laryngology</i>
Merrill D. Lipsky, A.B., M.D.	<i>Surgery</i>
Edward Meakin Livingston, B.S., M.D.	<i>Surgery</i>
John Corran McCauley, Jr., B.S., M.D.	<i>Orthopedic Surgery</i>
Victor C. McCuaig, M.D.	<i>Oto-Rhino-Laryngology</i>
John Alexander MacIsaac, A.B., M.D., F.A.C.S.	<i>Oto-Rhino-Laryngology</i>

Amedeo Sorrentino Marrazzi, M.D.	<i>Pharmacology</i>
Ashby Goddin Martin, M.D., F.A.C.S.	<i>Oto-Rhino-Laryngology</i>
Clinton Hutton Martin, M.D.	<i>Dermatology and Syphilology</i>
Raymond Emory Meek, M.D., F.A.C.S.	<i>Ophthalmology</i>
Benjamin Messinger, M.D.	<i>Medicine</i>
Attilio Milici, A.B., M.D.	<i>Surgery</i>
Isidore Miller, M.D.	<i>Oto-Rhino-Laryngology</i>
John Miller, A.B., M.D.	<i>Oto-Rhino-Laryngology</i>
Lucy Mishulow, A.B.	<i>Bacteriology</i>
John Harold Morris, A.B., M.D.	<i>Surgery</i>
Eugene Henry Moyle, B.S., M.D.	<i>Oto-Rhino-Laryngology</i>
Samuel Mufson, A.B., M.D.	<i>Surgery</i>
John Hugh Mulholland, A.B., M.D.	<i>Surgery</i>
John Raymond Murphy, A.B., M.D.	<i>Surgery</i>
Joseph Nash, A.B., M.S., M.D.	<i>Surgery</i>
John Nelson, M.D.	<i>Surgery</i>
Rosa Lee Nemir, A.B., M.D.	<i>Pediatrics</i>
Richard Joseph O'Connell, Jr., A.B., M.D.	<i>Surgery</i>
Harry A. D. O'Connor, B.S. in Med., M.D.	<i>Surgery</i>
Carolyn Oldenbusch, A.M.	<i>Bacteriology</i>
Philip Palew, M.D.	<i>Orthopedic Surgery</i>
Albert Harold Palmer, Ph.D.	<i>Chemistry</i>
Sam Parker, A.B., M.D.	<i>Psychiatry</i>
Jean Harwood Pattison, A.B., M.D.	<i>Pediatrics</i>
Robert Franklin Pitts, Ph.D.	<i>Physiology</i>
Edgar Montfort Pope, B.S., M.D.	<i>Oto-Rhino-Laryngology</i>
Antoinette Raia, M.D.	<i>Pediatrics</i>
Floyd Chrisman Raymond, Ph.G.	<i>Therapeutics</i>
Laszlo Leonard Reiner, Ph.D., M.D.	<i>Bacteriology</i>
John Alexander Renwick, M.D.	<i>Ophthalmology</i>
Timothy Joseph Riordan, M.D.	<i>Dermatology and Syphilology</i>
Nathaniel Ross, A.B., M.D.	<i>Psychiatry</i>
Victor Ross, Ph.D.	<i>Bacteriology</i>
Harry Herbert Satchwell, LL.B., M.D.	<i>Medicine</i>
John Elden Sawhill, A.B., M.D.	<i>Medicine</i>
Richard Schorr, M.D.	<i>Pediatrics</i>
Jesse Server, M.D.	<i>Radiology</i>
Jackson Anderson Seward, M.D.	<i>Oto-Rhino-Laryngology</i>
Benjamin G. P. Shafiroff, M.D.	<i>Surgery</i>
James A. Shannon, A.B., M.D.	<i>Physiology</i>
James Bittick Shannon, M.D.	<i>Oto-Rhino-Laryngology</i>
Louis Lawrence Shapiro, M.D.	<i>Medicine</i>

Herman Sharlit, A.B., B.S., M.D.	<i>Dermatology and Syphilology</i>
Margery Carroll Shearer, A.B., M.D.	<i>Medicine</i>
Gertrude Mary Shults, A.B., M.D.	<i>Pediatrics</i>
Irwin Edwin Siris, M.D.	<i>Surgery</i>
Mortimer Dudley Speiser, M.D.	<i>Obstetrics</i>
Raymond Roscoe Squier, M.D.	<i>Obstetrics and Gynecology</i>
Samuel Standard, M.D., F.A.C.S.	<i>Surgery</i>
Israel Steinberg, B.S., M.D.	<i>Medicine</i>
Josiah Payne Thornley, M.D.	<i>Dermatology and Syphilology</i>
Arno E. Town, M.D.	<i>Ophthalmology</i>
Max Trubek, A.B., M.D.	<i>Medicine</i>
Ervin Anthony Tusak, M.D.	<i>Ophthalmology</i>
Stanley F. Ungar, M.D.	<i>Obstetrics and Gynecology</i>
Eugenia Louise Valentine, A.M.	<i>Bacteriology</i>
Samuel Stanley Wald, D.D.S.	<i>Dental Radiology</i>
Irwin Wellen, M.D.	<i>Obstetrics</i>
Joseph Gerard Welling, A.B., M.D.	<i>Surgery</i>
Stanley Mendel Wershof, A.B., M.D., C.M.	<i>Pediatrics</i>
Hippolyte Marcus Wertheim, M.D.	<i>Surgery</i>
Clifford Grete Weston, A.B., M.D.	<i>Medicine</i>
James Cling Whitaker, A.B., M.D.	<i>Surgery</i>
Jay Dashiell Whitham, M.D.	<i>Oto-Rhino-Laryngology</i>
Harriet Leslie Wilcox, A.B.	<i>Bacteriology</i>
Sigmund Wilens, A.B., M.D.	<i>Pathology</i>
Blandina Worcester, A.B., M.D.	<i>Pediatrics</i>
Peter Elias Yudkowsky, M.D.	<i>Oto-Rhino-Laryngology</i>

ASSISTANTS

Raymond N. Allen, A.B., M.D.	<i>Surgery</i>
Kalman Apfel, B.S., M.D.	<i>Medicine</i>
Saul Joshua Apfel, M.D.	<i>Oto-Rhino-Laryngology</i>
Irving Applebaum, M.D.	<i>Medicine</i>
Clyde Nelson Baker, M.D.	<i>Surgery</i>
Wilbur A. Beckett, M.D.	<i>Medicine</i>
Dorothy Behner, A.B., M.S.	<i>Bacteriology</i>
Christopher Abbott Beling, M.D.	<i>Surgery</i>
Henry Blum, M.D.	<i>Surgery</i>
Harold Brandaleone, M.D.	<i>Medicine</i>
David Carl Braun, M.D.	<i>Oto-Rhino-Laryngology</i>
Walter Bromberg, M.D.	<i>Psychiatry</i>
Marshall Stewart Brown, Jr., A.B., M.D.	<i>Medicine</i>
Joseph Bunim, M.D.	<i>Medicine</i>

Eugene Calvelli, Ph.G., Ph.C., M.D.	<i>Medicine</i>
Frank Cerniglia, A.B., M.D.	<i>Surgery</i>
Herbert Chasis, A.B., M.D.	<i>Medicine</i>
Sidney Cohen, M.D.	<i>Medicine</i>
Charles Ashley Richard Connor, A.B., M.D.	<i>Medicine</i>
Maurice Joseph Costello, B.S., M.D.	<i>Dermatology and Syphilology</i>
Emil John Delli Bovi, M.D.	<i>Surgery</i>
Harold H. Dodds, M.D.	<i>Neurology</i>
George B. Dorff, B.S., M.D.	<i>Pediatrics</i>
Irving Ehrenfeld, A.B., M.D.	<i>Medicine</i>
Theodore Hermann Elsasser, M.D.	<i>Surgery</i>
Samuel Feuerstein, M.D.	<i>Medicine</i>
William Filler, M.D.	<i>Obstetrics and Gynecology</i>
Arthur Allyn Fischl, B.S., M.D.	<i>Medicine</i>
Harold Ronald Fox, M.D.	<i>Pediatrics</i>
Bernard Fread, M.D.	<i>Ophthalmology</i>
Margaret Evelyn Fries, A.B., M.D.	<i>Pediatrics</i>
Arthur A. Gallo, M.D.	<i>Ophthalmology</i>
John Randolph Gempfert, M.D.	<i>Obstetrics and Gynecology</i>
Robert Gewanter, M.D.	<i>Oto-Rhino-Laryngology</i>
David Givner, A.B., M.D.	<i>Medicine</i>
John Francis Grady, M.D.	<i>Surgery</i>
Monroe Henry Greenblatt, B.S., M.D.	<i>Medicine</i>
Rubin Hackmeyer, M.D.	<i>Surgery</i>
Stuart Zeh Hawkes, M.D.	<i>Surgery</i>
Herman Horn, M.D.	<i>Urology</i>
Robert Hotchkiss, M.D.	<i>Urology</i>
Henry S. Huber, M.D.	<i>Surgery</i>
M. Martyn Kafka, M.D.	<i>Oto-Rhino-Laryngology</i>
Leo A. Kallen, M.D.	<i>Oto-Rhino-Laryngology</i>
Louis Keller, M.D.	<i>Oto-Rhino-Laryngology</i>
Harold Koppleman, M.D.	<i>Surgery</i>
Alfred Kornblut, M.D.	<i>Oto-Rhino-Laryngology</i>
Movses Hagop Koumrian, A.B., M.D.	<i>Surgery</i>
Ernst Walter Kulka, M.D.	<i>Obstetrics and Gynecology</i>
Joseph Lander, M.D.	<i>Neurology</i>
H. Robert Landon, M.D.	<i>Oto-Rhino-Laryngology</i>
Jules Lessem, B.S., M.D.	<i>Medicine</i>
Samuel B. Levy, B.S., M.D.	<i>Medicine</i>
Anna Lewis, B.S.	<i>Bacteriology</i>
Hyman Lieber, M.D.	<i>Surgery</i>
Benjamin Palmer Malerba, M.D.	<i>Surgery</i>

Bernard Abraham Manace, M.D.	<i>Medicine</i>
Lazarus Manoil, M.D.	<i>Surgery</i>
Roland Foster Marks, M.D.	<i>Oto-Rhino-Laryngology</i>
Eugene Chandler Milch, B.S., M.D.	<i>Neurology</i>
Lillian Milgram, A.B., M.D.	<i>Pediatrics</i>
Dabney Moon-Adams, A.M., M.D.	<i>Pediatrics</i>
G. Charles Morrone, M.D.	<i>Surgery</i>
Harry Most, M.D.	<i>Medicine</i>
John Gerard Muccigrosso, A.B., M.D.	<i>Surgery</i>
Wallace Brock Murphy, B.S., M.D.	<i>Surgery</i>
Jacob Ernest Nadler, M.D.	<i>Medicine</i>
Joseph Nash, A.B., M.S., M.D.	<i>Physiology</i>
Samuel Sym Newman, M.D.	<i>Urology</i>
Mary O'Sullivan, M.D.	<i>Neurology</i>
Francesco Pagano, M.D.	<i>Ophthalmology</i>
Howard Addison Plank, A.B., M.D.	<i>Surgery</i>
Everett William Probst, B.S., M.D.	<i>Surgery</i>
William B. Prout, M.D.	<i>Medicine</i>
James Alexander Ramsay, A.B., M.D.	<i>Surgery</i>
Louis Razinsky, B.S., M.D.	<i>Medicine</i>
Georgia Reid, A.B., M.D.	<i>Obstetrics</i>
Ethyl Greenwald Ringer, B.S.	<i>Clinical Pathology</i>
Maxwell D. Ryan, M.D.	<i>Oto-Rhino-Laryngology</i>
Thelma Jane Ryan, R.N.	<i>Therapeutics</i>
Emil Ludwig Santangelo, M.D.	<i>Surgery</i>
Morris Schaeffer, A.M.	<i>Bacteriology</i>
Harry Hershel Shilkret, B.S., M.D.	<i>Medicine</i>
Seymour H. Silvers, M.D.	<i>Dermatology and Syphilology</i>
Nelson White Sisson, M.D.	<i>Oto-Rhino-Laryngology</i>
Samuel Standard, M.D., F.A.C.S.	<i>Physiology</i>
Arthur Stern, A.B., M.D.	<i>Medicine</i>
Philip Strax, B.S., M.D.	<i>Medicine</i>
Irving Strumpf, Ph.D., M.D.	<i>Obstetrics and Gynecology</i>
Moses Carl Sucoff, B.S., M.D.	<i>Surgery</i>
Joseph L. Szekely, M.D.	<i>Oto-Rhino-Laryngology</i>
Morris Jacob Tobias, Ph.G., M.D.	<i>Anatomy</i>
Abraham O. Tumen, M.D.	<i>Clinical Medicine</i>
Reuben Turner, A.B., M.D.	<i>Pediatrics</i>
Van Rensselaer Voislavsky, M.D.	<i>Oto-Rhino-Laryngology</i>
Alice Mary Waterhouse, A.B., M.D.	<i>Medicine</i>
David Wechsler, Ph.D.	<i>Psychiatry</i>
Frederick William Williams, B.S., M.D.	<i>Medicine</i>

Hildegard Newcomb Wilson, A.M.	<i>Chemistry</i>
Jacob Allen Yager, B.S., M.D.	<i>Medicine</i>
Seymour Zaller, B.S., M.D.	<i>Orthopedic Surgery</i>
William Zitron, B.S., M.D.	<i>Medicine</i>

FELLOWS

Grace McGuire, B.S.—Research Fellow in Preventive Medicine
 George H. Stueck, Jr., A.B.—Teaching Fellow in Chemistry
 Eugenia Louise Valentine, A.B.—Research Fellow in Preventive Medicine

OTHER OFFICERS OF ADMINISTRATION

Helen R. Bayne, A.B.	<i>Librarian</i>
Leonard John Goldwater, A.B., M.D.	<i>Student Physician</i>
Hjalmar J. Thun	<i>Superintendent of Buildings</i>

STANDING COMMITTEES

Advisory Committee of the Medical Faculty

John Wyckoff, Dean, <i>Chairman</i>	Arthur M. Wright
William H. Park	R. Keith Cannan
George B. Wallace	Frederick C. Holden
Harold D. Senior	Charles H. Smith
Robert J. Carlisle	Douglas Symmers
Homer W. Smith	Currier McEwen, Assistant Dean, <i>Secretary</i>

Committee on Admissions

Edgar S. Tilton, *Secretary*

Three faculty members appointed by the Dean

Committee on Curriculum

Harold D. Senior, <i>Chairman</i>	Arthur C. DeGraff
R. Keith Cannan	Currier McEwen, <i>Secretary</i>

Committee on Dispensary

Dean Wyckoff, <i>Chairman</i>	Charles H. Smith
Frederick C. Holden	Arthur M. Wright
Edgar S. Tilton, <i>Secretary</i>	

Examining Committee of the Faculty

R. Keith Cannan, <i>Chairman</i>	Currier McEwen, <i>Secretary</i>
All members of the Advisory Committee of the Medical Faculty	

Committee on Graduate Medical Education

Arthur M. Wright, <i>Chairman</i>	William Studdiford
Homer W. Smith	Currier McEwen, <i>Secretary</i>

Committee on Herter Lectureship

George B. Wallace, <i>Chairman</i>	Alexander Fraser
R. Keith Cannan	Harold D. Senior
Homer W. Smith	

Committee on Library

Homer W. Smith, <i>Chairman</i>	Clarence de La Chapelle
Edgar S. Tilton, <i>Secretary</i>	

Committee on Student Relations

Dean Wyckoff, *Chairman* Edgar S. Tilton
 Leonard J. Goldwater George B. Wallace
 Frederick C. Holden Currier McEwen, *Secretary*

The Dean is a member, ex officio, of all standing committees.

NEW YORK UNIVERSITY MEDICAL COLLEGE CLINIC

Medical Superintendent

William J. Pulley, M.D.

Assistant to Medical Superintendent

Floyd C. Raymond, Ph.G.

Registrar and Assistant Superintendent

Mae Paris

DEPARTMENT OF MEDICINE

Head of Department

John Wyckoff, M.D.

GENERAL MEDICINE

Chief of Clinic

Evan W. McLave, M.D.

Attending Physicians

Morris Block, M.D. Marshall S. Brown, Jr., M.D.

Clinical Assistant Attending Physicians

Kalman Apfel, M.D. Monroe H. Greenblatt, M.D.
 Harold Brandaleone, M.D. Harry Most, M.D.
 Herbert Chasis, M.D. J. Ernest Nadler, M.D.
 Sidney Cohen, M.D. Louis Razinsky, M.D.
 Charles A. R. Connor, M.D. Philip Strax, M.D.
 David Givner, M.D. J. Allen Yager, M.D.

ALLERGY

Chiefs of Clinic

Aaron Brown, M.D. August A. Thomen, M.D.

Attending Physician

Clifford G. Weston, M.D.

Assistant Attending Physicians

Maurice J. Lippman, M.D. Harry H. Shilkret, M.D.

Clinical Assistant Attending Physicians

Irving Ehrenfeld, M.D. Samuel Levy, M.D.

Bernard Manace, M.D.

ARTHRITIS

Chief of Clinic

Currier McEwen, M.D.

CHEST

Chief of Clinic

Israel Steinberg, M.D.

GASTRO-ENTEROLOGY

Chief of Clinic

Mills Sturtevant, M.D.

Attending Physicians

Max P. Cowett, M.D. Jules Lessem, M.D.
 Irving Ehrenfeld, M.D. Louis Shapiro, M.D.
 Samuel Feuerstein, M.D. Robert P. Wallace, M.D.

HEART

Chief of Clinic

Margery C. Shearer, M.D.

HEMATOLOGY

Chief of Clinic

Joseph E. Connery, M.D.

Attending Physician

Leonard J. Goldwater, M.D.

HYPERTENSION AND NEPHRITIS

Chief of Clinic

William C. Goldring, M.D.

INDUSTRIAL MEDICINE

Chief of Clinic

Leonard J. Goldwater, M.D.

METABOLISM

Chief of Clinic

Elaine P. Ralli, M.D.

Attending Physicians

Lilian C. Warnshuis, M.D. Alice Waterhouse, M. D.
 Frederick Williams, M.D.

Assistant Attending Physicians

Marshall S. Brown, Jr., M.D. William Prout, M.D.

Clinical Assistant Attending Physician

Harold Brandaleone, M.D.

PHYSIO-THERAPY

Physio-Therapist

Aubrey Summers

DEPARTMENT OF SURGERY

Head of Department

Arthur M. Wright, M.D.

GENERAL SURGERY

Chief of Clinic

Meyer J. Kutisker, M.D.

Attending Surgeons

Anthony S. Bogatko, M.D. John Mulholland, M.D.
 Victor Carabba, M.D. Joseph Nash, M.D.
 Thomas Galvin, M.D. Harry A. D. O'Connor, M.D.
 Francis Harrison, M.D. Samuel Standard, M.D.
 Alfred A. Johnson, Jr., M.D. Hippolyte Wertheim, M.D.

Assistant Attending Surgeons

A. Anesh, M.D. Murray Israel, M.D.
 Francis Huber, M.D. Samuel Mufson, M.D.

RECTAL SURGERY

Chief of Clinic

Elmer I. Huppert, M.D.

Attending Surgeon

Marcus L. Goodman, M.D.

Assistant Attending Surgeons

Bertram Krugman, M.D. Samuel H. Nerenstone, M.D.

DEPARTMENT OF DERMATOLOGY AND SYPHILOLOGY

Head of Department

Howard Fox, M.D.

Chief of Clinic

Edward R. Maloney, M.D.

Assistant Chief of Clinic

George A. Cherry, M.D.

Attending Dermatologists and Syphilologists

Isador Apfelberg, M.D. Samuel Irgang, M.D.
 David Bloom, M.D. H. V. Mendelsohn, M.D.
 William Cameron, M.D. Boris Ouspensky, M.D.
 Giuseppe Circincione, M.D. Harry C. Saunders, M.D.
 Frank C. Combes, M.D. Leo Spiegel, M.D.
 Herman Freidel, M.D. Josiah P. Thornley, M.D.
 Louis Tulipan, M.D.

Assistant Attending Dermatologists and Syphilologists

William Director, M.D. C. S. Miller, M.D.
 Irving Greenwald, M.D. Emanuel Muskatblit, M.D.
 Herbert Gutstein, M.D. Lawrence Waterhouse, M.D.
 Charles J. Mark, M.D. Martin L. Weitz, M.D.

DEPARTMENT OF GYNECOLOGY

Head of Department

Frederick C. Holden, M.D.

Chief of Clinic

Endre Brunner, M.D.

Assistant Chief of Clinic

Francis McCauley, M.D.

Attending Gynecologists

Henry B. Kirkland, M.D. J. G. McGrath, M.D.

Assistant Attending Gynecologist

Richard Duisberg, M.D.

DEPARTMENT OF NEUROLOGY

Head of Department

Emanuel D. Friedman, M.D.

Chief of Clinic

Harold R. Merwarth, M.D.

Attending Neurologist

Aaron Bell, M.D.

Assistant Attending Neurologists

Harold H. Dodds, M.D.

Eugene C. Milch, M.D.

Joseph Lander, M.D.

Mary O'Sullivan, M.D.

DEPARTMENT OF OPHTHALMOLOGY

Head of Department

Webb W. Weeks, M.D.

Chief of Clinic

Edward B. Gresser, M.D.

Attending Ophthalmologists

Sigmund Agatston, M.D.

Arthur A. Gallo, M.D.

Mark H. Barnes, M.D.

Wendel Hughes, M.D.

David C. Braun, M.D.

Raymond Meek, M.D.

William B. Doherty, M.D.

Francesco Pagano, M.D.

Ervin A. Tusak, M.D.

DEPARTMENT OF ORTHOPEDIC SURGERY

Head of Department

Arthur Krida, M.D.

Chief of Clinic

Paul C. Colonna, M.D.

Attending Surgeons

Philip Palew, M.D.

John C. McCauley, M.D.

DEPARTMENT OF OTO-RHINO-LARYNGOLOGY

Head of Department

John Winston Fowlkes, M.D.

Chief of Clinic

Eugene H. Moyle, M.D.

Assistant Chief of Clinic

William M. Dick, M.D.

Attending Oto-Rhino-Laryngologists

Saul Apfel, M.D.

Robert Gewanter, M.D.

Arthur J. Huey, M.D.

Alfred Kornblut, M.D.

John MacIsaac, M.D.

Harold Liggett, M.D.

Peter Yudkowsky, M.D.

Assistant Attending Oto-Rhino-Laryngologist

Nelson W. Sisson, M.D.

DEPARTMENT OF PEDIATRICS

Head of Department

Charles Hendee Smith, M.D.

Attending Physicians

Ruth Bakwin, M.D.

Donald B. Low, M.D.

Louis Berlinrood, M.D.

Harold Jacobziner, M.D.

Irving Claman, M.D.

C. E. McLain, M.D.

George B. Dorff, M.D.

Richard Schorr, M.D.

Joseph Goldstein, M.D.

L. Shaffer, M.D.

Jacques M. Lewis, M.D.

Stanley Wershof, M.D.

Assistant Attending Physicians

Elizabeth T. Andrews, M.D.

Jean Pattison, M.D.

Myeron Coe, M.D.

M. C. Ripps, M.D.

Blandina Worcester, M.D.

DEPARTMENT OF RADIOLOGY

Head of Department

I. Seth Hirsch, M.D.

Attending Radiologists

Charles Gottlieb, M.D.

Jesse Server, M.D.

Frank Huber, M.D.

DEPARTMENT OF UROLOGY

Head of Department

Alfred T. Osgood, M.D.

Chief of Clinic

Clyde W. Collings, M.D.

Assistant Chiefs of Clinic

Herman Horn, M.D.

S. Sym Newman, M.D.

Assistant Attending Surgeons

John Burrus, M.D.

Robert S. Hotchkiss, M.D.

James Gordon, M.D.

D. B. Kirschenbaum, M.D.

Jacob Lanes, M.D.

DEPARTMENT OF DENTISTRY

Head of Department

Allen T. Newman, D.D.S.

Chief of Clinic

Leo Winter, D.D.S.

Attending Dentists

Philip Lautman, D.D.S.

Jerome J. Miller, D.D.S.

Henry Marshall, D.D.S.

Francis X. Murphy, D.D.S.

Julius A. Tiber, D.D.S.

SOCIAL SERVICE

Ruth Brooks, R.N.

Social Worker in Children's Clinic

Elizabeth Davis

Volunteer Worker in Children's Clinic

Janet Lane, A.B.

Volunteer Worker in Endocrine Clinic

PHARMACY

Pharmacist

Floyd C. Raymond, Ph.G.

Assistant Pharmacist

Alfred Mueller, Ph.G.

UNIVERSITY AND BELLEVUE HOSPITAL
MEDICAL COLLEGE

HISTORICAL SKETCH

The University and Bellevue Hospital Medical College was established by the union of the University Medical College and Bellevue Hospital Medical College.

The creation of a medical college had always been part of the plans of the University founders as shown by the fact that as early as 1837, only six years after the granting of the first charter, the minutes of the meetings of the University Council contained the names of men suggested as professors for the chief branches of medical instruction. It was not until 1841, however, that the University Medical College was organized and instruction begun under the following faculty: Valentine Mott, M.D., professor of surgery; Granville Sharp Pattison, M.D., professor of anatomy; John W. Draper, M.D., professor of chemistry; John Revere, M.D., professor of theory and practice of medicine; Martin Paine, M.D., professor of institutes of medicine and materia medica; Gunning S. Bedford, M.D., professor of obstetrics and diseases of women and children.

Bellevue Hospital Medical College was founded in 1861 when a college building was erected upon the hospital grounds, although clinical instruction had been given in Bellevue Hospital since 1847 by individual members of the medical board. The first faculty consisted of: Stephen Smith, M.D., principles and practice of surgery; Frank Hastings Hamilton, M.D., surgery of bones and accidents; James R. Wood, M.D., operative surgery and surgical pathology; Alexander B. Mott, M.D., surgical anatomy; Lewis A. Sayre, M.D., orthopedic surgery; Isaac E. Taylor, M.D., Fordyce Barker, M.D., George T. Elliot, Jr., obstetrics; Benjamin W. McCready, M.D., materia medica and therapeutics; John William S. Gouley, M.D., anatomy; Austin Flint, M.D., principles and practice of medicine; Austin Flint, Jr., physiology; R. Ogden Doremus, M.D., chemistry and toxicology.

With the passing of years and the growth of the university ideal in medical education, it became clear that both schools would be benefited by a consolidation under university control. As a result, the University and Bellevue Hospital Medical College was established in its present form and became an integral part of New York University in 1898.

COLLEGE BUILDINGS

The property owned by New York University for the Medical College has been acquired gradually over a period of about fifty years and now occupies three blocks fronting on the west side of First Avenue from

25th to 28th Street and one block on the east side of First Avenue from 25th to 26th Street, as far east as the Nurses Home of Bellevue Hospital.

The 28th Street building extending from 27th to 28th Street was secured from Cornell University in 1932 and is the latest acquisition to this property. This building houses the offices of administration, the departments of anatomy, chemistry, forensic medicine, pathology, and radiology, the section of clinical pathology, the chemical laboratories of the department of medicine, the college clinic, the Edward N. Gibbs Memorial X-Ray Laboratory, and the Egbert Le Fevre Memorial Library.

The several buildings located between 25th and 26th Streets on First Avenue are occupied by the departments of bacteriology, physiology, pharmacology, preventive medicine, dental anatomy, the department of student health, and the Heye Recovery Ward. The 26th Street building, likewise, houses the student lounges and reading room, and the main locker room.

The Carnegie Laboratory adjoining the 26th Street building faces on East 26th Street and contains a large auditorium, a portion of the department of dental anatomy, and a dormitory for the use of students while on duty on the obstetrical service at Bellevue Hospital.

The Loomis Laboratory is located at 414 East 26th Street. At the present time it is occupied by certain of the laboratories of the clinical departments. Next door is the old University Medical College building now used as an annex to the Loomis Laboratory.

HOW TO REACH THE MEDICAL COLLEGE

The Medical College may be reached in several ways:

Second or Third Avenue elevated, Twenty-Third and Twenty-Eighth Street stations, east to First Avenue.

Second Avenue bus or Third Avenue trolley, east to First Avenue.

Lexington Avenue and Broadway (Brooklyn-Manhattan Transit) subways, Twenty-Third Street station, crosstown trolley to First Avenue, North to Twenty-Sixth or Twenty-Eighth streets; or Twenty-Eighth Street station, east to First Avenue.

LIBRARIES

The Egbert Le Fevre Memorial Library was established in 1914 in memory of Dr. Egbert Le Fevre, a former dean of the Medical College. It is a general medical library comprising monographs, reference books, files of journals and current periodicals, including the principal foreign publications. Special libraries in the departments of anatomy, chemistry, pharmacology, and physiology are also included in the main collection making a total of about sixteen thousand volumes.

The library has been most fortunate in recent years in being the recipient of gifts from the libraries of some notable physicians: Egbert Le Fevre, Hermann M. Biggs, Joseph D. Bryant, Edward K. Dunham, John A. Fordyce, Alexander Liautard, Carlos F. MacDonald, Charles McBurney, Lewis A. Sayre, Reginald H. Sayre, A. Alexander Smith, and, in addition, donations from the faculty.

The library is located in the 28th Street building and includes, in addition to the stack rooms and the office of the librarian, a student conference room, and faculty and student reading rooms. Besides the Egbert Le Fevre Memorial Library, which is intended chiefly for reference and investigation, there is a student reading room in the 26th Street building where current textbooks are available.

Students also enjoy certain privileges at the other libraries of the University, containing a total of about five hundred thousand volumes, as well as at the library of the New York Academy of Medicine and at the various public libraries of the City.

Instruction in the use of the main bibliographical aids is given by the librarian, Miss Helen R. Bayne, to each entering class.

The library is open from 9.00 a.m. to 10.00 p.m. daily except Saturday, when it is open from 9.00 a.m. to 6.00 p.m.

CLINICAL FACILITIES

NEW YORK UNIVERSITY MEDICAL COLLEGE CLINIC

The college clinic occupies the basement and first two floors at the south end of the 28th Street building with its entrance at 463 First Avenue.

During the past year 52,511 patients were treated in the clinic, an average of 182 daily. Besides the general medical and surgical clinics, there are those for the various specialties and the organization as a whole is coördinated with the laboratories of clinical pathology and other departments. Important adjuncts of the clinic are the college clinic operating room, the Heye Recovery Ward, and the Edward N. Gibbs Memorial X-Ray Laboratory. The social-service department functions in the follow-up of patients and in rendering aid when it is needed.

Third-year students, in small sections, receive practical instruction in the clinic daily and fourth-year students have access to most of the subdivisions of the clinic through the elective courses.

BELLEVUE HOSPITAL

This hospital, located directly opposite the Medical College buildings, is the largest of the twenty-six municipal hospitals of New York City. It presents accommodations for over 2,000 patients treating especially

those with acute diseases. During the past year 66,342 persons were cared for in its wards.

The hospital is organized in four divisions; of these the third is known as the New York University division and all appointments to its staff are made upon recommendation of the faculty. The services directly comprising the Third Division include 120 medical beds, 80 surgical beds, the children's medical service of 140 beds, 150 beds of the obstetrical and gynecological service, the oto-rhino-laryngological and ophthalmological services of 75 and 45 beds, respectively, and the dermatological service. The psychiatric service is located in the new 600-bed Bellevue Psychiatric Hospital, the director of which is professor of psychiatry in the Medical College; and the medical and surgical care of patients on this service is the responsibility of the Third Division. Unusual opportunities for instruction in psychiatry are afforded. In addition the special services of other divisions, including the neurological, tuberculosis, orthopedic, and urological services, are open to the students of University and Bellevue Hospital Medical College and are used throughout the year for instruction in these subjects. The professor of pathology is director of the pathological laboratories of Bellevue Hospital, and the professor of forensic medicine is Chief Medical Examiner of New York City, with laboratories in the pathological building at Bellevue Hospital. Both these laboratories supply a wealth of fresh material for instruction in gross and microscopic pathology, toxicology, and forensic medicine.

In the out-patient department of Bellevue Hospital 87,451 new patients were treated during the past year. The various clinics of this department are utilized throughout the year for instruction to fourth-year students in small groups.

The foregoing statement suffices to show the extensive clinical facilities provided by Bellevue Hospital. These can, perhaps, be best summarized by the comment that in only one branch of medicine, namely, the contagious diseases of childhood, is it necessary for the students to look outside Bellevue Hospital.

The fact that all members of the visiting staff of the Third Division of Bellevue Hospital are on the teaching staff of the Medical College is of the utmost importance in the organization of instruction and in the coordination of the laboratories and facilities of the college with the care of the sick and the investigation of disease in the hospital.

The members of the faculty of the Medical College listed on the following pages hold positions as indicated on the staff of Bellevue Hospital.

THIRD (NEW YORK UNIVERSITY) MEDICAL DIVISION

Director

John Wyckoff, M.D.

*Medical Service**Consulting Physician*

Robert J. Carlisle, M.D.

Visiting Physicians

John Wyckoff, M.D. (In charge)	Luther B. Mackenzie, M.D.
Joseph E. Connery, M.D.	Mills Sturtevant, M.D.

Associate Visiting Physicians

Arthur DeGraff, M.D.	Evan McLave, M.D.
Clarence de La Chapelle, M.D.	Elaine P. Ralli, M.D.
William Goldring, M.D.	Milton B. Rosenblüth, M.D.

Assistant Visiting Physicians

Morris Block, M.D.	John E. Sawhill, M.D.
Aaron Brown, M.D.	Israel Steinberg, M.D.
Morris Goodman, M.D.	Robert P. Wallace, M.D.
Currier McEwen, M.D.	Lilian Warnshuis, M.D.

Clinical Assistant Visiting Physicians

Kalman Apfel, M.D.	Monroe Greenblatt, M.D.
Harold Brandaleone, M.D.	J. Ernest Nadler, M.D.
Marshall S. Brown, Jr., M.D.	Louis Razinsky, M.D.
Herbert Chasis, M.D.	Margery Shearer, M.D.
Sidney Cohen, M.D.	Philip Strax, M.D.
Max Cowett, M.D.	Alice Waterhouse, M.D.
David Givner, M.D.	Clifford G. Weston, M.D.
Leonard J. Goldwater, M.D.	J. Allen Yager, M.D.

*Children's Medical Service**Visiting Physicians*

Charles H. Smith, M.D. (In charge)	Gaylord W. Graves, M.D.
Hugh Chaplin, M.D.	Giuseppe Previtali, M.D.
Edward S. Rimer, M.D.	

Associate Visiting Physicians

Harry Bakwin, M.D.	Edith M. Lincoln, M.D.
Samuel D. Bell, M.D.	Frank McLean, M.D.
Josephine H. Kenyon, M.D.	Bret Ratner, M.D.
Lucy P. Sutton, M.D.	

Assistant Visiting Physicians

Ruth Bakwin, M.D. John W. Hammond, M.D.
 Irving Claman, M.D. Jacques M. Lewis, M.D.
 Joseph Goldstein, M.D. Jean Pattison, M.D.
 Stanley Wershof, M.D.

Clinical Assistant Visiting Physicians

Elizabeth T. Andrews, M.D. Lillian Milgram, M.D.
 Louis Berlinrood, M.D. Antoinette Raia, M.D.
 Katherine Dodge, M.D. Richard Schorr, M.D.
 George B. Dorff, M.D. Gertrude M. Shults, M.D.
 Herbert L. Elias, M.D. Reuben Turner, M.D.
 Harold Jacobziner, M.D. Blandina Worcester, M.D.

*Dermatological Service**Visiting Dermatologists and Syphilologists*

Howard Fox, M.D. Mihran B. Parounagian, M.D.

Associate Visiting Dermatologist and Syphilologist

Edward R. Maloney, M.D.

Assistant Visiting Dermatologists and Syphilologists

George A. Cherry, M.D. Harry Saunders, M.D.
 Louis Tulipan, M.D.

Clinical Assistant Visiting Dermatologists and Syphilologists

Isador Apfelberg, M.D. William Director, M.D.
 David Bloom, M.D. Timothy J. Riordan, M.D.
 Maurice J. Costello, M.D. Herman Sharlit, M.D.

THIRD (NEW YORK UNIVERSITY) SURGICAL DIVISION

Director

Arthur M. Wright, M.D.

*Surgical Service**Consulting Surgeon*

John Douglas, M.D.

Visiting Surgeons

Arthur M. Wright, M.D. (In charge) George A. Koenig, M.D.
 W. Howard Barber, M.D. Robert P. Wadhams, M.D.

Visiting Radiation Therapist

Ira Kaplan, M.D.

Associate Visiting Surgeons

Edward M. Livingston, M.D. John Nelson, M.D.

Assistant Visiting Surgeons

Anthony S. Bogatko, M.D. Meyer J. Kutisker, M.D.
 Victor Carabba, M.D. John Mulholland, M.D.
 Thomas Galvin, M.D. Harry A. D. O'Connor, M.D.
 Francis Harrison, M.D. Samuel Standard, M.D.
 Hippolyte Wertheim, M.D.

Clinical Assistant Visiting Surgeons

Francis Huber, M.D. Samuel Mufson, M.D.
 Alfred A. Johnson, Jr., M.D. Joseph Nash, M.D.

*Obstetrical and Gynecological Service**Visiting Obstetricians and Gynecologists*

Frederick C. Holden, M.D. (In charge) William E. Studdiford, M.D.

Associate Visiting Obstetricians and Gynecologists

David N. Barrows, M.D. Edwin W. Holladay, M.D.
 Frederick C. Freed, M.D. Thomas E. Lavell, M.D.
 Onslow A. Gordon, M.D. Arthur M. Reich, M.D.
 Francis W. Sovak, M.D.

Assistant Visiting Obstetricians and Gynecologists

George L. Bowen, M.D. W. Spencer Gurnee, M.D.
 Henry T. Burns, M.D. Claude E. Heaton, M.D.
 William Filler, M.D. Sophia J. Kleegman, M.D.
 Myron E. Goldblatt, M.D. Herman H. Lardaro, M.D.
 Irwin Wellen, M.D.

Clinical Assistant Visiting Obstetricians and Gynecologists

Louis A. Bunim, M.D. Mortimer D. Speiser, M.D.
 J. Randolph Gepfert, M.D. Raymond R. Squier, M.D.
 Ernst Kulka, M.D. Irving Strumpf, M.D.
 Georgia Reid, M.D. Stanley F. Ungar, M.D.

*Ophthalmological Service**Visiting Surgeon*

Webb W. Weeks, M.D. (In charge)

Associate Visiting Surgeons

Sigmund A. Agatston, M.D. William B. Doherty, M.D.

Assistant Visiting Surgeons

Edward B. Gresser, M.D. Arno E. Town, M.D.
Ervin A. Tusak, M.D.

Clinical Assistant Visiting Surgeons

Mark H. Barnes, M.D. Bernard Fread, M.D.
David C. Braun, M.D. Arthur A. Gallo, M.D.
Francesco Pagano, M.D.

*Oto-Rhino-Laryngological Service**Visiting Surgeon*

J. Winston Fowlkes, M.D. (In charge)

Associate Visiting Surgeons

John Guttman, M.D. John Miller, M.D.
J. Swift Hanley, M.D. Edgar M. Pope, M.D.
Victor C. McCuaig, M.D. James B. Shannon, M.D.
Jay D. Whitham, M.D.

Assistant Visiting Surgeons

Gerard H. Cox, M.D. Ashby G. Martin, M.D.
Ward O. Dennison, M.D. Isadore Miller, M.D.
William N. Dick, M.D. Eugene H. Moyle, M.D.
Jackson A. Seward, M.D.

Clinical Assistant Visiting Surgeons

M. Martyn Kafka, M.D. Nelson W. Sisson, M.D.
Maxwell D. Ryan, M.D. Van Rensselaer Voislowsky, M.D.
Peter E. Yudkowsky, M.D.

FOURTH MEDICAL DIVISION

*Medical Service**Visiting Physician*

Harry A. Solomon, M.D.

Associate Visiting Physicians

Emanuel Applebaum, M.D. Arnold Koffler, M.D.

Assistant Visiting Physicians

Arthur A. Fischl, M.D. Benjamin Messinger, M.D.
Max Trubek, M.D.

FOURTH SURGICAL DIVISION

Director

Carl Burdick, M.D.

*Adult Surgical Service**Visiting Surgeons*

Carl Burdick, M.D. (In charge)
William T. Doran, M.D. Arthur S. McQuillan, M.D.

Associate Visiting Surgeons

J. William Hinton, M.D. John H. Morris, M.D.

Assistant Visiting Surgeons

Lester Breidenbach, M.D. Edward D. Deneen, M.D.
Kenneth M. Lewis, M.D.

Clinical Assistant Visiting Surgeon

Norman Higinbotham, M.D.

*Children's Surgical Service**Visiting Surgeon*

Fenwick Beekman, M.D.

Associate Visiting Surgeons

John Bohrer, M.D. Irwin Siris, M.D.

Assistant Visiting Surgeons

Philip Allen, M.D. Merrill D. Lipsky, M.D.
Attilio Milici, M.D. Richard O'Connell, M.D.

*Orthopedic Service**Visiting Surgeon*

Arthur Krida, M.D. (In charge)

Associate Visiting Surgeon

Paul C. Colonna, M.D.

Assistant Visiting Surgeons

John C. McCauley, M.D. Philip Palew, M.D.

OTHER SERVICES

*Neurological Service**Visiting Physician*

Emanuel D. Friedman, M.D.

Associate Visiting Physician

Samuel Brock, M.D.

Assistant Visiting Physicians

Aaron Bell, M.D.

S. Bernard Wortis, M.D.

*Pathological Service**Director of Laboratories*

Douglas Symmers, M.D.

Assistant Director of Laboratories

Armin V. St. George, M.D.

Assistant Pathologist

Irving Graef, M.D.

*Urological Service**Visiting Surgeon*

Alfred T. Osgood, M.D.

Associate Visiting Surgeon

Walter H. McNeil, Jr., M.D.

Assistant Visiting Surgeons

Meredith F. Campbell, M.D.

Clyde W. Collings, M.D.

Clinical Assistant Visiting Surgeon

S. Sym Newman, M.D.

*Bellevue Psychiatric Hospital**Director*

Menas S. Gregory, M.D.

Alienists

Benjamin Apfelberg, M.D.

Samuel Feigin, M.D.

Lauretta Bender, M.D.

Nathaniel Ross, M.D.

Paul F. Schilder, M.D.

Assistant Alienists

Walter Bromberg, M.D.

Frank J. Curran, M.D.

Psychologist

David Wechsler, Ph.D.

WILLARD PARKER HOSPITAL

This hospital is situated at the foot of East 15th Street, and is devoted to the treatment of scarlet fever, diphtheria, measles, and other contagious diseases. Practical bedside instruction in the diagnosis and treatment of these diseases is afforded to students during the fourth year. This institution contains about 424 beds and is easily accessible from the college buildings.

William H. Park, M.D., Consulting Bacteriologist

Jesse G. M. Bullowa, M.D., Visiting Physician

Howard Fox, M.D., Visiting Dermatologist

Isadore H. Goldberger, M.D., Visiting Physician

Frank C. Combes, M.D., Assistant Visiting Dermatologist

S. Bernard Wortis, M.D., Assistant Visiting Neurologist

David N. Barrows, M.D., Attending Gynecologist

HOSPITALS IN WHICH ELECTIVE COURSES ARE GIVEN

Elective courses open to fourth-year students are given at the following hospitals on the staffs of which the Medical College is represented by the faculty members listed:

Harlem Hospital (136th Street at Lenox Avenue)

Frederick C. Holden, M.D., Consulting Gynecologist

Jesse G. M. Bullowa, M.D., Visiting Physician

Henry C. Falk, M.D., Visiting Gynecologist

Lenox Hill Hospital (77th Street at Park Avenue)

Howard Fox, M.D., Consulting Dermatologist

Ira I. Kaplan, M.D., Associate Radiation Therapist

Leo Spiegel, M.D., Associate Dermatologist

Carl Eggers, M.D., Attending Surgeon

Hermann Fischer, M.D., Attending Surgeon

Otto C. Pickhardt, M.D., Attending Surgeon

DeWitt Stetten, M.D., Attending Surgeon

Roosevelt Hospital (59th Street at Ninth Avenue)

Alexander T. Martin, M.D., Associate Pediatrician

REQUIREMENTS FOR ADMISSION

The session of 1934-1935 opens on Wednesday, September 12, 1934, and continues until June 12, 1935.

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

The following classes of candidates are eligible to apply for admission to this institution:

1. Graduates of approved colleges or scientific schools, or
2. Seniors in good standing in approved colleges or scientific schools upon condition that their faculty will permit them to substitute the first year in University and Bellevue Hospital Medical College for the fourth year of their college course, and will confer upon them the bachelor's degree¹ upon the satisfactory completion of the year's work.

All candidates for admission, whether of group 1 or 2, shall have satisfactorily completed in an approved college at least the following minimum in:

Chemistry—12 semester hours,² of which at least 8 semester hours must be in general inorganic chemistry, including 4 semester hours of laboratory work. The remaining 4 semester hours shall consist of work in organic chemistry.

Physics—8 semester hours, of which at least 2 must consist of laboratory work.

Biology—8 semester hours, of which 4 must consist of laboratory work.

The requirement may be satisfied by a course of 8 semester hours in either general biology or zoölogy, or by courses of 4 semester hours each in zoölogy and botany, but not by botany alone.

English—Composition and literature, consisting of the usual introductory college course of 6 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.

The University College of Arts and Pure Science at University Heights and the Washington Square College at Washington Square, both branches of New York University, offer 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,

¹ No student under the clause is permitted to enter the second year of medical curriculum without the bachelor's degree obtained after at least three years of undergraduate college work. Clause 2 is intended to provide for those students who by specially directed or by specially proficient work accomplish the essential requirements for a bachelor of science or bachelor of arts degree during three years of college residence.

² 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.

apply to the Admissions Office, New York University, University Heights, New York, N. Y., or the Secretary, Washington Square College, New York University, Washington Square, New York, N. Y.

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 a blank which will be furnished upon request. An application fee of \$5.00 is required of all students who apply. This fee is not refundable.
2. 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.
3. 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.

Only a limited number can be accepted for the first-year class. Usually there are many more candidates applying than can be accommodated. All applicants will be summoned to appear before the committee on admissions. Where an applicant lives at too great a distance from the City to make an interview practical, the interview will be waived and the applicant judged entirely on his credentials. 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 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 filed at any time prior to March 15 of the year in which the student is applying for admission.

Notification of acceptance or of nonacceptance for enrollment as a student will be sent to all candidates not later than July 1.

ADMISSION TO ADVANCED STANDING

Applicants for advanced standing are occasionally admitted but it is understood that because of the large enrollment there are comparatively few of these students accepted. The number is of course contingent upon the places which may be available.

Applicants for advanced standing must have met in full the following requirements:

1. They must have satisfactorily completed a minimum of three years of premedical work prior to entrance in medical school and have received their bachelor's degree on a basis similar to the entrance requirements of this medical college.
2. They must have satisfactorily completed one or two full years of work in a medical college which is approved by New York University.

MATRICULATION

Students whose applications have been accepted must matriculate within ten days 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 first installment of the first term's tuition. This deposit is refundable only in the case of illness or death of the student.

Those students who have been accepted must meet all of the requirements in accordance with the rules of the State of New York.

REGISTRATION

All students must register at the office of the secretary at 477 First Avenue 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.

ADVANCEMENT IN COURSE

The advancement of a student from one year of study to the next and the recommendation of a student for graduation will be made by the examining committee of the faculty.

The examining committee will base its decisions upon the results of examinations conducted under its direction and upon the reports of those departments in which the student has received instruction in the period since he passed a previous examination.

The examining committee will conduct the following examinations:

The Preliminary Examination qualifying for admission to the second year.

This examination will be designed to provide evidence that the ability of the candidate in the subjects of gross anatomy, microscopic anatomy, chemistry, and physiology and his understanding of the essentials of the

fundamental premedical subjects are such as to qualify him for admission to the second year.

The examination will consist of not less than six hours of written examination or of its equivalent in oral or laboratory examination. A student may be exempted from the preliminary examination at the discretion of the examining committee who will base their decisions upon the reports of the departments concerned.

The Intermediate Examination qualifying for admission to the third year.

This examination will be designed to establish evidence that the candidate has such comprehensive understanding of the essentials of the preclinical sciences—atomy, bacteriology, biochemistry, pathology, pharmacology, physiology—as to qualify him for admission to instruction in clinical medicine. All students, without exception, will be required to take this examination before admission to the third year.

The examination will consist of not less than twelve hours of written examination or of its equivalent.

The Third Qualifying Examination qualifying for admission to the fourth year.

This examination will be designed to establish evidence that the candidate has adequate comprehension of the field of instruction of the third year.

The examination will consist of not less than nine hours of written examination or of its equivalent.

A student may be exempted from the third qualifying examination at the discretion of the examining committee who will base their decisions upon the reports of the departments concerned.

The Final Examination qualifying for graduation.

This examination will be designed to establish convincing evidence that a candidate has that comprehensive knowledge of the field of theoretical and practical medicine as shall, in the opinion of the faculty, qualify him for the practice of medicine and shall maintain a high standard for the University degree of doctor of medicine. All students, without exception, will be required to pass the final examination before they are recommended for graduation.

The examination will consist of not less than fifteen hours of written examination or of its equivalent.

The decisions of the examining committee will be published in the form of three lists of candidates:

- | | |
|----------------|-------------|
| 1. Approved | 3. Rejected |
| 2. Conditioned | |

An *approved candidate* will be admitted to full standing in the succeeding year of the course or, in the case of the final examination, will be recommended for graduation subject to the conditions given below.

A *conditioned candidate* will be required to submit himself for reexamination after a period to be determined by the examining committee. Such a period will not exceed one year. A candidate who fails to remove a condition on reexamination will be *rejected*. A fee of \$5.00 will be required for reexamination.

During the period of his condition, he may be admitted to such courses in the succeeding year as the committee may approve, but will not attain full standing in that year until his condition has been removed.

A *rejected candidate* will not be permitted to continue the study of medicine at the College.

REQUIREMENTS FOR GRADUATION

Students who have 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 completed four years of medical work of which the last two years must have been taken in this institution, and must have been approved in the final examination.
2. They must, as required by law, have reached the age of twenty-one years, and must file satisfactory certificates of good moral character.
3. They must have discharged all their financial obligations to the University.

Upon the successful completion of the fourth year, students will be recommended to the Council of New York University for the degree of doctor of medicine.

MEDICAL LICENSURE

New York State Board Examinations: Complete information concerning the New York State Board Examinations is contained in handbook No. 9, which can be obtained by writing to the Chief, Professional Examinations Bureau, New York State Department of Education, Albany, N. Y.

Examinations are given in anatomy, chemistry, diagnosis, hygiene, obstetrics and gynecology, pathology and bacteriology, physiology, and surgery. These examinations are held in Albany, Buffalo, New York, and Syracuse. Following is a list of scheduled dates:

1934	1935
January 29–February 1	January 28–31
June 25–28	June 24–27
September 24–27	September 16–19

National Board Examinations: The certificate of the National Board is recognized by the licensing authorities of the following forty-four States and territories: Alabama, Arizona, California, Canal Zone, Colorado, Connecticut, Delaware, Georgia, Hawaii, Idaho, Illinois, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Porto Rico, Rhode Island, South Carolina, South Dakota, Tennessee, Utah, Vermont, Virginia, Washington, West Virginia, and Wyoming. Diplomats of the National Board are also admitted to the final examinations of the Conjoint Examining Board of England, the Triple Qualification Board of Scotland, the Conjoint Board of Ireland, and to the Revalidating Examination of Spain.

Detailed information can be obtained by writing to Everett S. Elwood, executive secretary, National Board of Medical Examiners, 225 South 15th Street, Philadelphia, Pa.

FEES¹

A fee of \$5.00 for late registration is required of all first-year students who register after Wednesday, September 12, 1934; of all second- and third-year students who register after Tuesday, September 11, 1934; and of all fourth-year students who register after Monday, August 27, 1934.

First Year

University fee	\$12.00
General instruction	500.00
² Laboratory fee	28.00
³ Locker fee	2.00
Medical fee	5.00

547.00

Second Year

University fee	12.00
General instruction	500.00
² Laboratory fee	19.00
³ Locker fee	2.00
Medical fee	5.00

538.00

¹ 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 the case of illness or 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; these become their personal property. All materials and books are sold at the College Bookroom.

² The laboratory fees cover breakage in the various laboratories of instruction and are *not* refundable.

³ One dollar is refundable upon the return of the locker key at the close of the session.

Third Year

University fee	\$12.00
General instruction	500.00
¹ Laboratory fee	3.00
² Locker fee	2.00
Microscope fee	5.00
Medical fee	5.00

527.00

Fourth Year

University fee	12.00
General instruction	500.00
¹ Laboratory fee	6.00
² Locker fee	2.00
Obstetrics fee	20.00
Medical fee	5.00
Graduation fee	20.00

Due and payable on or before the first day of May, October, or February by candidates for degrees in June, October, or February, respectively.

No candidate may be recommended for a degree until the graduation fee and all other required fees have been paid. The University cannot be responsible for the inclusion in the current official graduation list of any candidate who pays fees after the stated date. Following the payment of the graduation fee, and all other required fees, the candidate will be recommended for the degree as of the date of the next regular meeting of the University Council at which the awarding of degrees is a part of the order of business.

565.00

PAYMENT OF FEES

For session 1934-1935, first-year students may select either Plan I or II for the payment of fees.

Second-, third-, and fourth-year students may select either Plan I, II, or III for the payment of fees.

I. Full-Payment Plan

Upon registration	
Tuition	\$500.00
University fee	12.00
Laboratory and locker fees, <i>see</i> page 53 or 54	
Medical fee	5.00

¹ See note 2 on page 53.² See note 3 on page 53.*II. Two-Payment Plan*

Upon registration	
Tuition, one-half year	\$250.00
University fee	12.00
Laboratory and locker fees, <i>see</i> page 53 or 54	
Medical fee	5.00
February 14, 1935	
Tuition, one-half year	250.00
Interest	5.09

III. Four-Payment Plan

Upon registration	
Tuition, one-quarter year	125.00
University fee	12.00
Laboratory and locker fees, <i>see</i> page 53 or 54	
Medical fee	5.00
December 3, 1934	
Tuition, one-quarter year	125.00
Interest	3.82
February 14, 1935	
Interest	2.55
May 1, 1935	
Tuition, one-quarter year	125.00
Interest	1.27

Checks should be made payable to New York University for the exact amount of tuition.

The laboratory fees must always be paid with the tuition at the beginning of the year.

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.

ESTIMATE OF EXPENSES FOR STUDENTS TAKING A FULL COURSE
FOR ONE YEAR*Fees*

University	\$12.00
Tuition	500.00
Incidental	10.00
Laboratory (including locker)	30.00
Board	288.00
Room	256.00
Supplies (books, etc., not including microscope)	75.00
Total	\$1,171.00

REQUIRED EQUIPMENT

All students entering the University and Bellevue Hospital Medical College are required to provide themselves with microscopes for use throughout their four years of college work. Such microscopes must meet the minimum requirements set by the Microscope Committee as noted below:

Triple nose piece (quadruple nose piece recommended)
Divisible condenser of the Abbey type

Oculars—Two will be required. Suitable lenses as designated by four of the leading manufacturers are listed below:

Bausch & Lomb—10x and 7.5x
Leitz—10x and 8x
Spencer—10x and 8x
Zeiss—H10x and H7x

Objectives—Four will be required. Suitable lenses as designated by four of the leading manufacturers are listed below:

Bausch & Lomb—32mm., 16mm., 4mm., and ¹/_{1.9}mm.
Leitz—32mm., 3-10x, 6L-45x, ¹/₁₂₋₁₀₀₄
Spencer—32mm., 16mm., 4mm., and ¹/_{1.8}mm.
Zeiss—3x, 8/0.20, 40/.65, ¹/_{90/1.25}

Further equipment, such as a mechanical stage and other refinements, is not required, but will be found very useful.

Arrangements have been made with the manufacturers so that students may purchase microscopes through the College Bookroom. Students are advised to avail themselves of this service since it offers the advantages of a favorable price, and of an instrument which meets the above requirements. Information may be obtained at the College Bookroom in the 26th Street building.

Other equipment, such as instruments used in certain of the laboratory courses and those needed for the examination of patients, must also be obtained. These are announced in classes and by means of notices posted on the bulletin boards.

DEPARTMENT OF STUDENT HEALTH

Leonard J. Goldwater, M.D., Student Physician

The Medical College undertakes active supervision of the health problems of the student body. As a part of its program, every student is given an annual physical examination. The entering class is examined before

¹ Oil immersion; this lens is not needed until the second year.

admission to the school and the upper three classes during the autumn months. Health problems requiring further study are noted and followed up immediately. One to two hours daily beginning at 12.30 p.m. are reserved for seeing students who are ill or otherwise require medical attention. Provision is made for caring for emergencies occurring at other hours. All absences are investigated and, if due to illness, care is taken to see that adequate medical attention is received. Students living in the neighborhood of the college are visited in their rooms and cared for by the student physician if necessary. All findings at physical examinations are filed for use in following up each student's record throughout his course.

SCHOLARSHIPS AND LOAN FUNDS

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) is awarded each year to a graduate, or undergraduate, who has already demonstrated aptitude for physiological and chemical research.

Joseph D. Bryant Medical Scholarship: By the will of the late Joseph D. Bryant, former 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.

Student Aid Fund: The Student Aid Fund of the University and Bellevue Hospital Medical College was established during the fall of the year 1932. The purpose of this fund is to give aid to those students who are beset with financial difficulties to such an extent that they are unable to complete their medical course. In view of the fact that this fund is limited, preference is given to members of the third- and fourth-year classes. Applications for assistance through this fund may be made through the Secretary's office at 477 First Avenue.

David Marks Memorial 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.

PRIZES

Mott Prize Medals: By the will of the late Dr. Valentine Mott, a founder of the University Medical College, and for many years its

ARCHIVES

001

A

1934-

35

2d part

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 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.

Alpha Omega Alpha Prize: The Alpha Omega Alpha honorary fraternity gives three prizes annually to the three students who have stood highest in the class during their four years of medicine.

Luigi Celano Prize: A gold medal to the second-year student excelling in pathology as determined by his general work throughout the year in the department of pathology, his rating on the final examination, and his proficiency in the preparation of such papers or theses as may be assigned in the department as part of the year's regular work.

This prize was established by the Gamma Chapter of the Lambda Phi Mu medical fraternity in memory of the late Dr. Luigi Celano. Its award rests with the head of the department of pathology and the professor of gross pathology.

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.

HERTER LECTURESHIP ON PATHOLOGICAL CHEMISTRY

The late Dr. Christian A. Herter, former professor of pathological chemistry at the University and Bellevue Hospital Medical College, through the Council of New York University, provided a fund for an annual course of lectures on this subject.

For the session 1933-1934 the Herter lectures were given by Professor C. Heymans, of the University of Ghent, Belgium.

SOCIETIES

The Students' Association of the University and Bellevue Hospital Medical College: Founded in 1933. It operates under a constitution which defines the objects of the Association as the fostering of student fellowship and the encouragement of corporate student activities. The Association assumes responsibility for the care and maintenance of the student quarters and the control of their use for the best advantage of its members.

Alpha Omega Alpha Honorary Fraternity: A chapter of the Alpha Omega Alpha honorary fraternity was established at New York University in 1923. Selection of members is on the basis of scholarship. Not more than one tenth of any class is eligible for selection.

The following students were selected from the class of 1934: Arnold Bachman, Norman Q. Brill, Samuel Bukantz, Joseph Chess, Arthur M. Davidowitz, Barnett Greene, Herman I. Kantor, Charles Klein, Nathan Mintz, Alvin A. Rosenberg, Joseph Shapiro.

The following students were selected from the class of 1935: Aaron D. Chaves, Bernard Kaplan, Joseph M. Szilagyi.

New York University Medical Society: The College Medical Society was founded in 1899 with the purpose of "stimulating the growth of a greater solidarity in the corps of teachers in the college and of facilitating coöperation between the various departments." The membership includes all those associated with the college in a teaching capacity and the residents and internes of the Third Division of Bellevue Hospital.

Meetings are held on the fourth Monday evening of every month throughout the academic year, at which scientific papers are presented.

William Welch Society: Founded in 1929 by undergraduates for the "advancement of the study of medical history and culture among medical students," this society has continued to grow in usefulness. Meetings are held each month, at which papers dealing with medical history are presented by invited speakers or by the students.

GENERAL PLAN OF INSTRUCTION

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

The first three academic years are of approximately nine months each, the first and second years being divided into trimesters and the third into semesters. The work of the fourth year is continuous over twelve months, although each student has a vacation period of four weeks during the summer. This plan for the fourth year makes it possible to coördinate clinical instruction with the organization of the Third Division of Bellevue Hospital and has greatly improved both.

All work summarized in the outline on page 61 is required. As can be seen, the work of the first two years is chiefly in the preclinical subjects although a few introductory lectures and demonstrations in clinical subjects are held in the third trimester of the second year. During the third and fourth years the work is mainly clinical with an increasing proportion of the time spent in the wards, so that the entire instruction of the fourth year is given in the hospital. This is not in any way intended to replace the clinical training afforded by the later work in hospital internships, but is planned to better equip the students for such work.

As indicated in the summary of studies, a minimum of 150 hours of elective work is required in the fourth year. A greater number of elective hours may be taken in this and other years if the student has aptitude and desires to do so. Exceptional students, at the discretion of the faculty, may elect to interrupt the regular course after the first or second years in order to devote more time to certain laboratory work. By this flexibility it is hoped that the exceptional student with a bent for teaching and investigation may have an opportunity for individual development; while the chief aim of the Medical College, namely, that of graduating students with the best possible training for the practice of medicine, may be achieved.

The curriculum as published is subject, at any time, to changes adopted by the committee on curriculum.

SUMMARY OF STUDIES

COURSES	HOURS			
	1st Year	2d Year	3d Year	4th Year
Anatomy	583			
Chemistry	199			
Physiology	² 213	¹ 121		
Clinical Pathology		60		
Pharmacology		176		
Bacteriology and Immunology		171		
Pathology		298	32	
Surgery		32	160	288
Medicine, including Therapeutics		62	262	384
Pediatrics		3	107	216
Obstetrics and Gynecology			123	288
Psychiatry		10	21	36
Neurology		10	53	27
Preventive Medicine			82	32
Oto-Rhino-Laryngology			40	
Dermatology			53	
Ophthalmology			40	
Roentgenology			45	
Urology			24	24
Orthopedic Surgery				72
Forensic Medicine				6
Electives				150
Totals	995	943	1,042	² 1,523

¹ The total hours for each student in physiology are 213; the larger figure shown here is due to the fact that during 1934-1935 the schedule for physiology has been altered to bring all instruction in that subject into the first year.

² This is a twelve-month academic year.

Description of Courses

ANATOMY

Professor and Director of Anatomical Laboratories: Harold D. Senior
 Professor: Bertram G. Smith
 Associate Professor of Neuro-Anatomy: Joseph H. Globus
 Assistant Professor: Edwin M. Shearer
 Instructors: Garman H. Daron, Wendel J. S. Krieg
 Assistant: Morris J. Tobias

First Year

The course is given during the first two trimesters as follows:

Gross Anatomy—Lectures, one a week. Laboratory and recitations, seventeen hours a week during the first trimester; fifteen hours a week during the first half of the second trimester.

Neuro-Anatomy—Lectures, recitations, and laboratory, fifteen hours a week during the second half of the second trimester.

Microscopical Anatomy, including Embryology—Two lectures a week, during the first trimester. Laboratory and recitations, nine hours a week during the first trimester; eight hours a week during the second trimester.

ELECTIVE COURSES IN ANATOMY

1. *Dissection of the Extremities*—Daily from 9-11.15 a.m. and 2-5 p.m. for one month in the dissection room. Limited to two students on the upper extremity and two on the lower extremity. Professor Senior and staff. Credit, 100 hours.
2. *Dissection of Head and Neck*—Daily from 9-11.15 a.m. and 2-5 p.m. for one month in the dissection room. Limited to two students. Professor Senior and staff. Credit, 100 hours.
3. *Dissection of Abdomen and Pelvis*—Daily from 9-11.15 a.m. and 2-5 p.m. for one month in the dissection room. Not less than three students at one time. Professor Senior and staff. Credit, 100 hours.
4. *Dissection of Thorax*—Daily from 9-11.15 a.m. and 2-5 p.m. for one month in the dissection room. Limited to two students. This course is available only after the pectoral region has been finished by the dissectors of the upper extremities. Professor Senior and staff. Credit, 100 hours.
5. *Dissection of Fetus and Infant*—Daily from 9-11.15 a.m. and 2-5 p.m. for one month in the dissection room of the 26th Street building. Limited to eight students. Dissection will be correlated with discussions and demonstrations. Professor Noback. Credit, 100 hours.

No credit will be given for any of these courses unless the part is finished satisfactorily and an informal examination passed.

Opportunity is also afforded to recent graduates for advanced work in anatomy, if material is available.

BACTERIOLOGY

Director of Bacteriological Laboratories: William H. Park
 Associate Professor: Julius A. Klosterman
 Assistant Professor: Maurice Brodie
 Lecturers: Bret Ratner, Charles R. Tyler
 Instructors: Helen L. Aikman, Natale Colosi, Georgia M. Cooper, Pauline Epstein, Herman Gerber, Ruth W. Kidd, Lucy Mishulow, Carolyn Oldenbusch, Laszlo L. Reiner, Victor Ross, Eugenia L. Valentine, Harriet L. Wilcox.
 Assistants: Dorothy Behner, Anna Lewis, Morris Schaeffer

Second Year

Bacteriology—Laboratory work, three hours three times a week during the second trimester. In this course the students are taught the technic of bacteriological examinations, the methods of obtaining pure cultures, and the methods of studying species after isolation. Later they study the pathogenic bacteria, filtrable viruses, 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 bacteriology 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 the second trimester. Associate Professor Klosterman and Mr. Tyler.

Immunology—Laboratory work, two hours twice a week during the third trimester. 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 antisera, of bacterial vaccines, of the vaccines for hydrophobia and smallpox. The Schick test, the Dick test, and the use of toxoid are demonstrated by testing the students and immunizing those who do not possess an antitoxic immunity against diphtheria and scarlet fever. Associate Professor Klosterman and instructors.

CHEMISTRY

Professor: R. Keith Cannan
 Associate Professor: Isidor Greenwald
 Assistant Professor: Milton Levy
 Instructor: Albert H. Palmer
 Assistant: Hildegard N. Wilson
 Teaching Fellow: George H. Stueck, Jr.

First Year

First Trimester—Physical and organic chemistry in relation to biology and medicine.

Lectures—One a week.

Conferences—One a week.

Second and Third Trimesters—Human physiological chemistry.

Lectures—Two a week.

Conferences—Two a week.

Laboratory—Three hours a week (second trimester).

—Six hours a week (third trimester).

DERMATOLOGY AND SYPHILOLOGY

Professor: Howard Fox
 Assistant Professor: Edward R. Maloney
 Clinical Professors: Frank C. Combes, Mihran B. Parounagian, Harry C. Saunders, Louis Tulipan
 Assistant Clinical Professors: Paul E. Bechet, Emanuel Muskatblit, Samuel M. Peck, Leo Spiegel
 Lecturer: George A. Cherry
 Instructors: Isidor Apfelberg, David Bloom, William H. Cameron, William Director, Samuel Irgang, Clinton H. Martin, Timothy J. Riordan, Herman Sharlit, Josiah P. Thornley
 Assistants: Maurice J. Costello, Seymour H. Silvers

Third Year

Lectures—One a week for sixteen weeks beginning in November. The lectures are partly didactic and partly clinical in character. At the close of each lecture, the subject of the day is illustrated by lantern slides of clinical photographs, photomicrographs, radiograms, charts, etc. Patients are presented when they illustrate the subject of the lectures. The teaching of syphilis is not limited to its cutaneous aspects. The parasitology, serology, and modern treatment is fully considered and proper attention is paid to the nervous, visceral, and bone manifestations. Special consideration is given to congenital syphilis. Professor Fox.

Section Teaching—Small sections of the class receive instruction in the diagnosis and treatment of skin diseases (including syphilis). Assistant Professor Maloney, Clinical Professors Combes and Tulipan, Assistant Clinical Professor Spiegel, and Drs. Bloom, Cherry, Riordan, and Director. Each section receives two hours of weekly instruction for a period of sixteen weeks. These students are given demonstrations of the modern apparatus used in dermatology, including the Roentgen ray, radium, endothermy, electrolysis, electric cautery, carbon dioxide snow, the mercury vapor quartz lamps. Dr. Irgang.

The sections are shown the use of certain instruments including the cutaneous punch (in performing biopsies), the dermal curette, etc. The principles of medical photography, with special reference to skin diseases, are shown to those students who are interested in the subject.

Instruction in syphilis includes demonstrations of the preparation of arsphenamin and the technic of intravenous, intramuscular, and intraspinal injections. Clinical Professor Saunders. Laboratory instruction includes a demonstration of the dark field illuminator and the preparation and examination of hairs and scales for fungi. Assistant Clinical Professor Muskatblit.

ELECTIVE COURSE IN DERMATOLOGY

1. *Dermatology*—Daily from 2-4 p.m. for one month at the college clinic. Limited to six students. Students work in groups of two in various subdepartments of the skin clinic, serving part of the time as clerks. Instruction is given in the diagnosis and treatment of skin diseases and syphilis, including special therapeutic agents such as the Roentgen rays. Those who are specially interested are given opportunities to work in the laboratories or in the department of immunology. Professor Fox and staff. Credit, 50 hours.

FORENSIC MEDICINE

Professor: Charles Norris
 Professor of Toxicology: Alexander O. Gettler
 Professor of Pathology: Douglas Symmers
 Associate Professor: Harrison S. Martland
 Assistant Professor: Thomas A. Gonzales
 Assistant Professor of Gross Pathology: Armin V. St. George
 Instructor: Kurt Landé

Fourth Year

Lectures—Six are given during the second semester. These cover the salient points as to what constitutes a medico-legal case and the rela-

tionship between the physician and the office of the Chief Medical Examiner. Professor Norris and staff.

ELECTIVE COURSES IN FORENSIC MEDICINE

1. *Medico-Legal Pathology—Lectures.* Hours to be arranged. A course of thirty lectures taking up the general principles of the medico-legal autopsy: bullet wounds, strangulations and stabbings, the medico-legal autopsy with relation to industrial accidents and deaths, sudden deaths from natural causes, still-births, rape, abortion, poisoning, etc. Professor Norris and Associate Professor Martland. Credit, 30 hours.

2. *Medico-Legal Pathology—Laboratory Course.* Daily from 9–11.15 a.m. Limited to two students. Attendance and assistance at postmortem examinations on medico-legal cases. Professor Norris and staff. Credit, 50 hours.

3. *Toxicology—Lectures.* Hours to be arranged. A course of thirty lectures dealing with general toxicology, collection, preservation, and preparation of the organs for toxicological analysis, types and groups of poisons, methods of analysis, etc. Professor Gettler. Credit, 30 hours.

4. *Toxicology—Laboratory Course.* Daily from 9–11.15 a.m. Limited to two students. Laboratory exercises in toxicology covering the lectures given in elective 3. Professor Gettler. Credit, 50 hours.

MEDICINE

Professors: Robert J. Carlisle, John Wyckoff
 Professor of Clinical Pathology: Arthur R. Mandel
 Samuel A. Brown Professor of Therapeutics: Arthur C. DeGraff
 Professor of Clinical Medicine: Mills Sturtevant
 Associate Professor of Clinical Pathology: Joseph E. Connery
 Assistant Professors: Clarence E. de La Chapelle, Currier McEwen, Elaine P. Ralli
 Assistant Professor of Clinical Medicine: William Goldring, Norman Jolliffe
 Clinical Professors: Simon R. Blatteis, Jesse G. M. Bullowa, Luther B. Mackenzie, William J. Pulley, Milton B. Rosenblüth, Edmund P. Shelby, Cornelius J. Tyson
 Assistant Clinical Professors: Oswald LaRotonda, Evan W. McLave, Edward J. Riley, Harry A. Solomon, Robert P. Wallace, Lilian C. Warnshuis
 Lecturer: August A. Thomen
 Instructors: Emanuel Appelbaum, Morris Block, Aaron Brown, Max P. Cowett, Leonard J. Goldwater, Morris Goodman, Arnold Koffler,

Benjamin Messinger, Harry H. Satchwell, John E. Sawhill, Louis L. Shapiro, Margery C. Shearer, Israel Steinberg, Max Trubek, Clifford G. Weston

Instructor in Clinical Pathology: Benjamin Dubovsky

Instructor in Therapeutics: Floyd C. Raymond

Assistants: Kalman Apfel, Irving Applebaum, Wilbur A. Beckett, Harold Brandaleone, Marshall S. Brown, Jr., Joseph Bunim, Eugene Calvelli, Herbert Chasis, Sidney Cohen, Charles A. R. Connor, Irving Ehrenfeld, Samuel Feuerstein, Arthur Fischl, David Givner, Monroe H. Greenblatt, Jules Lessem, Samuel B. Levy, Bernard Manace, Harry Most, J. Ernest Nadler, William B. Prout, Louis Razinsky, Harry H. Shilkret, Arthur Stern, Philip Strax, Alice Waterhouse, Frederick Williams, J. Allen Yager, William Zitron

Assistant in Clinical Medicine: Abraham O. Tumen

Assistant in Clinical Pathology: Ethyl Greenwald Ringer

Assistant in Therapeutics: Thelma J. Ryan

The course in medicine extends over three years, the second, third, and fourth. In the second year students are taught the methods of studying the patterns of disease and the subject of physical diagnosis is introduced. In the third year, the technic of fact finding is still further elaborated, but the greatest amount of time is spent by the students in learning the classical disease pictures. During this year the student is also given opportunity to collect facts from patients, to evaluate them, and to build them into diagnoses. In the fourth year, he is given as wide an opportunity as possible, under proper supervision, to study sick men and women both in the ambulatory and ward services of the hospital.

Second Year

Clinic—Once a week during the third trimester. This is an elementary clinic at which patients are introduced who show well-defined manifestations of disease which illustrate disturbance in function in some particular organ or system. Professor Wyckoff.

Conferences—A series of ten conferences in which variations of function are discussed and patients shown in illustration. One half of the class at a time is met on the wards at Bellevue Hospital. The subjects considered are disturbances of the following functions: cardiac rate and rhythm, hemodynamics, acid-base balance, carbohydrate and fat metabolism, gastro-intestinal motility, hematopoietic system and liver function, anoxemia, diuresis. Professor Wyckoff and staff.

Physical Diagnosis—One hour a week during the first trimester and one hour a week during the second and third trimesters. The object of this course is to teach particularly the technic of physical examination

of the heart and lungs. Working upon each other during the first trimester, students learn the technic of inspection, palpation, percussion, and auscultation. They are then divided into groups of six and spend the rest of the year applying these methods to the examination of the heart, lungs, abdomen, and extremities of patients on the wards of Bellevue Hospital. Special emphasis is laid on accuracy of technic. Staff of the department of medicine.

Recitations—One a week during the third trimester. This is an introductory course to the study of general medicine. Diseases of essentially simple pathological nature only are considered and symptoms and pathological changes are correlated. Assistant Clinical Professor Riley.

Laboratory Work in Clinical Pathology—Four hours a week during the third trimester are devoted to practical instruction in the microscopical and chemical examination of blood, urine, sputum, vomitus, stomach contents, inflammatory exudates, etc., with a view to the application of the results in diagnosis. Bacteriological and serological methods are also taught when serviceable. Professor Mandel, Associate Professor Connery, and Dr. Dubovsky.

Recitations in Clinical Pathology—Two hours a week during the third trimester are devoted to recitations from a textbook on clinical diagnosis. Professor Mandel and Dr. Dubovsky.

Third Year

Class Conferences and Lectures in Medicine—Throughout the session, the total number of hours being fifty-eight. This is a course of didactic lectures and conferences descriptive of those diseases and disorders that are commonly met with and are generally prevalent. Morbid affections are studied and explained as they severally illustrate the general principles already taught in the first and second years. The methods of discriminating diseases from each other, the relation diseases bear in their pathological character and etiology to the problems of preventive medicine are pointed out, and attention is given to such historical facts as will serve to enlighten the student, arouse intelligent interest, and impress the great importance of this knowledge in preparation for the clinical work of the fourth year. Professors Wyckoff, DeGraff, Sturtevant, and Associate Professor Connery, Clinical Professors Blatteis, Bullowa, Mackenzie, Rosenblüth, and Tyson, Assistant Professors de La Chapelle, Goldring, and Ralli, and Dr. Thomen.

Section Teaching on the Wards of Bellevue Hospital—The class is divided into four sections and each section reports one day a week on the medical wards of the hospital during the second and third trimesters. These ward conferences are in direct relationship to the didactic lectures and conferences described above. Cases are presented and demonstrated.

Charts illustrating the course of disease in such cases are presented as well as pathological specimens illustrative of the disease, and special diagnostic technics are examined and coördinated with the pictures of the disease process, such as blood smears, X-ray plates, and electrocardiographic tracings. Professor Wyckoff and staff.

Section Teaching in the Medical Department of the Medical College Clinic—Students meet in small sections one afternoon a week throughout the session. They take histories, make physical examinations, and carry on such laboratory work as is necessary to complete a diagnosis for new patients admitted to the clinic. This work is very carefully supervised, and the observations made and the deductions from such observations are carefully criticized. It is constantly impressed upon the students that they must be methodical and accurate. The work in this clinic is never hurried. A conference is held for the entire class, once a week, at which certain interesting cases studied are presented and discussed by the students and staff. Assistant Clinical Professor McLave, Drs. Block and M. S. Brown.

Laboratory Work in Clinical Pathology—Laboratory work by the students in the medical clinics is necessary for the diagnosis of the patients studied by them in the College Clinic. This is done in the clinical pathology laboratory and is supervised by Professor Mandel, Associate Professor Connery, and staff.

Lectures and Conferences in Therapeutics—One a week throughout the session. General principles of therapeutics. Professor DeGraff and special lecturers.

Prescription writing and compounding. Mr. Raymond.

Clinical Conferences in Therapeutics—The class is divided into small sections and each section receives four clinical conferences on the medical wards of Bellevue Hospital where various therapeutic procedures are demonstrated. Professor DeGraff and Miss Ryan.

Fourth Year

It is believed that in the preceding two years the student has had sufficient introduction to the technic of diagnosis and treatment of disease to become an integral part, in a minor rôle, of an organization built up for the diagnosis and treatment of patients. In this way he is given further experience in fact finding and evaluating and in the development of disease pictures. The standpoint is not that of the affection but of the person affected; how age, sex, environment, occupation, and other underlying conditions modify and influence diagnosis, the management and the progress of the illness.

General Clinics—One a week throughout the session. Patients from the wards are presented to the class by the students to whom they were

assigned and are discussed by the director of the clinic. Professors Carlisle, Wyckoff, and DeGraff.

Clinical Clerkships—The curriculum is so arranged that every student is a clinical clerk for a period of twelve weeks on the wards and in the out-patient department of the Third Medical Division, Bellevue Hospital. They are assigned to duty all of every day except from 11.30 a.m. to 1 p.m., when they are excused for didactic teaching. They are on duty two evenings a week and every third Sunday.

As patients are admitted they are assigned by the resident physician to the students who are individually required to take histories, make physical examinations, and do the laboratory work on the patients so assigned. This work is checked and supervised by the instructors and special cases are discussed with the older members of the staff. The students make observations upon the results of various forms of treatment instituted, keeping graphic charts as far as possible of these results. Two conferences are held each week. One of these is a clinical pathological conference at which all cases that have gone to autopsy during the week before are reviewed and the gross organs and microscopical sections examined and discussed. At the other conference, cases are presented, assigned literature bearing on these cases reported. Following this there is a general discussion of the cases and the literature.

The assigned laboratory work is under the supervision of the associate professor of clinical pathology and his assistants. The clinical clerks receive advice and have conferences with him on this work.

Each section of students receives two conferences on general therapeutic principles illustrated by actual cases observed while the students are acting as clinical clerks. Professors Wyckoff, Sturtevant, and DeGraff, Associate Professor Connery, and staff.

The final examination of the fourth year will be a comprehensive examination covering all aspects of medicine.

ELECTIVE COURSES IN MEDICINE

1. *Diseases of the Gastro-Intestinal System*—Daily from 9-11.15 a.m. and 2-5 p.m. for one month on the wards of the Third Medical Division and out-patient department of Bellevue Hospital and the college clinic. Limited to two students who must also elect the gastro-intestinal clinic. This course consists of the diagnostic study of patients with gastro-intestinal diseases. The principles of fluoroscopic examination are demonstrated, and fluoroscopy of ward cases, dispensary and college clinic cases are observed and participated in by the elector. Proctoscopic examination is demonstrated on all ward cases and selected cases in the out-patient department at Bellevue Hospital. Intubation of the stomach is taught and practised on special cases. After cases have been properly

studied conferences are held. Collateral reading on subjects suggested by cases observed is prescribed, and digests of such reading required. Students are permitted to make independent observations and those who show unusual aptitude may be allowed to assist in clinical research if they have further time available. Professor Sturtevant and staff. Credit, 100 hours.

2. *Pneumonia*—Full time. Daily (including Sundays and holidays) for one month at Harlem Hospital. Limited to three students. Acute respiratory infections are studied clinically and bacteriologically. The diagnosis, course, treatment, and pathology of pneumonia is demonstrated. The students take part in the actual management of cases to which they are assigned and learn the evaluation of data by careful record of observations and their analysis. The importance of controls is stressed. Blood cultures, serum administration, and other diagnostic and therapeutic procedures are undertaken by the students. In the laboratory actual typing of sputa, blood cultures, and agglutination reactions are performed. The methods and indications for oxygen and other drug therapy are shown and the principles of atmosphere control in tents and chambers and its indications are elaborated. The equipment is unusually complete and a very large number of adults and children are admitted to the service. Clinical Professor Bullowa and staff. Credit, 100 hours.

3. *Medicine*—Daily from 9-11.15 a.m. and 2-5 p.m. for one month on the medical wards of Bellevue Psychiatric Hospital. Limited to two students. Students who elect this course act as clinical clerks and receive instruction on selected patients, more particularly, but not limited, to those having metabolic disturbances and deficiency diseases. They assist in special studies on the correlation of the clinical course of the medical and psychiatric phase of the disease. Weekly conferences are held to discuss the recent literature relating to the various problems under investigation. Assistant Professor Jolliffe. Credit, 100 hours.

4. *Chronic Pulmonary Diseases*—Daily from 9-11.15 a.m. and 2-5 p.m. for one month on the Third Medical Division wards of the Service for Chronic Pulmonary Diseases (formerly the Tuberculosis Service) at Bellevue Hospital. Limited to five students. This is chiefly a course in the differential diagnosis and treatment of chest conditions. This is taught by having the students assist in the rounds and staff conferences. Dr. Steinberg. Credit, 100 hours.

5. *Infectious Diseases*—Hours to be arranged. Only students with special aptitude will be accepted. The course will consist of correlated clinical and bacteriological studies on infectious diseases. Students taking this elective will assist in research problems which are in progress. Assistant Professor McEwen. Credit, 100 hours.

6. *Hypertension and Nephritis*—Daily from 9-11.15 a.m. and 2-5 p.m. for one month on the wards of the Third Medical Division of Bellevue Hospital and at the College Clinic. Limited to two students. Routine observations and follow-up studies on ward patients with renal disease, hypertension, and edema. The application of renal function tests, the principles involved and their interpretation. Observations on the clinical course of various forms of hypertension and their treatment. A method for quantitatively studying the urine sediment and its clinical application. Opportunity is given to correlate pathological findings with clinical observations in cases which are autopsied during this period. Assistant Professor Goldring. Credit, 100 hours.

7. *Clinical Diseases of Metabolism*—Daily from 9-11.15 a.m. and 2-5 p.m. for two months on the wards of the Third Medical Division and outpatient department of Bellevue Hospital and the college clinic. Limited to from two to four students. This course consists of the study of diabetes mellitus and the various types of thyroid diseases. The student is first taught the laboratory methods requisite for the study of these diseases. Particular emphasis is laid on the quantitative determination of sugar in the blood and urine and clinical determination of the basal metabolic rate. On diabetic patients the following are emphasized: the calculation of the diet, the dietary adjustment of the hospitalized patient, the treatment of the ambulatory diabetic, and the use and administration of insulin in these patients. The student is assigned cases on the wards and in the clinic and follows the course of the diseases in his cases. The thyroid patient is studied on the special thyroid wards and the progress of the patient before and after operation is observed by the student. The nontoxic thyroid is studied in the clinics and the method of treatment followed. Weekly conferences are held to discuss the recent literature relating to the disease. Assistant Professor Ralli. Credit, 100 hours.

8. *Clinical Diseases of the Heart*—Daily from 9-11.15 a.m. and 2-5 p.m. for one month on the wards of the Third Medical Division, Bellevue Hospital. Limited to two students. A group of cardiac patients is assigned to each student who follows them from admission to discharge. Special instruction is given in cardiac fluoroscopy and electrocardiography. One conference a week is held on special cardiac problems. Adequate supervision and instruction is assured by daily rounds on every cardiac case by members of the staff. Professor DeGraff and Dr. Goodman. Credit, 100 hours.

9. *Cardiovascular Disease*—Daily from 9.30-12.00 a.m. for one month on the medical wards of Harlem Hospital, holidays excluded. Attendance required at adult cardiac clinic Wednesday evenings, 8-10 p.m. Limited to two students. Acute and chronic cardiovascular diseases,

their diagnosis, course, and treatment. Pathology will be assigned to students. The opportunity will also be afforded to see all interesting cases on the wards. An unusually large number of luetic and degenerative lesions are seen. Assistant Clinical Professor LaRotonda. Credit, 50 hours.

10. *Electrocardiography*—Daily from 9-11.15 a.m. and 2-5 p.m. for one month in the laboratory of the section of therapeutics, 414 East 26th Street. Limited to two students. Instruction, correlated with reading assignments, is given in the anatomy and physiology of the heart, the physics of the electrocardiograph, and the interpretation of electrocardiographic tracings. The use of the machine is demonstrated. Opportunity is offered for the reading of a large number of abnormal as well as normal electrocardiograms. Reading lists are available both for special articles and for general subjects related to electrocardiography. Students participate in seminars held by the department. Professor DeGraff and Drs. Beckett and Shearer. Credit, 100 hours.

11. *Research Cardiac Physiology*—Hours to be arranged. Only students with special aptitude will be accepted. Students electing this course will assist in research problems which are in progress. Exceptional students may be permitted to work on a problem independently under supervision. Various types of investigation on hemodynamics, electrocardiography, etc., are undertaken. Professor DeGraff. Credit, 100 hours.

12. *Correlated Medicine and Pathology*—Daily from 9-11.15 a.m. and 2-5 p.m. for one month in the pathological laboratories at Bellevue Hospital. Only those students with special aptitude who are willing to apply spare time throughout the year as well as elective time will be accepted. The course consists of instruction in gross and microscopic pathological methods and assisting in special studies of the correlation between the clinical course of disease and structural changes. The pathologic material is obtained from necropsies of patients who have been studied clinically on the Third Medical Division. Assistant Professors de la Chapelle and Graef. Credit, 100 hours.

13. *Advanced Hematological Technic*—Daily from 9-11.15 a.m. for one month in the hematology laboratory, Ward B5, Bellevue Hospital. Limited to two students. This course consists of training in the following technics: hemoglobin determinations, advanced blood morphology, coagulation and bleeding time determinations, measurement of the diameter of red cells, platelet counting, capillary fragility, determination of the fragility of red cells using whole blood and washed red cells. Articles are assigned from the literature and frequent conferences are held. Associate Professor Connery and staff. Credit, 50 hours.

14. *Diseases of the Blood and Blood-Forming Organs*—Daily from 2-5 p.m. for one month on the wards of the Third Medical Division, Bellevue Hospital. Limited to two students. Prerequisite for this elective is elective 13. However, students will be permitted to take electives 13 and 14 simultaneously. There are available on this service and in the return clinic a large number of patients having various diseases of the blood-forming organs. In this course these patients are studied from the standpoint of diagnosis and controlled treatment. Students are expected to do certain assigned reading, and frequent conferences are held at which the course of the disease as seen in the patients and the literature are discussed. Associate Professor Connery and staff. Credit, 50 hours.

15. *Advanced Physical Diagnosis*—Daily from 9-11.15 a.m. for one month. Bedside instruction is conducted on the wards of the Fourth Medical Division, Bellevue Hospital. Limited to six students. Each day selected cases showing all stages and variations of physical signs are examined and the fine details of physical diagnosis interpreted and correlated. Supplementary study of cases by fluoroscope, electrocardiograph, etc., is available. Wherever possible the case is followed to the autopsy room and a weekly pathological conference is held. Assistant Clinical Professor Solomon and staff. Credit, 50 hours.

16. *Principles of Therapeutics*—Daily from 9-11.15 a.m. and 2-5 p.m. for one month on the wards of the Third Medical Division of Bellevue Hospital. Limited to four students. Actual experience is given in therapeutic research under supervision. The type of work is usually on some phase of drug therapy. Frequent seminars are held. Professor DeGraff. Credit, 100 hours.

ELECTIVES IN SPECIAL CLINICS

These clinics run throughout the entire year at the hours indicated below. Fourth-year students may elect not more than two of these, subject to the approval of the physicians in charge, during their time assigned to medicine and electives. In the case of the evening cardiac clinic, students are required to attend throughout the year.

Allergy Clinic—Tuesdays from 3-5 p.m. at the Bellevue Hospital out-patient department. Limited to two students. Dr. A. Brown.

Wednesdays from 2-4 p.m. at the college clinic. Limited to two students. Dr. Thomen. Credit, 40 hours.

Arthritis Clinic—Tuesdays from 10-12 a.m. at the college clinic. Limited to two students.

Thursdays from 9.30-11.30 a.m. at the Bellevue Hospital out-patient department. Limited to two students. Assistant Professor McEwen. Credit, 40 hours.

Cardiac Clinic—Thursdays from 7-9.30 p.m. at Bellevue Hospital out-patient department. Limited to thirty students. Professor Wyckoff. Credit, 100 hours.

Thursdays from 3-5 p.m. at Bellevue Hospital out-patient department. Limited to eight students. Dr. Goodman. Credit, 40 hours.

Diabetic Clinic—Mondays from 12.15-2 p.m. at the college clinic. Limited to six students.

Thursdays from 3-5 p.m. at Bellevue Hospital out-patient department. Limited to nine students. Assistant Professor Ralli. Credit, 40 hours.

Gastro-Intestinal Clinic—Tuesdays from 1-3 p.m. at Bellevue Hospital out-patient department. Limited to six students.

Wednesdays from 10-12 a.m. at the college clinic. Limited to six students. Professor Sturtevant. Credit, 40 hours.

Hypertension Clinic—Thursdays from 1-2.30 p.m. at the college clinic. Limited to six students. Assistant Professor Goldring. Credit, 40 hours.

Thyroid Clinic—Tuesdays from 10.30-2 p.m. at Bellevue Hospital out-patient department. Limited to four students. Assistant Professor Ralli. Credit, 40 hours.

Tuesdays from 1-2.30 p.m. at the college clinic. Limited to four students. Assistant Clinical Professor Warnshuis.

For graduate instruction, see page 94.

NEUROLOGY

Professor: Emanuel D. Friedman

Associate Professor: Samuel Brock

Assistant Professor: S. Bernard Wortis

Assistant Clinical Professor: Harold R. Merwarth

Instructor: Aaron Bell

Assistants: Harold H. Dodds, Joseph Lander, Eugene C. Milch, Mary O'Sullivan

Second Year

Lectures—One a week during the third trimester. These lectures will serve as an introduction to clinical neurology. Methods of examination will be discussed and illustrated by clinical material. Assistant Clinical Professor Merwarth.

Third Year

Lectures—One a week during the second half year. These lectures are clinical, being illustrated by cases of the diseases under discussion. They constitute a systematic course of instruction in the diseases of the brain

and spinal cord; their pathology, symptomatology, diagnosis, and treatment. Professor Friedman and Associate Professor Brock.

Section teaching in the college clinic and Bellevue Hospital throughout the session. Assistant Clinical Professor Merwarth, and Drs. Bell, Dodds, Lander, Milch, and O'Sullivan.

Fourth Year

Section Teaching—Small sections attend for bedside instruction or clinics, three mornings a week for four weeks, at Bellevue Hospital. Professor Friedman, Associate Professor Brock, and Assistant Professor Wortis.

ELECTIVE COURSES IN NEUROLOGY

1. *Experimental Neurology*—Daily from 9–11.15 a.m. for one month in the laboratory of experimental neurology, Bellevue Hospital pathology building. Limited to two students. The course consists of experimentation on the nervous system of animals. Neurosurgical, neurophysiological, and neuropharmacological work will be included. Those electing the course will be expected to work on an individual problem. Assistant Professor Wortis. Credit, 50 hours.

2. *Cerebral Localization with Special Reference to Brain Tumors*—Daily from 9.30–11.15 a.m. for one month beginning January 14, 1935, on wards F1 and G1 at Bellevue Hospital. Limited to two students. Topical diagnosis of diseases of the brain. The importance of the various forms of disturbances in speech and the significance of defects in the visual fields. Methods of differentiation between tumors of the brain and other focal lesions (including encephalography and ventriculography). Professor Friedman and staff. Credit, 50 hours.

3. *Diagnostic Methods in Diseases of the Spinal Cord*—Daily from 9.30–11.15 a.m. for one month beginning January 14, 1935, on wards F1 and G1 at Bellevue Hospital. Limited to two students. Pathways concerned in the transmission of afferent and efferent impulses. Lamellation of the pathways in the cord. Study of levels in the cord. Differentiation of neoplastic lesions of the cord from other forms of spinal disease. Significance of X-ray studies, including the use of lipiodol. Manometric tests for spinal block. Professor Friedman and staff. Credit, 50 hours.

OBSTETRICS AND GYNECOLOGY

Professor: Frederick C. Holden
Associate Professor: William E. Studdiford
Associate Professor of Gynecology: Onslow A. Gordon, Jr.
Clinical Professors: Frederick C. Freed, Edwin W. Holladay

Clinical Professors of Gynecology: Henry C. Falk, Francis W. Sovak
Assistant Clinical Professors: Henry T. Burns, Claude E. Heaton

Assistant Clinical Professors of Obstetrics: George L. Bowen, Arthur M. Reich

Assistant Clinical Professors of Gynecology: Sophia J. Kleegman, Thomas E. Lavell

Lecturer on Gynecology: David N. Barrows

Instructors: Myron E. Goldblatt, Raymond R. Squier, Stanley F. Ungar

Instructors in Obstetrics: Louis A. Bunim, Mortimer D. Speiser, Irwin Wellen

Instructors in Gynecology: W. Spencer Gurnee, Herman H. Lardaro

Assistants: William Filler, J. Randolph Gefert, Ernst Kulka, Irving Strumpf

Assistant in Obstetrics: Georgia Reid

Third Year

OBSTETRICS

The teaching of obstetrics during the third year is devoted entirely to the theoretical study of normal obstetrics and of complications of pregnancy, labor, and puerperium. The subject is taught by means of recitations, lectures, and clinics.

Recitations—The class is divided into four sections for recitations which are held once each week throughout the year. The subject matter is assigned in advance from a textbook and covers the theory of normal and abnormal obstetrics.

Lectures—During the second and third trimesters, special subjects are covered by lectures. These lectures are held every other week during the second trimester and every week during the third trimester.

Clinics—Once each week during the third trimester. Clinical instruction is given in the amphitheater at Bellevue Hospital on the routine care of cases during pregnancy, labor, and puerperium.

GYNECOLOGY

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 to the entire class during the first semester. Subjects are assigned in advance, upon which the students are prepared.

Section Teaching—The class is divided into eight sections, each section spending two hours each week for sixteen weeks in the out-patient department of Bellevue Hospital where there is afforded an unusual

opportunity for clinical study. This work is done under the supervision of instructors who acquaint the students with the normal and abnormal in gynecological examinations.

Fourth Year

OBSTETRICS AND GYNECOLOGY

The teaching of obstetrics and gynecology is carried out at Bellevue Hospital. The class is divided into six sections, a section being on duty for eight weeks. Each section is divided equally into group A and group B.

Group A spends the first four weeks on the gynecological wards during the morning and in the afternoon attends the antepartum clinic. While on the gynecological wards, cases are assigned to individual students who are held responsible for the history and physical examination. Following a thorough study of the case, the student submits his report accompanied by his provisional diagnosis. Students are individually instructed by members of the staff in gynecological diagnosis. Emphasis is laid on diagnosis and treatment, and students seldom attend the operative clinics.

Group B is assigned, for the first four weeks, to obstetrics; half the group being on night duty and half on day duty. At the end of two weeks the night and day students exchange assignments. They are given instruction and training in practical obstetrics in the ward and delivery room. Normal cases are delivered by students under the supervision of the house staff and instructors. Opportunity is offered for the close observation of abnormal cases. At the end of his service, each student reports in detail on the cases to which he has been assigned. He must deliver at least six cases personally.

At the end of four weeks the students in groups A and B exchange services, the latter going to the gynecological and the former to the obstetrical wards.

During the entire eight weeks, groups A and B report as a single section between 10 and 11.30 a.m. Twenty of these meetings are devoted to the discussion of the more important aspects of obstetrics; twenty are devoted to gynecology. In addition, eight sessions are devoted to gynecological, obstetrical, fetal, and neonatal pathology. Once a week in the afternoon, the groups meet as a whole for instruction in the care of the newborn infant under the direction of the department of pediatrics.

During the first and second trimesters a certain number of clinics are held for the entire class once a week. These are devoted to special subjects.

ELECTIVE COURSES IN GYNECOLOGY

1. *Clinical Gynecology*—Daily from 2-5 p.m. for one month on Ward K2 at Bellevue Hospital. Limited to two students. Professor Holden and staff. Credit, 50 hours.

2. *Gynecological Clinic*—Daily from 9-11.15 a.m. for one month at the Bellevue Hospital out-patient department. Limited to two students. Professor Holden and staff. Credit, 50 hours.

OPHTHALMOLOGY

Professor: Webb W. Weeks

Assistant Clinical Professor: William B. Doherty

Instructors: Sigmund A. Agatston, Mark H. Barnes, Edward B.

Gresser, Wendell L. Hughes, Raymond E. Meek, John A. Renwick,

Arno E. Town, Ervin A. Tusak

Assistants: Bernard Fread, Arthur A. Gallo, Francesco Pagano

Third Year

Lectures—Didactic, six are given during the first trimester, dealing with objective and subjective examination of the eye. The scope of these lectures covers only those eye conditions which are most likely to be met with in general medical practice. The lectures are illustrated by lantern slides.

Section Teaching—Five afternoons a week. Small sections of the class receive practical instruction in the recognition, diagnosis, and treatment of all the usual diseases of the eye as well as in the correction of errors of refraction. Special stress is laid upon the use of the ophthalmoscope. The student becomes familiar with the normal appearances of and many pathological changes in the fundus oculi. Oral quizzes review the work gone over in the sectional instruction course.

ELECTIVE COURSE IN OPHTHALMOLOGY

1. *Ophthalmology*—Mondays, Wednesdays, and Saturdays from 2-4 p.m. for one month at Bellevue Hospital out-patient department and the college clinic. Limited to four students. This course consists of (a) instruction in examination, etiology, pathology, diagnosis, and treatment; and (b) ophthalmoscopy—thorough instruction in the practical use of the ophthalmoscope. The examination of normal and pathological conditions of fundus, utilizing a large number of cases, is made. Drs. Gresser, Meek, Town, and Tusak. Credit, 25 hours.

ORTHOPEDIC SURGERY

Professor: Arthur Krida

Clinical Professor: Paul C. Colonna

Assistant Clinical Professor: Joseph Buchman

Instructors: John C. McCauley, Jr., Philip Palew

Assistant: Seymour Zaller

Fourth Year

Lectures—One didactic or clinical lecture weekly during the second half session. The effects of infection, traumatism, habitual overstrain, and functional insufficiency upon joint structures are elaborated, emphasis being placed upon pathology and upon the physical examination of normal and pathological joints. Congenital and acquired deformities of the locomotor system are discussed and illustrated. The principles of treatment are outlined.

Lantern slides, motion pictures, and clinical cases are shown to illustrate the material of the lectures. Professor Krida.

Section Teaching—Four afternoons a week for four weeks to small sections. Practical instruction in diagnosis and treatment to small sections of the class in the college clinic, in the clinic of the Hospital for Ruptured and Crippled, and one operative clinic weekly at Bellevue Hospital. Professor Krida, Clinical Professor Colonna, Drs. McCauley and Palew.

OTO-RHINO-LARYNGOLOGY

Professor: J. Winston Fowlkes

Lecturer: Arthur J. Huey

Instructors: Gerard H. Cox, Ward C. Denison, William M. Dick, John Guttman, J. Swift Hanley, Harold Liggett, John MacIsaac, Ashby G. Martin, Victor C. McCuaig, Isadore Miller, John Miller, Eugene H. Moyle, Edgar M. Pope, Jackson A. Seward, James B. Shannon, J. Dashiell Whitham, Peter Yudkowsky

Assistants: Saul J. Apfel, David C. Braun, Robert Gewanter, M. Martyn Kafka, Leo A. Kallen, Louis Keller, Alfred Kornblut, Robert Landon, Roland F. Marks, Maxwell D. Ryan, Nelson Sisson, Joseph L. Szekely, Van Rensselaer Voislavsky

Third Year

Lectures—One each week during the first six weeks of the year on the diseases of the ear, nose, and throat. The various pathological conditions are described and demonstrated to the class by the use of specimens and lantern slides. Particular effort is made 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, nose, and throat which demand immediate attention.

Section Teaching—Small sections of the class receive instruction in the anatomy of the ear, nose, and throat, in the examination of patients, and the normal structures are demonstrated. After the students become proficient in the use of the common instruments of examination they are assigned to patients in the college clinic and out-patient department of Bellevue Hospital where they are instructed in the diagnosis and treatment of the common diseases of the ear, nose, and throat.

In addition, each section is given a demonstration of the technic of endoscopic examination of the larynx, trachea, bronchi, and esophagus, and also the common methods used in the functional examination of the ear. This work is supplemented by bedside instruction in the hospital wards, conferences, and oral quizzes.

PATHOLOGY

Professor and Director of Pathological Laboratories: Douglas Symmers

Professor of Pathological Histology: Alexander Fraser

Associate Professor of Neuropathology: Joseph H. Globus

Assistant Professor and Assistant Director of Pathological Laboratories: Irving Graef

Lecturer on Dental Pathology: Charles G. Darlington

Instructor: Sigmund Wilens

Assistants: To be appointed

Second Year

Throughout the second year, lectures, experimental demonstrations of fundamental pathological phenomena, practice in pathological anatomy and histology are given. A comprehensive course in neuropathology is included.

Small groups of students study abundant fresh necropsy material in the autopsy rooms of Bellevue Hospital. Students are permitted to assist at necropsies and an opportunity is given to develop descriptive powers and to learn the methods of the pathologist. Subsequently the histological findings in each case are presented and the case reviewed. Weekly pathological conferences are held to review special subjects and to introduce students to methods of correlating pathological phenomena with clinical findings.

Third Year

Weekly pathological conferences are held under the supervision of the department of pathology with the coöperation of members of clinical

departments to present case material illustrating pathological phenomena. The primary emphasis is placed on pathological features in relation to outstanding clinical events.

Fourth Year

Special conferences devoted to the correlation of clinical and pathological findings are held during the fourth-year clinical clerkships in medicine, surgery, gynecology, obstetrics, and pediatrics. More detailed information is given in the descriptions of the various courses.

PEDIATRICS

Professor: Charles Hendee Smith

Assistant Professors: Harry Bakwin, Edith M. Lincoln, Lucy P. Sutton

Clinical Professors: Walter L. Carr, Hugh Chaplin, Gaylord W. Graves, Alexander T. Martin, Giuseppe Previtali, Bret Ratner, Edward S. Rimer

Assistant Clinical Professors: Samuel D. Bell, Isidore H. Goldberger, John W. Hammond, Josephine H. Kenyon, Frank McLean

Instructors: Elizabeth T. Andrews, Ruth Bakwin, Louis Berlinrood, Oscar Bodansky, Irving Claman, Katharine G. Dodge, Herbert L. Elias, Joseph Goldstein, Harold Jacobziner, Jerome Kohn, Jacques M. Lewis, Rosa Lee Nemir, Jean H. Pattison, Antoinette Raia, Richard Schorr, Gertrude Shults, Stanley Wershof, Blandina Worcester

Assistants: George B. Dorff, Harold Fox, Margaret Fries, Lillian Milgram, Dabney Moon-Adams, Reuben Turner

Second Year

Lectures—Three, third trimester. Introduction to pediatrics. Development, growth, fundamentals of nutrition. Professor Smith and Clinical Professor Rimer.

Third Year

Lectures or Clinics—One a week throughout the year. Infant feeding in health and disease. The important aspects of the hygiene and the diseases of childhood. These are considered from a standpoint different from that of the textbooks and are illustrated by lantern slides, charts, and patients. The prevention of disease in childhood is stressed. Professor Smith and associates.

Conferences on assigned reading, one morning a week (one and one quarter hours) throughout the year, in sections at Bellevue Hospital. These are illustrated by cases from the wards and out-patient department. Physical diagnosis of children in small sections of the class one

hour a week. Assistant Professors Bakwin and Sutton and Assistant Clinical Professors Chaplin and Graves and assistants.

Fourth Year

Each student spends eight weeks on the children's medical service at Bellevue Hospital.

Ward Clerkship—For four weeks each student acts as clinical clerk on the wards. He serves practically as a junior interne, having responsibility for the complete study of a certain number of patients. He is required to write up a complete history and discussion of a few of these for criticism by an instructor. In addition, he has the opportunity of seeing all the cases of interest on the ward at the time. Rounds are made with the various visiting physicians, during which especial attention is paid to diagnosis and treatment. This ward service gives an exceptional opportunity for training in physical diagnosis, since at all times of the year it is possible to find cases showing nearly every type of physical sign in the heart, lungs, and elsewhere. Each student has part of the time on the infants' wards and part with older children. He also spends one evening a week in the admitting room where children are seen before the diagnosis is complete.

Out-Patient Department—For four weeks each student attends the out-patient department every afternoon. There he is assigned patients, takes a history, and does a complete physical examination. The case is then discussed with an instructor who corrects the students' observations and suggests the treatment. The student transmits the result of this consultation with the instructor to the parent and arranges for the return visit so that he will see the patient again. This work gives training in the handling of ambulant patients and teaches the student how to deal with parents.

Conferences with the entire group of pediatrics are held several times a week, in which ward and ambulant patients are shown and discussed. The students on duty in wards and out-patient department all attend the staff conference once a week.

Clinics—Once a week for half the year to one half the class. These are held at Bellevue Hospital. Typical cases of acute disease are shown from the wards and are used as a basis for the discussion of differential diagnosis and treatment. Especial attention is given to the practical handling and therapeutics of acute and chronic illness in private practice and to the special treatment of the conditions peculiar to childhood.

Contagious Diseases at Willard Parker Hospital—Each student has six exercises in which he is shown examples of the exanthemata, diphtheria, and whooping cough.

ELECTIVE COURSES IN PEDIATRICS

1. *Rheumatic Fever*—Daily from 9-11.15 a.m. and 2-5 p.m. for one month on the wards and out-patient department of Bellevue Hospital. Limited to three students, by arrangement with Assistant Professor Sutton. Credit, 100 hours.

2. *Biochemistry in Pediatrics*—Daily from 9-11.15 a.m. and 2-5 p.m. for one month at the Bellevue Hospital pediatrics laboratory. Limited to two students. Blood, spinal fluid, and urinary chemistry. Previous training in biochemical methods is desirable. Assistant Professor H. Bakwin and Dr. Bodansky. Credit, 100 hours.

3. *Nephritis in Childhood*—Daily from 9-11.15 a.m. for one month on the wards of Bellevue Hospital. Limited to four students. Method of diagnosis, study, and treatment. Dr. Shults. Credit, 50 hours.

4. *Rickets and Tetany*—Daily from 9-11.15 a.m. for one month at Bellevue Hospital. Limited to six students. Disorders of calcium metabolism, ultra-violet, and other therapy. Assistant Professor H. Bakwin. Credit, 50 hours.

5. *Pediatric Seminar*—One session monthly throughout the year. Hours to be arranged. Limited to twenty students. Discussions of more recent advances in the biological sciences in relation to pediatrics. Assistant Professor H. Bakwin. Credit, 20 hours.

6. *General Pediatrics*—Tuesdays from 2.30-4 p.m. for one month at Roosevelt Hospital, 59th Street and Ninth Avenue, New York, N. Y. Limited to six students. Clinical Professor Martin. Credit, 8 hours.

ELECTIVES IN SPECIAL CLINICS

These clinics run throughout the entire year at the hours indicated below. Fourth-year students may elect not more than two of these, subject to the approval of the physicians in charge, during their time assigned to pediatrics and electives.

1. *Behavior Problems Clinic*—Tuesdays from 2-4 p.m. in the out-patient department at Bellevue Hospital. Limited to three students. Dr. R. Bakwin. Credit, 32 hours.

2. *Children's Cardiac Clinic*—Tuesdays and Fridays from 2-4 p.m. in the out-patient department at Bellevue Hospital. Limited to two students. Assistant Professor Sutton. Credit, 32 hours.

3. *Chorea Clinic*—Wednesdays from 2-4 p.m. in the out-patient department at Bellevue Hospital. Limited to two students. Assistant Professor Sutton. Credit, 32 hours.

4. *Endocrine Clinic*—Thursdays from 2-4 p.m. in the out-patient department at Bellevue Hospital. Limited to four students. Dr. Dorff. Credit, 32 hours.

5. *Infant Feeding Clinic*—Wednesdays from 2-4 p.m. in the out-patient department at Bellevue Hospital. Limited to six students. This course is for students who wish to learn more about the feeding of infants than can be given in the pediatric sixth of the year. Professor Smith. Credit, 32 hours.

6. *Nephritis Clinic*—Fridays from 2-4 p.m. in the out-patient department at Bellevue Hospital. Limited to four students. Dr. Shults. Credit, 32 hours.

7. *Malnutrition Clinic*—Thursdays from 2-4 p.m. in the out-patient department at Bellevue Hospital. Limited to two students. Methods of study and treatment. Dr. Schorr. Credit, 32 hours.

8. *Sensitization Clinic*—Thursdays from 2-4 p.m. in the out-patient department at Bellevue Hospital. Limited to two students. Asthma, eczema, hay fever, etc. Technic of protein skin tests and study of clinical cases. Assistant Clinical Professor Bell. Credit, 32 hours.

9. *Syphilis Clinic*—Mondays from 2-4 p.m. in the out-patient department at Bellevue Hospital. Limited to three students. Diagnosis and therapy of lues. Clinical Professor Previtali and Dr. Moon-Adams. Credit, 32 hours.

Graduate instruction, see page 95.

PHARMACOLOGY

Professor: George B. Wallace

Assistant Professor: Richard C. Bodo

Instructors: Frank A. Calderone, Amedeo S. Marrazzi

Second Year

Lectures and Recitations—Four lectures and two recitations a week throughout the second trimester. In this course a systematic study is made of the various drugs of therapeutic usefulness or especial pharmacological interest. Chief emphasis is laid on the actions of drugs on the body, but due consideration is given to their chemical and physical properties, the form and dosage in which they are prescribed, the indications for their therapeutic use, and their effects as poisons. Professor Wallace, Assistant Professor Bodo, and Drs. Calderone and Marrazzi.

Laboratory Work—Three three-hour exercises a week throughout the second trimester. The course is divided into two parts; one devoted to a study of the actions of drugs, the other to a study of their preparation 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 functions of the body may be modified by drugs. The nervous system, circulation, kidney, gastro-intestinal tract, 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, Assistant Professor Bodo, and Drs. Calderone and Marrazzi.

Conferences—One a week throughout the second trimester. For each experiment a group of students is assigned to assemble the facts obtained, and to present these with interpretations and conclusions to the class. A general discussion follows each report. Professor Wallace.

PHYSIOLOGY

Professor: Homer W. Smith
 Assistant Professor: Dugald E. S. Brown
 Instructors: Robert W. Clarke, Robert F. Pitts, James A. Shannon
 Assistants: Joseph Nash, Samuel Standard

First Year

Second Trimester

Lectures—Two a week. Professor Smith
 Recitations—One a week. Assistant Professor Brown, Drs. Nash, Pitts, Shannon, and Standard, and Mr. Clarke

Third Trimester

Lectures—Four a week. Professor Smith
 Recitations—Two a week
 Laboratory Work—Two full days a week

The following subjects are examined experimentally:

Nervous System—Properties of nervous receptors; the central nervous system of the frog; cervical sympathetic functions in the cat; reflexes in the spinal and decerebrate cat and in man.

Special Senses—Threshold and discrimination; the mechanisms for the maintenance of posture and the perception of movement; dioptrics by means of the artificial eye; the human eye as an optical instrument.

Muscle and Nerve—Methods of stimulating and observing the responses; threshold and changes in irritability; contraction of skeletal

muscle showing time relations of the activity, summation, fatigue, and working power in isotonic and isometric contractions; speed and efficiency in man; the oxygen debt.

Circulation—Properties of heart muscle; events of the cardiac cycle; regulation of blood pressure; the measurement of blood pressure in man; the effect of exercise and other factors on the circulation.

Respiration—Determination of oxygen and carbon dioxide in expired air; effects of oxygen and carbon dioxide on respiration; the chemical and nervous control of respiration; mechanics of respiration; the transport of gases by the blood.

Secretion, Digestion, Absorption and Excretion—Regulation of secretion by nervous and chemical mechanisms; physics and physiology of absorption; kidney function; gastric function.

Metabolism—Determination of the respiratory quotient; measurement of basal metabolism; effect of diet and exercise on metabolism; carbohydrate metabolism and regulation of blood sugar level.

PREVENTIVE MEDICINE

Biggs Professor: William H. Park
 Professor of Chemical Bacteriology: K. George Falk
 Assistant Professor: Israel Weinstein
 Lecturers: William H. Guilfooy, Edward H. Marsh, Edward S. McSweeney, Andrew J. Provost, Jr., May C. Schroder, William F. Snow
 Visiting Lecturer: Emil Bogen
 Research Fellows: Grace McGuire, Eugenia Valentine

Third Year

Hygiene and Preventive Medicine—Quizzing, discussions, and demonstrations—One hour a week throughout the session. Professor Park, Assistant Professor Weinstein, and special lecturers.

Lectures—One hour a week through the session. The course deals chiefly with 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. Demonstrations, for three days, are given at the beginning of the session and cover inspection of baby health stations, tuberculosis clinics, the Bellevue Yorkville Health Demonstration Center, a certified milk farm, plants carrying on the pasteurization of milk, water and sewage purification plants. Professor Park and staff.

Fourth Year

Lectures—One hour a week throughout the session. This course is

limited to preventive medicine as it applies directly to the various clinical departments. The course is arranged by the executives of the various clinical departments and given by them or their staffs or prominent visiting lecturers. The clinical departments taking part in this course are the departments of medicine, pediatrics, dermatology, neurology, and psychiatry, the department of surgery, orthopedics, urology, ophthalmology, oto-rhino-laryngology, and the department of gynecology and obstetrics.

PSYCHIATRY

Professor: Menas S. Gregory

Research Professor: Paul F. Schilder

Assistant Clinical Professor: Samuel Feigin

Instructors: Benjamin Apfelberg, Lauretta Bender, Frank J. Curran, Sam Parker, Nathaniel Ross

Assistants: Walter Bromberg, David Wechsler

Second Year: Medical Psychology

Lectures and Clinical Demonstrations—One a week during the third trimester. This course of lectures deals mainly with the importance of psychological principles in general medicine, together with a brief psychologic introduction to the study of psychiatry. Ten hours.

Third Year

Lectures and Clinical Demonstrations—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 at the Bellevue Psychiatric Hospital, with its wealth of material, especially rich in acute psychoses and mental disorders symptomatic of somatic diseases. Some facts relating to the medico-legal aspects of mental diseases which interest the general practitioner are discussed and instruction is given in the examination and commitment of the mentally sick. Thirty hours.

Fourth Year

Lectures—One each week, during the first six weeks of the year, dealing principally with the theory and practice of neuroses, particularly from a psychoanalytic standpoint.

Clinical Conferences—Each section of about twelve students receives three mornings of instruction a week for a period of four weeks. 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. The conferences are held in the Bellevue Psychiatric Hospital. Thirty-six hours.

ELECTIVE COURSE IN PSYCHIATRY

1. *Clinical Psychiatry*—Daily from 9-11.15 a.m. for one month in the Bellevue Psychiatric Hospital. Limited to four students. Professor Gregory and staff. Credit, 50 hours.

RADIOLOGY

Professor: I. Seth Hirsch

Lecturer on Dental Radiology: Abraham L. Greenfield

Instructors: Charles Gottlieb, Frank Huber, Jesse Server

Instructor in Dental Radiology: Samuel S. Wald

The course in radiology embraces Roentgen diagnosis and the application of the X rays and radium as therapeutic agents. The instruction is given in the Edward N. Gibbs Memorial X-Ray Laboratory.

First Year

The X-ray appearance of normal anatomic structures is taught by lectures and practical demonstrations. This course, in time and substance, parallels the work of the students in the dissecting room. The student is thus impressed with the concept of the study of living anatomy by the X ray. Professor Hirsch and Dr. Huber.

Second Year

The X-ray appearance of the normal thoracic and abdominal viscera is taught by fluoroscopic supplemented by Roentgenographic methods. This course, in substance and time, parallels the course in physical diagnosis. Professor Hirsch and Dr. Server.

Third Year

The application of Roentgen diagnosis to medical and surgical diseases is taught by lectures and practical demonstrations. Lectures are also given on the principles and practice of radiation therapy. Professor Hirsch and Dr. Gottlieb.

ELECTIVE COURSES IN RADIOLOGY

1. *General X-ray Diagnosis*—Mondays, Wednesdays, and Fridays from 2-3 p.m. for one month in the department of radiology. Limited to eight students. The routine cases of an active hospital service are studied. Professor Hirsch and staff. Credit, 12 hours.

2. *Roentgen Diagnosis of Diseases of the Gastro-Intestinal Tract*—Thursdays and Fridays from 3-5 p.m. for one month in the department

of radiology. Limited to five students. The first hour is spent in fluoroscopic examinations and the second in the study of the Roentgenograms of diseases of the gastro-intestinal tract. Professor Hirsch and staff. Credit, 16 hours.

3. *Roentgen Diagnosis of Diseases of the Thoracic Viscera*—Tuesdays and Thursdays from 2–3 p.m. for one month in the department of radiology. Limited to ten students. The Roentgen diagnosis of diseases of the pleura, mediastinum, heart, and lungs are studied in a systematized course by films. This is supplemented by fluoroscopic examination of such clinical material as appears in the college clinic. Professor Hirsch and staff. Credit, 8 hours.

SURGERY

George David Stewart Professor: Arthur M. Wright

Professor of Clinical Surgery: Robert P. Wadhams

Associate Professor of Experimental Surgery: Frank W. CoTui

Clinical Professors: W. Howard Barber, Fenwick Beekman, Carl G. Burdick, William T. Doran, John Douglas, Carl Eggers, Hermann Fischer, Charles Goodman, Ira I. Kaplan, George A. Koenig, Gaston Labat, Arthur S. McQuillan, Otto Pickhardt, DeWitt Stetten, Charles W. Walker

Assistant Clinical Professor: Louis C. Lange

Instructors: Philip Allen, Anthony S. Bogatko, John V. Bohrer, Lester Breidenbach, Samuel B. Burk, Victor Carabba, Joseph Croce, Edward V. Denneen, Harry B. Eisberg, Thomas Galvin, Francis Harrison, Norman Higinbotham, J. William Hinton, Francis Huber, Elmer I. Huppert, Alfred A. Johnson, Meyer J. Kutisker, Kenneth M. Lewis, Merrill D. Lipsky, Edward M. Livingston, Attilio Milici, John H. Morris, Samuel Mufson, John Mulholland, John Murphy, Joseph Nash, John Nelson, Richard O'Connell, Harry A. D. O'Connor, Benjamin Shafiroff, Irwin E. Siris, Samuel Standard, Joseph Welling, Hippolyte Wertheim, James C. Whitaker

Instructor in Anaesthesia: Saburo Emy

Instructor in Experimental Surgery: Everett G. Fausel

Assistants: Raymond N. Allen, Clyde N. Baker, Christopher A. Beling, Henry Blum, Frank Cerniglia, Emil J. Delli Bovi, Theodore Elsasser, John F. Grady, Rubin Hackmeyer, Stuart Z. Hawkes, Henry S. Huber, Harold Koppleman, Movses Koumrian, Hyman Lieber, Benjamin P. Malerba, Lazarus Manoel, G. Charles Morrone, John Muccigrosso, Wallace B. Murphy, Howard A. Plank, Everett Probst, James A. Ramsay, Emil L. Santangelo, Moses Sucoff

Second Year

Operative Surgery: laboratory work on the cadaver, two hours a week in sections throughout the session. Clinical Professor Walker, Assistant Clinical Professor Lange, and instructors.

Recitations—One a week on the principles of surgery during the third trimester. Dr. Mulholland.

Third Year

Lectures—One a week throughout the session, on the principles and practice of surgery. A part of this time, however, is devoted to recitations on the most important features of the topics under consideration. In these exercises careful deliberation is given to general, regional, and operative surgery. The class is presented with a systematic classification of the topics taught. Professors Wright and Wadhams, and Clinical Professors Barber, Douglas, and Koenig.

Recitations—One a week, throughout the session, on the subjects covered by the lectures and assigned surgical topics. Drs. Kutisker and Livingston.

Section Teaching—The class is divided into four sections. Each section reports once a week either on the surgical wards, at the out-patient department of Bellevue Hospital, or at the college clinic. These conferences consist of discussion of general surgical topics illustrated by practical demonstrations. Professor Wright and staff.

Fourth Year

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

Section Teaching—Bellevue Hospital. In small sections, under competent supervision, the students are required to practise 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, unequaled by many years of private practice. Professors Wright and Wadhams, Clinical Professors Barber, Beekman, Burdick, Doran, Douglas, and Koenig, and Drs. Bohrer, Livingston, Nelson, and Siris.

Practical Work in the Hospital—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 various types of anaesthesia. Students are given 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—eight two-hour periods—in experimental surgery, the aims of which are to teach the student aseptic surgical technic and to acquaint him with the more advanced surgical problems. Associate Professor CoTui and Dr. Eisberg.

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

ELECTIVE COURSES IN SURGERY

1. *General Surgery—Bellevue Hospital.* Daily from 9–11.15 a.m. and 2–5 p.m. for one month on the wards of the Third Surgical Division, Bellevue Hospital. Limited to two students. This course consists of an extra surgical clinical clerkship supplemented by work in fractures, anaesthesia, postoperative care of patients, dressing technic, etc. Professor Wright and staff. Credit, 100 hours.

2. *General Surgery—Lenox Hill Hospital.* Full time daily, except Sunday, for one month at Lenox Hill Hospital. Limited number of students. This course consists of clinical work in the out-patient department, on the wards, etc. Clinical Professors Eggers, Fischer, Pickhardt, and Stetten. Credit, 100 hours.

3. *Cancer and Radium Therapy*—Daily from 2–4 p.m. for one month in the X-ray department of Bellevue Hospital. Limited to four students. Students take histories, make examinations of patients, and will observe the technic of X-ray therapy, superficial and deep, and of radium therapy, surface, intratumoral, intraorificial (gynecology, rectal, and throat). They assist in dressings and make observations on return patients. They receive full explanatory talks on the indications for the methods of giving radiation. Clinical Professor Kaplan. Credit, 50 hours.

4. *Minor Surgery*—Daily from 9–11.15 a.m. for one month. Mondays, Wednesdays, and Fridays, Ward M2, Bellevue Hospital; Tuesdays, Thursdays, and Saturdays at the Bellevue Hospital out-patient department. Limited to four students. This course consists of examination of patients, the application of dressings, bandaging, and minor surgical operations. It widens the phases of industrial surgery and the estimation of disability. Assistant Visiting Surgeons, Third Surgical Division. Credit, 50 hours.

5. *Surgical Research*—Daily from 9–11.15 a.m. and 2–5 p.m. for one month. Limited to two students. This course offers an opportunity to assist in the research activities in progress in the surgical experimental laboratory and on the surgical wards of Bellevue Hospital. Associate Professor CoTui. Credit, 100 hours.

Graduate instruction, *see* page 95.

UROLOGY

Professor: Alfred T. Osgood

Clinical Professor: Walter H. McNeill, Jr.

Instructors: Meredith F. Campbell, Clyde W. Collings

Assistants: Herman Horn, Robert Hotchkiss, S. Sym Newman

Third Year

Lectures—Six lectures designed to introduce the basic principles of urology. Professor Osgood.

Section Teaching—Groups of about eight students attend at the college clinic two hours weekly for eight weeks. At these sessions urological diseases are seen at first hand and actual clinical instruction is given in the common urological procedures. Dr. Collings and assistants.

Fourth Year

Section Teaching—Bedside instruction on the wards of Bellevue Hospital to small sections of the class. This course includes a systematic presentation of pathology, diagnosis, and treatment of diseases of the urinary organs and of the genital organs of the male. The course is abundantly illustrated with cases of the diseases under discussion, and each student is given the opportunity to examine personally such illustrated cases. Professor Osgood, Clinical Professor McNeill, and Drs. Campbell and Collings.

ELECTIVE COURSE IN UROLOGY

1. *Urology*—Mondays from 2–4 p.m. on the children's medical service, Bellevue Hospital. Limited to four students. Urological conditions in infants and children. Demonstration of various types of lesions commonly

found and the methods of diagnosis (cystography, cystoscopy, pyelography) and treatment. Dr. Campbell. Credit, 8 hours.

GRADUATE DEPARTMENT

Owing to the increased demand for graduate instruction in medicine and surgery and the medical and surgical specialties, the faculty of the Medical College, with the approval of the Council of the University, gives opportunities for selected students to pursue studies in certain departments.

Following is a brief description of the opportunities at present offered. For further information concerning requirements for admission, course content, fees, etc., communicate with the Secretary, University and Bellevue Hospital Medical College, 477 First Avenue, New York, N. Y.

FORENSIC MEDICINE

With the establishment of the department of forensic medicine, opportunities are available for graduate work in the fields of medical legal pathology and toxicology. These are open, each year, to a limited number of recent graduates in medicine who have had at least one year of a general internship or its equivalent; in addition a limited number of candidates who have doctors' degrees in chemistry may be admitted to the work in toxicology without having had medical training.

Only students who are willing to spend at least half of their time (ten months each year) for a period of four years or full time for two years will be considered. Work is carried on in the laboratories of the University and Bellevue Hospital Medical College, the pathological laboratories of Bellevue Hospital, and in the departments of the chief medical examiners of the City of New York and Essex County, N. J.

MEDICINE

A limited number of recent graduates in medicine, who have had at least one year of a general internship or its equivalent, will be allowed to pursue graduate work in internal medicine. Only serious students who are willing to spend at least half of their time, ten months a year for a period of five years, will be considered.

Work is carried on in the medical clinic of Bellevue Hospital, the college clinic, and the various laboratories of the department of medicine.

Each year, one student is assigned to a faculty member of the department of medicine who is responsible for guiding the student's work. During the first three years, the majority of the time is spent in the

laboratories working on problems applied to clinical medicine; the last two years are chiefly clinical.

PEDIATRICS

Opportunities for graduate work in pediatrics are offered to selected graduates in medicine who have had at least one year of a general internship or its equivalent. This work covers a period of at least one year, full time, or two years, part time, and consists of work in the laboratories of the fundamental subjects, and clinical work on the wards of the Children's Medical Service and out-patient department at Bellevue Hospital.

During the latter part of the work, students are attached to one of the groups studying special diseases and have an opportunity to work on special problems.

Research fellowships are available in certain instances at the completion of the basic graduate study.

SURGERY

A graduate 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 years. During this time the graduate 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 and operative surgery are covered in the first year; pathology, physiology, and surgery in the second year. Two evenings each month are devoted to reviews of surgical literature.

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, oto-rhino-laryngology, ophthalmology, etc., for special work. After completing this intramural instruction certain students are recommended to the director of a surgical service in a large metropolitan hospital for six months practical training. The fee is \$200.00 yearly.

Instruction in local, regional, and spinal anaesthesia is included in the graduate study described above. This comprises: (1) lectures on regional anatomy and injection technic, illustrated by lantern slides; (2) practice on the cadaver, followed by dissection; and (3) clinical lectures and demonstrations. This instruction is likewise open, as a separate short course, to graduates in medicine who are not enrolled in the graduate surgical study. The fee for this short course is \$200.00; partial course is \$100.00. Clinical Professor Labat and Dr. Wertheim.

HOSPITAL APPOINTMENTS

The city is New York unless otherwise stated.

The following graduates of the class of 1933 received appointments as internes to hospitals as follows:

- Allentown Hospital (Allentown, Pa.):* Anna M. Ziegler
Atlantic City Hospital (Atlantic City, N. J.): Louis Feinstein
Bellevue Hospital: Eleanor Adler, Gerhard Ahnquist, Anthony Bianco, Adolph Berger, Milan Duray, Gerald Flaum, David H. Goldstein, William T. Knight, Jr., Lillian E. McGowan, Louis M. Orr, Lawrence M. Shapiro, Evelyn Slabey, Allan J. Stinchfield, Erastus E. Strobino, Evan W. Thomas, Francis F. Viglione
Bayonne General Hospital (Bayonne, N. J.): Harry Greene, Emil H. Grieco
Beth-El Hospital (Brooklyn, N. Y.): Hyman E. Bass, Harold D. Dundy
Beth Israel Hospital (Brooklyn, N. Y.): Martin Gottheimer, Leo Hellman, Sidney E. Kaplan, Harold H. Levy, Julius Solovay, Allan H. Weinberger
Beth Moses Hospital (Brooklyn, N. Y.): Louis Pelner
Broad Street Hospital: Joseph T. Sullivan, Carmine Vicale
Bronx Hospital: Macy F. Levinson, Isadore Rothstein
City Hospital: Alvin Fox, Frank D. Myers, Eli Scheer
Coney Island Hospital (Brooklyn, N. Y.): Marjorie B. Klugherz, Isadore Stein
Cumberland Hospital (Brooklyn, N. Y.): Louis Appel, Jerome Lehner, Morris J. Leslie, Harry Martz, Victor Tadross
Elizabeth General Hospital (Elizabeth, N. J.): David Spivack
Fordham Hospital: Sidney Canter, Leonard Rakow, Murray E. Sagat
French Hospital: Perrin B. Snyder
Gouverneur Hospital: Jeremiah Last, Andrew Pecoraro
Grasslands Hospital (Valhalla, N. Y.): Edna Hunkemeier, Joseph H. Kott
Greenpoint Hospital (Brooklyn, N. Y.): Stanley Mark
Harlem Hospital: Louis Bronstein, Samuel Dasher, Emanuel Hauer, Morris Katz, Sonia Kraff, Emanuel Schwartz, Samuel Sobel
Highland Hospital (Rochester, N. Y.): John L. Pulvino
Jersey City Hospital (Jersey City, N. J.): Sidney S. Edelberg, Edward J. Hackett, Joseph V. Robbins, Guy H. Rothfuss
Jewish Hospital (Brooklyn, N. Y.): Dorothy Fogel, Sigmund Friedman, George B. Kolodny, Irving Lieberman
Kings County Hospital (Brooklyn, N. Y.): George F. Auwarter,

- Henry Freedman, Howard Hoppenhauer, Hirsch R. Leibowitz, Richard D. Piampiano
Knickerbocker Hospital: William T. Wheeler
Lebanon Hospital: Isadore Rudnikoff, Henry Vinicor
Lincoln Hospital: Seymour Bukanz, Maxwell Frank, Joseph Mendeloff, Costantino Zaino
Metropolitan Hospital: Nathan Moros
Michael Reese Hospital (Chicago, Ill.): Louis Scheman
Montefiore Hospital: Irving Madoff
Morrisania City Hospital: Pasquale A. Mercuri, Victoria Soloway, Alvin D. Yasuna
Mount Sinai Hospital: Henry Dolger, Paul Kaufman, David Littauer, Milton Steiner
Mount Vernon Hospital (Mount Vernon, N. Y.): Jerome Engel, Frank J. Hynes
Newark City Hospital (Newark, N. J.): Albert L. Gibbins
New York Post Graduate Hospital: Donald Weisman
Passaic General Hospital (Passaic, N. J.): Alfred S. Ruesch
Paterson General Hospital (Paterson, N. J.): Julian Cohen
Receiving Hospital (Detroit, Michigan): Douglas B. McDowell
St. John's Hospital (L. I. City, N. Y.): Samuel D. Bird, James J. Travers
St. John's Riverside Hospital (Yonkers, N. Y.): Joseph Costa
St. Luke's Hospital (Newburgh, N. Y.): Marius J. Pace
St. Peter's General Hospital (New Brunswick, N. J.): Charles Margulies
St. Vincent's Hospital: Bernard Pisani
Staten Island Hospital (Staten Island, N. Y.): Bruno Marangoni
Syracuse Memorial Hospital (Syracuse, N. Y.): William A. Gaspar
United Israel Zion Hospital (Brooklyn, N. Y.): Joseph A. Gerber, Jacob Lubchansky, Irwin I. Spritzer

ROLL OF STUDENTS

1933-1934

The city is New York if no other is given.

FOURTH YEAR (Class of 1934)

Ariola, Leo L., 8641 19th Avenue, Brooklyn, N. Y.
 Arndt, Frank R., 217 29th Street, Woodcliff, N. J.
 Bachman, Arnold L., 2955 East 196th Street
 Bades, Joseph, 1027 Walton Avenue
 Barbash, Roslyn Weichsel, 835 Red Road, Teaneck, N. J.
 Belenkoff, Murray F., 2001 Grand Concourse
 Boxer, David S., 340 Stuyvesant Avenue, Brooklyn, N. Y.
 Brady, A. Spates, Elkins, W. Va.
 Brier, Hyman D., 61 Federal Street, Bridgeport, Conn.
 Brightman, Isadore J., 1837 49th Street, Brooklyn, N. Y.
 Brill, Norman Q., 1060 Sherman Avenue
 Bukantz, Samuel C., 1955 Grand Concourse
 Chamlin, Max, 1736 Eastburne Avenue
 Chess, Joseph S., 1521 West 12th Street, Brooklyn, N. Y.
 Ciafone, Frank C., 24 Winslow Place, Astoria, N. Y.
 Connolly, Harold X., 261 East 188th Street
 Cooley, Samuel S., Titusville, N. J.
 Cordover, Harry, 1227 Wheeler Avenue
 Cornell, Albert, 166 Decatur Street, Brooklyn, N. Y.
 Davidowitz, Arthur M., 240 Colfax Avenue, Scranton, Pa.
 Desimone, Anthony C., 6 Hope Street, Brooklyn, N. Y.
 Dorfman, Wilfred, 1137 56th Street, Brooklyn, N. Y.
 Dougherty, John H., 1 Tampa Avenue, Asheville, N. C.
 Eisner, Eugene A., 24 East 11th Street
 Epstein, Samuel, 934 45th Street, Brooklyn, N. Y.
 Feigin, Emanuel V., 1820 Loring Place
 Feinberg, Max, 154 Stevens Avenue, Mt. Vernon, N. Y.
 Frankel, Isaac, 445 Newport Street, Brooklyn, N. Y.
 Friedman, Joseph J., 1495 Hoe Avenue
 Gagan, Francis A., 49 Conger Avenue, Haverstraw, N. Y.
 Gaynor, John S., P.O. Box 713, Wheeling, W. Va.
 Gilbert, Sidney, 2754 Broadway
 Glascock, Harold W., Jr., 936 Cowper Drive, Raleigh, N. C.
 Goodhart, Robert S., 1152 Bushkill Street, Easton, Pa.
 Goodman, Edward, 2397 Tiebout Avenue
 Gootnick, Abraham, 589 Snediker Avenue, Brooklyn, N. Y.
 Graziani, John G., 22 North A Street, Irvington, N. Y.
 Greene, Barnett, 515 Wyona Street, Brooklyn, N. Y.
 Groia, Nicholas F., 1111 Bay Ridge Avenue, Brooklyn, N. Y.
 Gustafson, Einar G. A., 2743 Butler Street, E. Elmhurst, N. Y.
 Harris, Sidney, 1632 President Street, Brooklyn, N. Y.
 Hayman, Charles R., 177 Brewster Road, Scarsdale, N. Y.
 Helfrick, J. Rembrandt, 375 Riverside Drive
 Hershkovitz, Alexander, 236-40 Fifth Street
 Hilfer, Nathan, 1034 East 12th Street, Brooklyn, N. Y.
 Holladay, Joel J., Jr., Danville, Ala.
 Hollingsworth, Charles H., Chickasha, Okla.
 Horn, Leo, 1423 Ocean Parkway, Brooklyn, N. Y.

Immordino, Charles H., 2434 Cambrelling Avenue
 Iseppettini, Eugene, 1936 65th Street, Brooklyn, N. Y.
 Joseph, Julius M., 1500 Lurting Avenue
 Kantor, Herman I., Lebanon, Pa.
 Karlen, Sol H., 325 West 77th Street
 Kastoff, David, 808 Adee Avenue
 Kaufman, Justus I., 170 Second Avenue
 Keating, John J., 24 George Street, Danbury, Conn.
 Klein, Charles, 216 East 183d Street
 Kronick, Macey, 174 Liberty Street, North Adams, Mass.
 Kulick, Morton, 200 Crown Street, Brooklyn, N. Y.
 Labate, John S., 1036 Northampton Street, Easton, Pa.
 Lawther, Francis R., 605 Dock Street, Wilmington, N. C.
 Lehman, Ernest, 779 Howard Avenue, Brooklyn, N. Y.
 Levy, Bertram L., 14 St. Marks Place, Staten Island, N. Y.
 Levy, Sidney, 402 Avenue F, Brooklyn, N. Y.
 Linick, Marvin D., 592 Beach Terrace
 Mintz, Nathan, 2119 Valentine Avenue
 Mohr, Frank L., 1055 University Avenue
 Nisnewitz, Samuel, 1719 Union Street, Brooklyn, N. Y.
 Oetjen, Mildred, 591 East 233d Street
 Orenstein, Leo L., 2968 West Third Street, Brooklyn, N. Y.
 Orkin, Lazarus A., 188 Ninth Avenue
 Ormsby, Thomas J., 3213 Randall Avenue
 Ornstein, Elliott A., 526 West 113th Street
 Pakter, Jennie, 1325 Grand Concourse
 Palatucci, Oscar A., 127 Lisbon Place
 Poleshuck, Rubin, 148 Peshine Avenue, Newark, N. J.
 Ranges, Hilmert A., 105 Argyle Avenue, New Rochelle, N. Y.
 Redish, Julius, 1603 Lincoln Place, Brooklyn, N. Y.
 Rimai, Theodore M., 1A May Street, Poughkeepsie, N. Y.
 Romascan, Jack, 105 Elliott Place
 Rosenbaum, David, 84 North Fourth Street, Paterson, N. J.
 Rosenberg, Alvin A., 22 High Street, Morristown, N. J.
 Rosenberg, David, 4310 53d Street, Woodside, N. Y.
 Saslaw, Milton S., 16 Ocean Parkway, Brooklyn, N. Y.
 Sayet, Maxwell, 1612 Walton Avenue
 Schoedel, Adrian C., 3324 167th Street, Flushing, N. Y.
 Schwartz, Joseph A., 1701 Eastburn Avenue
 Seley, Gabriel P., 119 Kent Street, Brooklyn, N. Y.
 Shapiro, Joseph, 966 East 178th Street
 Shappell, Albert, 500 Riverside Drive
 Shaskan, Donald A., 195 Central Avenue, Lawrence, N. Y.
 Siegel, Philip, 5 Davis Street, Beacon, N. Y.
 Siegel, Sigmund A., 121 East Clark Place
 Simpson, David B., 9 East 35th Street, Bayonne, N. J.
 Sisserson, Barney, 680 Madison Street, Brooklyn, N. Y.
 Slabey, John L., 226 East 72d Street
 Slobodin, Harry, 732 Noble Avenue
 Solworth, Lee I., 1823 Topping Avenue
 Southard, Curtis G., Stokesdale, N. C.
 Spector, Nathan, 1633 66th Street, Brooklyn, N. Y.
 Spring, David, 51 East 98th Street

Steiner, Matthew M., 1841 Sterling Place, Brooklyn, N. Y.
 Stoll, Bernard, 24 Revere Place, Brooklyn, N. Y.
 Texon, Meyer, 710 Riverside Drive
 Train, George J., 230 Rochester Avenue, Brooklyn, N. Y.
 Trayna, Jack A., 24 Bay Eighth Street, Brooklyn, N. Y.
 Tucker, Sidney, 180 Gordon Street, Perth Amboy, N. J.
 Vivona, James I., 953 East 84th Street, Brooklyn, N. Y.
 Weissberg, Jonas, 365 East 197th Street
 Wickner, Ira, 1937 East 21st Street, Brooklyn, N. Y.
 Winter, Leo, 140 West 58th Street
 Wray, Everett B., Glen White, W. Va.

THIRD YEAR (Class of 1935)

Abbadess, Nicholas J., 555 Southern Boulevard
 Alberg, Bernard H., 1741 Andrews Avenue
 Arkin, Alvin M., 2135 Bay Ridge Parkway, Brooklyn, N. Y.
 Axelrod, Morris, 1539 78th Street, Brooklyn, N. Y.
 Ballweg, Harry A., 502 West 176th Street
 Banta, Raymond E., 423 Larch Avenue, Bogota, N. J.
 Barcham, Irving S., 1504 Sheridan Avenue
 Batterman, Robert, 467 81st Street, Brooklyn, N. Y.
 Berman, Alfred, 203 Second Avenue, College Point, N. Y.
 Bernhardt, Herman, 402 Monroe Street, Brooklyn, N. Y.
 Bernstein, David, 457 Hinsdale Street, Brooklyn, N. Y.
 Bersack, Solomon R., 4203 13th Avenue, Brooklyn, N. Y.
 Block, Herbert, 1845 Madison Avenue
 Bloom, Samuel, 874 East Ninth Street, Brooklyn, N. Y.
 Bookbinder, Nathaniel E., 952 Central Avenue, Peekskill, N. Y.
 Brahm, Sigmund A., 1139 Halsey Street, Brooklyn, N. Y.
 Brown, George, 2105 Ryer Avenue
 Byrd, Mary L., Route No. 2, Pawling, N. Y.
 Carlino, James T., 213 South Gilpin Street, Punxsutawney, Pa.
 Chaves, Aaron D., 1860 East 24th Street, Brooklyn, N. Y.
 Ciccone, Roy, 38 William Street, Nutley, N. J.
 Cockerill, Thomas J., 142 West 92d Street
 Cohn, Edwin I., 1429 East Fifth Street, Brooklyn, N. Y.
 Cunningham, Vincent S., 351 Beach 69th Street, Arverne, N. Y.
 Davidson, Sidney, 2117 71st Street, Brooklyn, N. Y.
 Davis, Daniel, 522 37th Street, Union City, N. J.
 Diamond, Sidney, 1003 Flushing Avenue, Brooklyn, N. Y.
 Ehrenfeld, Irving, 1475 Jesup Avenue
 Ellenberg, Max, 2150 Wallace Avenue
 Essenson, Lawrence, 214 East 15th Street
 Farfel, Bernard, 21 East 104th Street
 Feigenoff, Gerald M., 420 Broadway, Paterson, N. J.
 Feinberg, David H., 106 South Seventh Street, Easton, Pa.
 Feller, Elizabeth M., 3735 63d Street, Woodside, N. Y.
 Fishberg, Archie, 851 Manida Street
 Fister, Thomas R., Route No. 2, Breinigsville, Pa.
 Fleischner, Alois L., 735 Walton Avenue
 Franco, Alexander, 2144 Prospect Avenue
 Frank, Cecil A., 559 West 156th Street
 Frankel, Henry, 744 Hudson Avenue, West New York, N. J.

Freeman, Joseph, 1390 Clinton Avenue
 Freeman, Jules, 1533 Vyse Avenue
 Fried, A. Jaime, 4901 Eighth Avenue, Brooklyn, N. Y.
 Giordano, William C., 329 Broad Avenue, Leonia, N. J.
 Giorgini, Gino L., Box 303, Copiague, N. Y.
 Gittell, George, 4871 Broadway
 Glick, Louis J., 135 Pelham Road, New Rochelle, N. Y.
 Goldgraben, Seymour, 65 Fort Washington Avenue
 Goldwasser, Fred E., 1533 Jesup Avenue
 Green, Henry, 901 East 179th Street
 Greisman, Jacob, 760 Tenth Avenue
 Grubin, Harold, 172 Norwood Avenue, Brooklyn, N. Y.
 Gurnee, Quinby D., Hawthorne, N. J.
 Hammerschlag, Max L., 779 East 176th Street
 Hartley, Joel, 215 West 101st Street
 Harvey, Robert, 92 Forest Street, Kearny, N. J.
 Heffer, Ernest T., 2245 82d Street, Brooklyn, N. Y.
 Hersh, Joseph H., 2029 86th Street, Brooklyn, N. Y.
 Hiatt, Nathan, 179 Tompkins Avenue, Brooklyn, N. Y.
 Hyman, Aaron, 2844 West 33d Street, Brooklyn, N. Y.
 Jenkins, Leo, 2522 Steinway Avenue, Astoria, N. Y.
 Johannsen, Max-Wilhelm, 380 Main Street, Keansburg, N. J.
 Kannegeiser, John J., 3 Van Siclen Court, Brooklyn, N. Y.
 Kaplan, Bernard, 717 East 42d Street, Brooklyn, N. Y.
 Kaplan, Harry, 25 West Tremont Avenue
 Kaplow, Raymond, 7710 20th Avenue, Brooklyn, N. Y.
 Katz, Jacob, 263 East Tenth Street
 Kerr, Robert H., 49-38 Annadale Lane, Little Neck, N. Y.
 Kleban, Leo, 302 Pulaski Street, Brooklyn, N. Y.
 Klosk, Emanuel, 17 Pennington Street, Newark, N. J.
 Kornreich, Carl J., 961 Tiffany Street
 Kramer, Irving W., 1261 50th Street, Brooklyn, N. Y.
 Krentz, Benjamin E., 2138 Crotona Parkway
 Kronenberg, Solomon, 331 Chester Street, Brooklyn, N. Y.
 Kurshan, Benedict, 1495 President Street, Brooklyn, N. Y.
 Langsam, Martin, 1445 East 19th Street, Brooklyn, N. Y.
 Leser, Janet G., 608 Susquehanna Avenue, West Pittston, Pa.
 Levine, Abraham I., 225 Herzl Street, Brooklyn, N. Y.
 Levine, Harold, 1668 East 45th Street, Brooklyn, N. Y.
 Lieberthal, Milton M., 186 Laurel Place, Bridgeport, Conn.
 Lighthizer, Orville J., 376 McLister Avenue, Mingo Junction, Ohio
 LoCascio, John, 3339 Eastern Boulevard
 Mallin, Edward J., 8520 89th Street, Woodhaven, N. Y.
 Mandelbaum, Theodore, 1057 Carroll Street, Brooklyn, N. Y.
 Manfredi, Dan H., 3109 Park Avenue
 Markofsky, Morris, 2922 West 24th Street, Brooklyn, N. Y.
 Mirkin, Abraham J., 25 Main Street, Flushing, N. Y.
 Nathanson, Florence, 1274 Fifth Avenue
 Palestine, Milton L., 1780 Walton Avenue
 Perlstein, Jacob, 1364 Washington Avenue
 Perniciaro, Salvatore J., 252 Wadsworth Avenue
 Pisani, Antonio J., 2 Oliver Street
 Pleasure, Hyman, 931 Putnam Avenue, Brooklyn, N. Y.

Polito, Joseph M., 227 York Street, Brooklyn, N. Y.
 Rao, John O., 41 Oliver Street
 Reynolds, Ernest H., Madison, N. C.
 Roberts, Joseph Y., 2766 Decatur Avenue
 Roe, Addison, 135 Pennsylvania Avenue, Crestwood, N. Y.
 Rosenbaum, Arthur B., 125 Berriman Street, Brooklyn, N. Y.
 Rosenthal, Randolph, 2119 Valentine Avenue
 Rubenstein, Leo, 440 East 146th Street
 Sabini, Howard Q., 4076 Monticello Avenue
 Saypol, George M., 169 East 101st Street
 Schaeffer, David, 726 Park Place, Brooklyn, N. Y.
 Scherzer, Maxwell, 411 East 83d Street
 Schiro, Salvatore R., 266 Garibaldi Avenue, Lodi, N. J.
 Schnur, Sidney, 86 Fort Washington Avenue
 Schotter, I. Harry, 110 West 100th Street
 Schwartz, Robert, 117 Sumner Avenue, Brooklyn, N. Y.
 Schwartz, Samuel E., 1037 Dumont Avenue, Brooklyn, N. Y.
 Shandalow, Sol L., 323 St. John's Place, Brooklyn, N. Y.
 Sheetz, Jacob G., 583 South Walnut Street, Bucyrus, Ohio
 Shlesinger, Julius H., 1449 40th Street, Brooklyn, N. Y.
 Sindel, Elias A., 2978 Avenue T, Brooklyn, N. Y.
 Spark, Milton, 1549 First Avenue
 Strax, Selig, 776 Crown Street, Brooklyn, N. Y.
 Sussman, S. Theodore, 79 West 35th Street, Bayonne, N. J.
 Szilagyi, Joseph M., 114 North Chelsea Avenue, Atlantic City, N. J.
 Tanz, Stanley S., 935 St. Nicholas Avenue
 Tepper, Julius, 34 Bay 31st Street, Brooklyn, N. Y.
 Tewksbury, Margaret H., 5101 39th Avenue, Long Island City, L. I., N. Y.
 Thompson, Edna R., 267 Palmetto Street, Brooklyn, N. Y.
 Turano, William, 650 East 181st Street
 Utensky, Max, 4703 91st Place, Elmhurst, N. Y.
 Waltman, Moses R., 1760 Ocean Avenue, Brooklyn, N. Y.
 Weir, Reginald S., 160 West 118th Street
 Weiselberg, Leo, 465 West End Avenue
 Weiss, Bernard, 105 Vernon Avenue, Brooklyn, N. Y.
 Weissberg, Julius L., 2132 Daly Avenue
 Welsh, Catherine, 1241 State Street, Schenectady, N. Y.
 Wesson, Howard, 242 East 19th Street
 Williams, Samuel H., 113 Rebecca West, East Palestine, Ohio
 Wolfson, Samuel A., 93 Treacy Avenue, Newark, N. J.
 Woltman, Virginia W., Schenley Apartments, Pittsburgh, Pa.
 Woodel, Herbert R., 75-17 62d Street, Glendale, N. Y.
 Young, Ralph A., 2 Tuxedo Place, Cranford, N. J.
 Zilinsky, James D., 1345 Ocean Parkway, Brooklyn, N. Y.

SECOND YEAR (Class of 1936)

Abrams, Murray, 22 Lefferts Avenue, Brooklyn, N. Y.
 Altenau, Grace A., 129 Prospect Place, Brooklyn, N. Y.
 Arlow, Jacob, 567 Alabama Avenue, Brooklyn, N. Y.
 Ballinger, Joseph, 320 Riverside Drive
 Barnett, Theodore, 1175 Eastern Parkway, Brooklyn, N. Y.
 Barth, Arthur, 421 West 162d Street
 Beckwith, Julius H., 147 West 230th Street

Benedetto, Francis M., 1347 Lexington Avenue
 Bergner, Harold A., 1425 Vyse Avenue
 Bloom, Samuel, 243 East 93d Street, Brooklyn, N. Y.
 Bodansky, Oscar, 274 West 11th Street
 Bodian, Martin, 463 Lincoln Place, Brooklyn, N. Y.
 Braitman, Max, 120 17th Street, West New York, N. J.
 Calodney, Martin, 746 Park Avenue, Brooklyn, N. Y.
 Camiel, Mortimer R., 309 Bradford Street, Brooklyn, N. Y.
 Chirico, Dominick F., 7620 Third Avenue, Brooklyn, N. Y.
 Cioffi, Pasquale A., 108-34 36th Avenue, Corona, N. Y.
 Cohen, David H., 751 Crotona Park North
 Cohen, Jerome, 250 West 104th Street
 Cullen, James H., 135 St. Marks Place, Staten Island, N. Y.
 Delice, Elvira M., 458 Van Cortlandt Park Avenue, Yonkers, N. Y.
 DelMonte, George A., 2144 Haviland Avenue
 Diamondstein, Bernard S., 461 Miller Avenue, Brooklyn, N. Y.
 DiMaio, Alphonse, 492 Metropolitan Avenue, Brooklyn, N. Y.
 Dordick, Jacob, 964 Simpson Street
 Dubrow, Hilliard, 285 Riverside Drive
 Eckhaus, Benjamin, 231 Division Avenue, Brooklyn, N. Y.
 Edelsack, May, 911 Longwood Avenue
 Favata, Salvatore C., 310 East 26th Street
 Fein, Harry D., 5205 13th Avenue, Brooklyn, N. Y.
 Feiring, Emanuel H., 103-13 Van Wyck Boulevard
 Fisher, Saul H., 224 East Fourth Street, Brooklyn, N. Y.
 Fishman, Sidney, 1241 East 18th Street, Brooklyn, N. Y.
 Fleischman, Arthur H., 3 Highland Court, Far Rockaway, N. Y.
 Freireich, Kal, 1522 East 19th Street, Brooklyn, N. Y.
 Fromm, Charles, 1276 Grant Avenue
 Gennis, Joseph, 2096 Third Avenue
 Gerst, George R., 1445 48th Street, Brooklyn, N. Y.
 Glushien, Arthur S., 441 Decatur Street, Brooklyn, N. Y.
 Gold, Benson A., 75 Featherbed Lane
 Goldman, Stanley, 1816 Monroe Avenue
 Goldschmidt, Jules W., 809 East 16th Street, Brooklyn, N. Y.
 Goldstein, Edward, 1545 45th Street, Brooklyn, N. Y.
 Goldstein, Mitchel G., 107 Avenue C
 Greenberg, Nathaniel P., 1305 East 18th Street, Brooklyn, N. Y.
 Gubner, Richard S., 1554 Ocean Avenue, Brooklyn, N. Y.
 Gureasko, Henry, 1653 East Second Street, Brooklyn, N. Y.
 Hanssmann, Irving J., 8712 96th Street, Woodhaven, N. Y.
 Heiman, Ilona H., 15 West 81st Street
 Herman, Myron, 1205 College Avenue
 Hirschfeld, Nathan B., 1843 Madison Avenue
 Hoch, Samuel, 224-21 Merrick Road, Laurelton, N. Y.
 Holleb, Eugene M., 288 Crown Street, Brooklyn, N. Y.
 Jacobson, Seymour S., 908 East 19th Street, Brooklyn, N. Y.
 Jaslow, Seymour P., 657 West 161st Street
 Kahane, Abraham, 2105 Ryer Avenue
 Kaicher, John J., 751 Bushwick Avenue, Brooklyn, N. Y.
 Kantor, Milton, 868 East 176th Street
 Katzman, Herman, 137 Parkville Avenue, Brooklyn, N. Y.
 Kaufman, Benjamin, 2510 Mermaid Avenue, Brooklyn, N. Y.

Koeck, George P., 535 Valley Street, Orange, N. J.
 Kovolefsky, Simon, 212 East 30th Street
 Lachterman, Alfred, 4701 Avenue D, Brooklyn, N. Y.
 Langsam, Abraham A., 1429 Pitkin Avenue, Brooklyn, N. Y.
 Lapan, Bernard, 3506 Hull Avenue
 Lautkin, Arthur, 2788 Webb Avenue
 Levin, Jack, 21 Huntington Terrace, Newark, N. J.
 Levine, Bernard, 915 Eastern Parkway, Brooklyn, N. Y.
 Linder, Jerome M., 86 Bainbridge Street, Brooklyn, N. Y.
 Lipkoff, Clarence J., 425 East 51st Street
 Litton, Marvin, 1123 East 23d Street, Brooklyn, N. Y.
 Marshall, Louis E., 5305 Fifth Avenue, Brooklyn, N. Y.
 Matus, Frank, 1011 East 12th Street, Brooklyn, N. Y.
 Meyer, Jerome A., 144-32 Northern Boulevard, Flushing, N. Y.
 Mishkin, Jacob A., 1459 East 26th Street, Brooklyn, N. Y.
 Moskowitz, Frank L., 1501 Nelson Avenue
 Parets, Albert D., 210 Sherman Avenue, Jersey City, N. J.
 Rachlin, Irving, 863 East 26th Street, Brooklyn, N. Y.
 Redish, Milton H., 1603 Lincoln Place, Brooklyn, N. Y.
 Reitman, Norman, 622 Bergen Avenue, Jersey City, N. J.
 Ricklin, Joseph, 581 Powell Street, Brooklyn, N. Y.
 Roche, Ursula J., 8725 114th Street, Richmond Hill, N. Y.
 Rodin, Julius S., 1195 Anderson Avenue
 Roose, Lawrence J., Pomona, Rockland County, N. Y.
 Rosen, Abner, 138-46 Hopkinson Avenue, Brooklyn, N. Y.
 Rosen, David M., 149 Sumner Avenue, Brooklyn, N. Y.
 Ross, David H., 111 East 184th Street
 Rothgesser, Jerome C., 122 Mapes Avenue, Newark, N. J.
 Rothman, Lester, 808 Montgomery Street, Brooklyn, N. Y.
 Rubin, Harold S., 1716 Ocean Parkway, Brooklyn, N. Y.
 Ruskin, Arthur, 397 North Avenue, New Rochelle, N. Y.
 Schiller, Carl, 1534 48th Street, Brooklyn, N. Y.
 Schneideman, Louis, 705 Montgomery Street, Brooklyn, N. Y.
 Schultz, Jacob P., 843 East Tenth Street, Brooklyn, N. Y.
 Selikoff, Solomon J., 81 Bay 22d Street, Brooklyn, N. Y.
 Shapiro, Louis, 2911 Barnes Avenue
 Siegel, Charles, 537 Miller Avenue, Brooklyn, N. Y.
 Silberman, David E., 1170 Sherman Avenue
 Silbermann, Carolyn, 428 East 140th Street
 Skluth, L. Herbert, 3521 DeKalb Avenue
 Smith, Sydney F., 1563 St. John's Place, Brooklyn, N. Y.
 Solomon, Stanley, 675 East 223d Street
 Stats, Daniel, 3045 35th Street, Long Island City, N. Y.
 Stempel, Bernard, 577 Ralph Avenue, Brooklyn, N. Y.
 Terowsky, Alexander, 1857 Park Place, Brooklyn, N. Y.
 Thomas, Alexander, 890 Elsmere Place
 Valenti, Frank D., 2134 LaFontaine Avenue
 Vinograd, Julia, 1845 Casino Place, Astoria, N. Y.
 Wachtel, Emanuel, 645 Alabama Avenue, Brooklyn, N. Y.
 Wagner, Rudolph, 320 Eastern Parkway, Brooklyn, N. Y.
 Weber, Mortimer W., 1696 Carroll Street, Brooklyn, N. Y.
 Weiss, Moe, 638 Warwick Street, Brooklyn, N. Y.
 Weiss, Mortimer, 490A Jefferson Avenue, Brooklyn, N. Y.

Witkow, Alexander, 702 Ocean View Avenue, Brooklyn, N. Y.
 Wolf, Bernard S., 1007 Flushing Avenue, Brooklyn, N. Y.
 Wolfman, Benjamin, 592 East 91st Street, Brooklyn, N. Y.
 Yablonsky, Max, 573 Hunterdon Street, Newark, N. J.
 Yoskalka, Jack S., 23 Schuyler Avenue, Newark, N. J.
 Young, Henry, 673 East 140th Street

FIRST YEAR (Class of 1937)

Agatston, Howard J., 2 West 87th Street
 Agushewitz, Haim, 1327 54th Street, Brooklyn, N. Y.
 Alpert, Elmer, 1327 Lexington Avenue
 Behrman, Howard T., 5203 15th Avenue, Brooklyn, N. Y.
 Bilotta, Walter, 568 18th Avenue, Brooklyn, N. Y.
 Blumen, David, 40 Monroe Street, Brooklyn, N. Y.
 Blumenfeld, Emanuel, 284 East 172d Street
 Broderick, Margaret, 18 Arthur Street, Yonkers, N. Y.
 Bruce, John S., 109-01 95th Avenue, Queens, N. Y.
 Bunkin, Irving, 653 Montgomery Street, Brooklyn, N. Y.
 Burns, Donald J., 273 Winyah Avenue, New Rochelle, N. Y.
 Canaan, Robert, 1415 57th Street, Brooklyn, N. Y.
 Casalaina, Sebastian F., 52 Columbia Street
 Catlaw, Joseph K., 54 Euclid Avenue, Hackensack, N. J.
 Cohen, Nathan A., 2111 82d Street, Brooklyn, N. Y.
 Cohen, Sidney M., 1441 53d Street, Brooklyn, N. Y.
 Davidson, Arnold, 2035 Powell Avenue
 DeHoff, John N., 146-05 32d Avenue, Flushing, N. Y.
 Diner, Morris, 1986 Prospect Avenue
 Dolan, William S. C., 222 Clerk Street, Jersey City, N. J.
 Donnelly, Henry P., 39-28 28th Street, Long Island City, N. Y.
 Dresner, Solomon, 24 Avenue O, Brooklyn, N. Y.
 Eckmann, Leonard M., 54 Fanshaw Avenue, Yonkers, N. Y.
 Efron, Benjamin, 31 South Clinton Street, Poughkeepsie, N. Y.
 Einterz, George F., 1504 White Plains Road
 Elek, Stephen, 325 East 80th Street
 Essex, Edward A., 88-38 71st Avenue, Glendale, N. Y.
 Fierst, Sidney M., 146 Powell Street, Brooklyn, N. Y.
 Finkelstein, Allen I., 511 Crown Street, Brooklyn, N. Y.
 Foley, Thomas F., 70 West 94th Street
 Frank, Howard A., 132 Lafayette Place, Woodmere, N. Y.
 Freedman, Bernard I., 5421 14th Avenue, Brooklyn, N. Y.
 Freund, Seelig, 1532 Minford Place
 Friedman, Barney M., 2155 Grand Avenue
 Friedman, Charles R., 21-62 36th Street, Astoria, N. Y.
 Friedman, Gerald J., 773 East 176th Street
 Friedman, Paul S., 315 East 18th Street
 Galdston, Morton, 1533 Bryant Avenue
 Gans, Robert W., 1610 Lincoln Place, Brooklyn, N. Y.
 Gawkowska, Irene, 206 East Ninth Street
 George, Almer T., Earlwood Drive, White Plains, N. Y.
 Gerson, Martin J., 1126 Sherman Avenue
 Gewanter, Aaron P., 203 Washington Park, Brooklyn, N. Y.
 Goldberg, Meyer H., 1670 Longfellow Avenue
 Goldstein, Nathan, 1504 St. John's Place, Brooklyn, N. Y.

Goodman, Stanley J., 337 Central Avenue, Jersey City, N. J.
 Greenberg, Milton, 1769 59th Street, Brooklyn, N. Y.
 Greenfield, Herbert, 218 Renner Avenue, Newark, N. J.
 Greenwalt, Tibor J., 1507 Popham Avenue
 Grimes, Martin O., 30 Young Street, Newport, R. I.
 Guthell, Louis E., 966 Trinity Avenue
 Haggerty, John J., 331 Second Avenue
 Hanlon, Joseph E., 1534 East 13th Street, Brooklyn, N. Y.
 Henig, Philip E., 1580 41st Street, Brooklyn, N. Y.
 Hirsch, Louis, 2055 Harrison Avenue
 Hymowitz, Jesse, 3733 Lyme Avenue, Brooklyn, N. Y.
 Isaacs, Jerome J., 592 Oak Terrace
 Jacobi, Bruce A., Barryville, N. Y.
 Jacobson, Edwin W., 1519 East Eighth Street, Brooklyn, N. Y.
 Jaffe, Matthew H., 337 East 30th Street
 Kahn, Sidney, 2865 University Avenue
 Kane, Irving J., 1571 Undercliff Avenue
 Kaplan, Eugene, 115-30 Park Lane, Kew Gardens, N. Y.
 Katz, Abraham, 502 Warwick Street, Brooklyn, N. Y.
 Kelly, Aloysius T., 33 Academy Place, Hempstead, N. Y.
 Kempner, Ivan, 1609 Union Street, Brooklyn, N. Y.
 Kremer, Herman S., 431 East 121st Street
 Knudsen, Arnold F., 563 78th Street, Brooklyn, N. Y.
 Kosowsky, Leo W., 52 Summer Street, New London, Conn.
 Krieger, George, 83 Westervelt Place, Passaic, N. J.
 Lasowitz, Samuel, 13 Russell Place, Brooklyn, N. Y.
 Lenkowski, William J., 7 Pond Street, Waterbury, Conn.
 Lifshitz, Philip, 36 Sickles Street
 Lo Presti, John P., 508 East 12th Street
 Lorde, Nathan H., 234 East Fifth Street
 Louderbough, Harry, Tenafly, N. J.
 Lovelock, Francis J., 342 East 12th Street
 Luger, Daniel, 2274 85th Street, Brooklyn, N. Y.
 McGoey, Charles J., 720 Central Avenue, Woodmere, N. Y.
 Madigan, Arthur R., 359 East 201st Street
 Mandel, Arnold, 1359 Lyman Place
 Megibow, Raymond S., 501 Palisade Avenue, West New York, N. J.
 Mermer, Irving J., 2341 63d Street, Brooklyn, N. Y.
 Meyersburg, Herman A., 241 Van Sicien Avenue, Brooklyn, N. Y.
 Michaels, Irving, 332 East 18th Street
 Michaelson, Jesse J., 225 Henry Street
 Miller, Henry N., 645 West 160th Street
 Mitchell, Nathan, 1526 55th Street, Brooklyn, N. Y.
 Mittleman, Amour, 110 New York Avenue, Brooklyn, N. Y.
 Morelli, Henry E., 2219 Kingsland Avenue
 Morris, Soli, 6 Essex Street, Salem, Mass.
 Mulholland, Herbert F., 1044 Hollywood Avenue, Far Rockaway, N. Y.
 Murray, Martin B., 52 Groveton Street, Springfield, Mass.
 Nitzberg, Charles, 670 Warwick Street, Brooklyn, N. Y.
 Oberle, Alvin H., 1786 Bathgate Avenue
 Obers, Samuel J., 1284 Grant Avenue
 Paster, Samuel, 2075 Daly Avenue
 Pearlman, Alexander W., 31 Prospect Park S. W., Brooklyn, N. Y.

Philips, Benjamin, 808 Adeo Avenue
 Pinsky, Abe, 2328 Bath Avenue, Brooklyn, N. Y.
 Powell, Fred N., 18 Maple Street, Oneonta, N. Y.
 Press, Edward, Englishtown, N. J.
 Rabiner, Murray, 1640 Ocean Avenue, Brooklyn, N. Y.
 Rackow, Lawrence L., 1014 East Seventh Street, Brooklyn, N. Y.
 Rinzler, Elliot, 156 Autumn Street, Passaic, N. J.
 Rinzler, Harvey, 156 Autumn Street, Passaic, N. J.
 Rosenfeld, Leonard, 1208 Eastern Parkway, Brooklyn, N. Y.
 Rosenthal, Murray I., 5103A Clarendon Road, Brooklyn, N. Y.
 Rothman, Milton, 2896 Eighth Avenue
 Rubin, Adrian S., 498 East 140th Street
 Rudoy, Martin, 69-12 Alameda Avenue, Arverne, N. Y.
 Sackler, Arthur M., 3618 Quentin Road, Brooklyn, N. Y.
 Salmeri, Edward J., 122 Columbia Street, Woodridge, N. J.
 Sarkis, John P., 558 Seventh Street, Brooklyn, N. Y.
 Schmerer, Frederick, 736 East 163d Street
 Schneck, Herman, 58 East Seventh Street
 Schneider, Irving M., 2364 Tiebout Avenue
 Schneider, Julius, 1630 Macombs Road
 Schnitt, Sidney, 1702 West Sixth Street, Brooklyn, N. Y.
 Schwarz, Leonard, 824 Maple Street, Brooklyn, N. Y.
 Skolnick, Herman, 2195 Walton Avenue
 Seidenstein, Harold, 48 Ellsworth Road, Larchmont, N. Y.
 Shepard, Marguerite D., 9 Chelsea Square
 Siegel, Frances, 2184 Muliner Avenue
 Siegel, Harold H., 22 Stratford Road, Brooklyn, N. Y.
 Siegel, Henry, 1537 Fulton Avenue
 Silberner, Herbert B., 493 Belmont Avenue, Newark, N. J.
 Silverman, Samuel, 657 West 161st Street
 Silverstein, Philip P., 1537 President Street, Brooklyn, N. Y.
 Skornick, Nathan H., 312 Schenectady Avenue, Brooklyn, N. Y.
 Smiley, Leonard V., 1018 East 163d Street
 Solomon, Walter, 1534 Union Street, Brooklyn, N. Y.
 Sonneborn, Walter M., 81 Sycamore Avenue, Mt. Vernon, N. Y.
 Spitzer, Lawrence L., 143 Buena Vista Avenue, Yonkers, N. Y.
 Stein, Lester, 365 New York Avenue, Brooklyn, N. Y.
 Steuer, Margaret V., 2438 Morris Avenue
 Stone, Samuel, 74 Van Cortland Park South
 Tabacknick, Samuel, 1810 Longfellow Avenue
 Talisman, Morton R., 280 Riverside Drive
 Turkel, Jacob H., 195 East 96th Street, Brooklyn, N. Y.
 Twohig, Daniel P., 719 Second Avenue
 Tyson, Mary C., 316 West 79th Street
 Venetsky, Louis, 3464 Knox Place
 Von Wedel, Hasson O., Ardsley-on-Hudson, N. Y.
 Wachtell, Sidney, 3265 Bainbridge Avenue
 Walsh, Joseph L., 135 West 94th Street
 Walsh, Richard J., 1425 East 24th Street, Brooklyn, N. Y.
 Weinberg, Sidney R., 2127 64th Street, Brooklyn, N. Y.
 Weinstein, Benjamin, 657 Crotona Park North
 Weinstein, B. Lewis, 100 Thayer Street
 Weiss, Leon, 2730 Sedgwick Avenue

Winters, Richard R., 112 Cohasset Street, Pittsburgh, Pa.
 Witten, Morris, 353 East 53d Street, Brooklyn, N. Y.
 Wolf, Gerard F., Park Crescent, Jamaica, N. Y.
 Zegelbaum, Manuel, 2007 Marmion Avenue
 Zimmerman, Solomon L., 8218 234th Street, Queens, N. Y.
 Zocks, Benjamin, 136-70 37th Avenue, Flushing, N. Y.
 Zucker, Gary, 1635 Popham Avenue
 Zydney, Jack K., 250 West 104th Street

SUMMARY OF ENROLLMENT

Fourth Year	112
Third Year	137
Second Year	119
First Year	159
Total	527

GIFTS AND BEQUESTS

NEW YORK UNIVERSITY IS PRIVATELY ENDOWED, nonsectarian, and coeducational. It derives its income from endowments, the gifts of its friends, and from student fees. Opportunities in great variety confront those who would like to associate themselves with the work of this urban and national institution. Above all, New York University stands in need of large additions to its unrestricted endowment.

Some of the most thoughtful of our philanthropists have entrusted for all time large sums to the care of New York University: Gould, Nichols, Straus, Sage, Baker, Kennedy, to mention only the donors of the larger gifts.

SUGGESTED FORM OF BEQUEST

I give and bequeath to New York University, a domestic corporation organized in the State of New York, by special Charter enacted on the 18th day of April, 1831, and amended on the 23d day of February, 1893, to be applied to the educational uses and purposes of said University and under its direction.

NEW YORK UNIVERSITY

☆☆☆

LIBERAL-ARTS COLLEGES

University College of Arts and Pure Science
Washington Square College

PROFESSIONAL SCHOOLS AND COLLEGES

School of Commerce, Accounts, and Finance
College of Dentistry
School of Education
*College of Engineering (including the Guggenheim School
of Aeronautics)*
College of Fine Arts
School of Law
University and Bellevue Hospital Medical College
School of Retailing

GRADUATE SCHOOLS

Graduate School (arts and pure science)
Graduate School of Business Administration

OTHER DIVISIONS

Institute of Education
Summer School
University Extension Division