







100th year of service

The Mount Sinai Hospital

1952



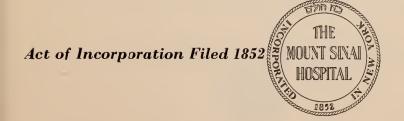
100TH ANNUAL REPORT

The

Mount Sinai

Hospital of the City of New York

1952



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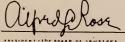
CENTENNIAL PROCLAMATION

Be it proclaimed that on this sixteenth day of January 1952 the mount sinal hospital of new york marks the hundredth anniversary of its incorporation.

In observance thereof, the Board of Trustees recalls the' spirit of charity of the Hospital Founders & the benevolence of the historic beginnings they wrought. Similarly the Board recalls with pride the achievements of other generations whose selflessness and vision helped elevate the Hospital to

its present state of eminence.

And in the new century we invoke the cooperation of all in strengthening the bonds between science and philanthropy for the advancement of medicine as a servant of mankind.



Cone J. Duthum



THE MOUNT SINAI HOSPITAL OF NEW YORK

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The Mount Sinai Hospital is a member of the Federation of Jewish Philanthropies of New York, and a beneficiary of its fund-raising campaigns. It benefits generously also from yearly grants from the Greater New York Fund and from the United Hospital Fund.



TWENTY-EIGHTH STREET BUILDING: 1855-1872

1852 • A CENTURY OF MILESTONES • 1952

- 1852 The Jews' Hospital in New York is incorporated for "benevolent, charitable and scientific purposes." Sampson Simson is the first President.
- 1855 The new Hospital is opened on May 17th, in a four-story building with 45 beds, at 138 West 28th Street, between Seventh and Eighth Avenues. The original Staff of ten men includes Dr. Valentine Mott and Dr. Willard Parker. In accordance with the usage of the period, there is no separation of Medical and Surgical Services, because surgery is not considered sufficiently important; nor are there any specialized services.
- 1856 In its first full year the Hospital cares for 225 patients. Operating expenses total \$5,493.
- 1862 The Hospital opens its wards to wounded Federal soldiers of the Civil War, installing additional beds and increasing its personnel for the purpose.
- 1866 To make it clear that the Hospital serves the community without distinction of race or religion, its name is changed to The Mount Sinai Hospital.
- 1868 The Ladies' Auxiliary Society is formed to assist in the work of the Hospital.
- 1872 The Hospital is moved into a new 3½-story building with a capacity of 120 beds, on Lexington Avenue from 66th to 67th Streets.

- 1872 The Medical Board and House Staff are organized at a meeting at the home of Dr. Willard Parker, who becomes first Chairman of the Board.
- 1872 The Hospital takes a bold step forward by appointing two women to professional positions—one to the House Staff and the other as Apothecary.
- 1873 The Outdoor Dispensary (Out-Patient Department) is formally established, with four divisions: Medical, Surgical, Gynecological, and Children's.
- 1877 Reflecting the advances in surgery and increase in surgical practice, the Hospital establishes separate in-patient Medical and Surgical Services.
- 1877 An in-patient Gynecological Department is established, headed by Dr. Emil Noeggerath, pioneer in the study of gonorrhea.
- 1878 Creating a precedent among New York hospitals, a separate service for in-patient care of children is established, through a legacy from Michael Reese of California. Dr. Abraham Jacobi heads this department.
- 1879 An Eye and Ear Service is organized, headed by Dr. Emil Gruening, who in 1888 performs one of the early mastoid operations in America.
- 1880 Dr. Arpad G. Gerster, early champion of Listerian surgery, is appointed Attending Surgeon.
- 1881 The School of Nursing is established, one of the country's pioneer nurses' training institutions. There are eight students when the School opens.
- 1883 Dr. Alfred Meyer begins the Hospital's Medical Library and looks after it for more than a decade when a Committee of the Medical Board is appointed to develop it further as the future Abraham Jacobi Library.
- 1883 The Hospital building is enlarged to a capacity of 190 beds, and an isolation building is added. Space for private patients is increased, indicating the emergence of the modern hospital as a medical center for all instead of an institution for the poor only.
- 1883 Dr. Edward Gamaliel Janeway, one of the great diagnosticians of his time, is appointed to the Staff.
- 1886 The Hospital grants its diploma to Dr. Josephine Walter, first woman in America to serve a formal internship.
- 1886 To relieve overcrowding of the Hospital and to care for patients who can be treated at home, a District Medical Service is organized, first of its kind in the city.
- 1890 The Out-Patient Department is greatly expanded, housed in a new building. Neurological, skin, and venereal disease clinics are established.
- 1893 The Laboratory is established, housed in a cloak room "not much larger than a bird's cage."
- 1895 The Genitourinary Service is established, with Dr. William F. Fluhrer as its first chief.

- 1900 The Hospital purchases its first X-ray machine.
- 1901 The cornerstone of the present group of hospital buildings is laid on May 22nd with Mayor Seth Low among the distinguished participants. The original ten buildings have a bed capacity of 456.
- 1904 The new Hospital buildings are dedicated on March 15th.
- 1905 A Department of Dietetics is established.
- 1906 The Social Service is formed, one of the earliest hospital services of this type in the country.
- 1909 An independent Otological Service is established.
- 1910 The Dental Department for in-patients is established—extended to the Out-Patient Department in 1925.
- 1910 The Hospital begins post-graduate medical instruction. Under-graduate medical instruction to students attending two of the city's medical schools had preceded it by several years.
- 1913 A large building program is initiated. Funds are collected for the Children's Pavilion and Dispensary, Private Pavilion, Laboratory Building, Director's Home, and Employees' Dormitory.
- 1916 Mount Sinai organizes Base Hospital No. 3 of the United States Army Medical Corps. In 1918, 24 physicians, 50 nurses, and 153 enlisted personnel serve with this Unit at Vauclaire, France.
- 1916 The Social Service Auxiliary is formed by women volunteers who attend to many wants of convalescent patients and of patients' families.
- 1917 The Federation for the Support of Jewish Philanthropic Societies is organized, with Mount Sinai as one of its constituents.
- 1920 The Psychiatry Clinic, one of the earliest in a general hospital, is established.
- 1922 The Private Pavilion, the Children's Pavilion, and the Blumenthal Auditorium are opened.
- 1924 The Occupational Therapy Department is established.
- 1925 A beginning is made toward establishment of an endowment fund for support of medical research, hitherto precariously dependent on occasional donations.
- 1927 The new building of the School of Nursing is completed, accommodating 476 residents.
- 1931 The Consultation Service is established, providing diagnostic service by specialists for patients of moderate means referred by their own physicians.
- 1931 The Semi-Private Pavilion is opened, increasing the capacity of the Hospital to over 800 beds. Group nursing, providing 24-hour nursing care at a much reduced cost, is introduced in this Pavilion.

- 1932 A separate Neurosurgical Service is created.
- 1933 To keep up the morale of convalescent patients, unemployed because of the depression, the Social Service Workroom is established.
- 1933 The Out-Patient Department building is modernized.
- 1934 The Journal of The Mount Sinai Hospital is established. It is distributed to universities and medical libraries throughout the world.
- 1935 The Medical and Surgical Pavilions are modernized.
- 1936 The Neustadter Home in Yonkers is affiliated with the Hospital as its institution for convalescents.
- 1936 The Isolation Ward is rebuilt and becomes the first in the city approved by the Department of Health for private patients.
- 1938 The Blood Bank is established under the direction of the Department of Hematology.
- 1939 Radiotherapy is separated from Roentgenology and established as an independent department.
- 1940 The Third General Hospital of the United States Army is organized at the invitation of the War Department.
- 1940 The Hospital collects blood plasma for Britain from volunteer donors. At the close of 1944, over sixteen thousand people had volunteered as donors to the Hospital's own Blood Bank.
- 1942 The Third General Hospital of the United States Army is activated and leaves in 1943 for service in North Africa, Italy, and France.
- 1943 Semi-Private facilities are provided for children.
- 1944 The Greater Mount Sinai Development Fund is initiated for a post-war building and research program.
- 1944 Full-time positions are created in the Hospital for a Director of Medical . Education and a Director of Clinical Research.
- 1945 The Third General Hospital returns from duty overseas.
- 1945 A separate Psychiatry Service is established and a full-time position is created for a Psychiatrist to the Hospital.
- 1946 Physicians, nurses, employees, and trustees who had served with the Armed Forces numbered nearly 900 before the end of hostilities.
- 1947 A separate Psychiatric Ward is opened.
- 1948 Greater Mount Sinai Hospital Development building program is initiated. Ground broken for three buildings the Maternity Pavilion, the Central Laboratory Building and the Berg Institute of Research, and work is begun on central kitchens.

- 1949 The Hospital appoints its first full-time Chief of Pediatrics and a new Pediatric Laboratory is built with funds of the Dorothy H. and Lewis Rosenstiel Foundation.
- 1950 The Board of Trustees creates the position of full-time surgeon and full-time neuropathologist.
- 1951 Exterior construction is completed of the Maternity Pavilion, Atran Laboratory and Berg Institute of Research.
- The Hospital marks the hundredth anniversary of its incorporation. (See The Report of the President.)

The Hospital dedicates the Magdalene and Charles Klingenstein Maternity Pavilion, the first in its history, the Atran Laboratory Building and the Berg Institute of Research.

The Prenatal Clinic enrolls its first patients in July and the first maternity cases are admitted in October.

Dr. Mark M. Ravitch is appointed full-time Surgeon to the Hospital, filling for the first time a position created in 1950 by the Board of Trustees. Dr. Alan F. Guttmacher is appointed full-time Obstetrician and Gynecologist to the Hospital.

STATISTICAL SUMMARY

Year	Patients Treated in Hospital	Hospital Days	Consultations in Out-Patient Department †	Total Disburse- ments for All Maintenance and Non-Budgetary Purposes (Non-Capital)
1857	216	6,048*	None	\$9,000.00
1860	297	8,316*	None	14,000.00
1870	663	18,564*	None	20,000.00
1880	1,474	43,164	9,922	44,376.10
1890	2,862	65,255	43,560	100,000.00
1900	3,145	75,113	86,431	135,272.00
1910	7,613	149,198	115,726	410,000.00
1920	9,548	146,841	173,682	899,704.97
1930	12,179	193,482	222,489	1,785,244.23
1940	17,275	236,851	357,5 ⁶ 7	2,398,595.02
1950	15,257	229,808	236,185	5,528,873.40
1951	15,455	226,765	207,338	6,374,871.49
1952	15,776	223,514	198,265	7,348,828.93

^{*} Estimated.

⁺ Does not include visits to the Emergency Department or to the Consultation Service.

STATISTICS

For the Year Ended December 31, 1952* And the Year Ended December 31, 1951

HOSPITAL PATIENTS—GENERAL	WARDS	AND	PRIVATE	ROOMS
			1952	1951
Patients in Hospital at beginning of yea	r ¹		553	533
Patients admitted during year 2			15,223	14,922
Total number of patients treated in H	ospital durin	ig year		
(Emergency Ward not included)			15,776	15,455
Remaining in Hospital at end of year 1			611	553
Patients treated in Emergency Room (37,671	35,305
Total number of patients admitted since				
founded			650,564	635,341
Patients discharged during year			15,165	14,902
Patients died during year			727	647
Average number of patients per day			611	621
Average Hospital days per patient			14.1	14.7
Mortality Rate for the year (all deat			·	
which occurred on day of admission)		4.8%	4.3%
NEWBORN				
Births			170	
				• •
Discharges	• • • • • • • • • • • • • • • • • • • •		134	• •
Deaths		• • • • • •	2	• •
Remaining in Hospital at end of y	ear	• • • • • •	34	• •
Distribution of Days of Hospital care				
for the years:	1952		19	51
	No. of Days	; %	No. of D	ays %
General Wards—free to patients	52,163	23.34	56,620	
General Wards—part free to patients	73,149	32.73	73,897	32.59
Semi-Private Pavilion patients	58,706	26.26	50,797	22.40
Private Pavilion patients	38,380	17.17	45,45	20.04
Semi-Private Maternity patients	594	.27		• • • •
Ward Maternity patients	522	.23	• • • •	• • • •
	223,514		226,765	5

^{*} On November 1, 1952, one floor of the Klingenstein Maternity Pavilion was opened to receive Semi-Private and Ward Maternity Patients.

1 Midnight Census

² Excluded internal transfers between Private, Semi-Private and Ward Services

⁸ Includes emergency dental treatments reported also in Dental Department Statistics

Percentage of total number of patients treated in various divisions:		2	1951	
	Patients		Patients	
	Treated	%	Treated	
General Wards	7,068	44.53	7,293	46.40
Semi-Private Rooms	5,099	32.13	4,464	28.40
Private Rooms	3,505	22.08	3,962	25.20
Semi-Private Maternity Rooms	106	.67	5,902	25.20
Ward Maternity		,		
	93	·59 -		• • • •
Total	15,871		15,719	
Disposition of applications received during			1952	1951
Admitted to General Wards as free	to patients4		5,459	5,775
Admitted to General Wards as part			1,281	1,226
Admitted to Semi-Private Rooms at	rate below	cost ⁴	4,972	4,327
Admitted to Private Rooms ⁴			3,407	3,858
Admitted to Semi-Private Maternity	Rooms		106	
Admitted to Ward Maternity			93	
Not admitted for various reasons (w	ard applica	tions)	2,160	1,904
Total Applications			17,478	17,090
OUT-PATIENT DEPAR	KIMENI	S1A11S.		
Tr. 4. 1. X71. 145			1952	1951
Total Visits ⁵	• • • • • • • • • •	• • • • • • •	236,405	242,643
Total prescriptions			160,633	161,819
Patients new in year			7,630	6,974
Patients from past years			9,170	11,781
Total individuals			16,800	18,755
Out-Patient Department days			294	294
Daily average prescriptions			545	550
Daily average consultations			803	825
Average daily attendance of physicians			138	143
Average daily attendance of nurses			28	26
Maximum consultations on any one day.			859	958
Maximum prescriptions on any one day.			994	886
PRE-NATAL CLINIC STATISTICS **				
			1952	1951
Total number of patients			286	
Total number of visits			1,124	

⁴ Not adjusted for 95 internal transfers (1952) and 264 internal transfers (1951) between Private, Semi-Private and Ward Services

⁵ Includes emergency visits by out-patients to Accident and Emergency Room.

^{**} On July 28, 1952, the Pre-Natal Clinic was opened to care for Ward maternity patients.

DEPARTMENT OF LABORATORIES

Examinations

AC 121	1952	1951
Microbiology	33,757	31,590
Surgical Pathology and Morbid Anatomy: Examinations of operative specimens	- 6	00
Post Mortem examinations	7,633	8,278
Chemistry	349	322
Clinical Microscopy and Hematology	75,658 146,977	65,241 144,077
Endocrinology	1,058	1,047
Blood Bank	125,069	131,991
Volunteer donors	4,449	5,203
Transfusions given with stored blood	8,792	8,871
S .	,,,	, ,
LABORATORY FOR BASAL METABOLISM		
(Hospital Laboratory) ⁶		
	0 .	
Total number of examinations	. 855	694
Department of Radiology		
Radiography:		
Number of examinations	41,227	40,127
Number of films taken	134,177	124,893
Number of fluoroscopic examinations	5,801	6,170
•	<i>y</i> ,	
Radiotherapy Department		
New cases	452	343
Treatments:	T)-	ЭТЭ
Radiotherapy	7,749	7,762
Radium	93	68
•		
Total	7,842	7,830
Number of examinations	3,995	4,216
Total number of visits ⁷	11,837	12,046
2000 1000 1000 1000 1000 1000 1000 1000	,03/	,040
Department of Physical Medicine		
(Hospital and Out-Patient Department)		
* * *	= T 226	
Total number of treatments for year	51,330	50,311

⁶ OPD examinations reported in OPD statistics. 7 Includes 9,066 visits in 1952 and 8,358 visits in 1951 which are reported in OPD consultations.

DEPARTMENT OF DENTAL AND ORAL SURGERY

(Hospital and Out-Patient Department)

Total number of visits ⁸	1952 10,936 18,245	1951 11,295 16,526 106
Electrocardiography Laboratory		
Total number of examinations	8,696	8,553
Electroencephalography Laboratory		
Electroencephalograms	1,237	1,207
Consultation Service		
Patients admitted	2,667	2,866
Referring doctors	1,266	1,710

FOLLOW-UP CLINICS

	No. of Clinic	No. of App	pointments	Cases	Referred for Further	Referred for Re-Ad-
	Sessions	Given	Kept	Closed	Treatments	mission
1952	359	10,945	6,598	482	1,147	247
1951	362	12,271	7,185	589	1,415	236

OCCUPATIONAL THERAPY DEPARTMENT

Visits to shop and bedside visits: Functional visits Diversional visits		
Total visits	11,363	7,507
New patients treated	542	289

⁸ Include emergency ward visits.

THE REPORT OF THE PRESIDENT

It is a happy occasion for me to be able to report continued progress at the end of a year which marked the completion by the Hospital of a century of service to the community. This progress was all the more gratifying because it showed that the charitable impulses of that segment of our population which has traditionally befriended Mount Sinai at great moments in the past are now more steadfast than ever in support of the Hospital's great purpose. This steadfastness is the main strength that has enabled the Hospital not only to maintain, but to expand, its services to the sick, while at the same time contributing in such large measure to the brilliant advances in medical science.

There could hardly have been a more felicitous coincidence in Mount Sinai's history than the occurrence precisely during the year's contennial observance of the dedication of the major units of the Hospital's largest expansion since its founding in 1852. In ceremonies on May 23 witnessed by more than 600 friends of the Hospital, most appropriately in the gardens between the old and new building compounds, the Magdalene and Charles Klingenstein Maternity Pavilion, the Atran General Laboratory and the Berg Institute of Research were humbly dedicated to serve all. Governor Thomas E. Dewey and Mayor Vincent R. Impellitteri headed the participating dignitaries. The Governor and the Mayor, in their addresses, stressed the important contribution of Mount Sinai Hospital to the well-being of the people and to medical science.

The centennial celebration, which had begun with a token birthday party, the fixing of anniversary flags to Hospital masts and the publication by the press of historical stories on January 16, the date of our incorporation, was resumed in November with three memorable events. On November 13, some 1,300 men and women gathered at the Waldorf-Astoria to honor Mount Sinai at the Centennial Dinner. In addition to the Governor, who again favored us with his presence and a distinguished address, we were privileged to have with us as a principal speaker Dr. Arthur H. Compton, Chancellor of Washington University in

St. Louis and a Nobel Prize-Winner in Physics.

During the month, Random House published the full-length volume, "The First Hundred Years of the Mount Sinai Hospital of New York," by Dr. Joseph Hirsh and Beka Doherty. Although the book, which was well received by reviewers, was made available by the publishers through commercial book channels, the Hospital distributed a great number of copies as anniversary gifts to friends and arranged for additional copies to be had by appropriate libraries, schools and societies.

The final event, and a most memorable one, was a scientific symposium on "Medicine and Society" held in the Blumenthal Auditorium on the weekend of November 29 and 30, in which nine distinguished leaders in various fields of medicine participated. The participants, who gave papers of enduring stature, were: Dr. Richard H. Shryock, director of the Institute of the History of Medicine, Johns Hopkins University; Dr. Paul A. Weiss, professor of zoology, University

of Chicago, and chairman, Committee on Developmental Biology, National Research Council; Dr. Eli Ginzberg, professor of economics, Graduate School of Business, and director, Conservation of Human Resources, Columbia University; Dr. George Baehr, of our consulting staff; Maj. Gen. George E. Armstrong, Surgeon General, U. S. Army; Dr. Leonard Scheele, Surgeon General, U. S. Public Health Service; Dr. William C. Menninger, the psychiatrist; Dr. Austin M. Brues, director, the Division of Biological and Medical Research, Argonne National Laboratory; and Dr. Alan Gregg, vice president of the Rockefeller Foundation. The collected papers were prepared for early publication in a special issue of *The Journal* of The Mount Sinai Hospital.

On April 28, the new Receiving Department, kitchens and cafeteria were opened for regular service. The old receiving rooms, kitchens and staff and employees dining rooms had been located in scattered areas and the relocation of all of these facilities was accomplished without interruption to the orderly functioning of the Hospital. Some conception of the administrative planning and direction that accomplished this change-over can be gained from the fact that on the first day, in addition to serving the usual meals to patients in the Private Pavilion, Semi-Private Pavilion and Wards, there were served in the newly-opened cafeteria, for staff and employees alone, approximately 2,200 meals. The cafeteria afforded the Hospital its first opportunity to meet the oft-repeated request by employees that they be permitted to buy meals of their own selection at reasonable prices, rather than have set meals as a perquisite.

A further transition occurred on June 17 when 121 patients, with their belongings, were transferred from the Private Pavilion to the Klingenstein Pavilion in a three-hour period without any inconvenience. The relocation was made necessary because "The Greater Mount Sinai Program" included renovation of the Private Pavilion, which could only be begun after the building had been vacated. On the same day there was opened to the public on the lobby floor of the Klingenstein Pavilion, the Hospital's first Gift Shop, which is being staffed

by volunteers and operated by our Social Service Auxiliary.

On July 28, the first stage in the activation of the Hospital's full-scale maternity program materialized with the opening of the Prenatal Clinic for women unable to provide for private medical care during pregnancy. The first obstetrical cases were admitted in late October, but only one floor was available to maternity patients pending the re-opening of the completely renovated Private Pavilion.

On August 26, the Hospital opened its first restaurant for visitors which is known as The Coffee Shop and is located adjacent to the cafeteria. The establishment of this handsome facility afforded the Hospital its first opportunity to fulfill a long-standing demand by visitors that they be permitted to dine within the Hospital, rather than to go out to some neighborhood restaurant, and also to offer to employees and others within the Hospital a snack bar and soda fountain for between meal refreshment.

The American College of Physicians and Surgeons invited the Hospital to conduct in October its annual cardiology course for graduate physicians. The

Hospital was particularly gratified at this invitation because it is only rarely that a non-university Hospital is privileged to conduct such a course. The course dealt with recent trends in the diagnosis and treatment of cardiovascular diseases and was held in the Blumenthal Auditorium under the direction of our Dr. Arthur M. Master and Dr. Charles K. Friedberg. The attendance was 150, comprising doctors from 29 states and Canada.

With deep regret, I report the following losses through death to the Hospital and its Medical Staff:

Dr. Harry E. Ehrlich, Associate Surgeon for head and neck surgery, died on July 31. Dr. Ehrlich became a member of the staff on April 28, 1947, and had served continuously and with distinction until his unfortunate death.

On November 19, death claimed Dr. Joseph H. Globus, Consulting Neurologist and Consulting Neuropathologist to the Hospital, who had served loyally and continuously for 31 years. Dr. Globus had also been the founder of *The Journal* of The Mount Sinai Hospital and remained its editor to his death.

Dr. David Poll, Consulting Physician to the Hospital, died on December 24. Dr. Poll began his service to the Hospital on the House Staff in 1911 and subsequently served on the Medical Staff until the age of retirement when he became

a Consulting Physician.

Other physicians were lost to the Hospital through resignation, most notably Dr. Isidore Snapper, Physician to the Hospital and Chief of the Second Medical Service, who resigned on November 1 to become Director of Medical Education at Cook County Hospital, Chicago. Dr. Snapper, who was one of the first full-time members of the clinical staff, rendered most valuable service to the Hospital and contributed greatly to the reorganization and improvement of the post-graduate education program. Upon his departure he was named Consulting Physician to the Hospital. Dr. Mack Lipkin, Adjunct Physician for Psychosomatic Medicine, and Dr. Leo A. Spiegel and Dr. Daniel M. Lipshutz, Adjunct Psychiatrists, also resigned.

There were many promotions and new appointments to the Medical Staff, two of which merit special comment. With the organization for the first time in the Hospital of a complete obstetrical service to be housed in the new Klingenstein Pavilion, it was believed advisable that so important a service should be directed by a full-time physician of high repute, and Dr. Alan F. Guttmacher, an Associate Professor at the Johns Hopkins Medical School, was invited to become the Director of Obstetrics and Gynecology. Fortunately, Dr. Guttmacher accepted the position and began his services on July 1. In the subjoined list that follows of promotions and changes, many will be described as on the "Obstetrical and Gynecological Service," thereby indicating that the Service was fully organized during the year.

The Hospital, it is well known, has been fortunate for many years in having skilled and distinguished men directing and staffing its surgical services, whose achievements have brought great honor to Mount Sinai. It was long felt, however, that the creation of a new position of Director of Surgery on a full-time basis to reorganize and direct surgical service, education and research would be of great value to the Hospital. Both surgical education and research involve, among other

factors, the assignment and reassignment of members of the Surgical Services and the House Staff to carefully planned tours of duty which will be of increased benefit to patients and staff members. It was felt that such a position required a surgeon of established clinical eminence to work with the existing chiefs. The position was offered to Dr. Mark M. Ravitch, Associate Professor at the Johns Hopkins Medical School, who accepted and assumed his duties here on November 1.

Dr. M. Murray Peshkin, who for many years had served as Associate Pediatrician for Allergy, reached the age of retirement and was elevated to the position

of Consulting Pediatrician for Allergy.

Other appointments were as follows: Dr. David Adlersberg and Dr. Henry Dolger, Associate Attending Physician for Metabolic Diseases; Dr. Harry E. Ehrlich, Associate Attending Surgeon for Head and Neck; Dr. Benno Schlesinger and Dr. Emanuel H. Feiring, Associate Attending Neurosurgeon; Dr. I. S. Freiman and Dr. Milton R. Sapirstein, Associate Attending Neurologist; Dr. Alfred E. Fischer and Dr. Sidney Blumenthal, Associate Attending Pediatrician; and Dr. Arthur M. Davids, Dr. Joseph A. Gaines, Dr. Emanuel Klempner, Dr. Harold Speert, Dr. Robert I. Walter and Dr. Seymour Wimpfheimer, Associate Attending Obstetrician and Gynecologist.

Also, Dr. Morris Bien and Dr. Philip A. Lief, Associate Attending Anesthetist; Dr. Lotte Strauss, Associate Pediatric Pathologist (full-time); Dr. Jacques L. Gabrilove, Dr. Alvin J. Gordon, Dr. Ezra M. Greenspan and Dr. Jonas H. Siroto, Assistant Attending Physician; Dr. Arthur Grishman, Assistant Attending Physician for Cardiology; Dr. Henry D. Janowitz, Assistant Attending Physician for Gastroenterology; and Dr. Milton H. Levy, Assistant Attending Physician for

Gastroenterology and Gastroscopy.

Also, Dr. Arthur J. Barsky, Associate Attending Surgeon for Plastic Surgery; Dr. Eugene W. Friedman, Assistant Attending Surgeon for Head and Neck Surgery; Dr. Leonard I. Malis, Assistant Attending Neurosurgeon; Dr. Howard P. Krieger and Dr. Morton Nathanson, Assistant Attending Neurologist; Dr. Alfred T. Corvin, Assistant Attending Psychiatrist; and Dr. Howard G.

Rapaport, Assistant Attending Pediatrician for Allergy.

The following were appointed Assistant Attending Obstetrician and Gynecologist: Dr. Bernard Berglas, Dr. Hilliard Dubrow, Dr. William A. Epstein, Dr. Arnold N. Fenton, Dr. Robert Landesman, Dr. Louis S. Lapid, Dr. Nathan Mintz, Dr. Norman Pleshette, Dr. Charles S. Poole, Dr. Eugene N. Scadron, Dr. Myron E. Steinberg, Dr. Melvin L. Stone, Dr. Irwin Weiner and Dr. David Zakin.

REGRET to announce the resignations from the Board of Trustees of Harold D. Wimpfheimer, who had served as a Trustee for 22 years; Walter S. Mack, Jr., who had served 19 years; and Richard E. Deutsch, five years. All three found it necessary to resign because of removal of residence from the city or the pressure of business affairs. Their loss is regretted by the entire Board, which extends to them its thanks for their many years of service and loyalty.

I am pleased to announce the election to the Board of Robert K. Haas, William D. Scholle and William J. Kridel to serve for a term expiring in 1954,



Harold C. Mayer to serve for a term expiring in 1955, and Murray M. Rosenberg

to serve for a term expiring in 1956.

On behalf of the Board of Trustees of the Hospital I express the thanks of the Hospital to the many generous donors for their contributions toward the joint solicitation of the Mount Sinai and Montefiore Hospitals Building Completion Fund which was instituted during the year in aid of new buildings each institution had under construction.

Owing to the substantial enlargement and reorientation, there were a number of changes in the administrative staff. William L. Agress, assistant director, resigned after three years and was succeeded by Dr. Max Fuchs, who was appointed administrative assistant in charge of the Out-Patient Department. Leonard J. Zimmermann, controller, resigned and was succeeded by Louis A. Rems. Andrew Mezei was promoted from laundry supervisor to administrative assistant in charge of the Klingenstein and the Private Pavilions. Mrs. Goldie Bromberg was appointed director of volunteers. Jay Decatur was named director of food services.

Dr. Paul Klemperer, Dr. Gregory Shwartzman and Dr. Sadao Otani marked the twenty-fifth anniversary of their service to the Hospital and, having earned the esteem and affection of the Medical Staff and Board of Trustees, were

tendered a fitting testimonial dinner at the Waldorf-Astoria.

For loyal and efficient service to the Hospital for twenty-five years, the following employees were awarded the traditional gold pin and \$100 gift: Miss Helen Somers, chief dietitian; Miss Ruth Clements, assistant chief dietitian; Miss Adarian Rorick, operating room nurse; Harry Markowitz, assistant director; Andrew Mezei, administrative assistant; Victor Rogin, chief apothecary; Ashford K. Spencer, chief operating engineer; and A. J. Dolan, assistant chief clerk and auditor.

The extent of the Hospital's research is given in detail in the reports of the laboratories and professional services. The few that I list below were chosen merely to show at a glance the scope of our investigative endeavors.

An evaluation of parenteral fructose therapy in diabetic coma was begun and early results indicate that such treatment may be of value in restoring the patient more quickly to a normal physiologic state.

A laboratory was opened for the application of spatial vectorcardiography to the

study of clinical and physiologic problems of heart disease.

New criteria have been established for the normal range of blood pressure, and intensive studies have been in progress on the clinical use of the newer antihypertensive drugs.

Further investigations were continued on the effects of the corticosteroids on experimental poliomyelitis; also on the shifts within the body of water and electrolytes during the course of clinical and experimental poliomyelitis.

A new diagnostic test for myasthenis gravis employing "Tensilon" was developed

in the myasthenis gravis clinic.

Techniques have been developed for the early detection of peripheral vascular disease in diabetes mellitus.

A carbonic anhydrase inhibitor, 6063, has been used as an oral diuretic in the treatment of congestive heart failure.

Studies have continued on the effect of uricosuric agents on the tubular reabsorption of urates and also on the evaluation of various drugs in the prevention and treatment of gout.

My report covering a year in which so much was accomplished would be incomplete did I not express the warm thanks of the Hospital to the Federation of Jewish Philanthropies, and to its many workers, for the great assistance they rendered to the Hospital in its solicitation for capital funds. It is, I believe, generally known that were it not for the substantial financial help which the Hospital annually receives from the Federation its service to the needy sick would be substantially curtailed. Therefore, in addition to the thanks for its aid in obtaining capital funds, I add the Hospital's warm appreciation for its contribution towards our operating costs.

I also express our gratitude to the United Hospital Fund, Greater New York Fund, the Associated Hospital Services, the City of New York and to all others who by their contributions have helped support the Hospital's charitable and

scientific work.

Needless to say, the functions so generously supported by these groups and individuals could not be carried on without the skillful, loyal and devoted service of the administration, under Dr. Martin R. Steinberg, our director, the professional staffs, the School and Department of Nursing, the Neustadter Foundation, Social Service, and the many departments and individuals whose combined efforts keep the Hospital progressing in its purpose. To them and to each of them I express the Hospital's thanks.

And last, but by no means least, we are deeply indebted to the Board of Trustees, not only for the time and effort selflessly devoted to the myriad of problems that arose during the year, but equally for their important financial help

and wise leadership.

Alfred L. Rose, President

THE PROFESSIONAL SERVICES

DEPARTMENT OF MEDICINE

N November 1, after Dr. I. Snapper, since 1944 chief of the Second Medical Service and director of Medical Education, left to become director of Medical Education at Cook County Hospital, Chicago, the First and Second Medical Services were consolidated to form a Department of Medicine under a single, full-time director. This unified administrative responsibility will help to make fuller use of the total resources of our medical facilities for care of patients,

training of professional personnel and the conduct of research.

The new Department of Medicine, as constituted, is very large. Its responsibilities include the professional care of four medical wards comprising approximately 150 beds for in-patients, and a large out-patient population served by 16 clinics; the training of a House Staff of 24 interns, 16 assistant residents and four residents; direction of the activities of some 60 members of the in-patient professional staff and almost 200 members of the out-patient professional staff; and supervision of the expanding departmental research and post-graduate educational programs.

To discharge these formidable responsibilities properly required delegation of more authority to members of the Staff than was customary in the past. To this end, a new table of organization was proposed, based on a scheme of operation in leading university hospitals and which on a smaller scale had been employed

successfully for the past two years on the First Medical Service.

The plan, as regards care of in-patients by the staff, calls for the operation of the medical wards by attending physicians, associate attending physicians and assistant attending physicians, all under the general supervision of the Director of Medicine. The basic aims are to provide patients with the most expert and experienced medical skills available and also to afford our more promising younger

physicians maximum opportunity for medical ward responsibility.

To achieve these aims a system of rotation of ward responsibility was instituted, so arranged that at least one physician of senior rank is always in attendance and yet, by appointing personnel of different backgrounds and special interests to constitute each team, the younger physicians are able to contribute significantly to patient care and House Staff instruction. In the short period of the plan's operation, it has already become apparent that both aims can be substantially accomplished.

For further coordination of effort, staff conferences attended by all members of the Attending and House Staff were held twice monthly to discuss problems

of administrative and professional interest.

Patient Care—In 1952, 1,564 patients were admitted to the medical wards. The average stay per patient was 26.7 days, for a total of 41,846 hospital days. Every effort was made to maintain high standards of professional care for patients

by preserving the Hospital's fine tradition of bedside medicine, supported and amplified by the application of new methods of diagnosis and treatment made

available by current laboratory research here and elsewhere.

In addition, patients had free use of consultations by other clinical services and the full cooperation of laboratory and other ancillary services. More attention was given to softening the austerities of ward routine for the patients by instituting one of the first regular recreational programs to be introduced into a hospital for acute diseases. This innovation is described in more detail in the report in this book of the Social Service Auxiliary.

Training of Professional Staff—Our professional training program is designed to meet the needs of several categories of physicians. The most intensive teaching is at the House Staff level. Interns, according to the current rotational schedule, spend four months in the Department of Medicine—two on a male ward and two on a female ward, working with a completely different ward team to assure a maximal number of teaching contacts; and another month in Reception, which

provides chiefly medical experience.

Assistant residents spend six months on the medical wards (three on a male ward, three on a female ward, with a different Attending Staff), three months in the Private and Semi-Private Pavilions, and three months in a specialty they choose. Residents work in teams of two, interchanging responsibilities on a male and female ward. The four residents meet three times weekly with the Director of Medicine to coordinate medical care and administrative procedure on the several wards.

House Staff instruction by the Attending Staff emphasizes bedside medicine, the problems of diagnosis and management. There is also clinical laboratory instruction, elucidation of mechanisms of disease by the Attending Staff and research teams, an organized teaching program by members of the Departments of Roentgenology, Electrocardiography and Psychiatry, and work in a follow-up clinic for observation of discharged patients. The House Staff participates in clinical-pathological conferences, grand rounds and other exercises, and in the new weekly House Staff conference supervised by the Director of Medicine. Positions on the House Staff continued to be in great demand.

Fellows in medicine, cardiology and hematology are assigned for training in fields of special interest to them at the assistant residency level. A number of research fellowships in medicine are awarded annually to provide opportunities

in research for young men selected chiefly from the House Staff.

Another category of physicians is made up of the many young men who have completed their formal residency training and embarked upon part-time research work to round out their careers as practitioners. A year ago many such men were invited to participate in ward rounds for a month or two and the program proved so successful that it has become a regular part of our professional training program. Selected members of the Out-Patient Department in rotation are also afforded this opportunity for further training and better liaison between the in-patient and out-patient staffs.

The Attending Staff represents a third important group of physicians to whose further development much attention was paid in the past year. The new rotation system was carefully worked out to delegate more ward responsibility to members of the Attending Staff, and more active participation in research, teaching and conferences.

The postgraduate teaching program for non-staff physicians of the community, in the form of clinical-pathological conferences, grand rounds, clinical

conferences and stated lectures, was continued, with good attendance.

The organized postgraduate teaching courses, in affiliation with Columbia University, fell off in attendance with the exception of some courses, notably electrocardiography. It was evident that reorganization of these courses was necessary to bring them into closer touch with present-day needs for postgraduate training. A start in this direction was made by initiating a short, intensive course on recent trends in the diagnosis and treatment of cardiovascular disease, conducted under the aegis of the American College of Physicians. This course, which was given for the most part by members of our own staff but included distinguished workers in the field from other hospitals, was oversubscribed and conspicuously successful.

Undergraduate teaching in the Department of Medicine is limited to a two-month course given in the summer. This course integrates work on the medical wards with an organized didactic teaching program. There was last year a full quota of students, representing six medical schools, and our efforts appeared to be greatly appreciated. It is hoped gradually to extend undergraduate

teaching throughout the year.

A significant development of the past year was the increased utilization of private and semi-private patients for more and better organized instruction of the House Staff. This was accomplished through the cooperation of physicians making use of the facilities on the medical wards for care of patients under the semi-private inclusive rate plan and by the voluntary collaboration of physicians and patients in the Private and Semi-private Pavilions. It became apparent that this kind of cooperative effort, properly safeguarded, was also advantageous to

the patient and the referring physician.

Research—Much time and effort was expended in reorganizing and coordinating the many research programs of the members of the Department of Medicine. Many conferences were held with the investigators, and exchange of ideas and methods was stimulated. Laboratory space continued to be very limited since the new Berg and Atran laboratory facilities were not avaidable during the year and provision for additional space and apparatus for cardiovascular, pulmonary, metabolic and arthritic investigation was still in the formative stage. Nevertheless, a great deal of research was accomplished and much of it found immediate application to patient care.

More than 80 publications, including several books and monographs, appeared from the Department of Medicine in 1952. In addition, members of the Department were invited to lecture at medical society meetings and in medical schools and hospitals in various parts of this country and abroad. Some of the invitations were in the nature of honorary lectureships. Representatives of the Department

also exhibited their work at several medical conventions, three such exhibits

winning prizes.

Of the varied research activities of the past year, mention can be made here only of few. Hydrocortisone, in the form of the free alcohol, was found to be the most effective agent yet uncovered for the treatment of sprue. What appears to be the most satisfactory test yet devised for hyperthyroidism, based on blood levels of 1¹³¹ after tracer doses, was described. The use of 2-hydroxystilbamidine was introduced for the successful treatment of hitherto refractory protozoa and fungus infections in man. A hitherto obscure form of leukemia, due to the appearance of reticulum cells in the blood, was defined. Diamox, a carbonic anhydrase inhibitor, was introduced as a new oral diuretic for patients with edema. A new rapid test for myasthenia gravis was introduced and useful criteria for recognition of dangerous overdosage with anti-cholinesterases were established.

Also, a novel form of treatment of allergy to insulin, by use of denatured insulin, was proposed and the use of intravenous fructose in the treatment of diabetic coma was investigated, with encouraging results. A simplified water-loading test for the diagnosis of Addison's disease was described, and experience with the ambulatory management of this disease by use of long-acting microcrystalline esters of desoxycorticosterone was recorded. A new means for differentiating obstructive from parenchymal jaundice, by determining serum mucoprotein and polysaccharide levels, was introduced. A method for estimating the degree of overriding of the aorta in congenital heart disease was proposed, as was a method for estimating the circulation time oximetrically.

The cube technique of electrode placement in spatial vectorcardiography was expounded in a book, with extensive illustrative clinical applications. An authoritative analysis of the usefulness and limitations of electrokymography was published. New limits were established for hypertension and normotension in the two sexes at varying ages. It was shown that measurement of the hallucal circulation under controlled conditions offered very early recognition of vascular disease in diabetics. A productive study was made of the significance of steroid diabetes occurring in the course of prolonged ACTH or cortisone therapy. The usefulness of dicumarolization in acute myocardial infarction was evaluated in a controlled study conducted on the medical wards.

Further studies of the bone marrow in polycythemia vera were made and advances in our understanding of the hemolytic anemias, with special reference to the rate of removal of radioactive iron from the plasma, were recorded. The newer blood factors encountered in blood transfusions were reviewed. Therapy of cancer with folic acid antagonists, peltatin, triethylene melamine and other newer agents was evaluated. A monograph on multiple myeloma, based on a very large experience at this Hospital, was compiled.

Our important long-term studies of the effectiveness of ACTH and cortisone in the management of lupus erythematosus, sarcoidosis and sprue were continued. A long experience with Banthine in the treatment of peptic ulcer was analyzed. An extensive study was made of the psychodynamic aspects of experimental asthma in man. Chromatographic and electrophoretic separation of pollen

extracts, in an attempt to isolate the causative agents of hay fever in pure form, was carried further. Research on the erythropoietic effects of antibiotics and vitamin B₁₂ in pernicious anemia was initiated. A basic analysis was made of the several forms of congenital testicular deficiency. The production of hypercholesteremia by prolonged use of ACTH or cortisone was demonstrated in man and experimental animals, suggesting a possible role of the adrenal cortex in the pathogenesis of atherosclerosis. Significant studies indicating the hereditary nature of premature hypercholesteremia and atherosclerosis were continued.

The role of carbonic anhydrase in the regulation of hydrogen ion secretion by the stomach and the renal tubules was elucidated by use of potent new inhibitors of this enzyme. Basic studies were made of the effect of experimental venous obstruction on the mechanisms of redistribution of salt and water in the extra- and intracellular phase, along with exploration of bone and connective tissue as sources of readily mobilizable excess sodium and chloride, respectively. A comparison was made of discrete renal functions of the two kidneys in a patient with portal hypertension before and after spleno-renal vein shunt. It was shown that tubular reabsorption of phosphate increased after removal of a parathyroid tumor in patients with hyperparathyroidism.

In studies on the mechanisms of diuresis and antidiuresis, a significant analogy was found between diabetes insipidus and chronic renal disease. The role of desoxyribonuclease inhibitors in the production of the L.E. phenomenon was investigated. An improved technique for the cultivation of Endameba histolytica, important in the diagnosis of amebiasis, was introduced. An informative study was made of the geographical distribution of cercarial dermatitis. The relationship among mouth, skin and arterial blood temperatures was defined. The treatment of osteoarthritis by intra-articular injection of Compound F was evaluated.

Based on the large experience at this Hospital, a revised system of management in gout was proposed. By use of N¹⁵-labeled glycine, overproduction of uric acid in some cases of gout was demonstrated for the first time. The effects of Benemid, phenylbutazone, salicylates and other uricosuric agents on tubular reabsorption of urate were examined by simultaneous measurements of discrete renal functions, with results of interest to our understanding of the mechanisms of renal excretion of urate and to the treatment of chronic gouty arthritis.

It is to be hoped that this sampling of the year's research artivities of the Department of Medicine is sufficiently indicative of the great research potential of the Hospital and will stimulate full support and further development.

THE SURGICAL SERVICES

The Hospital on November 1 appointed a full-time director of the Department of Surgery. Although the appointment occurred in 1952, the reorganization of the several surgical services, with their research and educational activities, into a cohesive department was not to be effectuated until the following year. The

reports that follow are, therefore, given according to the customary subdivisions, Surgery A, B and C.

SURGERY A

During the year the Service embarked upon a study of results of the surgical treatment of carcinoma of the esophagus and cardiac end of the stomach, a difficult problem, since the surgical treatment of this disease was initiated at Mount Sinai

Hospital in 1936.

Some interesting figures are now available. In the group of patients done over five years ago with squamous cell tumors of the esophagus, approximately a third are living and apparently free of disease. In the group of adenocarcinoma of the cardia, 23 per cent are alive and well after five years. These findings, especially in the squamous cell variety, give considerable encouragement to those of us who are trying to improve the technical and other features of the developments of this field of surgery.

The chief of the Service and a colleague engaged in a study of the results of the surgical treatment of chronic non-specific ulcerative colitis. Since 1937, there has been noted a marked decrease in the operative mortality for the various

operations employed in the surgical therapy of this disease.

The Service initiated a plan for the coordinated and cooperative treatment of all ulcerative colitis patients in collaboration with the heads of medicine, gastroenterology and psychiatry. With the cooperation of these chiefs, a regular plan has been formulated for a cooperative continuity in the treatment of these patients.

While the idea is an old one at Mount Sinai, this is the first time the full cooperation of the heads of those services has been effected in its behalf. Only by this method of investigation can the best interests of the patient be served and progress made in developing new methods for the treatment of this disease entity.

We continued with our treatment of carcinoma of the large bowel as heretofore. Over the past few years, there has been a progressive improvement in the development of new technical maneuvers which have as their purpose a more radical approach to carcinoma of the bowel and diminution in the operative

mortality.

Both in terms of the number of patients served and the results achieved, Mount Sinai's contribution to cancer surgery certainly compares with, if it does not exceed, that of any other general hospital and very likely that of any specialty hospital. This continuing accomplishment in a critical field bespeaks the Hospital's tradition of pioneering interest in the problem which has grown stronger, experimentally and clinically, to the present day. It should be a matter of intense pride to Mount Sinai's friends, staff and supporters.

SURGERY B

Further observations were made on carcinoma of the lung and a 14-year survey of our cases was completed. A study of primary carcinoma of the lung in aged individuals was made and published. Another publication was concerned with the characteristics of minute carcinomata of the major bronchi.

Additional clinical studies by members of the Service dealt with a method of treatment of acute and chronic chylothorax, spontaneous rupture of the eosophagus, accessory lung, diaphragmatic hernia, cysts of the lung, mediastinal tumors, bronchial adenoma, cysts of the trachea and actinomycosis of the chest wall.

Publications of experimental work dealt with maximal-length vena cava autografts that were used to bridge aortic defects in dogs. Observations concerning the function and fate of the grafts were made over a period of three years, corresponding to 15 to 20 years in the human. The studies, which were presented before the Forum on Fundamental Surgical Problems of the American College of Surgeons, revealed that unsupported grafts, although satisfactory in the beginning, were inadequate at the end of two-and-a-half to three years. Another phase of the same work dealt with elasticity studies of vein grafts by means of a new apparatus devised by the Hospital physicist. A satisfactory technique of intraabdominal transplantation of the kidney was developed and applied to the homotransplantation of kidneys in dogs. The latter phase of the work is still in progress, although up to the present, there have been no successful homografts. A member of the Service began experimental observations on the control of pulmonary circulation.

Close liaison continued with the Medical Chest Group in the form of a weekly conference following grand rounds and also a monthly clinical meeting.

SURGERY C

A comparison was made of the results obtained in duodenal ulcer by subtotal gastrectomy with and without vagotomy over a six-year period. This was presented before the American Medical Association and the American Gastroenterological Association. A ten-year review was published of the results of operative procedures for gastrojejunal ulcer following gastroenterostomy and subtotal gastrectomy.

A further assay was undertaken of the operation of gastroenterostomy with and without vagotomy in poor risk patients with duodenal ulcer, and a study of giant benign gastric ulcers was made. A special study was made of benign

tumors of the stomach which has been accepted for publication.

Further studies were made of pancreatic function and the use of the secretin test in the diagnosis of tumors in and about the pancreas, as well as of the effect of vagisection and vagal stimulation on pancreatic secretion, and the role of alcohol in the etiology of pancreatitis. The role of alcohol in the etiology of pancreatitis and a study of the effect of intravenous ethyl alcohol on the external secretion of the pancreas was completed. The effect of subtotal gastrectomy upon the external pancreatic secretion in dogs was published.

A study of the reconstruction of the bladder by the substitution of small bowel segments was completed. The repair of surgical wall defects with a pedicled musculo-fascial flap was published. The follow-up results of biliary dyskinesia

with reference to sphincterotomy was completed and published.

ANESTHESIOLOGY

THERE were several changes in departmental organization. The table of organization was increased to include one attending, three associates and three adjuncts.

Also, anesthesia nurses were replaced completely by residents.

The resident training program was expanded. Two meetings a week were held and devoted to seminars, journal clubs, case studies and papers by residents. An extensive course in therapeutic and diagnostic nerve blocking, with cadaver dissection, was presented. Increased emphasis was placed on didactic teaching. The opening of the Maternity Service presented needed resident training in methods of obstetrical anesthesia and analgesia and in infant resuscitation.

A new and detailed system of departmental records was instituted providing duplicate copies of each anesthetic record with matching cross-index cards, thus permitting valuable statistical studies and observations. A departmental library

was established.

The Department carried out studies on the use of ganglion blocking agents for controlled hypotension in neurosurgery, the use of short acting muscle relaxants and the electrocardiographic effects of neostigmine. Members of the Department published and presented papers on anesthetic methods in neurosurgery and in surgery of the heart and great vessels, on the anesthetic management of cardiac catheterization and angiocardiography and on the fate of pentothal sodium and demerol.

DENTAL AND ORAL SURGERY

The Friday afternoon seminars in oral pathology and oral surgery developed into a leading forum for the clinical study of oral disease. An outgrowth of their popularity was the recent establishment by the Department of the first oral consultation service available to dentists in the Metropolitan area.

A new course in diseases of the mouth was conducted under the graduate instruction program of Columbia University. In addition, full-time training courses were opened to groups of undergraduate dental hygiene students of the State University.

Plans were completed for a program of continuing dental care to prenatal patients. A pilot clinic was inaugurated for comprehensive oral examination of new out-patient medical admissions, including complete roentgenographic survey.

The Cleft Palate Rehabilitation Team functioned as the official State Department of Health center for the southern half of New York. As a result of favorable publicity, it attracted an exceptionally large patient-load, consisting of nearly 200 cases of cleft palate and cleft lip. Each patient is being studied by the dental group, (oral surgeons, orthodontist, and prosthodontist) the plastic surgeon, a pediatrician, psychiatrist, otolaryngologist, speech-therapist and social worker, who meet regularly to discuss and plan an appropriate treatment schedule.

Members of the staff presented papers on viral infections of the mouth, on the Klippel-Feil syndrome, amyloidosis of the tongue, pathways of spread of acute oral infection, problems of obscure oro-facial pain, preventive orthodontics, and early recognition of oral cancer.

DERMATOLOGY

Considerable attention was directed toward increasing the efficiency of the Dermatology O.P.D. To this end, regular assignments to the O.P.D. were made for the Attending Staff to create closer cooperation between O.P.D. staff members and the in-hospital staff. Each O.P.D. member was asked to make rounds with the chief on ward cases at least once a week. Some O.P.D. Departments were reorganized and it was felt that in this way all of the staff obtained a much closer insight into the ambulatory service. The reorganization raised the morale of the O.P.D. staff and contributed greatly to administrative efficiency.

A number of papers were published from the Service and a chapter on dermatology was contributed by two staff members to the book "Physical Medicine

in General Practice."

Research was conducted on more accurate methods for measuring physiological skin responses and changes in skin physiology under various pathologic conditions.

NEUROLOGY

THE Department continued to expand its research unit. Four principal subjects were investigated: early diagnosis of brain tumor, the effect of various drugs on nervous and muscular system function, perception in the normal subject and in patients with disease of the brain, and functions of the brain stem in the experimental animal.

The ability to recognize brain tumors was enhanced by using the method of detecting radioactive substance circulating through the brain. This work was

carried out in collaboration with the Neurosurgical Department.

A variety of drugs, particularly the barbiturates, were tried in cases of tremors and other abnormal movements. Incomplete results showed that these drugs were beneficial in some cases. Mysoline, a new drug, was found to help some intractable cases of epilepsy. New drugs in the treatment of Parkinsonism, demyelinating diseases of the nervous system and myasthenia gravis were tried. Subjects with various kinds of pain and some with abnormal movements were treated with newer methods and with some success. There were also studies with lysergic acid, a powerful drug, which among other effects, produces changes in perception. This project was carried out with the cooperation of the Departments of Medicine and Psychiatry.

Regarding the investigation of normal functions of the nervous system, we acquired new data to enhance our understanding of diseases of the brain. These

facts will help us in diagnoses and in evaluating effects of treatment.

Twelve members of the Service had a total of 44 papers published in the year on a wide range of related subjects.



THE MAGDALENE AND CHARLES KLINGENSTEIN MATERNITY PAVILION

OBSTETRICS AND GYNECOLOGY

OBSTETRICS

After a century in a childless state, Mount Sinai became a true parent on November 1, when the obstetrical service opened in the Klingenstein Pavilion. Fifty-five women, both ward (26) and semi-private (29), were delivered during November, and 117 during December (52 ward; 65 semi-private). Of the total number of deliveries (172), six were twins. The out-patient department for obstetrics began to function on July 28 and from that date through December 31, a total of 286 new visits was made.

In the process of combining the new clinical department of obstetrics with the long existing and distinguished department of gynecology, Dr. Alan F. Guttmacher was named obstetrician and gynecologist to the Hospital and director of the combined departments. Dr. M. A. Goldberger became attending in gynecology and six associates and 14 adjuncts were appointed. The director of the combined

department assumed his duties on July 1.

The obstetrical division is too new to permit any report of research accomplished. However, there is much work in progress, studies on diabetes in pregnancy, significance of bleeding in early pregnancy, the significance of the placental sign, a study of the elasticity and tensile strength of the fetal membranes, hysterography of patients after Caesarean section in the attempt to visualize the scar, etc.

GYNECOLOGY

Two teams in the Gynecology Service undertook the study and development of the technique of radical surgery for the treatment of carcinoma of the cerxiv in all its stages. The service also concerned itself with such clinical problems as the premalignant phase of endometrial carcinoma, the rate of growth of uterine myomas, sarcoma of the uterus, granulosa cell tumors of the ovary, toxemias of pregnancy, rupture of the liver in pregnancy, and many others.

Additional investigations dealt with antepartum education, analysis of the relationship between ulcerative colitis and pregnancy, sterility problems, carcinoma of the cervix in Jewish women, the results of total hysterectomies for carcinoma of the fundus, the value of hysterography in the diagnosis of intrauterine lesions

and the results of myomectomies.

Members of the Service published or had prepared for publication or presented to medical societies 35 papers on a wide variety of subjects in the field. Operating clinics and ward rounds were held for the Tri-City Meeting of the New York Obstetrical Society and the American College of Surgeons.

OPHTHALMOLOGY

The Service again emphasized activity on the pathology of the eye with special reference to vascular diseases. Other investigations were concerned with the eye in old age, the affect of cortone in glaucoma surgery as an aid to better filtration, early retinal vascular changes in hypertension, and the relation of retinal changes to diastolic pressure.

In addition to its formal teaching, the Service participated in the affairs of many scientific societies and organizations. A staff member was elected president of the New York Society for Clinical Ophthalmology and others served on committees of the New York Academy of Medicine, the A.M.A. and other groups.

A special technician was appointed to take care of increased work in connection with fundus photography. Staff members published, prepared for publication or read before scientific groups 16 papers based on the variety of clinical interests of the Service.

ORTHOPEDICS

 $T_{\rm HE}$ Orthopedic Service continued to enlarge its patient volume through its unique Children's Orthopedic Clinic. Several organizations furnishing ancillary care to orthopedically-handicapped children now use this clinic as their referral center for hospital care. In conjunction with Blythdale Hospital in Westchester, at which this Service forms the orthopedic staff, complete continuous long-term care under the same personnel is possible in a way that can be equalled by very few centers.

The Orthopedic Research Laboratory broadened its usefulness by undertaking, in addition to its own investigative problems, joint projects with other

laboratories in the hospital, particularly that of pediatrics.

Members of the Service engaged in investigations into several basic problems, among them para-inflammatory disease of the spinal articulations, the development of the human spine, scoliosis, the biochemistry of bone formation, circulatory aspects of bone grafts and vertebral fractures, epiphyseal pressure phenomenon, the effect of age on the human spine, and a progressing study of the problem of fractured hips. Publications on these problems appeared in representative medical journals and several were presented at orthopedic regional and national conferences.

OTOLARYNGOLOGY

In addition to investigations continued from previous years, the use of hormones in rhinoplastic procedures was studied and a preliminary report made, new operative procedures in otologic and rhinoplastic conditions were devised, and a study of lesions of the lower esophagus was made in conjunction with the Radiology Department and Gastroenterology Laboratory.

PEDIATRICS

Through the efforts of Samuel S. Schneierson, chairman of the Trustees' Committee on Pediatrics, detailed architects' plans were drawn up for remodeling and rebuilding the Pediatric Pavilion. These plans are aimed at modernizing the pavilion into consonance with present-day pediatric practice. For example, the plans include provision for rooms in which the mother may remain in the Hospital with the child during the course of his treatment for serious illness or during the period of his recovery from a surgical operation.

Experience in other parts of the country has shown that severely ill poliomyelitis patients who would not survive in the usual hospital ward may do so when treated in centers especially designed for the care of such patients. Of equal importance, many patients who would otherwise be unable to free themselves from dependence on the tank respirator (iron lung) are able to do so with the special care given in such centers. No centers for the specialized care of patients suffering from the respiratory form of poliomyelitis exist in the vicinity of New York City. During the year, detailed plans were made to establish a polio respirator center as a unit of the Department of Pediatrics. It is expected that the cost of building and maintaining the respirator center will be borne by the Hospital and cooperating foundations. Detailed architects' drawings have been made for the proposed center and it is hoped that construction may begin in 1953.

In the latter part of the year, the Pediatric Service, in cooperation with the Department of Obstetrics, organized the service for newborn infants in the nurseries of the new Klingenstein Pavilion. For the first time, therefore, the Pediatric Department became responsible for a newborn service. The Department was preparing at the end of the year to take over the management also of the premature unit which will be available for a total of 40 premature infants. The premature unit, which is situated on the top floor of the Klingenstein

Pavilion, is most attractive and a model of efficiency.

The pediatric out-patient department received a great deal of attention during the year. A Fellow in Pediatrics was appointed to work full-time in the O.P.D. and a technician and secretary were obtained for full-time duty. These changes greatly increased efficiency and resulted in better care for patients.

An active research program was carried out in our Rosenstiel laboratories. Studies begun a number of years ago on the treatment of meningitis resulted in the clear demonstration of the value of the eosinophil concentration of the blood as an index of prognosis in this disease. Corollary studies clearly established the value of cortisone as a life-saving measure in the fulminating form of meningitis.

Research on the effect of poliomyelitis on water and electrolyte metabolism was continued. While it appeared that poliomyelitis virus does not produce any gross change in the water and salt metabolism of the body, recent experiments suggested that there may be alterations in these elements within certain parts of the brain and muscle tissue.

Experiments designed to study the source and character of the fluid lost from the body of infants suffering from diarrhea were continued. The experiments have shown that loss of water from the cells of the body persists long after the loss has been restored in the blood plasma and the fluid outside the cells. The effects of diarrhea, therefore, appear to be of longer duration than had been believed. Experiments were continued to determine from what specific areas in the body the various salts and fluids are available as defense mechanisms against dehydration. The experiments are expected to provide fundamental information regarding metabolism of salts and water.

Experiments on the etiology of infantile diarrhea resulted in the development

of a rapid and very accurate method for typing colon bacilli, bacteria now

suspected of being a serious cause of the disease.

Work on the treatment of congenital cardiovascular diseases was intensified. This field is of prime interest to the new director of the Department of Surgery. A number of patients who were regarded as particularly difficult cases were re-evaluated and were operated upon with gratifying results.

PHYSICAL MEDICINE

The caliber of work in the Department improved because of our success in obtaining better personnel. An increasing percentage of our work was in the application of rehabilitation techniques for patients on the neurological and

neurosurgical services.

The results of a study on the motions of the human foot were incorporated into a paper read by the Physiatrist to the Hospital at the annual meeting of the American Congress of Physical Medicine and Rehabilitation. Another publication dealt with the diagnosis and treatment of Bell's palsy. Scientific exhibits were staged for the New York Medical Society and the American Congress of Physical Medicine and Rehabilitation.

PSYCHIATRY

THE Department of Psychiatry continued to emphasize its service aspects to the Hospital and its patients. To facilitate the work of the Department, it was reorganized into nine divisions: Adult Ward, Adult Clinic, Adult Liaison, Child Psychiatry, Psychology, Case Work, Training, Research, and Special Project.

The Ward Division continued to function for the care of patients, for training and research. Owing to the limitation of facilities, even though 22 beds are available, the optimum functional load is about 17 patients. These patients come for the most part from the Hospital wards or O.P.D. However, it was possible during the year to increase the number of patients referred from extra-Hospital

sources.

An important aspect of our work lies in the liaison with the other services and the out-patient clinics. To facilitate this work, five liaison teams have been organized, each consisting of three to eight psychiatrists. The teams are responsible for the various units of the Hospital, such as Medicine and Medical Specialties, Surgery and Surgical Specialties, Neurology, Neurosurgery, Ophthalmology, Otolaryngology, Orthopedics, Radiotherapy, Urology, Dental, and Dermatology, and for the out-patient clinics. With the opening of the Obstetrical Service and the formation of the new Department of Obstetrics and Gynecology, the need for psychiatric services increased, and one of the teams was assigned to that area. Collaboration among Obstetrics, Gynecology, Pediatrics and Psychiatry for both service and research was begun and an excellent program set up.

The adult O.P.D. clinics again worked at maximum capacity and special credit is due the clinic chiefs for the outstanding way they are carrying out their assignments and responsibilities. In psychiatry, a clinic chief functions not only as a clinician but also as a teacher and supervisor. The Wednesday-Friday

afternoon Follow-Up and Treatment Clinic is staffed primarily by psychiatric residents, who follow through on patients they have been treating on the ward. The experience and training which the residents obtain working in the clinic are invaluable. There was a total of 6,059 patient visits to these clinics during the year.

The Child Psychiatry Division continued to function in an excellent manner and for the first time had a full-time fellow for purposes of training, a Minnie Kastor Fellow in Psychiatry. The Mothers' Group Psychotherapy continued and a girls' group was started. With the opening of the Klingenstein Pavilion, the Division became part of the liaison psychiatry team working with the Obstetrical and Pediatric Departments. Work with the Cleft Palate Group was undertaken. Active collaboration with the Pediatric Department continued, resulting in a valuable interchange of training between members of the two departments. The Division held weekly seminars for the pediatric resident staff.

There are special problems connected with child psychiatry, especially in regard to personnel. It is in this area that the greatest need exists, and yet relatively few psychiatrists in private practice work in this field. This is reflected in the problem of staffing such a division. A number of psychiatrists who work only with adults apply for staff appointments in child psychiatry and work for a year or two in order to gain experience, then leave the staff. Greatest efforts should be made to implement a program for training in child psychiatry. To further this, the Division has become a member of the American Association of Psychiatric Clinics for Children and has been approved as a training center.

The Training Division has six psychiatrists assigned to the specific task of training residents, and other personnel of the Department and the general hospital. The preceptor system of direct supervision of the work of the residents, although requiring a great deal of time from the teachers, is proving invaluable. In addition, a course in psychotherapy for psychiatrists was given by the teaching staff. Lectures, seminars, and practical exercises were carried out with the nurses, both on the ward and as part of the School of Nursing training program.

The Psychology Division continued to function as an integrated part of the psychiatric team. Psychological services were available and utilized throughout the wards and O.P.D. clinics. There was an excellent training program for clinical psychologists. There were 24 members on the Psychology Division staff, including full- and part-time externes, research assistants, tutors and part-time supervising psychologists. The active training program was not limited to the training of psychologists; the Division participated in the psychiatric residents' training program, lectures to nurses, and the general training program of the Department. A number of research projects were undertaken and several papers published.

The Social Service Department again functioned as an integrated part of the Department. Eight students from the New York School of Social Work received training in psychiatric social work under a program instituted in 1951 and continued last year.

A Mount Sinai Hospital-Federation Project was started to follow-up discharges from Bellevue with a view to assisting patients and families through

casework and individual psychotherapy. A part-time psychiatrist, two full-time caseworkers and secretarial personnel are engaged in the project.

In closing, it must be noted that various research activities and aspects of other functions of the Department were either hampered or postponed because of severe space limitations. It is hoped that the Hospital will in the earliest future be able to address itself to this problem.

RADIOLOGY

With construction nearly completed but continuing, the Department occupied the new section and began operating immediately at full capacity to permit the start of renovations in the old section. At the year's end, five diagnostic rooms were operating of the eventual total of eight. The new darkroom was completed and the automatic developing and drying equipment put into operation. Use of new types of radiographic equipment was also begun, including the ceiling-suspended tube crane in the neuroradiological diagnostic room, the circular and spiral motion or Kieffer laminograph in the same room, the final form of the cassette changer for cerebral angiography, a laminograph for body section radiography with the patient in the erect position, and the automatic phototiming equipment for both routine radiography and spot-films during fluoroscopy.

Installation of diagnostic X-ray equipment was started in the emergency X-ray room on the delivery floor of the Klingenstein Maternity Pavilion and in another room adjacent to the premature ward. A new mobile diagnostic X-ray unit was procured. Construction and installation of a third diagnostic room in the O.P.D. X-ray Department was started, utilizing surplus equipment from the Main X-ray Department. A through-the-wall developing system was installed in the Cystoscopy-X-ray section, as was additional surplus radiographic equipment.

With the opening of the Klingenstein Pavilion, an entirely new group of radiographic examinations, frequently of an emergent character, were added to the routine work of the X-ray Department. Techniques of pelvic and fetal mensuration were developed in conjunction with the Department of Obstetrics.

A complete change in the marking of films for identification purposes was instituted to assure more satisfactory identification of films. Name plates of a compact nature to be used with lead letters were procured to be used for each patient.

With the installation of automatic developing equipment, a program of quality control of developing solutions and films was instituted in cooperation with the Physics Department. Daily checks were made on a routine basis to detect defects. Methods of testing film for comparative purposes were developed to detect variations in the film supplied or to choose among different types of film.

Another new procedure adopted on a routine basis was continuous monitoring of X-ray exposure of all technicians and physician personnel by a film-badge program. This is implemented by the Physics Department. No instance of exposure above acceptable levels was found. Study of personnel exposure in more detailed fashion was made when a new procedure (e.g., cerebral angiography) was adopted.

To maintain high quality of radiographic and fluoroscopic examinations, a study was started to establish a series of measurements which, done in routine fashion, would furnish information required for constancy of results. Recording equipment was procured for this and changes in controls made to allow this equipment to be used.

The custom of a daily departmental conference was continued. Formal combined conferences were held with the Medical, Surgical, Pediatric, Obstetric and Gynecological, Neurological and Neurosurgical and Orthopedic Services. Attendance at conferences, such as Surgery C grand rounds and congenital cardiac

were routine.

Two new Columbia University post-graduate courses were given by the Department, one on diseases of the chest and another on diseases of the gastro-intestinal tract. A third course of more advanced character on diseases of the

chest was being planned to be given in 1953.

Of investigative interest were the problems connected with changes at the junction of the esophagus and stomach—specifically, hiatus hernia, short esophagus, regurgitation and inflammatory changes in the lower end of the esophagus. The chief of the Department and his associates published a variety of papers and participated in a number of local and national meetings.

The work-load increased over 1951 from about 125,000 to 135,000 films taken and 34,700 to 35,300 patient visits. The amount of technician time spent on the operating floors for X-ray control procedures, and for bedside examinations,

increased sharply and the trend is likely to continue.

RADIOTHERAPY

FURTHER clinical investigation of the response to radiation through a perforated grid was carried on in advanced cases of cancer. Some sequelae of this type of treatment were becoming manifest at the close of the investigation's second year. This will lead to modifications of existing techniques which yield an occasional long-time arrest or cure. Investigation of the use of this method in conjunction with conventional types was begun, especially in cancer of the bladder and of the female generative organs. As a result of our interest in the grid therapy, visitors from important clinics in the United States and from abroad came to observe our work.

Closer cooperation with the Gynecology Service in the management of uterine cancer was established for the study of a combined program of radiation and surgery. In addition to this group study, a mechanism for treating lymphoblastomas and leukemias was informally set up with the Hematologist and a physician interested in chemotherapy. It is increasingly evident that only by the combined efforts of the departments dealing with endocrinology, hematology, chemotherapy, and radiotherapy, may new approaches be developed for the treatment of cancer.

The results of 20 years' experience in radiation treatment in cancer of the larynx were presented before various medical organizations. The results were significant because of the number of cases and the long-time follow-up. The

report was presented before the American Roentgen Ray Society and the Balti-

more Academy of Medicine. It will be published early this year.

Other publications from the Department dealt with radium therapy in cancer of the cervix, the role of intracavitary radium in the treatment of cancer of the bladder, the depth dose curves for grids in X-ray therapy, and the use of grids in X-ray therapy in advanced cancer. At a meeting of the Radiological Society of North America a staff member presented a paper on dosimetry of Beta ray emitters. This was based on an original investigation of dosimetry which should play a significant role in the better understanding of dosimetry and isotopes.

A new course in the clinical application of radium will be given in affiliation with Columbia University in 1953. It will be the first course of its kind in the country and should be of great value to residents and others working with radium.

There is a great need for a more adequate location for the Department and for higher voltage apparatus if the Hospital is to continue attracting the volume of material we have been treating in the past and have had available for teaching and other important purposes.

UROLOGY

The Department continued to provide a high standard of diagnostic and therapeutic service to patients, and intimate, carefully-supervised instruction to its resident and intern staff.

The cystoscopy room facilities were improved by the addition of new equip-

ment and replacement of some X-ray apparatus.

Members of the Service exhibited the "artificial kidney" at the Ninth Congress of the International Society of Urology and demonstrated a non-opaque radiographic mat at the annual meeting of the American Urological Association. We were also represented at the Graduate Fortnight of the Academy of Medicine and at the American College of Surgeons convention. In conjunction with the Radiotherapy Department, a report was given in Mexico on our joint efforts in the treatment of carcinoma of the bladder.

Communications were published on surgical cure of Cushing's syndrome, radiotherapy in the treatment of stricture of the ureter, calcification of the vas deferens, blood pressure of chronic hypertensive dogs surviving bilateral nephrectomy, psychiatric aspects of disease of the genito-urinary system, and transplantation of the kidney in dogs. Reports prepared for publication dealt with retroperitoneal cyst with absence of kidney, ureter-ureterostomy, and aneurysm of the renal artery.

Clinical investigations were conducted into renal tumors, surgical treatment of tumors of the adrenal gland, and improved techniques in prostatic surgery.

In connection with research in the use of the "artificial kidney," studies were made concerning blood flow in the inferior vena cava. The possibility of a low cost disposable unit for this apparatus was investigated.

THE OUT-PATIENT DEPARTMENT

THE principal objective of the Out-Patient Department continued to be its community responsibility of caring for the ambulant sick unable to afford private medical treatment. Toward that end, several new clinics were established

and the services of some existing ones expanded.

In recent years there has been a decline in our patient census and this trend continued in 1952. The number of consultations was 186,415 as compared to 193,091 in 1951. (The census trend of other Out-Patient Departments has been similar to ours.) This decline may be explained to some extent by changing social and economic factors. Prepaid insurance plans and clinics conducted by labor unions have been developed in recent years and care for some of the ambulant sick who in the past were treated in the out-patient departments of voluntary and city hospitals.

To determine if any part of this decline might be due to causes within the Hospital, a comprehensive study was undertaken to evaluate the Department's work. Each of the 90-odd clinics is being studied, with the hope that still higher standards of care—both from a medical and social point of view—will be achieved.

The number of new patients treated during the year was 7,630, representing an increase of 9.4 per cent over the previous year, indicating that the average number of visits of previously enrolled patients was reduced without impairing the service rendered. The figure for new patients does not include 282 who made a total of 1,107 visits to the Prenatal Clinic which opened last July 28.

More than 60 per cent of our patients were treated entirely without charge and the income received from those able to pay averaged about a dollar a visit. This is particularly striking since the cost per patient-visit as computed by the

United Hospital Fund formula was more than \$4.50.

The availability of clinic patients presenting a wide range of medical problems facilitated the initiation of new research projects and the expansion of existing ones. This work was, of course, integrated with the general research program and is covered elsewhere in the Annual Report.

Weekly clinical conferences to review current trends in medicine and advances in the professional care of patients, together with the presentation of interesting and unusual cases, served to stimulate and broaden the interest of the Depart-

ment's large medical staff.

The training of residents was furthered by their O.P.D. assignments. They were assigned to various clinics, including Eye, Ear, Nose and Throat, Orthopedics and Gynecology. This afforded them an opportunity of participating in the follow-up of patients whom they had previously seen on the wards. They also received training in the treatment of ambulant patients, which will prove helpful to them later.

The organization of the obstetrical unit in the new Magdalene and Charles Klingenstein Maternity Pavilion provided facilities here for the first time for complete care in the prenatal and postpartum periods of pregnancy. Related

clinics such as dystocia, prenatal diabetic and peripheral vascular were formed and others were being planned, all related to the problems of pregnancy. The transfer of the Gynecology Clinic to the Klingenstein Pavilion was approved and

was scheduled to be effected promptly.

A new clinic was organized for the diagnosis and treatment of cleft palate and hairlip. To carry out this project, a group was formed including medicine, dentistry, psychiatry, psychology, social service and other specialties. This sorely-needed service is helping a large number of young people coming to our clinic for treatment. The project also serves to demonstrate the value of team approach to this troublesome problem, and vital information is being collected from the large group of cases being referred to us from many parts of the state.

Affiliation was established with the Department of Dental Hygiene, State University of New York, whereby eight students of dental hygiene are assigned to the in-patient and out-patient dental services of the Hospital for two-month

periods as part of their training course.

At the request of the Federation of Jewish Philanthropies, our Psychiatry Department initiated a project which will provide follow-up care for patients after their discharge from the psychiatric service at Bellevue Hospital. A team consisting of psychiatrists, psychologists and social workers studying the needs of these patients and their families should furnish a real communal service.

The formation of a Plastic Surgery Clinic introduced facilities for the diagnostic evaluation of patients who may be in need of plastic procedures. Some of these patients are admitted to the Hospital for the necessary surgery and return to the clinic for follow-up care. Minor plastic operations are at times performed

in our Surgical Clinic.

The addition of a trained orthoptic technician to the Eye Clinic provided additional services to children with strabismus. Eye muscle exercises and training

are used as therapeutic as well as pre- and post-operative measures.

A clinical microscopist was added to the O.P.D. staff to enable us to perform blood counts and other procedures at the time of the patient's first visit. This permits the physician to arrive at a diagnosis more promptly, with obvious benefit to the patient.

The problem of caring for the marked increase in the number of admissions to the Pediatric Clinic was partly solved by appointing to it a fellow on a full-time

basis.

The adoption by the Hospital of the unit record system made possible the combining of the Hospital's medical records with those of the O.P.D. and gave promise of promoting fuller integration of the overall services.

A social worker employed in connection with our O.P.D. survey made a comprehensive study of procedures in seven large hospitals, including our own. Some recommendations from her report were promptly adopted with good results.

The caliber of service we were able to render the community was due in very large measure to the unselfish efforts of the many physicians, dentists, nurses, technicians, social workers, volunteers and other personnel, each of whom made his or her own significant contribution and to all of whom I express my sincere thanks.

JOSEPH KLINGENSTEIN, Chairman

Committee on Out-Patient Department

THE LABORATORIES

MICROBIOLOGY

THE routine subdivisions of the Department performed approximately 34,000 bacteriological, chemotherapeutic, parasitological, serological and virological tests, an increase of six per cent over 1951.

Apart from the routine activities, a number of important studies were

carried out.

A comparison was made of the "disc" and the "tube" dilution methods for the determination of bacterial sensitivity to antibiotics. Although easier to perform, consuming less time, and requiring less training, the disc method was not found to have the accuracy and reproducibility of the tube dilution method. In view of the precise and essential information that the tube dilution method provides, it was decided to retain the latter procedure. For special cases such as acute infections of the upper respiratory tract, where speed may be especially important, the disc method is now performed on request.

New Chemotherapeutic products were tested. WIN and Furadentin failed to show promise in preliminary testing. Procedures for testing the new antibiotics, Erythromycin and the new penicillin preparation, Bicillin, were added to the long list of antibiotics routinely used. A new procedure was developed to expedite blood antibiotic level assays; it consists of freezing standard stock bacteria so that the test can be performed immediately upon receipt of the request, without

the previously necessary six-hour incubation period.

The steady increase continued in the amount of work performed by the Parasitology Laboratory. The number of examinations has risen from 260 in 1946 to 2,950 in 1952. A technique developed in this laboratory making use of media containing penicillin and streptomycin substantially increased the number of positive ameba cultures.

In addition to the performance of serological tests for a variety of virus diseases, and virus isolation studies on patients, the virology unit collaborated with other members of the Department in collecting teaching material concerned with

diagnosis, pathogenesis and histopathology of viral diseases.

Further progress, reported in a series of publications, was achieved by the

Department's research units.

In conjunction with the Department of Medicine, it was found that Stilbamidine and Dihydroxystilbamidine exert a marked inhibitory effect upon histoplasma and blastomycosis.

Work was started towards the development of chick embryo antigen for the serological diagnosis of herpes simplex and investigations are being continued on

a possible viral agent in Reiter's disease.

The effects of cortical extracts, ACTH and compounds E and F on bacterial infections in mice were investigated. While compounds E and F decreased the survival time of animals infected with streptococcus hemolyticus, some lots of cortical extracts occasionally prolonged the survival of infected mice.

The effect of these substances on the reticuloendothelial system, as evidenced by the uptake of India ink, carbon, thoratrast and dyes, is being investigated.

The use of paper chromatography resulted in the separation and partial identification of several components of ragweed. Large-scale purification of an active constituent was attained by the use of ion exchange resins. The active fraction was further characterized as a complex molecule containing a polypeptide, a carbohydrate and a flavanol pigment.

Studies on the effect of corticosteroids, salicylates, and other related compounds upon the Shwartzman phenomenon were continued. Attempts were begun to elucidate the mechanism whereby the addition of calcium pantothenate complements the ability of salicylates to inhibit the Shwartzman phenomenon. Evidence is being accumulated indicating that the suppressive action of the compounds involves the hypothalamus-pituitary-adrenocortical axis.

Studies were initiated on cultivation of viruses in tissue cultures for eventual

application to poliomyelitis research.

An extensive research project was continued dealing with the influence of hormones upon resistance and predisposition to poliomyelitis. A series of investigations have already elucidated the histopathogenesis of previously reported cortisone potentiation of poliomyelitis infection. In recent observations, cortisone made possible production of poliomyelitis following peripheral inoculation of the virus (i.e., intraperitoneal, intramuscular, and subcutaneous). The development of a viremia and visceral lesions in animals thus infected demonstrate an extraneural multiplication of the virus preceding the invasion of the central nervous system. The results obtained necessitate a revision of the previously accepted theories concerning the pathogenesis of poliomyelitis infection.

CHEMISTRY

NUMEROUS improvements were made in the routine chemistry blood analysis. We transferred the remaining major procedures that were still carried out in visual colorimeters to photoelectrical apparatus, thus removing the personal factor and increasing the speed. New methods for chlorides, cholesterol and keto steroids were studied, leading to greater accuracy. The flame-photometry of sodium and potassium, requested more and more, was completely reorganized, introducing automatic pipettes and combining substantial economies in glassware, reduction of required blood volume, and increase of speed. The rendering of reports was considerably expedited. The distribution of chemically clean glassware and specially prepared oxalated and fluorized specimen bottles was centralized in the Main Laboratory, eliminating a transfer operation. (The number of tests performed is listed in the "Statistics" section of this book.)

Various research units contributed valuable routine analyses. The Nutrition Laboratory performed over 250 Vitamin A analyses and about 100 carotene and 100 fecal fat determinations, the Enzyme Laboratory 200 secretin and 100 blood amylase tests, the Endocrinology Laboratory over 1,000 determinations, primarily urinary steroids, and the Iodine Laboratory almost 400 analyses of protein-bound

iodine.

A new quick method was introduced for the determination of bile pigment in urine, using a previously prepared reagent tablet.

The claim that the alloxan titer in the blood serum rises substantially after

ingestion of carbohydrate was not substantiated.

Water and Electrolyte Metabolism in Renal Disease—Twelve cases presenting problems of diagnosis and management of renal diseases were studied; four additional cases were dialyzed by means of the Hospital's artificial kidney. These were cases of severe, acute and chronic renal insufficiency. Dialysis was efficient, but the clinical results were equivocal. Prolonged and extensive investigation into renal abnormalities was carried out on one case of the Fanconi syndrome and two cases of renal tubular acidosis.

The effect of surgical removal of parathyroid ademonata upon the renal tubular transport of inorganic phosphate was studied pre- and post-operatively in

three subjects with hyperparathyroidism.

In conjunction with the Department of Medicine, a series of studies concerning the mechanism of renal uric acid excretion in normal and gouty subjects was undertaken. The mechanism of action of uricosuric agents and the possible enzyme systems involved in the renal tubular transport of uric acid were studied.

Monomolecular Films—Compounds of ketosteroids with novel keto-reagents were spread as monomolecular layers. Some of the films showed particular transition points under pressure, a phenomenon which we ascribed to "hydrogen bonding," since it was only observed in compounds containing a free H-atom in

the critical position.

The monomolecular layer method for lipoids in minute amounts of children's blood was further perfected. A mechanical projection method was developed which yielded reproducible results. A comparison of this method with the usual chemical analysis, based on an adequate number of samples, will permit the intro-

duction of this procedure into routine.

Protein and Enzyme Research—Considerable progress was attained in the work on thermophilic micro-organisms. In addition to the mesophilic and thermophilic form of B. subtilis, similar pairs were investigated for B. circulans and B. sphaericus. The nutritional requirements in strictly synthetic media showed that the thermophils were astonishingly less exigent than the mesophils in regard to vitamin and aminoacid requirements.

Furthermore, a set of interrelationships between vitamins and metabolites was discovered, which permits the assignment of individual vitamins to given enzymatic functions. The introduction of new microbiological tests for growth

factors was a result of this disclosure.

The clinical enzyme laboratory completed studies on the effect of various stimuli on the blood amylase and on the effect of histamine and gastramine on

pancreatic secretion.

The project involving the distribution of iodine in the protein spectrum of the plasma was terminated and a new project was being planned involving the preparation and administration of tagged iodine compounds to study their absorption and utilization in animals and humans.

With the Department of Pathology, the protein moiety of mucoproteins from

calf synovial fluid was examined and compared with collagen. Detailed analyses of the aminoacids in the hydrolysates of whole mucin and various fractions were performed by two-dimensional paper chromatography and specific tests for individual aminoacids. Proline, hydroxyproline and ornithine were found definitely absent. The effects of depolymerizing enzymes and proteolytic enzymes upon the polysaccharide and protein fractions were observed. Simultaneous studies of the titration curves and salt-binding capacity of mucin were begun.

Drug Eruptions—The metabolic fate of tracer-labeled Nirvanol was tested in rats. The results indicated that the metabolism of this drug differed in men, in whom it produced a rash, from that in rats, monkeys, rabbits, guinea pigs and suckling pigs. This topic will be further studied in the radioactive tracer labora-

tory of the new Atran Laboratory Building.

Physical and Organic Chemistry—In continuation of the studies on salicylate derivatives, numerous naphthalene homologs were prepared and the hydrolysis of their phosphate esters compared under a variety of conditions. The relative rates of hydrolysis can be satisfactorily explained by the assumption of a "participation" type of reaction. This work throws new light on modern theory of reaction mechanisms.

Nutrition Research—Previous studies in this laboratory suggested an important role of the adrenal cortex in lipid metabolism. Patients treated with large doses of ACTH or cortisone over prolonged periods showed considerable elevation of serum lipids. These observations were expanded to animals. Cholesterol-fed rabbits exhibited an enormous superimposed elevation of serum cholesterol and of the other lipid fractions when treated with cortisone or hydrocortisone. The serum of these animals had the appearance of heavy cream and showed hitherto-unobserved concentrations of total lipids in the blood (up to 12%) and of blood cholesterol (up to 5%).

Another series of studies was performed to evaluate the role of the thyroid in the mechanism responsible for the blood lipid changes produced by the administration of cortisone and hydrocortisone. In the rabbit, thyroidectomy did not prevent these changes, while in the dog and in man absence of thyroid function caused complete inhibition. Thus, the role of the thyroid in lipid metabolism in the herbivorous rabbit seemed to differ from that in the carnivorous dog and

omnivorous man.

Studies in sprue were continued. While hydrocortisone acetate was poorly absorbed and was found to be ineffective, the free alcohol hydrocortisone represented the most powerful drug for the treatment of therapy-resistant sprue. The clinical improvement manifested itself in cessation of diarrhea, increased appetite, sense of well-being and remarkable gains in weight. In addition, there was a return to normal values in the various absorption tests (glucose tolerance, Vitamin A tolerance) and of the fecal fat content.

Studies on hereditary hypercholesteremia were expanded with the assistance of the Health Insurance Plan of Greater New York to a completely unselected population group in Staten Island. Thus far, 60 families consisting of parents and at least two children have been studied. These studies confirmed previous observations made on the population of Mount Sinai Hospital.

In a study of celiac disease in children, fractional analysis of fecal fat and other constituents was used to test the beneficial effect of certain carbohydrates

in the diet upon the clinical conditions of the patients.

The monthly Physiological Chemistry Seminar included lectures on: "Antitubercular Hydrazines," by H. H. Fox and R. J. Schnitzer, Hoffman-La Roche, Inc., and I. J. Selikoff, The Mount Sinai Hospital; "Purification of Antibodies by Means of Antigens Linked to Ion Exchange Resins," H. Ch. Isliker, Harvard Medical School; "The Application of Ion-Exchange to the Chemistry of Ribonucleic Acids," Waldo E. Cohn, Oak Ridge National Laboratory; and "Amylase Action and the Structure of Starch Complexes," Charles O. Beckmann, Columbia University.

ENDOCRINOLOGY RESEARCH

Our research problems were in the following categories: experimental interrelationship among the adenohypophysis, thyroid, and adrenal glands; the influence of the several endocrine glands on extracellular compartment as measured by the sodium thiosulfate space; experimental exophthalmus; the influence of adrenocorticotropin and adrenal steroids on thymic mass; the clinical study of testicular abnormalities; the use of adrenocorticotropin and cortisone in the management of acute disseminated lupus erythematosus; and the management of Addison's disease with microcrystalline suspensions of desoxycorticosterone esters.

The problems were arranged so that each man participated intimately in at least one problem and had considerable responsibility for it. Laboratory conferences were held at stated intervals, in which the progress of the various research activities were open for general discussion and correlated. In addition, frequent individual conferences were held with each investigator to outline further experimental approaches to a given problem. Clinical conferences were held three times a week, in which selected clinic or ward patients were discussed by the whole group.

During the year, there were two applications from Israel for fellowships in the Endocrinology Laboratory, one from the University of Lima, one from the University of Brazil, and one from the University of Naples. Eight young men and women from various parts of the United States also applied for such fellowships. They were from the University of Illinois, Barnes Hospital of Washington University, and several came from hospitals in New York City. As many places

as were possible were made available for these applicants.

The Endocrine Clinic is manned by the members of the Endocrine Laboratory, so that there is correlation between the clinical work as represented in the Out-Patient Department and the Laboratory's investigative work. In addition, the men in the Laboratory and clinic see patients with endocrine problems in the Consultation Clinic and patients from the various wards of the Hospital whose staffs request consultation and management from our group.

GASTROENTEROLOGY RESEARCH

In keeping with the general policy of the Gasteroenterology Research Laboratory, a variety of research on fundamental physiological problems and also on

gastrointestinal disorders was pursued. In great part, investigations were conducted in collaboration with the clinical services. The combination of clinical and animal research broadened the scope of laboratory activity and yielded much basic knowledge required in the study of practical medical problems.

Studies on the physiology, chemistry and histology of mucous secretion, with particular reference to cancer of the stomach, were continued for the seventh year with the aid of a special grant. They included an investigation of the acid-neutralizing power of mucous secretion, particularly as it concerns protection against ulceration, as well as a study of the chemistry and physiology of gastric mucin, the chief component of this secretion.

The microscopic appearance of dried smears of pure mucus and gastric aspirates was studied to determine their validity in the diagnosis of stomach disorders, and parallel electron microscope studies were carried out in collaboration with Dr. John Watson of the Edsel B. Ford Institute for Medical Research, Henry

Ford Hospital, Detroit.

The importance of the protective mucous barrier in relation to peptic ulcer was studied in experimental animals, in an effort to discover various physiological processes which initiate ulceration in man by inducing localized disruption of this structure. As part of this project, a surgical technique was developed for preparing double stomach pouches, one of which may serve as a control while the other is being physiologically treated.

Experimental work on development of gastric cancer in rodents was interrupted temporarily, but attempts were continued to develop a diagnostic procedure

for this disease in man, based on a cytological study of gastric aspirates.

A new drug, Diamox, made it possible, in tests, to stop the formation of gastric hydrochloric acid in animals almost completely (97%), and the possibility is being weighed of using Diamox for clinical purposes. This agent was shown to act on the intracellular enzyme, carbonic anhydrase, and therefore on the cellular process making the acid. This was in striking contrast to antacids and drugs now used to reduce gastric secretion clinically, which inhibit the intensity of nervous stimulation of the organs and therefore are only partially effective.

Typical of these neuro-inhibitor durgs is the parasympathetic depressant, Banthine, which is being used with considerable success in the treatment of peptic ulcer and other gastrointestinal disorders. However, this chemical has certain special virtues, and a study of its clinical efficacy was continued. Also, in order to gain particular understanding of vagus nerve activity in relation to stomach function and how this was affected by Banthine, a new type of surgical operation was devised for the preparation of whole stomach pouches in dogs without interruption of vagal continuity. Studies were begun on the experimental development of ulcer in such preparations, and its prevention.

Another line of anti-ulcer therapy for man has concerned a study of the effect on gastric secretion of various extracts from almonds. This work derives from the practice in the Near East of eating almonds to relieve the symptoms associated with ulcer disease, and it was hoped that an understanding of the physiology and pharmacology of these effects may ultimately yield a new type of

drug for this kind of therapy.

For purposes of diagnosis of ulcer disease, the basal secretion of the stomach without the use of a chemical or other stimulus was used increasingly. In keeping with this, a study was initiated of basal fasting hydrochloric acid secretion in Heidenhain pouch dogs. An investigation of the basal secretion of pepsin by the human stomach, previously started, was finished and prepared for publication.

The Laboratory completed and published a study of the effect of vagus resection on pancreatic function, employing surgical patients who had been esophagectomized, and consequently completely vagectomized, for cancer of the esophagus or

upper stomach.

The new drug, Diamox, was found capable of inhibiting the flow of pancreatic juice stimulated by secretin in dogs; it was the first time such inhibition by any agent was ever reported. The results demonstrate that the enzyme, carbonic anhydrase, has a major role in the formation of pancreatic, as well as gastric secretion. A parallel investigation was initiated on the intracellular mechanism by which the major inorganic constituent of pancreatic secretion, sodium bicarbonate, is produced in this organ.

An investigation of the effect of subtotal gastrectomy on pancreatic secretion

in animals was terminated, and a report on its results was being prepared.

To trace the loss of potassium by patients with obstruction of the gastrointestinal tract, a study was made of this element in gastric secretion and it was shown that the stomach was a major route for the loss, but the mechanism by which it occurs is unknown. Research was carried out to learn the process and how it may be altered for clinical purposes. A related project on the effect of carbonic anhydrase inhibition on potassium and other electrolytes in gastric juice was pursued simultaneously, with the aid of Diamox.

New projects initiated included a study of physico-chemical factors influencing the character of gall stone formation; a clinical and physiological study of cardiospasm in man, relating particularly to the possibility of treating this esophageal disorder with a new adrenergic blocking agent; and an investigation of the effect of some surface-active chemicals, currently used in the preparation

of certain foods and medicinals, on gastrointestinal motility in man.

The investigation of lysozyme output in ulcerative colitis, in which it was found that this enzyme was related to a generalized defensive process rather than

a specific etiologic one, was completed and prepared for publication.

The problem of hunger and appetite is important, particularly in relation to obesity in man. A study in progress for several years on the effect of placing food directly into the stomach of a dog through a gastric fistula on the amount of food the animal eats voluntarily by mouth afforded further evidence of the important influence of the central nervous system on the process of eating.

PATHOLOGY

A TOTAL of 8,046 specimens removed at operation were examined; 357 autopsies were performed, including 162 examinations of the cerebrospinal system, and 14 necropsies of stillborn babies. The laboratory for exfoliative cytology examined 1,848 smears for cell diagnosis.

Twenty trainees worked full-time in pathologic anatomy and surgical pathology. Part of their time was spent in neuropathology obtaining a comprehensive training in all phases of morbid anatomy. Four of the Department's graduates who are now at other hospitals volunteered for part-time duties here, either in research or in the supervision of the younger full-time trainees. Their services are greatly appreciated because they add to the efficiency of the Department in teaching and investigation. During the year, three fellows completed their training, obtained the diploma of the American Board of Pathology and were appointed pathologists and Laboratory directors in hospitals recognized for intern and resident training.

Such accomplishments were gratifying as was also the constantly increasing number of applications for training from young physicians aiming to practice medicine and surgery. This trend demonstrates that knowledge of basic principles of medicine founded upon training in morbid anatomy is of intrinsic value in the practice of medicine. The daily instruction of the Department's junior staff and of the house officers was integrated with the routine departmental activity. It was informal, applying the immediate perceptions and diagnostic deliberations of the Department's experienced senior members to the education of their junior colleagues. This technique of postgraduate teaching was complemented as in the past by more formal exercises, such as weekly and bi-weekly clinical-pathologic conferences conducted in cooperation with the Department of Medicine. The two postgraduate courses in general pathology and in surgical pathology, given by the Hospital in affiliation with Columbia University, were continued.

Investigations of the kidney with the aid of the phase microscope led to observations localizing the deposits of abnormal proteins within the intercapillary space of the glomeruli, between the basement membranes of the glomerular tufts. Studies were concluded regarding the influence of the scorbutic state upon the formation of connective tissue ground substance. It was shown that thyroidectomized guinea pigs in the scorbutic state treated with thyrotropic hormone show the same increase in orbital ground substance as those under standard diet.

Investigations of synovial fluid by paper chromatography led to the identification of 12 amino acids. These studies initiated research into the protein

constitution of the connective tissue ground substance.

Observations in systemic lupus erythematosus reported on last year led to conclusions regarding the role of the connective tissue in diseases of the cardio-vascular system. The problem of necrotizing arteritis was investigated by a member of the Department under a special fellowship grant. Histologic investigations were carried out on experimental atherosclerosis under the influence of cortisone treatment and cholesterol feeding. The homeostatic mechanism was investigated in dogs poisoned with mercury bichloride.

In neuropathology, studies were completed of infantile diffuse sclerosis and of Wernicke's encephalopathy in infants. The main research of this division concerned itself with an analysis of phosphatase activity in tissues, specifically to delineate the character of the enzyme activity in nuclei. The associate pathologist in charge of neuropathology was appointed assistant professor of neuropathology

at Columbia University.

The opening of the maternity pavilion and the intensification of pediatric activity added new demands for Pathology Department service which could not be satisfactorily absorbed with existing facilities. A subdivision was therefore created to cooperate with the Departments of Pediatrics and of Obstetrics and Gynecology. Dr. Lotte Strauss, a graduate of the Pathology Department who had been associate pathologist at Lebanon Hospital, was appointed associate pathologist assigned to pediatric pathology. While this subdivision is in primary affiliation with the Pathology Department, it also functions in cooperation with the clinical services and their education and investigative programs.

PHYSICS

THE clinical activity of the Radioisotope Group continued to grow, with 1,614 tracer doses of radioactive iodine administered for diagnostic purposes and 958 therapeutic doses given in cases of Graves' Disease and thyroid malignancy. This was an increase of 21 and 46 per cent respectively over the preceding year. The increase was due in part to a greater number of private referral patients to the group and also to the establishment of a Thyroid Clinic in the O.P.D. in 1951. The number of therapeutic doses used for O.P.D. patients rose from 139 in 1951 to 303 last year.

Increasing demand for the determination of radioactive iodine turnover in the blood as a diagnostic test of thyroid functions led to the construction of an optimal sensitivity scintillation counter which permits the iodine blood level determination while the patient waits, so that laboratory time is reduced and the

patient is saved an additional visit to the Hospital.

Therapeutic work with radioactive phosphorus in polycythemia vera and

leukemia was continued.

In collaboration with the Radiotherapy Department, radioactive gold was used in seven patients for treatment of ascites and pleural effusions due to metastatic disease, with definite palliative results in three cases and a symptomatic relief in another.

Experimental research in dose determination for a variety of β emitting radioactive isotopes led to a theoretical generalization of the results, which permits the calculation of dosage for any β emitter with known physical characteristics.

The requirements of clinical and research work with isotopes continued to make demands on the Laboratory for additional nuclear measuring equipment. To improve reliability, a new counting technique was explored, using magnetic computer elements instead of electronic counters.

Research on iron metabolism in anemias was continued in collaboration with the Hematology Laboratory. Work with Vitamin B₁₂ tagged by radioactive cobalt was started. Improved autoradiographic techniques were utilized in an attempt to trace individual red blood cells tagged with radioactive iron and phosphorus. The use of autoradiography in the investigation of thyroid malignancy was continued. The work with radioactive iron, cobalt and autoradiography was transferred at the end of the year to quarters in the new Berg Institute

of Research. The increased space permitted an expansion and intensification of

the program.

The joint work with Neurosurgery on localization of brain tumors with radioiodine-tagged fluorescein and serum albumen became an integral part of the routine diagnostic work-up of patients with suspected brain lesions. A total of 110 patients were studied with a high incidence of correct localization as checked on the operating table.

In collaboration with Neurology and Neurosurgery, an amplifying, recording and stimulating system was developed for work with action potentials in the brain. This equipment was used in studies of cortico-thalamic facilitation and inhibition

with multiple stimulation of various intervals.

For the Department of Surgery, a blood pump was designed and constructed for experimental cardiovascular surgery on animals, and a stress-strain analyzer was built for the investigation of elastic properties of arterial and venous walls,

particularly for the examination of changes in vascular grafts.

Methods of exposure, development control, calibration and testing for diagnostic radiology, developed in 1951, were used to a large extent after the rebuilding of the X-ray Department, in order to obtain uniform and reliable results from automatic development equipment, and from the variety of new and old X-ray machines. Mathematical assistance was given in the development of pelvimetry by the X-ray and Obstetrical Departments. Continuous film badge monitoring of X-ray exposure of professional and technical personnel was instituted, to insure that no health hazards were present in the established procedures. In the Radiotherapy Department, dosage measurements were made on a number of patients undergoing deep X-ray therapy. Three lectures a week were given to residents on fundamental and current physical problems in radiotherapy.

X-ray diffraction continued to be used routinely for the identification of renal and urinary calculi. Microplethysmography also continued to be used in the diagnostic work-up of patients with cardiovascular disease. Routine activities of the Laboratory, in addition to the work described, consisted of calibration of radiotherapy machines, processing and standardization of radioactive isotopes for clinical use, and the maintenance of therapeutic, diagnostic and research equip-

ment in various departments.

CARDIOGRAPHY

THE routine activities of the Cardiographic Department included electrocardiograms, heart sound tracings, pulse wave tracings, "2-step" exercise electrocardio-

grams, ballistocardiograms and the newer vectorcardiograms.

Although the "2-step" exercise electrocardiograms, which originated in our Department, have become an accepted test for coronary insufficiency, a long-term follow-up study was made on patients, to evaluate it further. A report of the study, presented before the American Medical Association last June, disclosed that coronary insufficiency is practically excluded when the "2-step" tests are negative, and virtually always present when positive.

We also reported on the association of disease of the biliary tract with disease

of the coronary arteries, showing that gallbladder disease and heart disease simulate each other and often occur simultaneously. The "2-step" exercise electrocardiogram is a means of distinguishing between them, despite the simi-

larity of some of the symptoms they produce.

The new limits reported in 1951 of the normal range of blood pressure in the ages of 16 to 65 were applied to a study of blood pressure prior to coronary occlusion. The study supported only as regards women the theory that "high" blood pressure was a precursor of coronary thrombosis in 60 to 80 per cent of all cases. Using the new criteria, only a minority of males had high blood pressure before their heart attack. Since nearly 13,000,000 people in this country are 65 and over, a study of the blood pressures of this group is being initiated for the first time and may yield much useful information. In studies of the value of new drugs in hypertension, we have particularly determined the usefulness of 688A (dibenzylidine).

Statistics have proved that obesity shortens the life span, but no definite attempt had hitherto been made to show the relationship between obesity and heart disease. The Laboratory therefore undertook an investigation comparing the weights of men with angina pectoris, acute coronary insufficiency, acute coronary occlusion, or hypertension with those of a control group of some 74,000 persons free of cardiac disease. The study showed that obesity is twice as preva-

lent among cardiacs as among others.

A study of hundreds of patients with angina pectoris and coronary occlusion led us to describe coronary disease as the most important of all cardiac diseases, occurring three times as frequently as all other heart diseases combined. We stressed the practical distinction between coronary occlusion (complete obstruction of a coronary artery) and coronary insufficiency (partial obstruction) because only

the latter can be prevented or cured.

Although chest pain is present in almost every coronary patient, it occurs also in functional heart disturbance, other forms of heart disease and extra-cardiac conditions. Toward enabling us to determine whether the chest pain stems from disease of the heart or other organ, or is nervous in origin, the Department began investigation of this factor to evaluate more closely its particular qualities in coronary disease.

Another study showed that approximately 40 per cent of patients complaining of cardiac symptoms such as shortness of breath and pain have functional heart

disturbances rather than a cardiac disease.

The electron microscope was used to study the muscles of the heart, with promising results. The Department continued in the forefront with those who are pioneering in ballistocardiography and vectorcardiography. An attempt was begun by us to standardize the procedure of taking a ballistocardiograph, so that tracings could be studied and evaluated universally. Our work with vectorcardiograms has attracted students and observers from many parts of the world.

THE Department's teaching activities featured a course on newer advances in heart diseases given at the Hospital in conjunction with the American College of Physicians and attended by 150 physicians from the United States and Canada.

New graphic methods in cardiology were demonstrated, and there were clinical-

pathological conferences and panel discussions.

Courses for postgraduate students in elementary and advanced electrocardiography continued to attract a high enrollment, including students from abroad. Special courses were instituted in electrocardiography for our interns. The Hospital Cardiologist and members of the Department read papers at many scientific meetings and had exhibits at others. The Department published three books, two monographs and almost 50 papers.

HEMATOLOGY

The Hematology Laboratory's activities continued to grow. With the addition of prenatal and obstetrical patients, new types of procedures had to be introduced. Micro-techniques, for example, previously not used in the Laboratory, became a routine procedure. A complete overhauling of the record and filing systems was made necessary and was promptly effected.

As indicated, routine requests increased. Many tests which a few years ago were related exclusively to research (e.g., serum iron determinations, oral and intravenous iron tests, radioactive blood volume determinations and prothrombin consumptions) became routine. These tests enable us to pinpoint deficiencies in the various anemias, in coagulation problems, hemolytic disease and obscure

hematologic disorders.

To help the Laboratory discharge its enlarged duties, the Hospital has increased the Resident Staff from one to two full-time residents plus an assistant

resident and was planning to provide adequate laboratory space.

Because hematology is primarily a specialty of techniques developing out of the Laboratory's research orientation, the emphasis on investigation continued, with three major problems uppermost. The problems were: iron metabolism in the anemias; pernicious anemia and Vitamin B₁₂; and lupus erythematosus. Other research centers have adopted methods developed on those projects here. Collaborating with Hematology were the Departments of Pediatrics, Physics and Pathology and the Blood Bank.

As part of the development of clinical and research hematology the training of younger staffmen is important. Thus research fellowships have been granted to four of our laboratory staff for work on the specific projects mentioned above. One of these is a travelling fellowship granted to one of our former medical residents for training in immunohematology at the Postgraduate Medical School in London. These fellows will form a well-trained nucleus for the future development of hematology in the Hospital.

Teaching has been confined to the postgraduate students and the House Staff. Our plans include more emphasis along these lines, but space limitations are restrictive. Fourth-year students from medical schools periodically select our Laboratory for training in this specialty. With the increase in laboratory facilities,

more intensive teaching programs and courses will be given.

We have also inaugurated a lecture series, "Seminars in Hematology," in which distinguished research workers in hematology are invited every month to

present the results of their studies. Exceptionally large attendance of the staff and physicians of the metropolitan area, has proved the need for such meetings.

Numerous papers and lectures were presented by the Laboratory staff during the year. Papers concerning the relationship of various enzymes to the lupus phenomenon appeared in a leading medical journal. The use of radioactive iron has been used in the study of anemias and an important paper concerning its use published from the Hematology and Physics Laboratories. Hemolytic anemia, polycythemia vera, the cytologic response to immune phenomena and other hematologic subjects comprised the publications of the past year. Lectures were given at the Academy of Medicine, Academy of Sciences, Veterans Administration and medical societies by the staff members and emphasized the growing interest on the part of the medical profession in Hematology and in Mount Sinai's contributions to this field.

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⁽r) Resigned

THE SCHOOL AND THE DEPARTMENT OF NURSING

WHILE the School of Nursing continued in its seventy-fifth year to maintain enrollment and standards and to keep the curriculum abreast of changing requirements, it was able to note its most significant progress in its continuing effort, limited only by the School's capacity, to make a nursing education available to the greatest possible number of qualified applicants regardless of ability to pay. The meaning of this concept in a time of paucity of professional personnel is self-evident.

For this substantial advance, the School is indebted to the estate of one of its earliest benefactors, the Murry and Leonie Guggenheim Foundation, which last spring established in its behalf a \$175,000 scholarship and student aid endowment fund. It was the late Murry Guggenheim who in 1905 established the first such fund for the School. Mr. Edmond Guggenheim is president of the Foundation.

Last October 14, scholarships from the new fund were awarded for the first time, with 133 students receiving \$50 each on advancing from the first to the second or second to third year. The fund also provides annually ten \$100 entering scholarships and other student benefits. It virtually assures that no worthy aspirant need be rejected by the School for lack of tuition or self-maintenance funds.

THE CENSUS OF THE SCHOOL AND DEPARTMENT OF NURSING AT THE CLOSE OF 1952

Director, School of Nursing and Nursing Service	I
Assistant Director, School of Nursing	I
Assistant Director, Nursing Service	I
Administrative Assistant	I
Supervisor of Instruction	I
Public Health Coordinator	I
Librarian	I
Instructors (full time)	14
Supervisors	17
Assistant Supervisors	10
Head Nurses	83
General Duty Nurses	18
	49
Students enrolled in the School	23
Practical Nurses, Nursing Aides and Ward Helpers 1	53

Owing to the clinical diversity of the Hospital, we have long been able to offer experience on the premises to students in all the specialties save one—obstetrics. Now, with the activation of the first maternity facility in the Hospital's history, the new Magdalene and Charles Klingenstein Pavilion, the faculty was completing plans to institute in 1953 training in that specialty, too, within the Hospital.

For 55 years, while Mount Sinai lacked a maternity pavilion of its own, obstetrical nursing training was made available to students by affiliation with the Sloane Hospital for Women, Columbia-Presbyterian. So felicitous was this long-time arrangement that we had come to take the kind cooperation of a great sister hospital for granted. It may be appropriate, therefore, to express again our deep appreciation to an esteemed neighbor.

 $T_{\rm HE}$ School's student census remained encouragingly high. As of December 31, there was a student body of 223, including 86 first-year (with preclinicals), 59 second-year and 78 third-year. Only eight other nursing schools in the state have an enrollment of 200 or more. Sixteen more students were admitted here in 1952 than in the previous year.

The reputation enjoyed by the School of Nursing is reflected in the wide area from which its students are drawn. Of the 101 who entered last year many, of course, were from the state, but there was also representation from Ohio, Massachusetts, Vermont, New Jersey, Connecticut, Pennsylvania and Tennessee. The increased enrollment is directly attributable to the awarding to worthy applicants of six Murry Guggenheim and ten Murry and Leonie Guggenheim Foundation entering scholarships.

Commencement exercises for 75 members of the Class of 1952 were held in the Blumenthal Auditorium on February 4. The event was made particularly enjoyable by the commencement address given by Colonel Frederick v. P. Bryan,

president of the Alumni Federation of Columbia University.

We were able to continue providing financial assistance to graduates desiring to avail themselves of nearby educational centers either to complete work toward a degree or to take special courses calculated to enhance their professional careers. With the aid of a Murry Guggenheim Graduate Scholarship, for example, Miss Phyllis Jennett, a 1947 graduate, was enabled to finish her program toward a B.S. degree at Teachers College. Several other faculty members also continued their graduate studies.

The curriculum committee of the faculty began a study of the first year's program with a view toward fuller integration of courses, elimination of repetition and more effective distribution of instruction. Apart from reviewing outlines of all courses, the study included a review of the functions and responsibilities of the various faculty positions. Students participated in the study of the curriculum.

Members of the faculty participated in community programs and attended local, state and national professional conclaves. Nine faculty members represented the School at the Hospital's Centennial Dinner at the Waldorf-Astoria on November 13.

Student extra-curricular activities continued to flourish and to contribute a balancing factor in the development of the individual as a social being as well

THE FACULTY OF THE SCHOOL OF NURSING

Grace A. Warman, B.S., M.A., R.N	Director, School of Nursing and
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PHYLLIS T. JENNETT, B.S., R.N	
Olga Krazinski, B.S., M.A., R.N	Supervisor of Instruction
Edith Uhlar, B.S., R.N	
SELMA NEEDLEMAN, B.S., R.N	
Grace Evans, B.S., R.N.	Assistant Instructor in Nursing Arts
Jean Boe, R.N	Assistant Instructor in Nursing Arts
CATHERINE CAFFERY, B.S., R.N	Science Instructor
THERESA LOSZEWSKI, B.S., R.N	
MARY SWEENEY, B.S., R.N	Assistant Science Instructor
Lena Maggilini	Clinical Instructor, Medical Nursing
Joyce Sufrin, B.S., R.N	Clinical Instructor, Surgical Nursing
CHARLOTTE LIPSON, B.S., R.N	Clinical Instructor, Pediatric Nursing
LILLIAN RUNNERSTROM, B.S., R.N	Instructor in Maternity Nursing
Edith G. Ryan, R.NSupe	ervisor of Nurses, Semi-Private Pavilion
Esther Horst, B.S., R.N	.Supervisor of Nurses, Private Pavilion
ALICE ROWE, M.A., R.N	
Edna Dillon, B.S., R.N	Supervisor of Nurses, Medical Pavilion
MARY LUBITZ, B.S., R.N	Supervisor of Nurses, Surgical Pavilion
SYLVIA BARKER, B.S., M.A., R.N	Supervisor of Nurses, Pediatric Pavilion
RUTH SPINK, B.S., M.A., R.NSupervi	isor of Nurses, Out-Patient Department
JEAN JOLLEY, R.N	Supervisor of Nurses, Operating Room
Susan Myerson, R.N	
CHARLOTTE HILL, R.N.	Evening Supervisor of Nurses
Esther Jacoby, R.N	.Supervisor of Nurses, Delivery Rooms
Erma Bahrenburg, B.S., R.N	
Helene Horowitz, B.S., M.A	Instructor of Physical Education
Dorothea L. Horstmann, B.S ln	structor in Nutrition and Diet Therapy
HELEN MORLEY, R.N	Librarian

as a professional nurse. The library, which has 1,049 different titles and 1,861 volumes, was able to add new publications and books for both student and faculty use. With the aid of the Scholle Fund for recreational and cultural activities, the

Student Association was able to implement an enjoyable program.

Among the social events were teas, dances, trips to The Oaks, concerts and motion pictures. Instruction was provided in the modern dance, choral singing, horseback riding and other arts and sports. The senior prom, held at the Hampshire House, was an outstanding event. An excellent yearbook was published. A new television set, long-playing records and fiction books provided many happy hours in the Student Lounge. Delegates from the Student Association participated in the Student State Association meetings here in October.

At a conference of schools of nursing faculty members and the State Edu-

A CLASS IN THE NURSING ARTS

cation Department, Associate Commissioner of Education Robert C. Killough declared that, since the shortage of professional nursing personnel cannot be reclaimed, the emphasis must be on assigning non-professional duties to auxiliary personnel. With equal conviction, he warned schools of nursing to resist the temptation inherent in the critical situation of compromising professional standards.

That our school has entertained no notions of altering standards is attested by the State Education Department itself which, following an inspection here,

reported in part:

"The purpose of this visit was to learn the progress the School has made in the interim since the last inspection. It was a most gratifying visit. A democratic spirit pervades the School, necessary organization exists and functions smoothly, records are maintained in good order, and there is an apparent interest in all persons related to the School. Both the School and the Hospital have made marked strides for improvement since the last survey, thus maintaining a history of progress."

No less gratifying has been the performance of our students in the State Board examinations. Last year the entire class of 75 passed. In the five years from 1948 through 1952, a total of 344 Mount Sinai candidates have taken and passed the State Boards without a failure—a remarkable record, indeed. The School was approved for 1953 by the Accrediting Service of the National League

for Nursing.

During the year, several favorable amendments were achieved in personnel practices affecting the graduate nursing staff, the most noteworthy of which was perhaps the doubling of the differential pay rate for evening and night duty.

The shortage of graduate nurses continued to be a vexing problem, which was ameliorated to some extent by the training and hiring of auxiliary personnel. The daily average of private duty nurses on duty in the Hospital during the year was 275, and of per diem nurses, 45. At year's end, there was a total of 153 practical nurses, nursing aides and ward helpers assigned in the Hospital. Of

17,794 requests for private duty nurses, we succeeded in filling 14,813.

In closing, I convey the gratitude of my fellow members of the Board of Directors for the past services of Mr. Richard Deutsch and Mr. Harold Wimpfheimer, whose resignations we accepted with regret. One of the vacancies was filled with acceptance of a place on the Board by Mr. William Rose II. For the functioning of the student health program we are indebted to Dr. E. Z. Epstein. The exemplary cooperation of Dr. Martin R. Steinberg, the director of the Hospital, and his staff made the year's accomplishments less difficult. And the Board would be remiss did it not reserve its deepest gratitude for the complete devotion of Miss Grace A. Warman, director of the School and of nursing service, her principal associates, Miss Minnie H. Struthers, assistant director of the School, and Miss Bessie I. Wolfson, assistant director of nursing service, and their many colleagues in the service of the school and the Hospital.

PHILLIP W. HABERMAN, JR., President The School of Nursing

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Mrs. Henry Siegbert

Mrs. Frank L. Weil

Mrs. Hugo Kastor

^{*} Resigned

THE SOCIAL SERVICE DEPARTMENT AND AUXILIARY

THE SOCIAL SERVICE DEPARTMENT

In reviewing the activities of the past twelve months, a most significant achievement was the study made of the organization and functions of the Social Service Department. Mrs. Celia R. Moss, of Pittsburgh, Pa., was engaged for this analysis. Such surveys are usually traumatic experiences for the personnel of an agency, but Mrs. Moss's presence did not disturb or dislocate the activities of the Department to any great extent. The entire staff gave her wholehearted cooperation and shared with her every detail of its work. At her request, a special Advisory Committee of physicians, Social Service Auxiliary members and administration representatives was appointed by Dr. Martin R. Steinberg, the Hospital director. The already existing Committee on Social Service of the Medical Board held a meeting for a discussion of the plans for the Department's review. A preliminary report was submitted to Dr. Steinberg and the completed report was expected early in 1953.

Meanwhile, the Department began to implement some recommendations which were considered feasible. There has already been effected a gradual change from 100 per cent contact with ward patients to a more selective intake policy. It was expected that gradually the resident physicians would be able to assume more responsibility in referring patients with problems to the social worker.

New discharge sheets were added to the medical charts to help focus the attention of physicians on better discharge practices and to enable referrals to the

social worker to be made on a more individualized basis.

The reorganization of Social Service in the medical clinics which began in 1951 was extended last year to the Eye, Skin, Genito-Urinary, and Ear, Nose and Throat Clinics. Under the new plan, one worker acts in the capacity of intake worker and refers patients requiring intensive casework help to a designated worker. A case aide is assisting in place of the third worker in this arrangement. It is expected that the intake worker will be able to spend more time with physicians while patients are in the clinic and interpret to the physicians the social and emotional factors and their effect on the medical care of the patients.

The entire Ward and Clinic Orthopedic Services were placed under the direction of one worker to permit greater continuity of service to patients. An evaluation of the function of the workers indicated that a case aide could be substituted for the second case worker because many of the duties were of a routine nature. With this assistance, the social worker is now able to give more

of her time to casework needs.

Daily visiting on the Children's Wards was initiated during the year and the results were favorable. The children appeared to accept hospitalization more easily and parents were more accessible to workers for interviews.

There was a change in the trend of our summer work with children, more parents making their own arrangements for camp care through the Jewish Vacation Association. Comparing 1952 summer placement figures in Child Psychiatry with previous ones, a gradual increase was found each year in the numbers sent to camp. This would seem to show that as physicians and case workers, through longer contacts, come to know more about the patients and their families, the therapeutic benefits of camp care for even a brief period become more recognized.

When the Hospital undertook a group pilot project for the study, diagnosis and treatment of cleft palate and cleft lip cases, Social Service was asked to provide a part-time case worker. By redesignating some of the Pediatric Services, we were able to assign a Pediatric surgical worker to this project. The clinic intake increased rapidly until it required two-thirds of the worker's time. Her work consists of interviewing mothers, compiling developmental data for diagnostic use, evaluating family situations with reference to their implication upon medical care and the effect upon patient adjustment to his problem and his total rehabilitation. Up to the year's end, the emphasis was on the diagnostic function, but as the clinic expands, increased treatment responsibility will be assumed by the

social worker and her full time will be required.

During the establishment of the Prenatal Clinic and Maternity Ward, the director of Social Service and a case worker participated with other professional Hospital personnel in a number of meetings, and also had the opportunity to consult with the obstetrician and nurses individually to determine lines of responsibility. This liaison proved important in developing a program of improved service to patients and a more harmonious staff relationship. With regard to those ward and clinic maternity services, we consulted with a few appropriate agencies in the community to determine matters of common interest. The great need for casework on the Maternity Service is shown by the following figures: In August, the first month, the caseworker was active on eleven cases, whereas in December, she was active on eighty-five cases. By the year's end, 405 cases were registered in the Prenatal Clinic and the social worker was helping on 161 of them. The rate of increase in referrals from the medical team, nurses, receptionist, registrar and others attested to an awareness of patients' problems and an understanding of the caseworker's function.

The problems occurring on the Maternity Service are as varied as life itself and range from unwed mothers to pregnant women whose husbands are seriously disturbed emotionally and to whom having a child may create serious complications. Housing of many of the families is deplorable, although if the husband is a veteran and the annual family income is below \$2,500, the chances for better housing in projects supported by public funds are good. A letter from the caseworker in exceptional cases frequently expedites action. However, it is not to be supposed that the solution to the problem is very simple, for it usually takes weeks and, more likely, months to get results. The care of children during the mother's confinement is another problem and apt to be a source of genuine concern to her, especially if the husband is in the armed services and there are

no relatives. Such a difficulty must be worked out on an individual basis. A careful review and discussion with the patient will frequently lead to a satisfactory plan, but it may be necessary to refer the family to an appropriate community agency. To some women, pregnancy is a real hazard. This is especially true with cardiacs, the tuberculous and the diabetic. Again, in the event that the home situation is not too good, community agencies can be used to strengthen it during this period. Marital problems also may be intensified or brought to a climax by pregnancy. Because of these many complications, sound judgment is imperative if we are to help the individual to receive proper professional attention.

S EVEN casework vacancies occurred and some were not filled by the year's end. There is still a shortage of adequately trained social workers. One former

caseworker returned to the staff after completing professional training.

The social workers evidenced continued interest in community affairs and used every opportunity to participate in meetings, conferences and committee groups. The general staff meetings were largely devoted to discussions by

speakers from agencies frequently used by the staff.

The Educational Supervisor, as chairman of the Staff Education Committee of the North Atlantic District, American Association of Medical Social Workers, had the responsibility for the completion and publication of the report on "Criteria for Staff Education Programs," which has attracted considerable attention in the field of medical social work and has had a fairly wide national distribution. Of special interest is the fact that our departmental program for staff education influenced and also served as a laboratory experiment for the criteria developed in the report.

We were invited, as the representative of the voluntary hospitals, to participate in a seminar conducted for attendance officers by the Board of Education, and to interpret to the group the role of the voluntary hospital and its social

service department.

The Child Psychiatry Division was accepted as an associate member of the American Association of Psychiatric Clinics for Children. The senior case worker

is the clinic representative of the New York-New Jersey Regional Group.

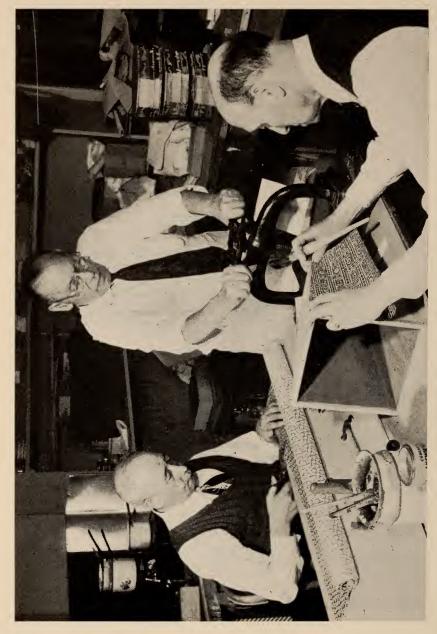
The basic unmet needs in the community as reported over the last few years were not materially changed. Inadequate housing accommodations, the dearth of facilities for the care of the chronically ill and the aged, and many other similar problems persisted.

THE SOCIAL SERVICE AUXILIARY

Miss Angie Jacobson, a member of the Social Service Auxiliary since 1918, resigned on account of ill health. Miss Jacobson had been an invaluable member of the Board, having at one time been secretary and chairman of volunteers. Her resignation was accepted with regret. Mrs. Richard Bernheim was elected to fill the vacancy and joined the Board in April.

Under the able leadership of Mrs. Myron I. Borg, better cooperation has been achieved during the United Hospital Fund Campaign, resulting in increased

returns.



In order to keep abreast of Federation developments, "Highlights," a bulletin issued by the Women's Division of Federation, was read at our monthly meetings.

The co-chairmen of the Volunteer Committee, Mrs. George Lee and Mrs. Robert H. Kridel, made a survey of the volunteer departments of eight voluntary hospitals and presented a report of their findings to the Auxiliary. Their report, which included specific recommendations for reorganizing the volunteer unit at Mount Sinai, was approved by the Auxiliary and by the Board of Trustees. As a result, a Department of Volunteers was created in April, with a full-time director, on an administrative basis similar to that of other departments within the Hospital.

The reorganization has resulted in an extension of volunteer service throughout the Hospital. Many new policies were initiated, such as the awarding of specially-designed Mount Sinai pins based on 150 hours of service. They were presented for the first time in December at a "Sherry Party" for volunteers. The record shows an increase of 6,482 hours of service from May to November over the same six-month period in 1951. At the year's end there were 202 volunteers listed in the active files, all assigned to vital areas of work within the Hospital. It is hoped that the Volunteer Department will continue to relieve an overburdened professional staff and to grow with an expanding, complex Hospital.

Mrs. Victor S. Riesenfeld and Mrs. Jesse Asinof undertook to study the recreational program in other hospitals and the needs for recreation of patients on our adult wards. They interviewed many physicians, nurses, social workers and patients, and discovered a general desire and need to institute such a program here. On the basis of their report to the Social Service Auxiliary and to the Administration, funds were allocated to conduct a pilot experiment. Ward K was selected for the project which began in October, and Dr. Jack Ruthberg, an assistant director of the Hospital, was designated to work with the Recreation Committee.

Because ours was the first such program in an acute, voluntary hospital, Mrs. Beatrice H. Hill, recreation consultant to the Rehabilitation Service of Bellevue and Goldwater Memorial Hospitals and the Institute of Physical Medicine and Rehabilitation, volunteered her services to inaugurate the experiment. She brought a number of trained volunteers with her. We obtained others through the Red Cross, which is training volunteers especially for recreation in hospitals, and from our own Volunteer Department.

Within a week, the program was extended from one ward to three, and a part-time professional worker was needed. Funds to cover the salary for eight weeks and to provide a small, working budget were granted by the Social Service Auxiliary, which subsequently extended the grant to include an additional two months' work. A climax of the new experiment was a successful Holiday Party

on December 19 for all adult wards.

In December, a conference was held with Dr. Steinberg, Dr. Ruthberg, Dr. Gutman and the President of the Social Service Auxiliary to evaluate the experiment. The medical reaction was unanimously favorable. Mrs. Alfred A. Cook graciously authorized the use of income up to \$6,000 from the Ruth M. and Alfred A. Cook Fund to finance a one-year experiment in hospital recreation.

There was a distinct understanding that, if the Hospital wished to continue the program after the first year, its financing will become part of the regular hospital budget. The program will involve the services of a full-time professional worker and the purchase of basic equipment. So once again, Mount Sinai has become

a pioneer in new techniques.

Our Children's Recreation program, one of the oldest in the city, is a great help to the nurses, as well as to the patients on the wards. The child recreation worker, formerly called kindergartner, is aided in this program by a large and interested group of volunteers and the wholehearted cooperation of the nurses on the children's wards. It is hoped in time that this program can be made more effective by the addition of a part-time assistant and that it may expand to include semi-private patients. Mrs. William M. Cahn, Jr., is chairman of the committee in charge of this program.

The Maternity Committee, chaired by Mrs. Alfred A. Cook, had its first meeting in June. At that time, plans for a Babies' Alumni were discussed. Mrs. Cook obtained the cooperation of a group of women connected with Temple Emanu-El who, under the leadership of Mrs. Irving Katz, have undertaken to supply our Maternity Ward services with baby clothes for mothers unable to afford them. The clothes are distributed on a carefully determined basis by the social worker and nurses in the Prenatal Clinic. Through special arrangement, The Free Milk Fund for Babies, Inc. agreed to give milk daily to ten expectant mothers with very low incomes. A library consisting of books on prenatal care and related subjects of an educational nature was started for the use of clinic and ward patients.

The Gift Shop, also one of our new ventures, which opened June 17, has developed into a thriving, busy center. With the exception of its manager, it is entirely staffed by volunteers who give regular hours, including weekends and evenings. The Gift Shop has been a great convenience to Hospital personnel, patients and visitors. The unusual selection and attractive display of merchandise have received many favorable comments. Mrs. Robert M. Benjamin, chairman, and her able committee have given unstintingly of their time to make this project

a success

Mrs. Louis M. Loeb, chairman of the Committee on the Physical Set-up of the Social Service Department, presented a preliminary statement regarding reassignment of the Department's space.

The Social Service Workroom continued to serve a useful purpose. The Green Box, the retail outlet, was open for two months at 971 Madison Avenue. During that time over 120 new customers were added to the list. They came in attracted by the window display and were greatly interested when told of our rehabilitation project. The gross sales for the two-month period totaled \$10,500, an increase of \$1,000 over last year. Miss Edith Sachs is chairman of the committee.

The Library increased its service to patients and helped alleviate many tedious hours. Many patients develop an interest in reading for the first time and it is necessary for the Library to maintain on its shelves reading matter which provides entertainment for many age levels and diverse cultural backgrounds. Therefore,

our plea for more books will remain a constant one, Mrs. Edward J. Rosenwald,

chairman of the Library Committee, reported.

Mrs. William D. Scholle, chairman of the Occupational Therapy Committee, has been making a thorough survey of occupational therapy departments in other voluntary hospitals. The results of her findings will be given serious considera-

tion in improving this service.

The case committee meetings continued to be well attended. The range of cases discussed offered a stimulating insight into medical and pediatric casework, its current trends and problems as found in our Hospital and as related to other agencies in the community. Dr. Steinberg attended several monthly meetings to discuss the Hospital's plans and problems. Other topics of interest included hospital chaplaincy service and hospital recreation programs. Mrs. Frank L. Weil is chairman of the committee that instituted these successful meetings.

We continued to bring to the Board requests from members of the staff for study subsidies, which the Board has been generous in granting. During the year, ten staff members received grants for twelve courses at various schools and the second-year scholarship was granted at the Pennsylvania School of Social

Work to one of our case workers.

We are deeply grateful to the community agencies which have helped us in our work, especially the Federation of Jewish Philanthropies and the United

Hospital Fund.

I cannot close this report without thanking the director of the Hospital and his assistants, the director and staff of our Social Service Department, and the members of the Social Service Auxiliary for their devotion and loyalty.

Hortense M. Hirsch, President Social Service Auxiliary

OFFICERS AND DIRECTORS OF THE NEUSTADTER FOUNDATION

Mrs. Walter A. Hirsch	President
James Felt	vice-President
Carl H. Pforzheimer, Jr	Treasurei
Carl J. Austrian	ant Treasures
Mrs. Samuel A. Sicher	Secretary

Louis W. Abrons
Carl J. Austrian
Joseph F. Cullman, Jr.
Mrs. Henry H. Elias
James Felt
*Mrs. Arthur H. Harlow
Mrs. Walter A. Hirsch
*Mr. Leonard A. Hockstader
Mrs. Leonard A. Cohn
Mrs. Joseph Klingenstein
Mrs. Percy W. Lansburgh
George Lee
Carl H. Pforzheimer, Jr.
Mrs. Samuel A. Sicher
Mrs. Edwin C. Vogel

Honorary Director
Albert Forsch

^{*} Resigned

THE NEUSTADTER HOME FOR CONVALESCENTS

IN considering the overall subject of convalescent care, I decided to try to find out when convalescent care was first mentioned in medical annals. Strangely enough I discovered that it was considered important even in the time of the ancient Romans and Greeks, many centuries before the advent of so-called modern medicine. In the mid-1800s, in France, the government built two convalescent care homes, one for women and one for men. In World War II, increased attention was given to convalescence because of the anxiety to get the men back in the ranks and also because of a more humane interest in the well-being of the individual soldier.

At present, convalescence is considered a post-hospital phase of illness, just as there is a hospital phase. It is the time between illness and recovery, when we attempt to undo the psychological impact of being hospitalized. This aim guides

us and is the sum total of all that we seek to achieve at Neustadter.

Some of the more important statistical figures will afford an insight into the scope and direction of the year's accomplishments. Our total expenses for 1952 were \$185,631.51 as compared to \$172,126.70 in 1951. The cost per patient-day in 1952 was \$8.92 as against \$8.33 in 1951, an increase of \$.59, certainly a very small percentage considering the spiraling costs in foods, general maintenance and salaries, and the additional fact that the entire personnel of Neustadter was now on a 40-hour week. The income per patient-day was \$3.90 in 1952 as compared with \$3.11 in 1951, so that the loss per patient day in 1952 was \$5.02 as against \$5.22 in 1951.

A total of 988 patients was admitted during the year. There were 20,407 patient-days in 1952 compared to 20,330 in 1951. There were 357 "city" patients. The total number of patients cared for was 1,118, including holdovers from 1951. The average daily census was 55. The average length of stay was 21-plus days.

The professional staff, including physicians, numbered 22, the domestic and maintenance staff 27, and there were four part-time workers. Dr. Herman Zazeela continued to head the medical staff on which Drs. Jonas H. Sirota and George S. Naumburg, Jr., also served. A wide variety of unusual cases at Neustadter last year included many more severely-ill patients and an increase in the number of cardiac and psychiatric cases. As a consequence, our nursing staff had a greater strain from the point of view of both work and responsibility, and it was to the credit of Miss Olive Rathbun, the head nurse, and her associates that the task was handled so well.

Mrs. Edwin C. Vogel, chairman of our Medical Committee, had conferences with representatives of the Mount Sinai Medical Staff and Administration to review the policy of admitting such sick patients. It was resolved to screen more carefully at the Hospital before admission, but to continue to take cases as serious as we were equipped to care for.

Forty-four patients of a total of 988 were sent back to Mount Sinai because of relapses or complications, an increase of four per cent over previous years. This indicates the degree of illness of some Neustadter patients. In January, we received an application for appointment as resident physician from Dr. Robert Fisher and he was appointed in March to serve for six months. Dr. Fisher had a foreign medical degree and, while completing studies prior to examinations for his American medical degree, was glad to give his services. The very presence of a resident physician gave our patients and nursing staff a great feeling of security. We are now hoping that a plan will be evolved so that we will have interns from Mount Sinai on a rotating basis. Not only would this give security to patients and staff, but the intern himself would receive valuable experience in a phase of medicine not found in hospital training. Knowledge gained at Neustadter would serve as a nucleus for better integration between Mount Sinai and the Home.

The salary scale of nurses was reviewed and revised upward again in compliance with the Mount Sinai schedule, the increase amounting to about ten per cent. We again supplemented our registered nurse staff with practical nurses and aides although the latter positions were difficult to fill.

Forty-seven per cent of our patients were on special diets. Miss Karola Weisenbeck, our dietitian, had many difficulties to overcome, such as resentment against special diets, and encouraging patients on regular diets to be tolerant of their other table companions. The 40-hour week, instituted June 15 for domestics, made it necessary to add one more employee to the dietary staff.

In occupational therapy, we tried, as usual, to encourage patients to accept the project promising the best therapeutic results. Projects were often selected by the patient as a possible means to future earning power and to develop new skills in the reorientation towards a new occupation because of a changed physical condition. For this reason, leather projects were extremely popular. Projects were also selected as outlets for emotional conflicts. Those so selected were more creative, such as working with ceramics or metal, or participating in and preparing for recreational events (making props, writing skits and actually performing, etc., in the entertainment of other and older groups).

Because of the presence of sicker patients, we needed more outside entertainment. In this regard, we were fortunate to benefit from the ability of Mrs. Hedwig Planner, our occupational therapist, to bring to the Home a variety

of artists of diversified talent.

When Miss Esther Weissbluth became ill, we engaged in June a new occupational therapy assistant, Mrs. June Delvalle. I regret to announce that Miss Weissbluth, who had served us so well, died on October 10.

The Hospitality Shop was self-sustaining, while continuing to serve patients, their friends and the staff. It was the social center of the Home, particularly on visiting days.

Miss Elsie Siff, our Social Service worker, resigned in September, and was replaced on October 20 by Mrs. Edith Kates, who is filling the position intelligently and conscientiously. Her major functions are in terms of patient emotional adjustment to illness, to the life they will be returning to, as well as to the

Home. Mrs. Kates had regular conferences with Dr. Zazeela and Dr. Naumburg. A monthly staff discussion was held with physicians, the superintendent, social worker, recreation worker and nurses. Dr. Naumburg's exceptional understanding of emotional problems contributed greatly to patient convalescence and adjustment.

We continued through the year to participate in the Conference Group on Convalescent Care of the United Hospital Fund which had interesting meetings

on overall matters pertaining to convalescent care.

Mrs. Genevieve Edmonds and her staff continued to manage the Home in a highly efficient manner, with our slogan "The Patient Comes First" always in mind. Without this selfless devotion on the part of all these people, we could not have maintained our high standards.

We continue to have visitors from many parts of the country and to receive numerous requests for information regarding Neustadter. We endeavored in

every way to assist other agencies in planning for better convalescent care.

In the fifteen years that it has been my privilege to serve as President of Neustadter, I have found a growing understanding of the functions of a good convalescent home. There has been a gradually broadening concept of the part convalescent care plays in the individual's restoration to health and his return to normal living in the community.

It is with real regret that I must report the resignations from the Board of Mrs. Arthur H. Harlow and Leonard A. Hockstader who had for many years

given valuable and loyal service to the Home.

On behalf of our Board, may I thank all those who have helped bring Neustadter to its present position in the convalescent field, including Dr. Martin R. Steinberg, Mrs. Louis Mendelsohn, Miss Elizabeth Dixon and the Mount Sinai Social Service Department, Dr. Zazeela, Dr. Naumburg and Dr. Sirota, Mrs. Edmonds and the entire Neustadter staff, as well as all others who have given of themselves in Neustadter's interest.

HORTENSE M. HIRSCH, President The Neustadter Foundation

THE MOUNT SINAI HOSPITAL TREASURER'S REPORT

COMBINED STATEMENT OF DEFICITS OF THE FOUR SOCIETIES

For the Year Ended December 31, 1952

Operating Deficits: Hospital	
School of Nursing	
Social Service	
Ladies' Auxiliary	
Total Operating Deficits	\$2,382,637.72
Receipts Applied Toward Operating Deficits: Payments by:	
City of New York for Part Maintenance of	
Free Ward Patients and for Custodians \$659,252.62	
1 Tee ward rations and for Custodians \$\pi_0_9,252.02	
Contributions:	
Federation of Jewish Philanthropies:	
Hospital	
School of Nursing 210,000.00	
Social Service	
Greater New York Fund (through Federation) 86,060.00	
United Hospital Fund:	
Hospital \$64,224.05	
Social Service 37,802.44	
102,026.49	
Miscellaneous Donations:	
Hospital	
Total Receipts Applied Toward Operating Deficits	1,888,994.99
Deficit Before Income from Investments	\$493,642.73

Note: The above figures do not include appropriations from principal and/or income of special funds for stated non-budgetary purposes amounting to \$692,599.87.

STMENTS: \$105,259.24]
sing	
me from Investments	
Societies) for the year Ended December 31, \$384,722.45	Net 195
OF HOSPITAL DISBURSEMENTS AND RECEIPTS	S
For the Year Ended December 31, 1952	
g Disbursements:	Hosp Ad
s and Pensions \$472,106.75	
vice 54,632.51	
Printing	
——————————————————————————————————————	1
ninistration \$646,884.10	
of Patients: ages:	
vice\$1,052,901.60	
278,695.08	
ervice 35,602.62	
25,640.45	
160,598.92	
nd Clinical Secretaries 42,285.46	
argical Supplies	Γ
essional Care of Patients 2,209,034.41	
rtment:	* Qu
ages\$112,892.26	
8,740.89	

Total Out-Patient Department.....

121,633.15

^{*}Includes only items directly and exclusively chargeable to the department. The addition of indirect charges would result in a much higher total figure. For example, the cost of conducting the OPD, including proportionate indirect costs properly chargeable to it was approximately \$685,000, excluding the Social Service Department.

Radiography Department: Salaries and Wages. Supplies	\$84,122.28 69,849.03	
Total Radiography Department		\$153,971.31
Radiotherapy Department: Salaries and Wages. Supplies	\$16,726.51 3,041.23	
Total Radiotherapy Department		19,767.74
Electrocardiograph Department: Salaries and Wages	\$13,464.68 5,795.31	
Total Electrocardiograph Department		19,259.99
Department of Laboratories: Salaries and Wages	\$362,514.82 62,380.47	
Total Department of Laboratories		424,895.29
Provisions		677,782.73
Dietary Department: Salaries and Wages Supplies	\$314,961.73 19,191.82	
Total Dietary Department		334,153.55
Housekeeping Department: Salaries and Wages. Furniture and Housefurnishings. Crockery and Silverware. Beds and Bedding.	112,016.08 32,285.92	
Total Housekeeping Department		377,437.35
Laundry Department: Salaries and Wages Supplies	\$102,538.28 12,093.23	
Total Laundry Department		114,631.51

General House and Property Expenses:Salaries and Wages\$259,143.33Renewals and Repairs139,066.13Light, Heat and Power218,310.97	
Total General House and Property	\$616,520.43
Insurance	77,316.17
Contributions to Employees' Retirement Fund and Social	!
Security Taxes	112,236.78
Auditing and Accounting Department:\$130,587.96Salaries and Wages\$130,587.96Sundries37,980.19Stationery and Printing6,336.09Postage9,175.76))
Total Auditing and Accounting Department	184,079.94
Total Hospital Operating Disbursements	\$6,089,604.45
HOSPITAL OPERATING RECEIPTS: From Patients: Private Pavilion \$1,513,988.00 Semi-Private Pavilion 1,302,354.98 Semi-Private Maternity 17,860.92 Ward 933,263.25 Ward-Maternity 9,855.96 Out-Patient Department 173,783.10	6(a) 6(a)
Total from Patients	
Total Hospital Operating Receipts	4,250,073.72
Total Hospital Operating Receipts	

⁽a) On November 1, 1952, one floor of the Klingenstein Maternity Pavilion was opened to care for Semi-Private and Ward maternity patients.

THE MOUNT SINAI HOSPITAL SCHOOL OF NURSING TREASURER'S REPORT

STATEMENT OF OPERATING DISBURSEMENTS AND RECEIPTS

For the Year Ended December 31, 1952

OPERATING DISPUBLIES TO STATE OF THE PROPERTY OF THE PROPERTY

OPERATING DISBURSEMENTS:		
*Pay Roll:		
Graduate Nurses	\$87,126.68	
Student Nurses	18,083.34	
Tuition	55,481.62	
Health Service	3,500.00	
Office Assistants	8,820.35	
Housekeeping	69,401.72	
		\$242,413.71
Uniforms		6,123.01
Sundries		2,416.81
Advertising		2,454.12
Stationery and Printing		734.65
Household Supplies		10,734.94
Telephone		2,321.64
Books		3,342.92
Graduation Exercises		2,499.33
Total Operating Disbursements		\$273,041.13
OPERATING RECEIPTS:		
Matriculation Fees		20,045.00
Operating Deficit		\$252,996.13

^{*}Includes only expenditures for teaching purposes. For cost of nursing service, see Hospital Operating Disbursements.

THE SOCIAL SERVICE AUXILIARY TREASURER'S REPORT

STATEMENT OF OPERATING DISBURSEMENTS AND RECEIPTS

For the Year Ended December 31, 1952

OPERATING DISBURSEMENTS:

	Appliances	9
	Convalescent Care 10,070.5	8
	Relief (Emergency, Rent, Moving Expenses,	
	Rehabilitation, etc.) 6,939.4	
	Shoes, Clothing, etc	•
	Transportation	
	Education and Recreation Supplies	
	Salaries	
	Workers' Expenses	I
	Office Supplies (Including Stationery, Printing and	
	Postage)	
	Affiliation Dues	
	Magazines, Newspapers and Incidentals 374-4	
	Total Operating Disbursements	\$220.578.84
		. 4220,5/0104
(Derating Receipts: Refunds from Patients	2 22 7 02
	Refunds from Patients	. 3,335.92
(Operating Deficit	\$217.242.02
	ZERITINO DELIGITATION DE LA CONTRACTOR D	=======================================
	SPECIAL ACCOUNT	
E	Balance, January 1, 1952 \$2,905.4	5
	Receipts:	
Т		4
	Donations	+
	Funds	8
		-
	Total Credits	. \$34,980.28
Т		. "3477
T	DISBURSEMENTS: Special Accounts	2
	Summer Work 3,779.4	
	Transferred to Regular Account towards deficit 15,000 0)
	Transferred to Regular Account towards deficit 15,000.00) -
		-
	Transferred to Regular Account towards deficit 15,000.00 Total Disbursements	-
E	Total Disbursements	28,464.28
H		28,464.28

THE LADIES' AUXILIARY SOCIETY TREASURER'S REPORT

STATEMENT OF OPERATING DISBURSEMENTS

For the Year Ended December 31, 1952

Linens and Bedding. \$44,262.52 Wearing Apparel 28,605.42	
Total Operating Disbursements	\$72,867.9
Operating Deficit	\$72,867.9

FORM OF BEQUEST

I give and bequeath to The Mount Sinai Hospital of the City of New York, incorporated in 1852,

the sum of	
to be used for	•
	••••••

AN OPPORTUNITY FOR INVESTMENT IN MEDICAL RESEARCH

Exterior construction of the Atran General Laboratory Building has been completed. But, to provide the researchers and clinicians who man the Hospital's research program—the largest conducted by a non-university institution—with the tools indispensable to their tasks, the interior of the Laboratory must be completed and equipped now.

A gift toward completion of the Laboratory—entailing the individual scientific facilities listed below—will amount to an investment in medical discovery, for Mount Sinai has traditionally rewarded the generosity of its patrons with achievements advancing medical science.

The Hospital welcomes memorialization by its friends of these laboratories and other facilities.

Fa

acility Diet Vitabon (Europimental)	Cost
Diet Kitchen (Experimental)	
Cancer Research	
Neurophysiology	75,000
Cardiophysiology	75,000
Endocrinology	30,000
Hematology	75,000
Parasitology	25,000
Chemotherapy	50,000
Tuberculosis	35,000

(Continued on page 4 of blue insert)

A BRIEF STATEMENT OF TI

\$6,656,092
4,273,454
2,382,638
284 772

An analysis of the cost included in the above total operating expenses of the Hospital revealed that:

Approximately \$5,689,000 was spent for the care of 15,776 patients who were admitted to the Hospital. Of these patients, over 45 percent were cared for in the wards, free or below cost.

Approximately \$685,000 was spent in the Hospital's ninety Out-patient clinics for care of needy patients.

Approximately \$282,000 was spent for Social Service work for 6,316 patients, to help solve economic and social problems which prolonged illness so often involves.

The above operating expenses do not include approximately \$693,000 spent for medical and scientific research, postgraduate medical education, and other projects not classified as annual maintenance of the Hospital. These activities

ANCIAL PICTURE FOR 1952

re supported by funds which have been donated by generous sponsors and llocated for such purposes.

The years since the war's close constitute a period of unprecedented growth at The Mount Sinai Hospital in terms of new buildings and physical expansion of facilities and growth also in terms of exploiting for the community the full benefits of the rapidly expanding medical knowledge.

Most of the plans, as formulated by the Trustees in 1942 in anticipation of the war's end and the new responsibilities it would bring, are now realities. The broadening of the medical education program has benefited hundreds, neluding physicians returned from the Armed Forces and in need of reorientation. The Hospital's first maternity service is in operation. Scientists are at work in the Berg Institute of Research and the Atran Laboratory Building is near completion. A pioneer plan in psychiatry instituted in 1947 has become a model for the practice of psychosomatic medicine by a general hospital. Many other necessary expansions and innovations have been effected.

In the face of this growth, the Hospital has failed to maintain the strength of its financial reserves, which are its assurance of present security and future flexibility in the discharge of its responsibilities. In this expansion period, large deficits have drawn upon these reserves, accumulated in prior years, to the extent of \$3,300,000. The Hospital, therefore, urgently needs, at this time in its history, capital funds for the further realization of its vital expansion program, capital and memorial donations, and legacies. It is upon such rebuilding of capital reserves that the well-being and future of the Hospital depend.

(Continued from page 1 of blue insert)

Mycology	25,000
Serology	50,000
Allergy	30,000
Immunology	50,000
Virology	75,000
Immuno-Chemistry	35,000
Ultracentrifuge	30,000
Electron Microscope	30,000
Photometry	15,000
Microbiology	100,000
Mass Spectrography	70,000
Pharmacology	50,000
Organic Chemistry	120,000
Colloidal Chemistry	50,000
Physical Chemistry	50,000
Optical Research	30,000
Vitamin Research	50,000
Electronics	50,000
X-Ray Research	35,000
Radioactive Isotopes	50,000
Biophysics	75,000
Construction of New Department of Pathology	425,000
(Adapted from prospectus issued by the Board of Trustees Oct. 5, 1951)	

An Expression of Gratitude

HE record of benefactions to the Hospital which follows does not include gifts in support of new construction made through either the Building Fund of the Federation of Jewish Philanthropies of New York or the Mount Sinai-Montefiore Building Completion Fund. These will be recorded when the full lists become available. To all those who have so contributed, the Hospital meanwhile expresses its deepest gratitude.

BEQUESTS AND DONATIONS RECEIVED FOR SPECIAL PURPOSES DURING YEAR 1952

Donations of items other than money are included in the GIFTS TO SOCIAL SERVICE beginning on page 151 and in DONATIONS IN KIND on page 100.

The Abraham Foundation, Inc.—For Hematology Research Fund Mr. and Mrs. Morris Abrams—In memory of Mr. Harry Steger—	\$ 200.00
For neurological research	50.00
Harry C. Adler—For non-budgetary purposes	10.00
Altman Foundation—For gastroenterology research	2,500.00
Arthur G. Altschul—For Electrocardiograph Research Fund	1,000.00
American Academy of Arts and Sciences—For Quantitative Micro-	
analysis of Keto-Steroids	1,500.00
American Cancer Society, Inc.—For research in X-ray diffraction	1,836.00
American Heart Association, Inc.—For Congestive Heart Failure	
Fund	3,150.00
American Heart Association, Inc.—For research in renal physiology	3,150.00
American Heart Association, Inc.—For research in Edema	813.75
Ames Company, Inc.—For the analysis of bile acid	300.00
Ivan M. Annenberg—For the 1951 Laboratory Completion Fund	100.00
The M. L. Annenberg Foundation—For non-budgetary purposes	500.00
Anonymous—For congestive heart failure study	1,000.00
Anonymous—For the 1951 Laboratory Completion Fund (addi-	
tional gift)	750.00
Anonymous—In honor of Dr. Ralph Colp—For Surgical "C"	
Research	500.00
Anonymous—For non-budgetary purposes	500.00
Anonymous—For non-budgetary purposes	500.00
Anonymous—For non-budgetary purposes	350.00
Anonymous—For non-budgetary purposes	120.00
Anonymous—For neurological research	100.00
Anonymous—In memory of Mr. Max Hexter—For non-budgetary	
purposes	100.00
Anonymous—In memory of Mr. Louis H. Harris—For non-budg-	
etary purposes	100.00
Anonymous—For non-budgetary purposes	100.00
Anonymous—For non-budgetary purposes	50.00
Anonymous—For the 1951 Laboratory Completion Fund	50.00
William Anshine—For gout research	10.00
Ar-Bee Men's Wear Inc.—For non-budgetary purposes in the	
Children's Pavilion	5.00

Mrs. Leo Arnstein—For the 1951 Laboratory Completion Fund Max L. and Albert H. Arnstein Foundation, Inc.—For Surgical	515.63*
"C" Research Fund	1,000.00
research	500.00
D. G. Aronberg—For non-budgetary purposes	50.00
Sarah Aronowitz Aid Society, Inc.—For Diabetic Research Fund Arthritis and Rheumatism Foundation—New York State Chap-	850.00
ter—For research on arthritis	4,600.00
Finkelstein—For cancer research	10.00
Fund	5,000.00
Associated Alumni of The Mount Sinai Hospital—For Library Lew Auster—In memory of Dr. William M. Hitzig's parents, Mayer and Shantsya Hitzig—For equipping an Ultra-Centri-	300.00
fuge Room in the new laboratory	2.500.00
Lou Auster—For cancer research	500.00
(additional gift)	500.00 ~
Avon Books Charitable Foundation, Inc.—For psychiatry research Avon Books Charitable Foundation, Inc.—For the Dr. Eli	1,500.00
Moschcowitz Fund	250.00
Frederick F. Bach—For the 1951 Laboratory Completion Fund Mr. and Mrs. Herman F. Baerwald—For the 1951 Laboratory	500.00
Completion Fund	250.00
Mrs. Nathan Bandell—In memory of Dr. Samuel M. Peck's mother	100.00
—For Dermatological Research Fund	25.00
Morris Banilower—For the 1951 Laboratory Completion Fund	25.00
Harold Baron—For Diabetic Research Fund	10.00
Edgar Barsotti—For non-budgetary purposes	10.00
John H. Barton—For gout research	100.00
Dr. Morris B. Bender—For neurological research	45.00
neurological research	100.00
(additional gift)	15,101.25*
(additional gift)	
Fund	1,500.00
Research	100,000.00
Irving Berger—For Diabetic Research Fund	200.00 5.00

Mrs. Manuel Berman—In memory of Dr. Louis Unger—For non-	
budgetary purposes in the Radiotherapy Department George B. Bernheim—For the 1951 Laboratory Completion Fund	10.00
(additional gift)	5,000.00
Dr. Edgar M. Bick—For the 1951 Laboratory Completion Fund Mr. and Mrs. Frederick B. Bierer—For the 1951 Laboratory	500.00
Completion Fund	302.19*
Mrs. Robert Binger—For the 1951 Laboratory Completion Fund	500.00
Louis K. Bleecker—For gout research	50.00
fuge Room in the new laboratory	100.00
Alexander Seligmann—For cancer research	25.00
budgetary purposes in the Children's Pavilion	100.00
budgetary purposes Mrs. Lucy Blumenthal—For study in blood pressure in persons 65	100.00
years of age and over	500.00
Fund	1,000.00
Mrs. Bessie Bragen—For Eye Research Fund	50.00
Samuel I. Brandt—For gout research	500.00
equipping an Ultra-Centrifuge Room in the new laboratory Bertha Brenner Memorial Library Fund—In memory of Bertha	2,500.00
Brenner—Established by her friends and associates	6,462.50
Leonard Brody—In memory of Elaine Katz—For non-budgetary	
purposes	10.00
Mrs. Harry Bronner—For non-budgetary purposes	100.00
Nathaniel H. Brower—For rhinoplasty research	100.00
Paul M. Buseck—In memory of Mr. Frank Zeitlin	25.00
Michael G. Campagna—For Neurosurgery Research Fund Cancer Philanthropic League, Inc.—For home care of cancer	100.00
patients	10,000.00
tion Fund (additional gift)	15,875.00*
tology Research Fund	25.00
Oscar Cohen—For the Nose and Throat Cancer Fund	2,500.00
non-budgetary purposes	10.00
Mrs. Leonard A. Cohn—For the 1951 Laboratory Completion Fund	5,040.00*

Mr. and Mrs. Norman Cohn—In memory of Marjorie Cohn Lam-	
bert—For Diabetic Research Fund	100.00
Alvin E. Coleman—For Electrocardiograph Research Fund	100.00
Dr. Ralph Colp—For the 1951 Laboratory Completion Fund	
(additional gift)	5,000.00
Dr. Ralph Colp—For cancer research	100.00
Harold S. Cone—For Research Fund	50.00
Mrs. Jeanette Cone—For non-budgetary purposes of the Urology	
Service	200.00
E. E. Cook—For cancer research	5.00
Sheldon R. Coons—In memory of Sergeant Sheldon R. Coons,	
Jr.—For the 1951 Laboratory Completion Fund (additional	((0 *
gift)	2,668.75*
Sheldon K. Coons—In memory of Dr. Albert D. Lasker—For non-	
budgetary purposes	25.00
Sheldon R. Coons—In memory of Mr. Edwin I. Hilson—For non-	
budgetary purposes	25.00
Mrs. Alice Cooper—In memory of Mrs. Ida Pessin—For cancer	
research	10.00
Mr. and Mrs. C. Louis Cooper—For non-budgetary purposes in the	
Congenital Cardiac Clinic	25.00
Mrs. Sarah Covin—For the 1951 Laboratory Completion Fund	100.00
Mr. and Mrs. Clement S. Crystal—For cancer research	50.00
Edgar M. Cullman—For the 1951 Laboratory Completion Fund.	1,552.50*
Joseph F. Cullman, Jr.—For the 1951 Laboratory Completion Fund	0 *
(additional gift)	8,175.00*
Joseph F. Cullman, Jr.—For educational purposes	1,100.00
The Charles E. Culpeper Foundation, Inc.—For non-budgetary	
purposes	200.00
Mrs. Louis Cynamon—For non-budgetary purposes	25.00
Mrs. Max Danziger—For non-budgetary purposes	50.00
Charles Daum—For the 1951 Laboratory Completion Fund	25.00
Dr. Leo M. Davidoff—For neurological research	228.40
Mrs. J. Clarence Davies—For the Dr. Eli Moschcowitz Fund	100.00
Mr. and Mrs. J. Clarence Davies, Jr.—For the Dr. Eli Moschcowitz	
Fund	25.00
Dazian Foundation for Medical Research—For Fellowships	12,300.00
Dazian Foundation for Medical Research—For research in spatial	
vectorcardiography	2,500.00
Dazian Foundation for Medical Research—For neurological	
research	260.00
Harry Dendo—For equipping an Ultra-Centrifuge Room in the	
new laboratory	100.00
Richard E. Deutsch—For the 1951 Laboratory Completion Fund	16,666.66
Max Dichter—For gout research	100.00
Mrs. D. Alan Dillenberg—For non-budgetary purposes	100.00

Dr. Henry Dolger—For neurological research	300.00
A. K. Dubin—For non-budgetary purposes	10.00
Samuel Eckman—For the 1951 Laboratory Completion Fund	1,000.00
Irving Edelson—For Diabetic Research Fund	100.00
Louis H. Ehrlich—In honor of Mr. Joseph F. Cullman, Jr.'s birth-	
day—For non-budgetary purposes	25.00
Dr. David Eisenstein—For neurological research	200.00
Mrs. Henry H. Elias—For the 1951 Laboratory Completion Fund	500.00
Lee Ellis—For gout research	100.00
Mr. and Mrs. Arthur K. Ettlinger—For non-budgetary purposes	50.00
John Feeney—For gout research	10.00
Mr. and Mrs. Joseph Feil—In memory of Mr. Harry Steger—For	
neurological research	50.00
Dr. Emanuel H. Feiring—For neurosurgical research	85.65
Rabbi Max Felshin—For non-budgetary purposes	100.00
Mr. and Mrs. James Felt—For the 1951 Laboratory Completion	
Fund (additional gift)	2,850.00
Mr. and Mrs. A. Leon Fergenson—For the Dr. Eli Moschcowitz	
Fund	25.00
E. B. Fisher—For gout research	250.00
Mrs. Henrietta Fishman—For non-budgetary purposes	10.00
John Flystra—For the 1951 Laboratory Completion Fund	100.00
Isidore Forman—For non-budgetary purposes	30.00
Mrs. Leon Frank—In memory of Rebecca Halpert—For non-budg-	
etary purposes	5.00
Mrs. Leon Frank—In memory of James G. Mathias—For non-	
budgetary purposes	5.00
The Jules Fribourg Memorial Fund—For research on arthritis	1,500.00
Harry G. Friedman—In memory of Mr. Joseph M. Price—For the	
1951 Laboratory Completion Fund	2,500.00
Dr. Jacob H. Friedman-For Electrocardiograph Research Fund.	15.00
Henry Friedricks Foundation, Inc.—For the 1951 Laboratory Com-	
pletion Fund	500.00
The Friedsam Foundation, Inc.—For the 1951 Laboratory Com-	
pletion Fund	50,00,0.00
A Friend of the Dr. Joseph Brettauer Fellowship Fund—Given in	
his memory	1,200.00
Two Friends to celebrate the Birthday Anniversary of Mrs. Leonie	
Guinzburg—For Research	1,512.50
Percy M. Frowenfeld—For the Dr. Eli Moschcowitz Fund	25.00
Percy M. Frowenfeld—In memory of Clara F. Dickson—For the	
Dr. Eli Moschcowitz Fund	25.00
Hugh Fulton—For gout research	500.00
Manny Gantz—For non-budgetary purposes	25.00
Dr. John H. Garlock—For the 1951 Laboratory Completion Fund	2,000.00
James B. Gaynor—For the 1051 Laboratory Completion Fund	100.00

George F. Geis—For non-budgetary purposes	250.00
Ben Gelfand—For the 1951 Laboratory Completion Fund	50.00
Geschickter Fund for Medical Research—For investigation of the	
Diethyl Amide of Lysergic Acid	24,750.00
Dr. Leon Ginzburg—For the 1951 Laboratory Completion Fund.	1,000.00
The Glazier Foundation—For the 1951 Laboratory Completion	-,
Fund	1,000.00
Louis Glickman—For the 1951 Laboratory Completion Fund	100.00
Harry Gold—For the Nose and Throat Cancer Fund	100.00
Dr. Morris A. Goldberger—For Gynecological Research Fund	
Mrs. Lewis K. Goldman—In memory of Mr. Sidney S. Prince—	35.66
For non-hydrotory nurnoces	2
For non-budgetary purposes	25.00
Harmon H. Goldstone—For non-budgetary purposes	25.00
Mrs. S. S. Goldwater-For the Dr. S. S. Goldwater Fellowship	
Fund	3,000.00
Estate of Sophie L. Goodhart—For non-budgetary purposes as	
determined by the Board of Trustees	75,000.00
A. Goodman and Sons, Inc.—For the 1951 Laboratory Completion	
Fund	250.00
Milton Gordon—For non-budgetary purposes	50.00
D. S. and R. H. Gottesman Foundation—For the 1951 Laboratory	
Completion Fund	5,000.00
Sydney Gottesman and Bernard Neibart—In memory of Anna G.	
Lowenstein—For non-budgetary purposes	5.00
Mr. and Mrs. Leo Gottlieb-For the 1951 Laboratory Completion	
Fund (additional gift)	1,420.00*
Miss Mollie Grater—In memory of Mr. Louis Joseph Grater—For	71
cardiac research	25.00
Harold E. Gray-For the Greater Mount Sinai Hospital Develop-	-5
ment Fund (additional gift)	500.00
Harold E. Gray—In memory of Mr. Lawrence Lyon Goldsmith—	,,,,,,,
For non-budgetary purposes	250.00
Albert L. Greenspan—For Surgical "A" Research Fund	100.00
Mrs. Nettie L. Greenwald—For non-budgetary purposes	
Susan Greenwall Foundation, Inc.—For orthopedic research	50.00
	1,000.00
Mrs. Jerome F. Gropper—In memory of Mrs. Lina Blumenthal—	
For pediatric research	10.00
Mrs. Goldie A. Gross-In memory of grandson, Howard Hinder-	
stein—For Neurosurgery Research Fund	10.00
Dr. and Mrs. Charles I. Grossman-In memory of Mr. Harry	
Steger—For neurological research	10.00
Dr. Isaac Grossman—For neurological research	300.00
The Daniel and Florence Guggenheim Foundation—For the 1951	
Laboratory Completion Fund (additional gift)	100,000.00
Mrs. Murry Guggenheim—For the 1951 Laboratory Completion	
Fund	25,000.00
Tunu	-),000,00

Mrs. B. J. Gumpert—For eye research	50.00
Robert K. Haas—For the 1951 Laboratory Completion Fund	2,576.25
Irving Halperin-For non-budgetary purposes in the Semi-Private	.,,,
Children's Ward	36.00
Chauncey H. Hand—For neurological research	750.00
Dr. Murray J. Hanigsberg—For neurosurgery research	25.00
Dr. William Harris—For radiotherapy research	36.97
Mr. and Mrs. Jesse Hartman—For purchase of equipment for the	3.77
Cardiac Clinic	212.50
Cardiac Clinic	
Research rund	75,000.00
John C. Hendricks—In memory of Althea Murphy—For leukemia	10,
research	5.00
Joseph Herman—In memory of Mrs. Anna S. Herman—For	
Surgical "A" Research Fund	25.00
Mr. and Mrs. A. Herzig-In memory of Mr. Harry Steger-For	
neurological research	10.00
Mrs. Thomas B. Hess—For the Dr. Eli Moschcowitz Fund	150.00
Mr. and Mrs. David M. Heyman—For the 1951 Laboratory Com-	
pletion Fund (additional gift)	20,038.75
Hilson Fund, Inc.—For the 1951 Laboratory Completion Fund	, 3 , 7
(additional gift)	8,000.00
Mrs. Herman Hinderstein-In memory of Son, Howard Hinder-	
stein—For Neurosurgery Research Fund	25.00
Mr. and Mrs. Edgar A. Hirsch, Jr.—In memory of Goldye Wacht	
—For non-budgetary purposes	5.00
Steven J. Hirsch—For the 1951 Laboratory Completion Fund	2,162.50
Mrs. Walter A. Hirsch—For the 1951 Laboratory Completion	2,102.50
Fund	4.425.00
	4,425.00
Henrietta and Stuard Hirschman Foundation—For non-budgetary	
purposes	5,000.00
Mr. and Mrs. Leonard A. Hockstader—For the 1951 Laboratory	0 ,
Completion Fund (additional gift)	3,487.50
Hoffmann-La Roche, Inc.—For clinical study of myasthenia gravis	1,000.00
Mrs. Emmie K. Holzman—In memory of her brother, Mr. Albert	
M. Kahn—For non-budgetary purposes in the Cardiac Chil-	
dren's Ward	1,000.00
Dr. J. Horowitz—For gout research	25.00
Estate of Frederick Housman-For the Frederick Housman Fund	
for Medical Research	71,235.06
Mrs. Stella S. Housman—For non-budgetary purposes	2,500.00
Miss Edith Hughes and Miss Nora Brennan—In memory of Mr.	
Waldemar Kops—For non-budgetary purposes	25.00
Dr. A. Hyman—For Electrocardiograph Research Fund	250.00
Joseph Jacobs—For Diabetic Research Fund	100.00

Joseph Jacobs—In memory of Etta Jacobs—For Diabetic Research	
Fund	25.00
tion Fund	250.00
Ja Da Dress Company—For cancer research	30.00
and research expansion	50,000.00
Mrs. Herman Jervis—For Child Psychiatry Fund	500.00
Jeryal Dress Company—For cancer research	50.00
Miss Alice M. Johnston—For the Dr. Eli Moschcowitz Fund	250.00
J. W. Jonasson—For non-budgetary purposes	25.00
George S. Jones—For non-budgetary purposes	250.00
Research Fund	100.00
William T. Kadin—For Research Fund	200,00
Kany Foundation, Inc.—For non-budgetary purposes	400.00
Patrons of Karlak's Restaurant—For cancer research	49.00
Julius Kass—For the 1951 Laboratory Completion Fund	100.00
Mrs. Sadie Kaufax—For non-budgetary purposes	25.00
Judge Irving R. Kaufman—For gout research	200.00
non-budgetary purposes in the Dental Department	15.00
Dr. Julius Kleeberg—For investigation on peptic ulcers	500.00
D. Klein—For the 1951 Laboratory Completion Fund	50.00
research	25.00
Room in the new laboratory	500.00
Joseph J. Klein—For the Dr. Eli Moschcowitz Fund The Esther and Joseph Klingenstein Fund, Inc.—For the 1951	100.00
Laboratory Completion Fund (additional gift)	70,000.00
purposes	25.00
Dr. Percy Klingenstein—For the 1951 Laboratory Completion Fund Employees of Knott Hotel Corp.—In memory of Mr. Siegmund	5,272.50*
Hollander—For research on arthritis	30.40
Miss Emily Kobe—For non-budgetary purposes	21.50
Mrs. Waldemar Kops—In memory of Mr. Waldemar Kops—For	
non-budgetary purposes	1,027.01*
non-budgetary purposes	25.00
Stanley Kotis—For gout research	50.00
Jack D. Kramon—In memory of Dr. Harry E. Ehrlich—For	
cancer research	100.00

Melvin Krauss—For neurological research	15.00
Abraham Krieger—For neurological research	50.00
Dr. Jerome L. Krieger—For neurosurgery research	20.00
Mortimer Lahm—In memory of Mrs. Lilly Hacker—For non-budg-	
etary purposes	25.00
Leo L. Landes—For Diabetic Research Fund	50.00
Mr. and Mrs. Alex Landesco, Jr.—In memory of Dr. Harry E.	
Ehrlich—For non-budgetary purposes	25.00
Myer Lapidus—For Eye Research Fund	30.00
Dr. Murray A. Last—For the Dr. Murray H. Bass Fund	25.00
Miss Frances U. Lauber—In memory of Iyda Levitt—For Research	
Fund	3.00
Dr. Joseph Laval—For non-budgetary purposes	200.00
Lederle Laboratories Division, American Cyanamid Co.—For con-	
gestive heart failure study	7,150.00
George Lee—For non-budgetary purposes	50.00
Mr. and Mrs. George Lee—For the 1951 Laboratory Completion	~ 000 00
Fund (additional gift)	5,000.00
Mr. Joseph F. Cullman, Jr.'s birthday	50.00
Senator and Mrs. Herbert H. Lehman—For the 1951 Laboratory	50.00
Completion Fund	7,893.13
Senator and Mrs. Herbert H. Lehman—For Electrocardiograph	7,093.13
Research Fund	2,000.00
Philip Lehman Foundation—For the 1951 Laboratory Completion	2,000.00
Fund	10,000.00
Robert Lehman Foundation—For the 1951 Laboratory Completion	10,000.00
Fund	10,000,00
Judge Samuel S. Leibowitz—For Surgical "A" Research Fund	10,000.00 250.00
Alvin Leventhal—For gout research	25.00
Nathan W. Levin—For the 1951 Laboratory Completion Fund	500.00
Sam Levin—For non-budgetary purposes	500.00
Morris Levine—For gout research	200.00
A. Levitt—For the 1951 Laboratory Completion Fund	
Edward I. Levy—For gout research	3,000.00
	250.00
Edward I. Levy—For non-budgetary purposes	10.00
Mrs. Samuel D. Levy—For non-budgetary purposes	10.00
A. J. Lewis—For the 1951 Laboratory Completion Fund	50.00
Emanuel Library Fellowship Fund, Inc.—In memory of Dr.	
Emanuel Libman—For the Dr. Emanuel Libman Fellowship	
Fund	4,000.00
Liebman Breweries, Inc.—For the 1951 Laboratory Completion	
Fund	2,000.00
Max Liebman—For non-budgetary purposes in the Children's	
Pavilion	25.00

Life Insurance Medical Research Fund—For investigation on the	
biology of the connective tissue	6,825.00
Life Insurance Medical Research Fund—For Fellowship	500.00
Eli Lilly & Co.—For investigation of Amytal Sodium	2,500.00
Edward I. Linde—For the 1951 Laboratory Completion Fund	750.00
Misses Rose and Fanny Lippert—In memory of Mr. Harold B.	
Lippert—For cancer research	10.00
Mr. and Mrs. Albert A. List-For research in physiological	
hematology	3,500.00
Mr. and Mrs. Henry A. Loeb—In memory of Mrs. Lewis Scham-	
berg—For General Fund	35.00
Mr. and Mrs. Henry A. Loeb-For the 1951 Laboratory Comple-	
tion Fund (additional gift)	5,000.00
Adolf Lorch—For non-budgetary purposes	50.00
Mrs. Kathryn A. Lord-In memory of Mr. Harry Steger-For	0
neurological research	18.00
Joe Lowe—For Diabetic Research Fund	250.00
Dr. Ernest C. Lowenstein—For Neurosurgery Research Fund	500.00
Ernest Lowenstein Foundation, Inc.—For Research Fund	1,000.00
Leon Lowenstein Foundation, Inc.—For Surgical "A" Research	
Fund	1,000.00
Herbert B. Luria—For non-budgetary purposes	50.00
Estate of Sigmund Lustgarten—To be used for Dermatology	14,567.76
M. McInerney—For gout research	15.00
Employees of McKenzie Service—In memory of Mr. Arthur Boxer	
—For non-budgetary purposes	56.50
Monti L. Maduro—In memory of his mother and brothers—For	
the 1951 Laboratory Completion Fund	500.00
H. Mah—For non-budgetary purposes	24.00
Mrs. Jerome I. Maier—For the 1951 Laboratory Completion Fund	200.00
The Mainzer Minton Trust—For research on the culture of the	
virus of infant diarrhea	2,500.00
Nathan Marcus Benevolent Society, Inc.—In memory of Mr.	
Morris Segall—For psychiatry research	25.00
Boris Margolin—For Electrocardiograph Research Fund	100.00
Edwin I. Marks—For the 1951 Laboratory Completion Fund	3,000.00*
Jack Martin Polio Fund, Inc.—To establish a Respirator Center for	
the treatment of "polio" cases	30,000.00
Mrs. Margaret Marton—In memory of Mr. Otto Marton—For	
cancer research	25.00
Joseph Maslon—For gout research	50.00
Dr. Arthur M. Master—For Electrocardiograph Research Fund.	2,487.96
Mrs. Arthur M. Master—For Electrocardiograph Research Fund.	8,000.00
Miss Grace M. Mayer—In memory of Dr. Leo Kessel—For non-	
budgetary purposes	10.00
purposes	

The Mead Johnson Research Laboratories—For Diabetic Research	
Fund	3,500.00
Mrs. Leon E. Meadow—For non-budgetary purposes	25.00
Mrs. Arthur C. Mendelsohn—In memory of Annette S. Mendel-	
sohn—For books and literature on cancer	25.00
Mrs. Arthur C. Mendelsohn—In memory of Mrs. Eva Rose—For	
books and literature on cancer	10.00
William Menke—For the Elsa and William Menke Fellowship	
Fund	3,375.63
The William S. Merrell Co.—For investigation of PDC and	
PICA as new sedatives	1,430.00
Charles Merrill—For non-budgetary purposes	1,062.81
The Merrill, Lynch, Pierce, Fenner and Beane Foundation, Inc.—	
For the 1951 Laboratory Completion Fund	1,000.00
Estate of Annie Nathan Meyer—For the Dr. Alfred Meyer	
Foundation	62,860.35
Mr. and Mrs. Eugene Meyer—For the 1951 Laboratory Completion	
Fund	50,793.75
Mrs. Matthew A. Meyer—For the 1951 Laboratory Completion	
Fund	500.00
Harry Miller—In memory of Mrs. Harry Miller—For the 1951	
Laboratory Completion Fund	100.00
Modern Dress Company—For cancer research	25.00
Paul A. Monkmeyer and Family—In memory of Mr. Frank B.	
Zeitlin—For Research Fund	10.00
Mrs. Joseph Morrison—For non-budgetary purposes	25.00
Henry and Lucy Moses Fund, Inc.—For clinical study of myas-	
thenia gravis	270.00
Charles C. Moskowitz—For the 1951 Laboratory Completion Fund	1,000.00
Mrs. Charles B. Moss—In memory of Miss Annette S. Mendelsohn	
and Mr. B. S. Moss—For cancer research	50.00
H. Muehlstein—For the Nose and Throat Cancer Fund	1,000.00
Mr. and Mrs. Nathan Nathanson—For neurological research	250.00
The National Foundation for Infantile Paralysis, Inc.—For the	0
effect of cortisone on experimental poliomyelitis (additional)	103,458.00
The National Foundation for Infantile Paralysis, Inc.—For the	0 0
study of water metabolism in poliomyelitis (additional)	18,148.00
The National Foundation for Infantile Paralysis, Inc.—For neuro-	
logical research	900.00
Elsie and Walter W. Naumburg Foundation, Inc.—For the Elsie	
and Walter W. Naumburg Fund (additional)	5,000.00
Elsie and Walter Naumburg Foundation, Inc.—For the 1951 Lab-	
oratory Completion Fund	5,000.00
Robert M. Naumburg—For clinical study of myasthenia gravis	100.00
Pearson E. Neaman—In memory of Mrs. Rose Sternberg—For	
non-budgetary purposes	10.00

Julius L. Neidle—In honor of Mr. Joseph F. Cullman, Jr.'s birth-	
day—For non-budgetary purposes	25.00
Completion Fund	25.00
Jerome A. Newman—For the 1951 Laboratory Completion Fund	2,000.00
New York City Cancer Committee of the American Cancer	2,000.00
Society, Inc.—For support of Cancer Detection Center	8,250.00
New York Heart Association, Inc.—For study in blood pressure in	0,2,0.00
persons 65 years of age and over	7,625.00
Nichols-Morris Corporation—For non-budgetary purposes	500.00
Jacob Nisenbaum—For non-budgetary purposes	5.00
Dr. Jan Niwes—For Electrocardiograph Research Fund	50.00
The Aaron E. Norman Fund, Inc.—For the 1951 Laboratory Com-	, , , , ,
pletion Fund	20,000.00
Mrs. Manfred Nussbaum—For the 1951 Laboratory Completion	,
Fund	10.00
Dr. Clarence P. Oberndorf—For Electrocardiograph Research	
Fund	200.00
Bernard Oestricher—In memory of Mrs. Sophia Oestricher—For	
Surgical "C" Research	500.00
Surgical "C" Research	
pletion Fund	1,034.31*
Jerome H. Oppenheimer—For non-budgetary purposes	150.00
Mrs. Leopold Oppenheimer—In memory of Mr. Leopold Oppen-	•
heimer—For a Rotating Treatment Unit	5,000.00
Mrs. Kermit E. Osserman—In memory of Mr. Fritz Kaufman—	
For clinical study of myasthenia gravis	10.00
Fund	= 000 00
Fund	5,000.00 25.00
Paper Novelty Mfg. Co.—For Research Fund	250.00
Pennwoven, Inc.—For the 1951 Laboratory Completion Fund	100.00
Dr. M. Murray Peshkin—In honor of Dr. Bela Schick's 75th birth-	100.00
day—For the Dr. Bela Schick Lectureship Fund	100.00
Petersam Dress Company—For cancer research	40.00
Mrs. L. Pilzer—For research on arthritis	200.00
Planned Parenthood Federation of America, Inc.—For the study	
of artificial immunization in the production of sterility	2,368.00
J. C. Prentice—For non-budgetary purposes	4,500.00
Marvin Price—For Diabetic Research Fund	25.00
Nat Propis—In memory of Dr. William M. Hitzig's parents, Mayer	
and Shantsya Hitzig—For equipping an Ultra-Centrifuge	
Room in the new laboratory	250.00
Ezra Putnoi—For neurological research	50.00
Judge Benjamin J. Rabin—For gout research	200.00
J. A. Rabinovich—For Electrocardiograph Research Fund	200.00

Sydney M. Rafelson—For the 1951 Laboratory Completion Fund	25.00
William C. Ragals—For Research Fund	200.00
Meyer Rapaport Fund—For Renovation of Pediatric Pavilion	5,000.00
Meyer Rapaport Fund—For the Dr. Eli Moschcowitz Fund	50.00
Regal Garment Corp.—For non-budgetary purposes	25.00
Howard E. Reinheimer—For non-budgetary purposes	50.00
Mrs. Howard E. Reinheimer—In memory of Dr. Martin Ware—	
For non-budgetary purposes	15.00
Dr. Henry Reiss—For non-budgetary purposes	100.00
Anna Renfield Charitable Trust—For the Nose and Throat Cancer	
Fund	1,000.00
Sidney Rheinstein—For the 1951 Laboratory Completion Fund	
(additional gift)	3,337.50
Dr. Alexander Richman—For the 1951 Laboratory Completion	
Fund	200.00
Dr. Alexander Richman—For Library	10.00
Dr. Harry Richman—In memory of Mr. Harry Steger—For neuro-	
logical research	100.00
Mr. and Mrs. L. H. Robbins-In memory of Dr. Miles B. Cheli-	
mer—For non-budgetary purposes in dental clinic	5.00
Miss Mae Rocklin—For non-budgetary purposes	22.50
Mrs. Minnie Rogoff—For Diabetic Research Fund	10.00
Mr. and Mrs. Alfred L. Rose—For the 1951 Laboratory Comple-	
tion Fund	23,312.50
Mrs. Alfred L. Rose—In memory of Mr. Samuel Rosner—For non-	
budgetary purposes	25.00
Murray M. Rosenberg—For the 1951 Laboratory Completion Fund	
(additional gift)	10,350.00
The Rosenstock Memorial Foundation, Inc.—For the Rosenstock	,5,7
Memorial Foundation Fellowship Fund	3,000.00
The William Rosenwald Family Fund, Inc.—For the 1951 Lab-	3,000.00
oratory Completion Fund	500.00
Murray Rosner—For the 1951 Laboratory Completion Fund	25.00
Mrs. Louis F. Rothschild—For the 1951 Laboratory Completion	25.00
	500.00
Fund	500.00
Dr. I. C. Rubin—For the celebration of the centennial	1,000.00
Julius W. Rubin—For rhinoplasty research	250.00
Mr. and Mrs. Samuel Rudin—For Electrocardiograph Research	
Fund	250.00
Charles K. Rudman—In memory of Mrs. Anna Gross—For	
Diabetic Research Fund	40.00
Charles K. Rudman-In memory of Mr. Nathan Katzin-For	
Diabetic Research Fund	10.00
Charles K. Rudman—In memory of Pearl Pomper—For Diabetic	
Research Fund	25.00

The Damon Runyon Memorial Fund for Cancer Research, Inc.—	
For research on brain tumor localization	10,000.00
S. and S. Machinery Co.—For neurological research	1,000.00
Miss Edith Sachs—For the 1951 Laboratory Completion Fund	2,000.00
Howard J. Sachs—For the 1951 Laboratory Completion Fund Sadowsky Foundation, Inc.—For the 1951 Laboratory Completion	1,000.00
Fund	1,000.00
Henry Sadowsky—For Surgical "C" Research Fund	250.00
William Sambur and Gilbert Tilles—For neurological research Sandoz Chemical Works, Inc.—For Electrocardiograph Research	500.00
Fund	700.00
Dr. I. Scotty Schapiro—For hematology research Schenley Laboratories, Inc.—For research on the effect of adrenal cortical extract on the metabolic effects of ACTH and	250.00
Cortisone	1 2,0 00.00 1,011.69*
Dr. Daniel E. Schneider—For neurological research	
Grace and Edith Schneider Memorial Fund, The New York Community Trust, Inc.—In memory of Grace and Edith Schneider	150.00
—For non-budgetary purposes	1,700.00
Fund	10.00
Schneiderman Family—For the 1951 Laboratory Completion Fund	300.00
Samuel S. Schneierson—For non-budgetary purposes Mr. and Mrs. William D. Scholle—For the 1951 Laboratory Com-	1,250.00
pletion Fund (additional gift)	5,500.00*
Mr. and Mrs. Louis Schulman—For gout research	2,000.00
Mrs. Robert Philip Schultz—In memory of Frances Becker—For	
cancer research	50.00
Mr. and Mrs. Ira A. Schur—For the 1951 Laboratory Completion Fund (additional gift)	3,462.50*
Mr. and Mrs. Ira A. Schur—In memory of Mr. Edwin Mosler—For	3,402.50
non-budgetary purposes	25.00
Dr. Adolph A. Schwartz—For neurological research	100.00
Sam Schwartz—For Diabetic Research Fund	46.00
Mrs. Fannie Schwarz-In memory of Mr. Harry Steger-For	·
neurological research	10.00
Maximilian Schweizer—For non-budgetary purposes	160.71
G. D. Searle & Co.—For investigation of Banthine	2,700.00
Lewis R. Shafarman—In memory of Dr. William M. Hitzig's	
parents, Mayer and Shantsya Hitzig—For equipping an	
Ultra-Centrifuge Room in the new laboratory	25.00
Benjamin Shapiro—For the Iodine Research Fund	5,000.00
Mrs. Henry Siegbert—For the 1951 Laboratory Completion Fund	5,050.00*
S. Siegel—For gout research	25.00
Dr. Louis H. Sigler—For non-budgetary purposes	25.00

Mr. and Mrs. A. Silverman—In memory of Mr. Harry Steger—	
For neurological research	10.00
George A. Sloan—For non-budgetary purposes	100.00
Smith Periodical Fund—For Library Fund	22.00
Dr. Oscar J. Sokoloff—For neurosurgery research	50.00
John Somyak—For the 1951 Laboratory Completion Fund	100.00
Benjamin Sonnenberg—For the 1951 Laboratory Completion Fund	200.00
Mrs. Ruth Spiegelthal—In memory of Mr. Frank Zeitlin—For non-	
budgetary purposes in the Pediatric Pavilion	10.00
Sport-Craft, Inc.—For cancer research	100.00
Employees of Sport-Craft, Inc.—For cancer research	240.00
Squibb Institute for Medical Research—For hematology research.	5,000.00
Boris Squires—For Diabetic Research Fund	5.00
Matthew Stacom—For gout research	100.00
Mrs. Clara Staff—For non-budgetary purposes	25.00
Alfred Louis Stamm—For non-budgetary purposes	100.00
State of New York—For Pilot Study of Cleft Palate and Cleft Lip	2,166.67
Dr. Daniel Stats—For Library	10.00
Robert B. Stearns—For the 1951 Laboratory Completion Fund	7,025.00
Mr. and Mrs. Murry Steiger—In memory of Mr. Harry Deutsch—	
For Diabetic Research Fund	5.00
Mrs. Edward S. Steinam—For the Dr. Emanuel Libman Fellow-	
ship Fund	1,043.14
Ruth and Milton Steinbach Fund, Inc.—For the 1951 Laboratory	
Completion Fund	2,500.00
Stepping Stone Society—For Isolettes for premature nursery	1,000.00
Leo C. Stern—For the 1951 Laboratory Completion Fund (addi-	. (
tional gift)	2,600.00
Flora R. and Isidor M. Stettenheim Foundation, Inc.—For the Nose	10.00
and Throat Cancer Fund	7 000 00
Jacob C. Stone—For the 1951 Laboratory Completion Fund (addi-	1,000.00
	T 000 00
tional gift)	1,000.00
logical research	75.00
Mrs. Arthur L. Strasser—For non-budgetary purposes	15.00
	50.00
Martha Washington Straus—Harry H. Straus Foundation, Inc.— For Surgical "A" Research Fund	
	1,000.00
Nathan Straus—For non-budgetary purposes	250.00
Oscar S. Strauss II—For non-budgetary purposes	200.00
The Roger and Gladys Straus Foundation, Inc.—For the 1951	
Laboratory Completion Fund (additional gift)	35,000.00
Mr. and Mrs. Burton M. Strauss—In memory of Mr. James Gins-	
berg—For non-budgetary purposes	25.00
Mr. and Mrs. Jack Strauss—In memory of Mrs. Helen Klauber—	
For non-budgetary purposes	5.00

Mrs. M. J. Stroock—In memory of Mr. Moses J. Stroock—For	
Surgical "C" Research Fund	10.00
cal "C" Research Fund	10.00
Surgical "C" Research Fund	10.00
The Stuart Foundation, Inc.—For the Milton M. and Carrie G. Silverman Fund	4 000 00
Mr. and Mrs. Milton M. Stuart—For Surgical "C" Research Fund	4,000.00 250.00
Dr. Sidney Tarachow—For neurological research	50.00
Dr. Sidney Tarachow-In memory of Mr. Harry Steger-For	50.00
neurological research	25.00
Felix Tausend and Sons—For non-budgetary purposes	100.00
Mrs. Harry P. Tepperman—For rhinoplasty research	50.00
Benjamin Tick—For gout research	50.00
Jack Travetello—For non-budgetary purposes	10.00
Edward Treacy—For the 1951 Laboratory Completion Fund	50.00
Mr. and Mrs. Edwin Trent—In memory of Clara S. Tanenbaum—	
For Surgical "C" Research Fund	100.00
Mr. and Mrs. Edwin Trent—In memory of Mr. Samuel M. Schutz —For non-budgetary purposes	***
The United Fruit Co.—For research in celiac disease	10.00
U. S. Atomic Energy Commission—For investigation of drug	10,110.00
eruption	5,886.00
U. S. National Science Foundation—Reaction mechanism of),000.00
aromatic phosphoric ester hydrolysis	4,100.00
United States Office of Naval Research—For research to study	
heat-stable proteins and enzymes of bacteria	2,915.00
U. S. Public Health Service—For research on brain tumor	
localization	21,113.00
U. S. Public Health Service—For research on disorders of visual	
perception	19,440.00
U. S. Public Health Service—For circulatory and pulmonary studies	0
during pregnancy	13,381.00
U. S. Public Health Service—For research on electrolytes in con-	
gestive heart failure	11,016.00
U. S. Public Health Service—For endocrinology research	8,246.48
U. S. Public Health Service—For the study of digital circulation	
and renal transplant in order to elucidate the mechanism of	9 *00 63
hypertension	8,100.00
U. S. Public Health Service—For research on hereditary hyper-cholesterolemia	8,046.00
U. S. Public Health Service—For research in Edema	•
U. S. Public Health Service—For Ground Substance Research	7,000.00
Fund	6 26 1 53
Tunu	6,264.00

U. S. Public Health Service—For the role of the protective mucous	
barrier in the etiology of experimental peptic ulcer	5,995.00
U. S. Public Health Service—For immunochemical studies of rag-	2.222
weed pollen extracts, chromatographic separation of active	
constituents	4,860.00
U. S. Public Health Service—For studies of desoxyribose nucleo-	
protein in disseminated lupus erythematosus	4,622.00
U. S. Public Health Service—For research on the effect of ACTH	
and cortisone on liquid metabolism	4,525.00
U. S. Public Health Service—For research on homeostasis in the	
pathogenesis of visceral lesions	990.00
Lewis M. Van Wezel—For lantern slides and illustrations	500.00
Mrs. Edna Oldham Varin—For neurological research	100.00
Edwin C. and Florence G. Vogel Fund, Inc.—For the 1951 Lab-	
oratory Completion Fund	7,500.00
Mrs. Edward H. Wack—For the Dr. Eli Moschcowitz Fund	10.00
Mrs. Rose Wagner—For non-budgetary purposes	25.00
The Sadie Baron Wakefield and George P. Wakefield Memorial	
Trust Fund—In memory of Mrs. Sadie Baron Wakefield's	
birthday—For metabolism research	1,000.00
Dr. Johanna Waldemar—For the Iodine Research Fund	10.00
Jack B. Wallach—For non-budgetary purposes	250.00
Mrs. Martin Ware—In memory of Dr. Martin Ware—For non-	
budgetary purposes	250.00
Henry Wasser—In memory of his son, Eric—For leukemia research	10.00
Jacob Wasserman-For the Anna Ruth Lowenberg Fellowship	
Fund	2,500.00
Jacob Wasserman—For hematology research	1,000.00
Mrs. Morton S. Webster—In memory of Mr. Abraham Adelberg—	
For the Dr. Eli Moschcowitz Fund	25.00
Sol E. Weinreich—For Diabetic Research Fund	500.00
Dr. Harry I. Weinstock—For the 1951 Laboratory Completion	
Fund	630.00
William Welkowitz—For the 1951 Laboratory Completion Fund	50.00
A. R. Weller—In memory of Althea Murphy Savory—For leu-	
kemia research	10.00
Estate of Sara Welt (Kakels)—For the Sara Welt Memorial Fund	
(additional)	113,228.80
Irving Wershaw—For Dermatological Research Fund	500.00
West Side Lions Club—For non-budgetary purposes	20.00
Edward V. Whiting—For psychiatry research	100.00
Lewis Wilding—For the 1951 Laboratory Completion Fund	100.00
Mrs. Ira S. Wile—In celebration of Dr. Murray H. Bass' 70th birth-	
day—For the Dr. Murray H. Bass Fund	50.00
Mrs. Charles A. Wimpfheimer-For the 1951 Laboratory Comple-	, , , ,
tion Fund (additional gift)	5,000.00

Harold D. Wimpfheimer—For the 1951 Laboratory Completion Fund (additional gift)	5,439.38*
non-budgetary purposes	2,500.00
Nathan Winarick—For gout research	100.00
Mrs. Edmond E. Wise-In honor of Mr. Carl J. Austrian's 60th	
birthday—For non-budgetary purposes	60.00
George S. Wise—For gout research	800.00
George S. Wise—For neurological research	100.00
Miss Kate Wollman-For the Dickey Schneierson Memorial Fund	500.00
Maurice E. Wyner—For gout research	250.00
Mrs. Walter D. Yankauer-In memory of the birthday of her	
grandmother, Mrs. Joseph B. Bloomingdale—For Research	
Fund	25.00
Charles Zinaman—For non-budgetary purposes	59.00
-	
Total	\$1,810,035.45

FOR THE SCHOOL OF NURSING

The Murry and Leonie Guggenheim Foundation—For The Murry and Leonie Guggenheim Scholarship and Aid Fund Estate of Theodore Obermeyer—For General Fund Lewis M. Scheuer—For students' finishing party	\$175,000.00 8,265.39 40.00
Total	\$183,305.39

^{*} Represents in whole or in part securities donated; stated at approximate market value at time of donation or net proceeds of sale of such securities.

MISCELLANEOUS DONATIONS RECEIVED DURING YEAR 1952

Anonymous—In memory of Mr. Sigmund Hollander	\$ 10.00
Robert Berman	18.00
Leonard Biel-In memory of Mr. Frederick Siegfried Ranzenhofer	10.00
James Madison Blackwell	10.00
George E. Coleman	30.00
William Gilligan	10.00
David Novales	10.00
Mr. and Mrs. Irving Sheraga and Son	10.00
Saul Shullman	10.00
Texas Medical Center, Inc.	50.00
Miscellaneous Donations (Less than \$10.00)	35.42
Total	\$203.42
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DONATIONS IN KIND

Ludwig Arnson—Television Set

Joseph F. Cullman, Jr.—Cigarettes as Christmas Gift to all personnel

Dr. John H. Garlock—Subscriptions to the Philharmonic Symphony Concerts for the House Staff and the Nurses

Phillip W. Haberman, Jr.—Electric Fan

Mrs. John A. Herrmann-Handkerchiefs

Kathryn Kay Associates—Toys

Sidney Levy-Medical and Surgical Supplies and Used Mimeograph Machine

Maplewood Paper Mills—Paper Materials and Plastic Eating Utensils

Dr. Joseph Novak—Kymograph Ira A. Schur—Photographic Enlarger

Miss Ann Schuster-Oxygen Tent Canopy

Dr. Eugene R. Snyder-Microtone and Barshey Chair

U. S. Atomic Energy Commission—Radioactive Materials

DONATIONS TO SOCIAL SERVICE DURING YEAR 1952

FOR NON-BUDGETARY PURPOSES

Anonymous	\$ 1.00
Anonymous	1.00
Anonymous (In honor of Louise's Birthday)	10.00
Mrs. Jack R. Aron	375.00
Mrs. Jesse Asinof	85.00
Mrs. Paul Baerwald	600.00
Mrs. Robert M. Benjamin	250.00
Mrs. Richard Bernheim	30.00
Miss Caroline Bijur (In memory of Mrs. Leon Weil)	5.00
Mrs. Robert E. Binger	290.00
Mrs. J. Horace Block (In memory of Dr. Daniel Poll)	5.00
Mrs. Robert G. Blumenthal	85.00
Mrs. Edward Blum (In memory of Mrs. Leon Weil)	10.00
Mrs. Myron I. Borg	300.00
Mrs. William M. Cahn, Jr	25.00
Mr. and Mrs. Paul Cicchetti	15.00
Mrs. Arthur J. Cohen	600.00
Mrs. Samuel Cohen (In honor of Jeffrey Lesser)	5.00
Mrs. Leonard A. Cohn	600.00
Mrs. Ralph Colp (In memory of Mr. Jerome Jackson)	5.00
Mrs. Alfred A. Cook	1,100.00
Mr. and Mrs. Clement S. Crystal (In memory of Mrs. Ella Brecker)	10.00
Mrs. Joseph F. Cullman, 3rd	440.00
Mrs. Anne Finkelstein	5.00
Mr. Harry Fischbach and Family, and Erna Newbower (In memory	
of Mrs. Helen V. Klauber)	20.00
Mrs. Ellen Auguste Freudiger de Denes (In memory of Uncle,	
Mr. Arthur Sandheimer)	20.00
Gaisman Foundation, Inc.	100.00
Glazier Foundation, Inc.	1,075.00
Mrs. Samuel Goldberg (In honor of birthday of Mrs. Gussie Brann)	5.00
Mrs. Irving Goodfield (In memory of parents, Sarah and Simon	
Seide)	25.00
Mrs. Martin H. Goodkind (In memory of Miss Elsie Kronthal)	25.00
Baroness Theodore De Gunzburg	10.00
Mrs. Frederick M. Heimerdinger (In honor of Mrs. Victor S.	
Riesenfeld's Birthday)	10.00
Mrs. John A. Herrmann	75.00
Mr. and Mrs. Steven J. Hirsch	00.001
Mrs. Walter A. Hirsch	700.00,

Mrs. Walter A. Hirsch (In memory of Mrs. Leon Weil)	10.00
Dr. Godel I. Hunter	5.00
Mrs. Henry Ickelheimer	50.00
Mrs. Harry Allan Jacobs (In memory of Mrs. Leon Weil)	10.00
Mrs. Hugo Kastor	255.00
Mrs. Hugo Kastor (In memory of Mrs. Leon Weil)	10.00
Mrs. Alan H. Kempner	525.00
Mrs. Richard Kaye Korn (In memory of Mr. Walter A. Hirsch	
and Mrs. Levi Mayer)	15.00
Mrs. Robert H. Kridel	120.00
Mrs. Leona Lebow	25.00
✓ Mrs. George Lee	320.00
Mrs. Herbert H. Lehman	800.00
Mr. and Mrs. Jack Lehman, Jr. (In memory of Mr. Edwin Mosler)	5.00
Mr. and Mrs. Jack Lerner (In memory of Mrs. Katy Mayer)	5.00
Mrs. Emanuel F. Liftman (In memory of Mr. Steven Silver)	5.00
Mr. Carl Lindner	5.00
Mrs. Louis M. Loeb	250.00
Mrs. Jerome I. Maier	80.00
Mrs. Arthur C. Mendelsohn (In memory of Daughter, Annette)	5.00
Mrs. Hortense Morris	10.00
O.P.D. Skin and Rectal Clinic Staff (In memory of Mrs. Kate Nudelman)	27.00
Mr. Jerome H. Oppenheimer	25.00
Progressive Club of Atlanta, Ga. (In memory of Mr. Jack	50.00
Pomerantz)	25.00
Mrs. Victor S. Riesenfeld	340.00
Mrs. Melvin C. Robbins	15.00
Mrs. R. K. Robertson (In name of George Blumenthal)	25.00
Mr. Alfred L. Rose (On occasion of Mr. Joseph F. Cullman, Jr.'s	25.00
Birthday)	13.24
Mrs. Edward J. Rosenwald	30.00
Miss Edith Sachs	575.00
Mrs. Edward M. Salomon (In memory of Mrs. Leon Weil)	10.00
Mrs. Jacob H. Scheuer (In memory of Mrs. Leon Weil)	100.00
Mrs. William D. Scholle	400.00
Dr. and Mrs. Martin Schrieber (In memory of Mr. Joseph M.	·
Gottesman, Brother of Mrs. Pauline Leplin)	5.00
Mrs. Ira A. Schur (In memory of Father)	15.00
Mrs. Ira A. Schur (In memory of Mother)	10.00
Mr. and Mrs. Ira A. Schur (In honor of Mr. Barnet M. Stein)	15.00
Mr. and Mrs. Samuel J. Schur (In memory of Mr. Mark Holstein)	5.00
Mrs. Henry L. Sherman (In memory of Mrs. Leon Weil)	10.00
Mrs. Henry Siegbert	240.00
Mrs. Jessica Signer and Mrs. Celia Menken (In memory of Mother,	1
Mrs. Rose Siegel)	200.00
0 /	

Miss Edith Stern	20.00
sary of Mr. and Mrs. Joseph Klingenstein)	5.00
Mrs. Edwin W. Weil (In memory of Mrs. Leon Weil)	15.00
Mrs. Frank L. Weil	10.00
Henrietta and Frank Weil Foundation Inc	220.00
Dr. and Mrs. D. E. Weinberg (In honor of Mr. Barnet M. Stein).	5.00
Mrs. Robert M. Werblow (In memory of Parents)	100.00
Mrs. Joseph H. Wise (In memory of Mrs. Leon Weil)	10.00
Mrs. Clarence Wolff (In memory of Dr. Daniel Poll)	15.00
Mr. Kurt Zschaler	30.00
Total	\$12,065.24

DEDICATED BUILDINGS

CHILDREN'S PAVILION

Erected in Loving Remembrance of LEWIS EINSTEIN and MILLY EINSTEIN FALK by HENRY L. EINSTEIN ... 1921

PRIVATE PAVILION

Dedicated to the Memory of MEYER and BARBARA GUGGENHEIM by their Children . . . 1920

OUT-PATIENT BUILDING
Dedicated to the Memory of
MAYER LEHMAN
by his Children ... 1904

ADOLPH LEWISOHN PATHOLOGICAL

and LABORATORY BUILDING

Donated by ADOLPH LEWISOHN ... 1904–1922

AUDITORIUM

Dedicated to the Memory of GEORGE BLUMENTHAL, JR. by FLORENCE and GEORGE BLUMENTHAL ... 1920

LABORATORY BUILDING Dedicated to the Memory of ABRAHAM and AMELIA MEYERS ... 1938

CHILDREN'S CLINIC Dedicated to the Memory of FLORENCE HENRIETTA WALTER and MARJORIE WALTER GOODHART by their Parents FLORENCE B. and WILLIAM I. WALTER ... 1916–1923

THE MAGDALENE AND CHARLES KLINGENSTEIN MATERNITY PAVILION

Dedicated to the Memory of MR. and MRS. CHARLES KLINGENSTEIN by the Estate of MRS. CHARLES KLINGENSTEIN ... 1952

THE ATRAN LABORATORY

Dedicated in Honor of

THE FRANK Z. ATRAN FOUNDATION, INC.... 1952

THE BERG INSTITUTE OF RESEARCH

Dedicated in Memory of

DR. HENRY W. BERG

by his Brother

Dr. A. A. Berg . . . 1952

ESTABLISHMENT OF WARDS

THE CHARLES A. WIMPFHEIMER WARDS

For Surgical Treatment of
Diseases of the Stomach and Intestines
Founded by CHARLES A. WIMPFHEIMER ... 1916

THE ADOLPH BERNHEIMER
MEMORIAL WARD
Founded by his Daughter, ROSIE
February 16th, 1897

THE MRS. ADOLPH BERNHEIMER MEMORIAL WARD

Founded by her Daughters
ROSIE BERNHEIMER and FLORENCE B. WALTER
February 16th, 1916

MAIN OPERATING ROOM
Dedicated to the Memory of
ISAAC and BABETTE BLUMENTHAL
By ALFRED, GUSTAV, HUGO, BENJAMIN,
and GEORGE BLUMENTHAL ... 1904

GENITOURINARY WARD

Dedicated to the Memory of JOEL GOLDENBERG
By Provision in his Will ... 1904

THE SIMON ROTHSCHILD WARD
In Perpetuity ... 1905

THE EMANUEL LEHMAN MEMORIAL WARD

Dedicated February 15th, 1911

Founded by

MRS. SIGMUND LEHMAN, MRS. EVELYN L. EHRICH,

MR. PHILIP LEHMAN

THE JOSEPH AND SOPHIA SACHS MEMORIAL WARDS

Dedicated to the Memory of their Parents by SAMUEL and HARRY SACHS . . . 1913

THE ELIAS WARD in this Ward Beds were Established

Three Beds in Memory of Raphael Elias Three Beds in Memory of Sarah Elias Three Beds in Memory of Robert F. Elias Three Beds in Memory of Henry F. Elias All Founded by the Provision in the Will of HENRY F. ELIAS ... 1928

THE ALFRED AND HANNAH BLUMENTHAL WARD

Founded 1922

THE LOUIS N. KRAMER MEMORIAL Founded by Provision in his Will ... 1930

THE BELLA STIEFEL WARD
Provided in the Will of
BELLA STIEFEL
1939

ESTABLISHMENT OF ROOMS

Dedicated to the Memory of LINA MEYER ASIEL By ELIAS ASIEL ... 1904

THE EDWARD LAUTERBACH ROOM
Dedicated in Perpetuity by the Board of Trustees of
The Mount Sinai Hospital in Grateful Recognition of
His Eminent Services... 1904

Dedicated by
DISTRICT GRAND LODGE No. 1
INDEPENDENT ORDER FREE SONS OF ISRAEL
M. SAMUEL STERN, Grand Master
FOUR BEDS ... 1901

Dedicated for the Benefit of
THE ALUMNAE OF
THE MOUNT SINAI HOSPITAL
SCHOOL OF NURSING
By MRS. MAX NATHAN ... 1904

Dedicated to the Alumnae of THE MOUNT SINAI HOSPITAL SCHOOL OF NURSING

By MR. AND MRS. CHARLES KLINGENSTEIN 1931, 1941 and 1947

In Memory of
ISAAC STRAUSS
1825–1876
Established by his Son
CHARLES STRAUSS ... 1934

In Memory of
HENRIETTA STRAUSS
1819–1893
Established by her Son
CHARLES STRAUSS ... 1934

THE JACOB AND HENRIETTA SNEUDAIRA ROOM Founded by Provision in the Will of MOSES J. SNEUDAIRA ... 1935

In Memory of
DAVID, ROSINE, LEOPOLD, MAX, BERTHA
and HENRIETTA OETTINGER
Established by
Estella Oettinger
1946

TABLETS

IN COMMEMORATION OF DISTINGUISHED SERVICES RENDERED TO AND LIBERAL BENEFACTIONS BESTOWED UPON THE MOUNT SINAI HOSPITAL

From 1852 to 1900

SAMPSON SIMSON

Founder of

THE MOUNT SINAI HOSPITAL

1852

HARRIS ARONSON

For Devoted Services

For More Than 20 Years

Died, Feb. 8, 1879, While President

LEWIS PHILLIPS

For his Generous Bequest

1876

EMANUEL B. HART

A Vice-President

For his Efforts in Obtaining Land

For the New Hospital in 1869

BENJAMIN NATHAN, President And

MORRIS FATMAN, Treasurer

For Donations Which Initiated the Permanent Fund in

1869

IUDAH TOURO

For his Liberal Bequest

1867

SARAH BURR

For her Many Benefactions

From 1886 to 1893

MICHAEL REESE

San Francisco

For his Liberal Bequest

1878

MAYER LEHMAN

For his Services

As a Director for 20 Years And for his Liberal Contributions

1897

(Erected in Administration Building)

In Grateful Recognition Of the

Generous Contributions To this Library

By

NATHAN M. T. SONDHEIMER

Frankfort am Main

Germany

(Erected in Medical Library)

1904 THE

MOUNT SINAI HOSPITAL

ORGANIZED AS THE JEWS HOSPITAL FEBRUARY 25th 1852

LOCATED ON WEST 28th STREET
BETWEEN 7th AND 8th AVENUE

CORNER STONE LAID NOVEMBER 24th 1853

DEDICATED MAY 17th 1855 BUILDING COMMITTEE

HENRY HENDRICKS

J. D. PHILLIPS JOHN M. DAVIES

HOSPITAL ON LEXINGTON AVENUE
66th AND 67th STREETS
CORNER STONE LAID MAY 25th 1870
DEDICATED MAY 27th 1872
BUILDING COMMITTEE

BENJAMIN NATHAN JOSEPH FATMAN

SAMUEL A. LEWIS JOHN M. LAWRENCE

EMANUEL B. HART LEWIS MAY

(Erected in Administration Building)

1904

THE LADIES AUXILIARY SOCIETY
OF THE
MOUNT SINAI HOSPITAL

DONORS IN MEMORIAM

ALVINA BARNET
SOPHIA BEER
ALINE BERNHEIM
GUSTAVE BERNHEIM
HENRIETTA COOK
CLARA GLAZIER
AMELIA KLINGENSTEIN
FANNIE LANGSDORF
AMELIA LAVANBURG
HANNAH LAVANBURG
ROSA LEHMAN
DAVID LEVENTRITT

RACHEL S. LEVY
ESTHER S. MOSES
CAROLINE NEUSTADTER
RACHEL PFEIFFER
JOSEPHINE ROTHSCHILD
MATHILDE ROTHSCHILD
WILLIAM ROTHSCHILD
HENRIETTE SELIGMAN
NETTIE SELIGMAN
HANNAH VOGEL
HANNAH WISE
CARRIE WORMSER

THE

MOUNT SINAI HOSPITAL

CORNER STONE LAID MAY 22nd 1901 DEDICATED MARCH 15th 1904

ISAAC WALLACH ISAAC STERN DAVID WILE E. ASIEL LEO ARNSTEIN

PRESIDENT
VICE PRESIDENT
SECOND VICE PRESIDENT
TREASURER
SECRETARY

DIRECTORS

HENRY GITTERMAN
SIMON ROTHSCHILD
MAX NATHAN
GEORGE BLUMENTHAL
HERMAN MENDEL
EDWARD OPPENHEIMER
MORRIS S. BARNET
HENRY R. ICKELHEIMER
MEYER H. LEHMAN
KALMAN HAAS
JOSEPH F. CULLMAN
JOSEPH FOX

ADOLPH LEWISOHN
ISAAC N. HEIDELBERG
EMIL S. LEVI
MURRY GUGGENHEIM
JEFFERSON SELIGMAN
HENRY MORGENTHAU
JACOB EMSHEIMER
JAMES SPEYER
LOUIS M. JOSEPHTHAL
HUGO BLUMENTHAL
CHARLES A. WIMPFHEIMER

M. SAMUEL STERN HONORARY DIRECTOR

BUILDING COMMITTEE

ISAAC STERN

ADOLPH HERRMANN

CHAIRMAN

MAX NATHAN
JOSEPH FOX
SIMON ROTHSCHILD

ISAAC WALLACH EDWARD OPPENHEIMER ADOLPH LEWISOHN

ARNOLD W. BRUNNER

WILLIAM SCHICKEL
Consulting Architect

(Erected in Administration Building)

In Memory of HENRY GITTERMAN

In Grateful Recognition of Fifty Years' Service as a Director

1866-1916

1904

THE LADIES AUXILIARY SOCIETY OF THE MOUNT SINAI HOSPITAL

MRS. M. H. MOSES	PRESIDENT
MRS. J. A. COOK	1st VICE-PRESIDENT
MRS. LOUIS LAVANBURG	2nd VICE-PRESIDENT
MRS. JULIUS BEER	TREASURER
MRS I R SELIGMAN	HON SECRETARY

DIRECTRESSES

MRS. S. BANNER	MRS. S. KLINGENSTEIN
MRS. G. BERNHEIM	MRS. R. LIMBURGER
MRS. L. BERNHEIMER	MRS. O. S. LOEB
MRS. J. BRETTAUER	MRS. K. MANDEL
MRS. M. DITTENHOFFER	MRS. S. MARCKWALD
MRS. E. E. DREYFOUS	MRS. L. RANGER
MRS. JACOB ERDMAN	MRS. I. ROSENWALD
MRS. M. S. FECHHEIMER	MRS. V. H. ROTHSCHILD
MRS. J. FRANKENHEIMER	MRS. WM. ROTHSCHILD
MRS. A. FRIEDLANDER	MRS. L. B. SCHRAM
MRS. S. W. GLAZIER	MRS. JESSE SELIGMAN
MRS. A. JOSEPH	MRS. I. WORMSER, JR.
MRS ISIDOR WORMSE	R—HON DIR

MRS. ISIDOR WORMSER—HON. DIR.

(Erected in Administration Building)

ABRAHAM JACOBI LIBRARY

Dedicated April 23, 1910 By the

Board of Directors

The Mount Sinai Hospital

Grateful Recognition

Fifty Years of Devoted Unselfish and Illustrious Medical Service Rendered

To the

Institution

(Erected in Medical Library)

This Tablet Has Been Set to Commemorate The Voyage of the Good Ship LAPLAND Which Left her Port in the United States of America On the Sixth Day of February, Arriving Safely at Her Destination in Europe on the Twenty-Fifth Day of the Same Month In the Year of Our Lord 1918, After Crossing the Stormy and Perilous Atlantic Under the Wise and Brave Command Of CAPTAIN JOHN BRADSHAW. She Carried Fifteen Hundred Canadian Troops, Distinguished American Men of Science and the Officers, Nurses, Enlisted Men, and Civilians Forming the Personnel of the United States Army Base Hospital, Number Three— THE UNIT OF THE MOUNT SINAI HOSPITAL, New York.

(Erected in Attendings Room)

In Memory of
BERTHA WEHLE NAUMBURG
Founded by her Son
WALTER W. NAUMBURG
March 3, 1922
(Erected in X-ray Department)

Equipped by
LOUISA AND SAMUEL SACHS
In Memory of their Daughter
ELLA SACHS PLOTZ

1923 (Erected in X-ray Museum)

DEPARTMENT OF RADIUM AND RADIO-THERAPY FLORETTE and ERNST ROSENFELD FOUNDATION

1923 (Erected in Radio-Therapy Department) In Recognition of the Patriotic Service of the

PHYSICIANS—SURGEONS—AND NURSES

Comprising

THE MOUNT SINAI HOSPITAL UNIT BASE HOSPITAL NUMBER THREE

And of the Faithful Service Rendered to

THE UNITED STATES GOVERNMENT

During the World War 1917–1919

By Other

PHYSICIANS—SURGEONS—AND NURSES

Of

THE MOUNT SINAI HOSPITAL AND DISPENSARY

This Tablet is Dedicated By the Trustees of The Mount Sinai Hospital

1919

(Erected in Main Hall)

OUT-PATIENT DEPARTMENT DENTAL CLINIC

Equipped and Supported by DAVID A. SCHULTE

1925

(Erected in Out-Patient Department)

Dedicated to the Memory of ISAAC AND SARAH ERDMANN

1025

(Erected in Pathological Lecture Hall)

Erected by CHARLES A. WIMPFHEIMER

A Most Generous Friend of the Hospital

1926

(Erected in North Building Laboratory)

In Loving Memory of ETTA COHEN LORSCH

1928

(Erected in Social Service Department)

In Grateful Appreciation of the Generous Benefactions of MARGARET OLIVIA SAGE

Made in Memory of her Husband RUSSELL SAGE

1918

(Erected in Administration Building)

In Grateful Recognition of a Munificent Bequest

Made by

JOSEPH FRANK

1919

(Erected in Administration Building)

In Memory of
MARTIN HERMAN
Bequeathed by his Brother, ALEXANDER HERMAN
1927

(Erected in Administration Building)

In Grateful Recognition and Remembrance of the Generosity and Services of SIDNEY S. PRINCE

Trustee and Officer of The Mount Sinai Hospital
1929

(Erected in Administration Building)

To Commemorate
The Founding of the JACOB NEWMAN Beds
Founded by Provision in his Will

1939

Erected on the Occasion of The Eightieth Birthday

GEORGE BLUMENTHAL

Bv

His Fellow Trustees

To Record

Their Grateful Appreciation of His Spirited Leadership and Unparalleled Contribution To the Development of this Institution During Forty-Six Years as Trustee and

Twenty-seven Years

As President

April 7, 1938

(Erected in Main Hall)

Dedicated to

HUGO BLUMENTHAL

President—Director—Adviser—Friend In Grateful Recognition of His Many Years of Devoted Service

To

THE MOUNT SINAI HOSPITAL SCHOOL OF NURSING ITS STAFF AND STUDENT NURSES

Board of Directors The Faculty Alumnae Association January 1, 1941

(Erected in Nurses' Residence) In Memory of

LT. COL. LOUIS S. GIMBEL, JR. United States Army Air Corps By his Associates of S. S. Steiner, Inc.

(Erected in Administration Building)

In Memory of PFC. KURT F. MAXWELL United States Army—Philippines By His Associates of S. S. Steiner, Inc.

1944

IN GRATEFUL RECOGNITION OF THE GENEROSITY OF MR. AND MRS. ALLEN L. GOLDFINE IN PROVIDING SUPPORT FOR SCIENTIFIC RESEARCH IN RADIOACTIVE ISOTOPES

1945

(Erected in Administration Building)

In Memory of
LOUISE F: UNTERMYER
Member of the Social Service Auxiliary

1939–1944
(Erected in Patients' Library)

1941-1945

IN MEMORY OF THE PERSONNEL OF THE MOUNT SINAI HOSPITAL WHO GAVE THEIR LIVES IN THE SERVICE OF THEIR COUNTRY DURING WORLD WAR II

Nils T. Carlson Sidney C. Feinberg, M.D. Andrew Goldstein Jerome W. Greenbaum, M.D. Eugene M. Holleb, M.D. Herman L. Jacobius, M.D. Goodell G. Klevan, M.D. Joe Owesney Benjamin Ritter, M.D. Helen E. Rogers, R.N. Stanley J. Snitow, M.D.

ERECTED BY THE MEDICAL STAFF OF THE MOUNT SINAI HOSPITAL

(Placed in Medical Staff Room)

IN GRATEFUL RECOGNITION
AND REMEMBRANCE
OF THE
GENEROSITY AND SERVICES
TO THIS CLINIC
BY
MRS. CHARLES KLINGENSTEIN
1946
(Erected in Children's Clinic)

THE NICHOLAS M. SCHENCK LABORATORY

In Memory of

KAREL LODEWIJK VOORZANGER

June 20, 1903–January 20, 1930 Of Rotterdam, The Netherlands

By His Parents

(Erected in Administration Building)

DEDICATED
TO THE MEMORY OF
ANNIE H. KAHN
FRED HIRSCHHORN
CHARLES HIRSHON
BY
FRANCES C. KAHN
1948

(Erected in Administration Building)

IN GRATITUDE TO
WILLIAM NELSON CROMWELL
FOR HIS BEQUEST
IN MEMORY OF HIS PARTNER
ALFRED JARETZKI
1949

(Erected in Administration Building)

IN GRATEFUL ACKNOWLEDGMENT
OF A GIFT
IN MEMORY OF
ANNETTE S. MENDELSOHN
BY HER
MOTHER
1949

(Erected in Medical Library)

THE DOROTHY H. ROSENSTIEL PEDIATRIC MEMORIAL

(Erected in Pediatric Laboratory)

In Grateful Recognition of the Generous Gift of THE MURRY AND LEONIE GUGGENHEIM FOUNDATION Edmond A. Guggenheim, President To Establish

THE MURRY AND LEONIE GUGGENHEIM SCHOLARSHIP AND AID FUND

For Student Nurses of THE MOUNT SINAI HOSPITAL SCHOOL OF NURSING 1952

(Erected in Nurses' Residence)

In Memory of
BERTHA BRENNER
Executive Secretary, Office of Medical Education
For Her Selfless Loyalty and Ideals
1952

(Erected in Medical Library)

In Memory of REBA A. AND DAVID BAUM 1952

PERPETUAL BEDS

IN MEMORY OF:

LOUIS W. NEUSTADTER Dedicated by his wife1873	ARNOLD UHLMAN Dedicated by the family1883
DANIEL JOSEPH JAFFE Dedicated by the family1874	JOSEPH RECKENDORFER Dedicated by his wife1883
ISAAC DITTENHOEFER edicated by A. J. Dittenhoefer1874	ISAAC AND IDA MEYER Dedicated by their children1883
LEWIS EINSTEIN1875 KATY WHITE	HERMAN FRIEDLANDER Dedicated by his family1883
Wife of J. L. Englehart iece of Jonas and Yette Heller1875	NATHAN ASIEL Dedicated by his family1883
MARY ROSENBAUM her husband, S. D. Rosenbaum1876	SIEGMUND SPINGARN Dedicated by his family1884
LAZARUS HALLGARTEN1876 MARTIN and JOSEPH BACHRACH	EMANUEL HOFFMAN Dedicated by his family1884
Beloved sons of Gamuel and Babette Bachrach1877	ADOLPH HALLGARTEN1885
MINA SCHAFER Dedicated by her children1878	SIPHRA STERN Dedicated by her children1887
BENJAMIN NATHAN Dedicated by will of his wife1879	BENJAMIN F. MEYER Dedicated by his brother1887
Dedicated by SARAH HEINEMANN1879	JONAS HELLER Dedicated by his family1887
ABRAHAM SCHOLLE1880	HENRY HERRMAN Established by Esther Herrman1889
LEONORA WORMSER Vice-President of the Ladies' Auxiliary Society Wife of Simon Wormser1880	HENRYETTE MORTIMER and EDWARD ROSENFELD Dedicated by the husband and father188
NATHAN BLUN Established by his children1880	MAURIE E. ANSBACHER Dedicated by Adolph B. and Frances E. Ansbacher1889
MARY S. SAHLEIN Wife of William Sahlein1881	SIDNEY SPEYER Dedicated by James Speyer1890

WILLIAM SAHLEIN...1881

DAVID WALLERSTEIN...1881

HARRIS ARONSON...1881

NATHAN LITTAUER...1891 HIRSCH WALLACH and

BIENCHEN WALLACH
Dedicated by Isaac Wallach...1891

LOUISE LITTAUER
Daughter of Nathan and
Harriet Littauer...1891

ROSA VEIT...1892

SOPHIA ROTH
Dedicated by Ludwig Roth...1892

BERNARD L. and FANNY TIM
Established by Louis and Solomon Tim...1892

SIGMUND ROBERTSON
Dedicated by the family...1892

GRACE A. L. CULLMAN Dedicated by her husband...1892

ESTHER ASIEL
Dedicated by her son...1892

MOSES WASSERMAN...1893

DR. JOSEPH MAINZER Dedicated by his brother...1893

JOHANNA FATMAN
Dedicated by S. A. Fatman...1893

SYLVESTER BRUSH and SARAH, HIS WIFE-Dedicated by their children...1893

JESSE SELIGMAN
Dedicated by the family...1894

BABETTE SCHOLLE Dedicated by her children...1894

ALBERT S. ROSENBAUM...1894

ISRAEL D. and HENRIETTA WALTER Dedicated by William I. Walter...1894

ISAAC BERNHEIMER...1894

MORITZ JOSEPHTHAL Dedicated by his widow...1895

LEOPOLD BOSCOWITZ Dedicated by his brothers and sisters 1837–1895

JOSEPH LOUIS MYERS
Dedicated by Louisa Myers...1895

ADOLPH T. SCHOLLE Dedicated by his father...1895 ADOLPH BERNHEIMER
Dedicated by Miss Rosie Bernheimer...1895

BERTHA MORRIS
Dedicated by her relatives...1896

DAVID WALLACH Chicago, Ill....1896

MAYER GOLDSMITH Dedicated by his widow...1896

MATHILDA OPPENHEIMER Dedicated by her husband...1897

BERNARD MAINZER Dedicated by the family...1897

CARL THEODOR MAYER
Dedicated by Antoinette Mayer...1897

ADELAIDE BALLIN KING Dedicated by her husband...1897

MARIANE ICKELHEIMER
Dedicated by Mrs. Julie Heidelbach...1897

JULIUS L. GOLDENBERG Dedicated by his mother...1897

BERNARD COHEN...1897

S. J. SPIEGELBERG
A former Director of this Institution...1898

ELIAS JACOBS Dedicated by his wife...1898

Mr. and Mrs. GEORGE BLUMENTHAL. 1898

ROSALIE NATHAN
Dedicated to the Cause of Humanity...1899

MARTIN H. LEHMAIER...1899

LYDIA WOLFF Wife of Abraham Wolff...1900

ABRAHAM WOLFF...1900

DAVID MARKS
Dedicated by his wife...1900

LOUISE HOFFMAN
Dedicated by her children...1900

HOUSMAN MEMORIAL BEDS Dedicated by Arthur A. Housman (Two Beds)...1900

ROBERT GRAHAM DUN...1900

HIS WIFE, BERTHA, and DAUGHTER, SOPHIE Dedicated by David Kohn...1900

SIMON AND ROSETTA S. BERNHEIMER Dedicated by Jacob S. Bernheimer...1900

HENRIETTA RUBENS
Dedicated by Charles Rubens...Paris, 1901

LAZARUS and BABETTE MORGENTHAU
Dedicated by Henry Morgenthau...1901

EDWARD B. SIMON Dedicated by his wife...1901

JOSIAH L. WEBSTER
Dedicated by C. B. Webster...1901

JOSEPH KAUFMAN
Founded by provision in his will...1901

EMANUEL LAUER
Dedicated by his daughters,
Carrie Lehman and Sophie Goodhart...1901

BERNARD and HENRIETTA HEINEMAN Dedicated by Moses Heineman...1901

MARX and SOPHIE HORNTHAL Dedicated by their children...1901

MOSES BRUHL
Dedicated by his wife and daughters...1901

MORITZ and ERNESTINE COHN Dedicated by their children...1901

BETTY LOEB
Dedicated by Solomon Loeb...1902

ELIZABETH JEFFRIES GARVEY
Dedicated by Andrew Jeffries Garvey
(Two Beds)...1902

LOUIS and YETTA STIX...1902

THEODORE G. WEIL...1902

JACOB RUBINO (Two Beds)...1902 FANNY MYERS
Dedicated by David E. Sicher...1902

JACOB S. BERNHEIMER
Dedicated by his wife and children...1902

BERNARD BARUCH
Established by his grandson...1902

Dedicated by
THE HEBREW MUTUAL BENEFIT
SOCIETY
To Commemorate Its 75th Anniversary
1902

RACHEL V. and CHARLES STERNBACH Dedicated by Sidney M. Sternbach...1903

FLORENTINE WEINBERG
Dedicated by Philip Weinberg...1903

CLARA WERTHEIM
Dedicated by Henry P. Wertheim...1903

JACOB BOOKMAN...1903

EDWARD J. KING
Dedicated by his wife, Rosalie King...1904

MARCUS L. STIEGLITZ
Dedicated by his wife, Sarah Stieglitz...1904

JOSEPH FREEDMAN
Dedicated by his son, Andrew Freedman
1904

SIMON BORG Dedicated by his wife, Cecelia Borg...1905

RUTH M. GROSS
By her parents, Morris and Carrie L. Gross
1905

HANNAH VOGEL Dedicated by her husband, William Vogel 1905

M. S. MORK
Dedicated by his wife, Minnie Mork...1905

Dedicated by MR. and MRS. EUGENE MEYER...1905

JOSEPH B. BLOOMINGDALE...1905

ADOLPH HERRMANN Founded by provision in his will...1906

EDGAR HENDRICKS HENRY H. HENDRICKS and CLIFFORD B. HENDRICKS Established by their mother, Emma B. Hendricks...1906

JOSHUA HENDRICKS Established by his wife, Emma B. Hendricks 1906

BENNETT and SARA B. KING...1906

SAMUEL E. and MARY HALLE Established by Jacques S. Halle...1906

CECELIA BORG
Dedicated by her children...1906

LYMAN G. and HATTIE BLOOMINGDALE 1906

WALTER A. SCHIFFER Dedicated by his wife...1907

ISAAC WALLACH
Founded by provision in his will...1907

LOUIS JOSEPHTHAL
Founded by provision in his will...1907

ISABELLA ARNOLD BERNHEIMER
Dedicated by her children...1907

HEDWIG ROSENBAUM
By her husband, Sigmund D. Rosenbaum
1908

LEOPOLD LADERER, CAROLINE LADERER and SAMUEL L. LADERER...1908

EMILY LAZARUS
Founded by provision in the will of
Amelia B. Lazarus...1908

SIMON W. GLAZIER
Dedicated by his wife and children...1908

ISAAC S. and SARAH ERDMANN...1909

ERNEST EHRMANN
Founded by provision in his will...1909

SOLOMON HERZOG
Founded by Edward N. Herzog...1909

ARTHUR A. HOUSMAN
Founded by provision in his will
(Two Beds)...1909

ABRAHAM B. FRANK Dedicated by his wife...1909

LEOPOLD GUSTHAL
Dedicated by his sisters...1909

GUSTAV BERNHEIM
Dedicated by his wife and children...1909

MARY MAYER Founded by David Mayer...1910

THERESE JOSEPHTHAL
Founded by provision in her will...1910

EDWARD A. and BERTHA R. PRICE Founded by Julie Price Erdman...1910

DR. JOSEPH SCHNETTER
Founded by provision in his will
(Three Beds)...1910

BERTHA HORN
Founded by provision in the will of
Michael Horn...1910

REV. DR. GUSTAVE GOTTHEIL Rabbi, Temple Emanu-El...1873–1899 Founded by Paul Gottheil...1910

DR. HERMAN BAERWALD
Founded by Paul Baerwald...1910

VALENTINE and FANNY LOEWI Dedicated by the family...1911

EDNA SAKS LEVY Dedicated by Mr. and Mrs. Andrew Saks

EMMA ROSENWALD Founded by provision in her will...1911

HENRY ROSENWALD
Founded by Mrs. Henry Rosenwald...1911

ALLEN L. MORDECAI and KATE MORDECAI Dedicated by their children...1911

ALEXANDER L. KAUFMANN Founded by provision in his will...1911

JULIUS EHRMANN
Founded by provision in the will of
Mathilda Ehrmann...1912

JAMES and AMELIA STRAUSS
Founded by provision in the will of their son,
Nathan F. Strauss...1912

DR. MAX HERZOG
Founded by
Mr. and Mrs. Abram N. Stein...1912

DR. WOLFGANG MACK...1808-1883 Founded by provision in the will of Jacob W. Mack...1912

JACOB WOLFGANG MACK 1845–1912 Dedicated by Jennie and Ella Heyman..1912

LUISE MACK...1808–1887 Founded by provision in the will of Jacob W. Mack...1912

MATHILDA EHRMANN
Founded by provision in her will...1912

FLORENCE HENRIETTA WALTER
Dedicated by Miss Rosie Bernheimer...1913

MARCUS and BERTHA GOLDMAN...1913

LEWIS S. LEVY
Founded by provision in his will...1914

MARY LEVY
Founded by provision in the will of
Lewis S. Levy...1914

JULIUS and FANNY ROBERTSON Founded by provision in his will...1915

MAURICE and MATHILDE SELIGMANN

Dedicated by
George and Arthur Seligmann...1915

ERWIN BEIT VON SPEYER
Founded by his uncle, James Speyer...1915

MAX and NINA HERZOG Dedicated by their daughter, Bella H. Kaufmann...1915

SAMUEL and HELENE PRINCE Dedicated by their children...1915

LEONARD S. PRINCE
Dedicated by his father and mother
December 23, 1915

MADGE N. HAAS...1915

DAVID, GUSTAVE B. and CHARLES CALMAN Founded by provision in the will of Emma Calman...1915

TILLIE HOCHSCHILD...1916

MRS. SAMUEL H. SPINGARN Established by provision in the will of Samuel H. Spingarn...1916

SAMUEL H. SPINGARN
Established by provision in his will...1916

HENRIETTA BONDY
Founded by her son, Emil C. Bondy...1916

JACOB and ROSINA ERDMANN
Founded by Albert J. Erdmann...1916

CHARLES BONDY
Founded by his son, Emil C. Bondy...1916

KARL SCHWABACH Founded by his uncle, James Speyer...1917

HENRY and ROSALIE KLINGENSTEIN

Dedicated by their son,

Charles Klingenstein...1917

JOSEPHINE and DAVID SALZER Dedicated by Leopold Salzer...1917

MRS. ISAAC WALLACH Founded by provision in her will...1917

JOHANNA and ROSALIE MOSES Dedicated by their sister, Julia R. Ballerstein...1917

BERNHARD STERN
Dedicated by his brother, Benjamin Stern
1917

AMELIA HEIDELBERG
Dedicated by Isaac N. Heidelberg...1917

RACHEL H. PFEIFFER
Founded by provision in her will...1917

BELLE GLAZIER BERNHEIMER Founded by provision in her will...1917

CHARLES E. SCHAFER Established by his wife...1917 Established by MR. and MRS. PHILIP J. GOODHART 1918

THERESA and JOSEPH FOX...1918

LOUISE and LEOPOLD SALZER
Dedicated by their children
(Two Beds)...1918

JOSHUA ROTHBLATT
Dedicated by his parents,
Bernard and Ida Rothblatt...1919

In Celebration of the Ninetieth Birthday of MAX NATHAN...April 15, 1919 Presented by his daughter, Irma N. Straus

MEYER H. LEHMAN
Dedicated by his sisters, Mrs. Harriet Weil
and Mrs. Bertha Rosenheim...1919

JULIUS LEWISOHN
London, England
Dedicated by his son...1919

WILLIAM KLINGENSTEIN of London, England Dedicated by his nephew, Charles Klingenstein...1919

EMMA and ALBERT KASKEL Founded by provision in the will of Emma H. Kaskel...1919

MAYER LEHMAN and BABETTE LEHMAN Dedicated (Two Beds)...1919

Dedicated to THE CLARA DE HIRSCH HOME By Dr. Josephine Walter...1919

LOUIS M. SONNENBERG
Founded by provision in his will..1919

ALAN HARRY SIMON
Dedicated by
Mr. and Mrs. Harry G. Simon...1919

FERDINAND A. STRAUS
Dedicated by his son, Lionel F. Straus...1919

HENRY BENDHEIM
Dedicated by his brother,
Adolph D. Bendheim...1919

LEVI BAMBERGER
Founded by Albert and Clara Blum...1919

THE FORMER TENANTS OF JOHN D. WENDEL
Three beds dedicated by
G. G. R. Wendel...1919

SARA SONNENBERG BECK Dedicated by Martin Beck...1919

ARON WEIL
Dedicated by his wife, Dora Weil...1919

Dedicated by Mr. and Mrs. HENRY BUDGE...1920

VITUS and FANNY LAMBERT Dedicated by their son, August V. Lambert...1920

OSCAR M. LEISER
Founded by provision in his will...1920

EDITH STINE SCHIFFER
Founded by her husband, Jack W. Schiffer
1920

MAYER and BABETTE LEHMAN
Dedicated by
Mr. and Mrs. Morris Fatman...1920

ALPHONS LEWIS
Founded by provision in his will...1920

DAVID LEHMAN
Dedicated by his sisters, Mrs. Harriet Weil
and Mrs. Bertha Rosenheim...1920

MATILDA OLLENDORFF
Dedicated by her husband...1920

MARJORIE WALTER GOODHART Founded by Miss Rosie Bernheimer...1920

In Celebration of the Seventy-fifth Birthday of FRANCES M. FECHHEIMER September 4, 1920 Dedicated by her son, Sam M. Fechheimer

MAX J. BREITENBACH
Dedicated by his wife and children...1920

AARON and JOHANNA FATMAN
Dedicated by
Mr. and Mrs. Morris Fatman...1920

ALINE BERNHEIM
Founded by her sons,
George B. and Alfred L. Bernheim...1921

ELLIN PRINCE SPEYER
Founded by her husband, James Speyer
1921

ARNOLD and FANNIE FALK Dedicated by Myron S. Falk and K. George Falk...1921

ROSALIE, FANNIE, CHARLES, SIMON and JOSEPH LEDERER Founded by provision in the will of Charlotte Lederer...1921

SAMUEL and BELLA HAAS Founded by Mrs. Dudley D. Sicher...1921

HENRY and HANNA HERRMANN Dedicated by their son, Frederick Herrmann...1921

JACOB L. and SOPHIE KOPS Dedicated by their children...1921

ESTHER WYMAN
Founded by provision in her will...1921

SYDNEY MICHAEL HYMAN, Dedicated by his parents, Michael and Rose Hyman...1921

CLARA GLAZIER
Founded by provision in her will...1922

CARRIE RAPP and SAMUEL RAPP Founded by provision in the will of Samuel Rapp...1922

> DAVID JAMES KING and ADELAIDE BALLIN KING Dedicated by their daughter, Louise King Reckford...1922

CAROLINE BOOKMAN
Founded by provision in her will...1922

DOROTHEA HAAS WEILER Founded by provision in the will of her son, Charles H. Weiler...1923

MARKS WEILER
Founded by provision in the will of his son,
Charles H. Weiler...1923

JACOB H. SEMEL
Founded by provision in his will...1923

MORRIS S. BARNET and ALVINA BARNET
Dedicated by Morris S. Barnet
(Two Beds)

Dedicated by ADDIE W. KAHN...1923

WALTER J. ROSE
Dedicated by his mother...1924

GABRIEL MAYER, ANTOINETTE MAYER,
OTTO L. MAYER
Founded by provision in the will of
Otto L. Mayer...1924

Established by ABRAHAM ERLANGER...1924

Founded by CHARLES HENDRICKS...1924

ELLA HELLMAN
Founded by provision in her will...1924

SOLOMON C. GUGGENHEIMER March 24th, 1924

JACOB WERTHEIM Dedicated by his wife, Emma Stern Wertheim...1925

LOUIS S. FRANKENHEIMER

Dedicated by
Ida and Rose Frankenheimer...1925

PAULINE MAYERS Established by her husband, Morris Mayers 1925

ELKAN and BERTHA NAUMBURG Dedicated by their son, Walter W. Naumburg...1926

SIEGFRIED W. MAYER Founded by provision in his will...1926

SAMUEL BAUMANN Dedicated by his wife, Henrietta Baumann...1926

HENRIETTA RAWITSER Dedicated by her daughter, Theresa V. Rawitser...1926 MORRIS ROSSIN
Dedicated by his wife, Martha S. Rossin
1927

LEWIS SCHOOLHOUSE
Established by Joseph Runsheim...1927

Dedicated to their friends GEORGE and FLORENCE BLUMENTHAL By Edmond and Suzanne King Bruwaert 1927

SAMUEL J. and ESTHER GANS Dedicated by their son, Simeon C. Gans 1927

Established by MR. and MRS. ALBERT E. GOODHART 1927

ARTHUR E. FRANK...1927

JACOB HIRSH Dedicated by his wife, Julia Hirsh...1927

SOLOMON FRIEDMAN and AMELIA G. FRIEDMAN...1928

SAMUEL BACHRACH and BABETTE BACHRACH...1928

RICHARD M. HOMBERG
Founded by provision in the will of
Florence N. Homberger...1928

ISAAC N. HEIDELBERG
Dedicated by his daughters...1928

WILLIAM VOGEL
Dedicated by his sons, Harry William and
Bernard William Vogel...1928

HERMAN RAWITSER
Dedicated by his wife,
Theresa V. Rawitser...1929

AL and MINNIE HAYMAN Founded by provision in the will of Minnie Hayman (Two Beds)...1929

ADA HEIDELBERG STRAUSS Dedicated by her husband, Seymour A. Strauss...1929

REBECCA FRIEDLANDER
Founded by provision in her will...1929

HEINEMANN and ROSA VOGELSTEIN
Dedicated by their children...1929

MAYER MAYER and FANNY MAYER Dedicated by Bernhard Mayer...1929

MARY SMALL EINSTEIN
Dedicated by her husband, I. D. Einstein
1930

HENRY STERN and MATHILDA STERN Dedicated by their son, Meyer Stern...1930

SELINA E. SUMMERFIELD
Founded by provision in her will...1931

LUCY HERZFELD

Dedicated by Felix and Ida Herzfeld...1932

RICHARD and MATILDA SIDENBERG...1932

HENRY BLOCK Bequest of Alice A. Kohler...1932

FRED H. GREENEBAUM
Founded by provision in his will...1933

JULIA HIRSH Dedicated by her children (Two Beds) 1933

HEYMAN and MARTHA PINCUS Founded by provision in the will of Martha Pincus..1933

ADOLPH, CHARLOTTE and MARY ARBER
Founded by provision in the will of Adolph Arber...1933

LUDWIG and REBECCA DREYFUSS Founded by provision in the will of Ludwig Dreyfuss (Two Beds)...1934

WILLIAM HYAMS and EMMA HYAMS...1935

SARAH KING...1935

MYRON GOLDSMITH FRIEDENHEIT (1898–1936) Dedicated by his parents...1936 ELIZABETH P. HEWES
Founded by provision in her will...1936

ABRAM L. LOWENSTEIN...1936

LIONEL F. STRAUS
Dedicated by his wife, May H. Straus
(Two Beds)...1937

NATHAN and ELLA NECARSULMER Bequeathed by their daughter, Helena Necarsulmer...1937

RALPH J. JACOBS
Founded by provision in his will...1937

VIRGINIA GUINZBURG KLEINERT 1937

ELLEN IDA CARDOZO
Provided in the will of
Benjamin N. Cardozo...1938

ADOLPH F. HOCHSTADTER and
ROSA H. HOCHSTADTER
Established by their son,
Edwin A. Hochstadter (Two Beds)...194

THERESA

Dedicated by her mother,
Theresa V. Rawitser...1941

BERNARD J. OETTINGER and SERAPHINE OETTINGER Dedicated by their children...1941

BERTHOLD and ANNA LEVI Dedicated by their children...1941

IGNATZ and JULIA GOSSMAN UNZ Dedicated by their son, Frederick T. Unz (Two Beds)...1942

FRANK WALLACH
Founded by provision in his will...1942

IDA MAY WALLACH Provided in the will of Frank Wallach 1942

Dedicated by EDWIN A. HOCHSTADTER...1942

MAX J. and JENNIE M. BREITENBACH
1942

BELDEN ROACH

EDWARD and ELIZA DAVIS
Established by the Davis Family...1943

JOSEPH HONIG Founded by Louise H. Manley...1943

JACOB JACOBS and CORRINA JACOBS Founded by their daughter, Constance Marks...1943

FRANCIS MARION MARKS and his wife, CONSTANCE MARKS...1943

SAMUEL J. ROSE Provided in the will of Sittah R. Rose...1944

ABRAHAM MORRIS
Founded by provision in the will of
Cornelia B. Morris...1944

ROSALIE MORRIS
Founded by provision in the will of
Cornelia B. Morris...1944

EDWARD and JULIA MORRIS Founded by provision in the will of Cornelia B. Morris...1944

JOSEPH and ELIZABETH FREEDMAN and ISABELLA FREEDMAN Established by Daniel B. Freedman...1945

> BECK J. GOLDSMITH Founded by her niece, Merle S. Haas...1945

LOUIS and IDA C. FRIEDLANDER
Founded by
Ida C. Friedlander...1945

DAVID W. and SARAH DAZIAN HENRY W. and ADA A. DAZIAN Founded in the will of Henry W. Dazian...1945

> BLANCHE MAMLOK Provided in the will of Dora Kleinberger...1946

HERBERT J. KAUFMANN Dedicated by his parents Herbert M. and Lillie H. Kaufmann...1946

> Our Daughter ROSALIND Given by Sylvia and Jacob Gray...1946

MARVIN E. KLEINBERGER Provided in the will of Dora Kleinberger...1946

MINNA LE VINO and ALEXANDER M. LE VINO Provided in the Will of Selma Le Vino...1947

> LOUIS ADELS 1947

CARL W. STERN Established by His Brothers...1947

ARTHUR C. MENDELSOHN Dedicated by his brother, Louis Mendelsohn....1947

> DESSIE GREER 1948

Established by LEONORA JACOBS...1948

> MORRIS and CELIA MEISELMAN...1949

IACOB-CLARA KLINGENSTEIN Bed 1949

IDA ROTHBLATT...1950

DAVID E. SIMON By Rosa G. Simon...1950

DORA GROSS By Rosa G. Simon...1950

In Memory of his brother-in-law, LOUIS SCHIELE Born May 22, 1862—Died September 16, 1934 and his sister, ESTELLA B. SCHIELE Born February 26, 1869—Died December 22, 1933

Founded by provision in the will of SIMON C. BERNSTEIN 1950

In Memory of his wife, BELLE L. BERNSTEIN Born December 30, 1879-Died August 30, 1948 and himself, SIMON C. BERNSTEIN Born December 8, 1870—Died November

2, 1950 Founded by provision in the will of SIMON C. BERNSTEIN 1950

His Dearly Beloved Parents Bv NATHAN HEIMS...1950

EPHRAIM FRANK GOLDMAN and TOBY THERESA GOLDMAN...1951

Founded by MRS. BELLE LAURITSEN...1951

ISABEL McHARRY, R.N. Established by MRS. JOSEPHINE A. CÁVE...1951

MORTON H. MEINHARD Established by CARRIE WORMSER MEINHARD...1951

LEOPOLD and TILLIE WORMSER Established by CARRIE WORMSER MEINHARD...1951

> SAMUEL, AMALIA and HATTIE SACHS Provided in the will of HATTIE SACHS (Two Beds)...1951

ALFRED and GUSSIE N. STECKLER Provided in the will of Gussie N. Steckler...1952

PERPETUAL BEDS—CHILDREN'S PAVILION

IN MEMORY OF:

HENRY L. EINSTEIN
Founded by Cecelia Einstein...1922

SOL H. KOHN Dedicated by Lillie V. Kohn...1922

BENJAMIN MORDECAI...1922

NELLIE M. RICE (Two Beds)...1922

ROBERT REIS
Dedicated by Sarah Reis...1922

CARRIE WORMSER
Founded by provision in the will of her
daughter, Julia Seligman (4 Beds)...1922

CONSTANCE DAVIS MORDECAI Founded by Benjamin Mordecai (Two Beds)...1923

Dedicated by
DR. A. V. MOSCHCOWITZ
To commemorate the marriage of his daughter,
Frances Ethel Frowenfeld...1923

JOSEPH and BABET SEMEL Founded by provision in the will of Mrs. George Heyman...1924

GEORGE and HANNAH HEYMAN Founded by provision in the will of Hannah Heyman...1924

Established by CECELIA EINSTEIN...1924

WILLIAM FRANKENHEIMER
Dedicated by
Ida and Rose Frankenheimer...1925

ABRAHAM LEIPZIG
Founded by provision in his will...1925

ADOLPH FRANK HOCHSTADTER Established by Rosa Hayman Hochstadter 1926 ROSA HAYMAN HOCHSTADTER Founded by provision in her will...1926

SOLOMON and AMALIA BONDY Founded by provision in the will of Maurice S. Bondy...1926

BABETTE ROTHSCHILD
Dedicated by her daughter, Ida R. Cullman
1926

MARX ROTHSCHILD

Dedicated by his daughter, Ida R. Cullman
1926

CHARLES and MARY WEISBERGER 1926

AARON BACHRACH and JENNIE BACHRACH...1927

MARCUS LOEW
Dedicated by Caroline Loew...1928

PETER F. MEYER
Founded by provision in his will
(Five Beds)...1929

SAMUEL and HATTIE BINSWANGER...1929

ADELAIDE F. PFEIFFER Founded by provision in her will...1929

BERNARD ULMANN Dedicated by his brother, Ludwig Ulmann 1930

AGNES C. RICE
Founded by provision in her will...1930

LAURA ROSSMAN
Dedicated by will of Selma Rossman...1932

ROBERT ROSSMAN
Dedicated by will of Selma Rossman...1932

SIMON and LUCY DRUKKER
Dedicated by the will of their daughter,
Jeannette D. Beaumont...1933

ELIAS KEMPNER
Founded by provision in his will...1933

LOUIS B. G. GARLAND Dedicated by his parents, Edward S. Garland and Lillian B. Garland...1933

SAMUEL and ISABELLA KRITZMAN Founded by provision in the will of Isabella Kritzman (Five Beds)...1935

HERMAN LOEVY
Dedicated by Edwin F. Young
(Two Beds)...1936

FRANCES CLAYTON MOSES
Dedicated by her aunt,
Catherine Sampson...1936

LENA KEMP Founded by provision in her will...1937

CELIA and SOLOMON OPPENHEIMER Founded by provision in the will of Solomon Oppenheimer...1938

LOUISE RENSKORF
Provided in the will of her mother,
Millie H. Renskorf...1938

AL HAYMAN and MINNIE HAYMAN
Established by their nephew,
Edwin A. Hochstadter
(Two Beds)...1941

JULIAN and SARAH F. NATHAN and AARON Z. and REBECCA FRIEDMAN Provided in the will of Julian Nathan...1941

Dedicated by EDWIN A. HOCHSTADTER...1942

IGNATZ and JULIA GOSSMAN UNZ Dedicated by their son, Frederick T. Unz (Two Beds)...1942

GUSTAVE and SARAH BASCH Founded by provision in the will of Sarah Basch...1944 FLEURETTE and CORNELIA MORRIS
Founded by provision in the will of
Cornelia B. Morris...1944

GERTRUDE and RALPH PLATZEK Provided in the will of their mother, Sarah Platzek...1945

> TAUBE KATZ Dedicated by her children 1945

Established by MYRON S. FALK...1945

DR. NICHOLAS SACHS and ROSA MANDELSTAM SACHS Provided in the will of Eugenia N. Sachs Dreyer...1946

> DORA KLEINBERGER Founded by Provision in her will 1946

MINNIE KASTOR
By her Husband Adolph Kastor
As a Token of Their Love for Their Children
1946

ANNETTE FLORANCE NATHAN
Provided in the Wills of
Frederick and Maud Nathan...1947

DR. LUDWIG M. MICHAELIS
DR. ALFRED M. MICHAELIS
Provided in the will of Jeannette Michaelis
(Two Beds)....1948

ISAAC BRILL and NELLIE BRILL (Two Beds) Provided in the will of Isaac Brill...1949

CARRIE LOEW MINZESHEIMER...1949

ABRAHAM, GRACE and JEANETTE AHRENS Provided in the will of Esther Tallerman...1950

MRS. HEDWIG STEINER Established by her son Julius Steiner...1952

His Wife EDNA S. LEEDS
Established by
Jules C. Leeds...1952

MEMORIAL BEDS

IN MEMORY OF:

EMA	NUEL DE	CASTRO
Dedicated by	Margaret	D. Plant1902

JOSEPH E. HEIMERDINGER
Dedicated by nis brother and sisters...1904

SAMUEL R. and JANE JACOBS Dedicated by their children...1904

BABETTA ADELSBERGER
Dedicated by her daugnter,
Mrs. Emanuel M. Gattle .1905

SAMUEL ADELSBERGER
Dedicated by his daughter,
Mrs. Emanuel M. Gattle...1905

ISAAC A. and SARAH J. SINGER Dedicated by a son...1906

MAX REUTLINGER
Dedicated by
Mr. and Mrs. Emanuel Reutlinger...1908

CHARLES MAYER
Founded by Max W. Mayer, January 18, 1909

SIGMUND NEUSTADT
Dedicated by Mrs. Agnes Neustadt...1909

EDWARD I. LOEWENSTEIN
Dedicated by Max Loewenstein...1912

SELIGMAN and THERESE OPPENHEIMER
Dedicated by their children...1913

MICHAELIS H. ZIEGEL
Founded by his son, H. F. L. Ziegel...1913

FANNIE MANDELBAUM and MAX MANDELBAUM Dedicated by Bella Del Monte...1914

HENRY LIEBMANN
Dedicated by his wife, Emma Liebmann
1915

PAULINE, JACOB and EDWARD S. BAMBERGER...1915

EDWARD C. HEYMANN
Dedicated by his parents,
Chas. E. and Helen R. Heymann..1915

RICHARD LIMBURG
Dedicated by Mrs. Clara L. Limburg...1916

FREDERICK JACOBI Established by Flora and Frederick Jacobi 1916

MAYER and YETTE KATZENBERG Dedicated by their children...1916

RACHEL KAUFMANN Dedicated by her husband, Gustav Kaufmann...1918

MR. and MRS. EMANUEL S. KUH
Dedicated by their daughter,
Nellie Kuh...1918

NATHAN COHEN
Founded by his parents,
Mr. and Mrs. Isaac Cohen...1921

ALFRED FRANK
Dedicated by his brothers and sisters...1923

GEORGE and ROSE EPSTEIN and THEIR SON, DAVID...1927

MORRIS WOITITZ and FRANCES S. WOITITZ...1937

LEVI and SARAH GOLDENBERG Founded by their daughter, Helen B. Chaim...1938 AARON and AMY H. COLEMAN
By their daughters, Constance Coleman and
Janet C. Dillenberg...1940

EVELYN TANENBAUM Provided in the will of Moses Tanenbaum 1940

LOUIS and HEINRICH STEINER Founded by Hedwig and Julius Steiner 1942

> FELIX C. GOTTSCHALK Dedicated by his wife, Frances J. Gottschalk...1943

EDWIN H. TUSKA
Founded in the will of Maud Tuska...1943

THE DOLLY GLASSCHEIB MEMORIAL BEDS
Dedicated to the memory of his beloved wife By
Arnold Glasscheib (Two Beds)...1944

MICHAEL and JENNY M. KALISKY
Founded by their son,
Joseph Kalisky...1945

DR. MAX PORGES Born, Marienbad, March 2, 1866 Died, New York, January 8, 1947

Established by BRIGHTSIDE DAY NURSERY and KINDERGARTEN CANNON STREET HEALTH CENTER...1949

CLARENCE S. NATHAN
Provided in the will of
Esther Solis Nathan...1950

LOUIS V. FREUND Founded in the will of Natalie Freund Owens...1950

> JEROME DAVID Provided in the will of Jeanette David...1951

GRACE and EDITH SCHNEIDER
1952

Established by HORACE W. GOLDSMITH 1952

LIFE BEDS

Founded by MRS. DEWITT J. SELIGMAN...1882

Founded by
ETHEL F. SELIGMAN
Daughter of
Mr. and Mrs. DeWitt J. Seligman...1897

Dedicated to ELSIE NATHAN...1902

THE MAY S. HARLOW (née STERN) LIFE BED Founded by her, April 28, 1904

THE LUCILE M. S. VAN HEUKELOM LIFE BED Founded November 24, 1904

THE HELEN FOX LIFE BED Founded by Henry Morgenthau, April 7, 1906

Founded by A FRIEND...1907

In Memory of JOSEPH DANNENBERG of Macon, Georgia

THE DR. MANGES LIFE BED Founded by A Friend of the Hospital...1912

In Memory of FANNIE BEHRENS WOLFE and SOLOMON BAIRD WOLFE, M.D.

In Memory of MAX WEIL Dedicated by his wife and son September 14, 1914

In Memory of ISIDORE JACKSON Dedicated by his wife and son September 14, 1914 In Memory of LEONARD M. Dedicated by his parents, Alexander and Rose M. Joseph...1920

In Memory of MORRIS GOLDSTEIN and PAULINE GOLDSTEIN Established by their children...1921

Established by FRANCOIS KLEINBERGER...1921

In Memory of BENJAMIN EHRLICH Established by his wife, Fannie Ehrlich...1929

In Memory of
JULIUS KAUFMANN
Established by his wife,
Emma H. Kaufmann...1930

Founded by
PAULINE F. BAERWALD
March 26, 1931

Dedicated to Humanity by SOLOMON and DORA SHAPIRO (Née Monness)...1932

In Memory of CLARA L. LIMBURG Dedicated by her children...1935

Dedicated to Humanity by IRWIN and FAY AVRICK...1944

Dedicated to Humanity by
MEYER and GERTRUDE COHEN...1944

ANNA C. LOOCKERMAN 1946

In Memory of
MILTON L. FRANK
Dedicated by his sisters
Netta L. and Aline S. Frank...1946

In Memory of
FLORENCE B. SOHN and
DR. DAVID L. SOHN
Dedicated by Husband and Brother
Dr. Maxwell M. Sohn...1947

Established by JULES C. and EDNA S. LEEDS....1948

In Memory of JACOB and PAULINE BRAUNSTEIN 1949 In Memory of
CAROLYN BARBARA W. BLUM
Established by her Sons
KENNETH R. BLUM and
ROBERT M. BLUM
and Her Husband
RICHARD J. BLUM...1950

In Loving Memory of CURT MICHAELIS 1892-1950 Established by His Wife BEATRICE Y. MICHAELIS

In Memory of LESTER M. NIGHTINGALE...1951

Established by ERNST ROTH September 23, 1952 In Thankfulness to This Country

FORM OF BEQUEST

I give and bequeath to The Mount Sinai Hospital of the City of New York, incorporated in 1852,

the sum of
to be used for

LEGACIES AND BEQUESTS

1854		Benjamin Guggenheim	10,000.00
Judah Touro	\$20,000.00	Martin Herman	5,000.00
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Nathan Hermann	5,000.00
1867-1869		Adolph Kerbs	5,000.00
JACOB ABRAHAMS	5,000.00	Lewis S. Levy (1914–1916)	16,343.74
JOSEPH FATMAN	10,000.00	Samuel Lilienthal	14,762.08
BENJAMIN NATHAN	10,000.00	CHARLES RUBENS	5,695.00
		Andrew Saks	5,000.00
1872-1879		WILLIAM SCHOLLE	10,000.00
Dr. S. Abrahams (1872–1873)	14,020.00	Rosa Schreiber	6,267.74
Lewis Philips	11,711.51	Jacob Small (1912–1929)	14,864.30
MICHAEL REESE	25,000.00	John Stemme	5,000.00
		Ludwig Stettheimer	
1882-1889		(1910–1913)	24,748.39
SIMEON ABRAHAMS	10,980.00	ERNST THALMANN	10,000.00
Miss Sarah Burr (1886–1893)	54,900.00	Charles E. Tilford	0
Mrs. Judith Einstein	5,000.00	(1911–1945)	152,513.38
Julius Hallgarten	10,000.00	Moses Weinman	5,000.00
HENRY HERRMAN	5,000.00		
Isaac Hoechster	5,000.00	1915-1919	
WILLIAM MEYER (1889-1891)	12,252.34	Benjamin Blumenthal	15,000.00
1007 700#		EMIL BONDY	10,000.00
1891-1897		HENRY J. DUVEEN	5,000.00
Adolph Bernheimer	5,000.00	Andrew Freedman	5,000.00
DANIEL B. FAYERWEATHER		Kalman Haas	10,000.00
(1891–1897)	9,933.03	J. S. Halle	5,000.00
ABRAHAM KUHN	5,000.00	Jacob Langeloth	5,000.00
Mayer Lehman	17,958.00	Amelia Lavanburg (1916–1917)	10,175.84
Joseph Rosenberg (1893-1926)	9,995.54	Meyer H. Lehman	25,000.00
1009 7004		Moses Lowenstein	5,000.00
1902-1904		CONSTANT MAYER	13,948.09
Julius Beer	10,000.00	Margaret Olivia Sage	
JACOB F. CULLMAN	10,000.00	(1919–1921)	100,000.00
Andrew J. Garvey (1902-1949)		RACHEL H. PFEIFFER	15,000.00
SOLOMON LOEB	10,000.00	Esther Schlesinger (1915–1951)	
Adolph Openhym	5,000.00	David E. Sicher Herman N. Walter	10,000.00
1905-1908		SOLOMON WOLF (1916–1917)	5,000.00
		30L0M0N W0LF (1910-1917)	11,860.18
Meyer Guggenheim	20,000.00		
AMELIA B. LAZARUS (1908–1909)	29,995.76	1920-1924	
MARX W. MENDEL	16,044.10	Morris S. Barnet	35,000.00
SALOMON ROTHFELD	5,0 00 .0 0	Adolph D. Bendheim	5,000.00
SIMON ROTHSCHILD	50,000. 00	Mary Helen Finch	5,000.00
FREDERICK UHLMANN	5,000.00	Joseph Frank	447,374.70
EMANUEL WALTER	7,500.00	Baruch Kaufman	14,250.00
MATHILDE C. WEIL (1906–1907)	12,144.99	Julius Kayser	10,000.00
1010 1014		ELEANOR VON KOPPENFELS	25,000.00
1910-1914		Babette Lehman	5,000.00
JOHN J. CLANCY (1913-1914)	25,000.00	JACOB ROSSBACH	5,000.00
EMANUEL EINSTEIN	9,525.00	WILLIAM SALOMON	10,000.00
Margaret J. P. Graves	10,000.00	Isaac N. Seligman	5,000.00

		7007 7000	
Julia Seligman (1922–1936)	12,682.29	1935-1938	
PEARL WEINMAN	7,065.85	Charles S. Erlanger	5,000.00
7025 7020		Marco Fleishman, for the	
1925-1929		Rosetta and Marco Fleish-	
CHARLES ALTSCHUL	7,500.00	MAN MEMORIAL FUND (1937-	748,764.64
Isaac J. Bernheim	5,000.00	1949) Edward J. King, for the Edward	740,704.04
EMMA BLUMENBERG, in memory		J. King and Jennie I. King	
of her brothers, MARC A. and		MEMORIAL FUND (1936-	
Louis Blumenberg (1929-	66		750,706.90
1930) Adolph Boskowitz	12,473.66	Carrie L. Lehman	10,000.00
Michael Dreicer	10,000.00	EPHRAIM B. LEVY	5,000.00
SOLOMON A. FATMAN	20,000.00	BETTIE MEIERHOFF (1938-1950)	75,613.85
HARRIET F. HAAS	10,000.00	Isa Nordlinger (1936–1937)	9,199.21
AL HAYMAN	25,000.00	Augustus W. Openhym	
HARMON W. HENDRICKS	10,000.00	(1936–1952)	152,154.28
ALEXANDER HERMAN		Henry Ollesheimer	0.0.6
(1927–1928)	100,000.00	(1937–1945)	10,848.16
Mortimer H. Heyman	5,000.00	Lawrence Pike (1935–1952) Harry J. D. Plaut	8,923.55
Morris J. Hirsch	5,000.00	HENRY W. PUTNAM	5,107.50
Albert Lorsch	5,000.00	Joseph Runsheim (1935–1937)	17,872.25
SOPHIE W. Low (1927-1944)	13,057.47	LEAH SIMPSON (1937-1950)	5,211.33
HARRY MAYER	5,000.00	BERTHA WEINMAN, for the Moses	J,J
LOTTIE ESTELLE MAYER (1927-1928)	33,461.87	WEINMAN MEMORIAL FUND	
Eugene Meyer	10,000.00	(1935–1951)	,490,050.17
ALINE MYERS	15,027.87		
JONATHAN NATHAN (1926-1933)		1940-1944	
MICHAEL P. RICH	20,000.00	FANNIE H. COX	0 277 24
MARMADUKE RICHARDSON	5,000.00	SAMUEL M. FECHHEIMER	9,377.34
Morris Rossin	10,000.00	(1943-1947)	10,023.44
Lewis Schoolhouse	5,000.00	LILLIE GUINZBURG, in memory	,3-44
EMANUEL SPIEGELBERG	5,000.00	of Mr. Henry A. Guinzburg	5,000.00
Louis S. Stroock	5,000.00	Elsa B. Jacob (1944-1946)	12,047.92
EMILY A. WATSON	24,998.20	Frederick Keim	5,000.00
HARRIET WEIL SIMON R. WEIL (1929–1934)	5,000.00 156,468.28	Ida Meyer (1940-1944)	14,987.73
Morris Weinstein	5,000.00	Amalia F. Morse	15,000.00
EMIL WOLFF	29,794.12	Edward Rubin	5,000.00
	~9,794.1~	David Schoenfeld	5,000.00
1930-1934		JAMES ULMANN (1940-1951)	96,402.77
		Frank Wallach (1942–1952)	5,883.34
Ludwig Dreyfuss	25,000.00		
WILLIAM HARTFIELD		1945-1951	
(1931–1952)	10,427.34	LENA S. BAYER (1951-1952)	68,789.61
ALFRED M. HEINSHEIMER	5,000.00	LENA S. BAYER, in memory of	,,-,
BETSY S. KORMINSKY	5,000.00	STEPHEN D. AND LENA S.	
Julius Marcus	19,185.83	BAYER	60,000.00
Louis Marshall (1931-1943)	11,754.24	ALBERT BENDHEIM (1946-1951)	13,568.61
ISAAC MARX	7,500.00	HENRY L. BLUM	10,000.00
HARRY H. MEYER (1930-1952)	624,110.49 5,000.00	Elsa J. Brill, in memory of	
Pauline Myers	5,000.00	Dr. NATHAN E. BRILL	5,000.00
Louis C. Raegner	5,000.00	Edward Bromberg	4,000.00
RUDOLPH J. SCHAEFER	64,845.88	WILLIAM NELSON CROMWELL,	
(1934–1937) Benjamin Stern (1934–1937)	25,000.00	in memory of Mr. Alfred	
FRIEDA WIMPFHEIMER	5,000.00	JARETZKI (1949-1951)	270,400.00
I RIEDA WIMPFHEIMER	,,,,,,,,,,		

HATTIE J. DANZIGER, in memory		CHARLES A. RIEGELMAN	2,500.00
of HATTIE J. DANZIGER,		Bertha Rosenheim	5,000.00
HENRY DANZIGER AND HENRY		Julius Rudisch (1946–1950)	40,952.49
J. JACOBSON	3,500.00	MELVILLE FOREMAN SACHS	5,000.00
LAURENCE DAVIES, in memory		JACOB STRAUSS	2,500.00
of Mr. Andrew M. Davies	5,000.00	UNITED HOSPITAL FUND, repre-	,,,
LAURENCE DAVIES, in memory		senting a part of the Estate	
of CLARA M. DAVIES	5,000.00	of Carrie von Bernuth Foot	
MAX EPSTEIN	2,500.00	(1947-1950)	18,159.53
ALBERT ERDMAN	14,918.56	ABRAM A. WEIGERT, in memory	. 22 23
HENRY M. FLATEAU	5,000.00	of Aaron, Anna, Morris and	
Rose Frankenheimer	2,500.00	RAY, WEIGERT, ANNE CHARIG	
Esther G. Friedenheit, in		AND MILLIE DAVIS (1951-	
memory of Esther G., Isaac		1952)	10,000.00
AND MYRON GOLDSMITH FRIE-		Jessie F. Zimmern	2,500.00
DENHEIT	10,000.00	1050	
Max Gluck	6,616.01	1952-	
PAUL GUMBINER	4,054.25	Reba A. Baum	2,500.00
MAX HORWITZ, in memory of		Anna Gelberg	2,000.00
Mr. Hugo Blumenthal	5,000.00	IDA HEIM, in memory of MR.	
Frances C. Kahn, in memory		Joseph Heim	2,000.00
of Annie H. Kahn, Fred		IDA HEIM, in memory of MR.	
HIRSCHHORN AND CHARLES		Leopold L. Loeb	500.00
Hirshon (1948–1949)	54,582.43	Bella Heineman	75,000.00
Magdalene M. Klingenstein		Louis Hirsch	8,814.74
for Maternity Pavilion (1948-		PHILIP KAHN	100.00
1951) 1,	890,265.24	David Krasnow	500.00
Frederick Nathan (1949-1951)	9,917.51	Theodore Obermeyer	8,265.39
DAVID E. OPPENHEIMER	5,000.00	KATE SHOTLAND	100.00
WILLIAM OPPENHYM	8,102.21	ARTHUR SILBERMANN	5,000.00
M. WARLEY PLATZEK (1946-		Samuel Simon	3,000.00
1949)	21,536.06	SIGMUND WIMELBACHER	500.00

ENDOWMENTS FOR SPECIAL PURPOSES

Sara Welt Memorial Fund Established by Dr. Sara Welt (Kakels); income to be used for the Sara Welt Clinic for Healthy Infants, the Sara Welt Fellowships in Research Medicine, and for other purposes as provided in her will.	\$1,065,000.00
Mr. and Mrs. Charles Klingenstein Fund Established by Mr. and Mrs. Charles Klingenstein; income to be used for non-budgetary purposes as determined annually by the Board of Trustees.	185,000.00
Emilie Voorzanger Fund	149,000.00
Benjamin Altman Fund	100,000.00
Marjorie Walter Goodhart and Florence Henrietta Walter Children's	•
Clinic Endowment Founded by their parents, Florence B. and William I. Walter; income to be used for the purposes of Children's Clinic.	
Marjorie Walter Goodhart and Florence Henrietta Walter Memorial	!
Fund	25,000.00
Babette Lehman Fund	•
Louis W. Neustadter Fund	100,000.00
The Mount Sinai Hospital Fund for Medical Education Joseph F. and Zillah Cullman contributed \$25,000.00 as a nucleus of said fund; \$25,000.00 was contributed by the estate of Henry P. Goldschmidt, and \$50,000.00 was contributed by the estate of Joseph F. Cullman; the income to be used to defray expenses arising out of clinical lectures, demonstrations, and conferences, and for cognate purposes.	100,000.00
Josephine Home Fund Established by Josephine Home, Inc., income to be used for the establishment and maintenance of the Children's Guidance Clinic.	66,000.00
The Dr. Alfred Meyer Foundation	63,000.00

Philip J. Goodhart Fellowship Fund Established by provision in the will of Hattie Lehman Goodhart \$25,000.00, by the executors of the estate of Philip J. Goodhart \$25,000.00 and by the Board of Trustees \$5,000.00; income to be used for fellowships.	55,000.00
Dr. Isador Abrahamson Neurological Fund	50,000.00
George Blumenthal, Jr., Fellowship Fund	50,000.00
Alfred A. and Ruth M. Cook Fund	50,000.00
Florette and Ernst Rosenfeld Foundation	50,000.00
Maurice Wertheim Memorial Fund Established by his partners and a former partner in Wertheim and Company.	50,000.00
Maurice Wertheim Fund. Established by provision in the will of Maurice Wertheim; income to be used and distributed in such manner as determined by the Board of Trustees.	50,000.00
Eugene A. Hellman Fund	41,000.00
Dr. Eli Moschcowitz Fund	37,000.00
Etta C. Lorsch Memorial Fund	34,370.00
Minnie Kastor Memorial Fund	30,000.00
Charles Klingenstein Fellowship Fund Established by Mrs. Charles Klingenstein; income to be used for fellowship in any clinical or laboratory department of the Hospital, as determined by the Board of Trustees.	25,000.00
Stanley D. Kops Memorial Fellowship Fund Established by the Kops family; income to be used for a fellowship in any hospital field of activity as selected by the Board of Trustees.	25,000.00

Moritz Rosenthal Fellowship Fund	25,000.00
Harriet Meyer Memorial Fund	25,000.00
Alice Goldschmidt Sachs Endowment Fund Established by provision in the will of Alice Goldschmidt Sachs; income to be used for medical education.	25,000.00
Ambulance Fund	20,000.00
Emanuel Van Raalte Endowment Fund for Medical Education Legacy; income to be used for medical education.	20,000.00
Moritz Warburg Social Service Fund Founded by Felix M. and Paul M. Warburg; income to be applied to the work of the Social Service Department.	20,000.00
Robert and John Kaufmann Vacation Fund Founded by Max Kaufmann; income to be used for providing vacations, preferably for crippled children.	11,000.00
Theodor Escherich Fellowship Fund Founded by Edward S. Steinam; income to be applied to the maintenance of a fellowship in pathology.	10,000.00
Moses Heineman Fellowship Fund Founded by Moses Heineman; income to be applied to the maintenance of a fellowship in pathology.	10,000.00
Eugene Meyer, Jr., Fellowship Fund Founded by Eugene Meyer, Jr.; income to be applied to the maintenance of a fellowship in pathology.	10,000.00
Dr. Henry Koplik Fund	10,000.00
Emil Wolff Social Service Fund	10,000.00
Edward Gamaliel Janeway Lecture Fund	10,000.00
James Joseph Speyer Fund Established by provision in the will of James Joseph Speyer; income to be used for assisting sick nurses employed at the Hospital.	10,000.00
William Henry Welch Lecture Fund Established by Dr. Emanuel Libman; income to be used to provide lectures to be named after Dr. William Henry Welch of Johns Hopkins University.	10,000.00

Dr. Murray H. Bass Fund Established by his friends and associates; income to be used for non-budgetary educational and research projects of the Pediatric Service.	9,200.00
Library Funds Dr. Abraham Jacobi Library Fund of \$5,000.00 established by the Board of Trustees to commemorate the eightieth birthday of Dr. Abraham Jacobi; income to be applied to the purchase of books for the Hospital Library. Dr. Fred S. Mandelbaum Memorial Fund of \$2,200.00 contributed by many of his friends; income to be applied to the purchase of books for the Hospital Library.	7,200.00
The Mount Sinai Hospital Alumni Fund	7,000.00
Charles and Camilla Altschul Fund for Nursing in Wards Founded by Charles and Camilla Altschul; to defray the expense of special nursing in the wards.	5,000.00
Isaac C. Bishop Fund	5,000.00
Fannie C. Korn Fund	5,000.00
Dr. Bela Schick Lectureship Fund Established by his associates and friends; income to be used for an annual lecture on pediatrics.	4,200.00
Milton M and Carrie G. Silverman Fund Established by The Stuart Foundation, Inc.; income to be used for medical research as determined by the Board of Trustees.	4,000.00
Dr. S. S. Goldwater Fellowship Fund Established by provision in the will of Dr. S. S. Goldwater and by his friends and Mrs. S. S. Goldwater for support of a Fellowship in Hospital Administration.	3,100.00
Morris Littman Social Service Fund Established by provision in the will of Morris Littman; income to be applied to the work of the Social Service Department.	3,000.00
Dr. Isidore Friesner Lecture Fund Established by his friends; principal and income to be used to bring lecturers to the Hospital, preferably in the field of otology.	2,600.00

ENDOWMENTS FOR GENERAL PURPOSES

The Jacob Newman Fund	\$353,000.00
THE BELLA STIEFEL FUND	67,000.00
THE CARRIE M. AND GUSTAV BLUMENTHAL FUND	35,000.00
THE GEORGE AND FLORENCE BLUMENTHAL FUND	30,000.00
THE PHILIP J. AND HATTIE L. GOODHART FUND	30,000.00
THE ELLIN P. AND JAMES SPEYER FUND	30,000.00
THE ISAAC AND HENRIETTA STRAUSS FUND	30,000.00
THE ANNIE C. AND CHARLES A. WIMPFHEIMER FUND	30,000.00
THE MURRY AND LEONIE GUGGENHEIM FUND	25,000.00
THE TILLIE S. AND ALFRED JARETZKI FUND	25,000.00
The Adolph and Emma Lewisohn Fund	20,000.00
THE EDWARD OPPENHEIMER FUND	20,000.00
THE MORTON L. ADLER FUND	16,000.00
THE ESTELLE AND HUGO BLUMENTHAL FUND	15,000.00
THE ELIAS AND LINA MEYER ASIEL FUND	10,000.00
The John A. and Henrietta Cook Fund	10,000.00
THE DAVID L. AND CARRIE F. EINSTEIN FUND	10,000.00
THE PAUL AND MIRIAM H. GOTTHEIL FUND	10,000.00
THE ALBERT N. HALLGARTEN FUND	10,000.00
THE HENRY AND ROSA LEHMAN FUND	10,000.00
THE ALBERT A. LEVI FUND	10,000.00
THE EUGENE AND HARRIET MEYER FUND	10,000.00
THE HENRY AND JOSEPHINE MORGENTHAU FUND	10,000.00
THE ROSALIE AND MAX NATHAN FUND	10,000.00
THE MR. AND MRS. SAM S. STEINER FUND	10,000.00
THE ISAAC AND VIRGINIA STERN FUND	10,000.00
THE ALEXANDRE AND JULIE WEILL FUND	10,000.00
-	

Total \$856,000.00

MEDICAL RESEARCH FUNDS

Pauline O. Stern Research Fund	\$461,000.00
Abraham and Amelia Meyers Memorial Fund Established by provision in the will of Amelia Meyers; income to be used in the furtherance of medical and scientific research.	227,000.00
Etta C. and Arthur Lorsch Fund	204,000.00
Samuel M. Fechheimer Foundation for Medical Research Established by provision in the will of Samuel M. Fechheimer; income (and capital if necessary) to be used for medical research and education.	156,000.00
Frederick Housman Fund for Medical Research Established by provision in the will of Frederick Housman; income to be used for medical research as determined by the Board of Trustees.	146,000.00
S. S. Prince Research Fund Established by provision in the will of S. S. Prince; income to be used for research work.	100,000.00
Henry and Emma Rosenwald Foundation	100,000.00
Kops Foundation for Pathological Research	75,000.00
Lorsch-Sachs Endowment Fund for the Promotion of Medical Research. Created by Josephine Lorsch, Nellie and Harry Sachs in memory of Albert Lorsch, Jenny and Sigmund Lorsch; income to be used for the study of some promising scientific problems, especially for research work bearing upon the origin and cure of cancer.	60,000.00
Joseph Schoenberg Fund	50,000.00
Max Nathan Laboratory Fund. Established by his wife and daughters; income to be used primarily towards the payment of salaries in the Laboratory Research Department.	30,000.00
Dr. Richard Lewisohn Cancer Research Fund	25,000.00

William N. Cohen Research Fund	25,000.00
Eugene Littauer Research Fund Founded by Eugene Littauer in memory of Nathan Littauer; income to be used for medical research work.	25,000.00
Elsie and Walter W. Naumburg Fund Established by Mr. and Mrs. Walter W. Naumburg; income to be used exclusively for chemical research at The Mount Sinai Hospital.	22,300.00
Elias Asiel Research Fund Founded by Irma A. Bloomingdale and Nelson I. Asiel; income of which is to be applied to the payment of salaries or fellowships in the research work of the Pathological Department.	21,000.00
Jennie M. Breitenbach Fund	20,000.00
Eugene Strauss Endowment Fund for Medical Research Established by provision in the will of Charles Strauss; income to be used for medical research.	20,000.00
Lester and Corinne Hofheimer Research Fund Established under the will of Lester Hofheimer; to be used for cancer or other research.	15,000.00
Morris J. and Carrie Hirsch Fund Established by Walter A. and Steven J. Hirsch in memory of their parents, \$10,000,000; and donation, \$2,500.00, from Mr. and Mrs. Steven J. Hirsch in memory of Walter A. Hirsch; income to be devoted to work in connec- tion with the study of cancer.	12,500.00
Rosie Bernheimer Memorial Fund Established by provision in the will of Miss Rosie Bernheimer; income to be used for clinical research work.	10,000.00
Morris Fatman Medical Research Fund	10,000.00
Joel E. Hyams Fund Established by provision in the will of Rosalie Hyams; income to be devoted to research work in cancer.	10,000.00
Joseph and Rosa Liebmann Fund Established by Sadie Liebmann Steiner as a tribute to the memory of her parents; income to be used for medical research.	10,000.00
William J. H. Steiner Fund Founded by his father, Samuel S. Steiner; income to be used for medical research.	10,000.00
Virginia I. Stern FundLegacy; income to be used for medical research work.	10,000.00
Herman Younker Fund for Clinical and Pathological Research Established by Mrs. Herman Younker; income to be used exclusively for clinical and pathological research.	10,000.00
Leo L. Doblin Endowment Fund for Research Work Legacy; income to be used solely for research work in the Pathological Laboratory.	10,000.00

Arthur E. Frank Medical Research Fund Established by provision in the will of, and in memory of, Arthur E. Frank; the income from this fund is to be devoted to laboratory research work, preferably in connection with the study and cure of cancer.	7,500.00
Florentine S. Sutro Research Fund	5,000.00
Dr. Louis Fischer Fund. Established by provision in the will of Dr. Louis Fischer; principal and income to be used for research in pediatrics.	4,000.00
Dr. Benjamin B. Eichner Eye Research Fund	3,000.00
Total	\$1,894,300.00

SPECIAL FUNDS OF THE MOUNT SINAL HOSPITAL SCHOOL OF NURSING

Murry Guggenheim Scholarship Fund

Established by Murry Guggenheim to provide (a) six scholarships, each in the amount of \$100.00 to be awarded to entering students beginning with the class entering in February 1950; the selection to be based on the financial need for assistance of applicants, evidence of ability to meet the qualifications of a professional nurse and scholarship standing in the school attended by such applicant prior to application; (b) 12 medals in the form adopted by the Board of Directors of the School to be awarded to 12 students beginning with the class graduating in February 1950, who have shown exceptional ability during their attendance at the School; and (c) a graduate scholarship for the balance of the yearly income of the fund to a graduate nurse of the School applying for the same to assist the recipient in the completion of a degree program to be followed by such applicant. The award shall be made by the faculty of the School and the basis shall be evidence of eligibility for admission to a university, an existing need for special preparation for an essential field of work, proof that the individual is capable of this specified study and gives promise of competency in the position for which she is preparing.

Murry and Leonie Guggenheim Scholarship and Aid Fund

Established by the Murry and Leonie Guggenheim Foundation. The income to be used to provide (a) ten Murry and Leonie Guggenheim Scholarships in the amount of \$100 each for entering student nurses meeting the entrance requirements of the School and applying for scholarships on the basis of financial need; (b) Murry and Leonie Guggenheim Scholarships in the amount of \$50 for each student nurse upon entering the second and third years after satisfactory completion of the work of the prior year; and (c) grants in aid or loans to needy students.

Estelle and Hugo Blumenthal Scholarship and Graduation Fund

Founded by Estelle and Hugo Blumenthal to provide an annual scholarship of \$500.00 to the student in the graduating class who has shown special fitness to advance in the profession of nursing by taking courses at a College, or University, approved by the Board of Directors of the School. This fund also provides a cash award to each graduating student.

Isabella Freedman Fund

Established by Mrs. Isabella Freedman; income to be used for an award to a student in the graduating class who has shown marked ability, proficiency and interest in her work.

Carrie M. and Gustav Blumenthal Graduating Class Prize Fund

Established by provision in the will of Gustav Blumenthal; income to be distributed annually as a prize or prizes among the graduating class in such manner as the Directors of the School determine.

Berthold Levi Fund

Founded by Mrs. Berthold Levi in memory of Berthold Levi; income to be used for educational purposes.

Amy C. and Fred H. Greenebaum Fund

Established by Mr. and Mrs. Fred H. Greenebaum; income to be used for an annual award to a deserving student.

Daniel Kops Prize Fund

Founded by the employees of the House of Kops in memory of Daniel Kops. The estate of Daniel Kops also contributed to this fund. Income to provide a prize to a student nurse for excellence in bedside nursing and kindness to patients.

Carrie Untermeyer Prize Fund

Founded by Henry Untermeyer; to establish an annual award to the student in the graduating class who has the best record for kindness and proficiency in bedside nursing.

Solomon and Betty Loeb Fund

Founded by Solomon Loeb; income to be used for charitable or educational purposes.

Emil Berolzheimer Memorial Fund

Founded by Mrs. Emil Berolzheimer in memory of her husband, Emil Berolzheimer; income to be used for higher education of nurses.

Albert W. Scholle Memorial Fund

Founded by William and Frederic Scholle as a tribute to the memory of their father; income to provide a recreation and vacation fund for the student nurses of the School.

Lillie Stern Scholle Pleasure Fund

Founded by Albert W. Scholle; income to be used largely to defray the expenses of parties, dances and other social gatherings of the students.

Eugene Meyer, Jr., Library Fund

Founded by Eugene Meyer, Jr.; income to be used to supply books and magazines for the School Library.

Jacques D. Wimpfheimer Memorial Fund

Founded by Charles A. Wimpfheimer in memory of his son, Jacques D. Wimpfheimer. Any student requiring financial assistance during her course may call upon this fund.

Charles A. Wimpfheimer Emergency Relief Fund

Established by Charles A. Wimpfheimer in order to give emergency relief or temporary assistance to graduates of the School and members of the Alumnae Association of the Mount Sinai Hospital School of Nursing.

Mr. and Mrs. Sam S. Steiner Fund

Founded by Mr. and Mrs. Sam S. Steiner in memory of their beloved son, William J. H. Steiner; income to be used for the relief of needy graduates of the School.

Mr. and Mrs. Morris Fatman Relief Fund for Graduate Nurses

Founded by Mr. and Mrs. Morris Fatman; income to be used for the relief of graduate nurses.

Aid and Relief Fund

Founded anonymously by a Director of the School of Nursing; income to be used for the assistance of graduate and undergraduate nurses.

Kalman and Harriet F. Haas Fund

Founded by Kalman Haas; income to be used for the general purposes of the School.

HOSPITAL LIFE MEMBERS

Elected Prior to 1917

Samuel A. Lewis

Arthur Meyer

Walter W. Naumburg

Mrs. Florence S. Roberts

Mrs. Albert D. Stein

The election of Life Members to The Mount Sinai Hospital was discontinued in 1917, upon the organization of the Federation of Jewish Philanthropies, at which time the Hospital became a constituent of Federation.

GIFTS TO SOCIAL SERVICE DURING YEAR 1952

DONORS OF BOOKS AND MAGAZINES

Agate, Miss Jerry American Red Cross, The Asch, Mrs. Andrew O. Asinof, Mrs. Jesse B. & G. Corp. Bachman, Miss Ellen Baden, Mr. Fred Baerwald, Mrs. Paul Bannister, Mrs. Harry C. Bernheim, Mrs. Isaac J. Bien, Dr. Morris Bisher, Dr. Peter Blumenthal, Mrs. Robert G. Bodenheimer, Mrs. Irving H. Book of the Month Club Braimer, Mr. Jack Brand, Mrs. Anna Breaksa, Mrs. Rebecca Brennan, Mr. Paul Brieger, Mrs. Clarence E. Brown, Mrs. Samuel S. Butler, Mrs. Jack Cahen, Mrs. Harold A. Cahn, Mrs. William M. Jr. Campion, Mr. Richard Cassell, Mr. & Mrs. Marvin Chang, Madam Teresa Ciner, Mrs. Martin Clark, Mrs. Walter D. Cohen, Mrs. Arthur J. Cohen, Mr. Iving E. Cohn, Mrs. Leonard A. Cole, Mr. Arthur Cole, Mrs. Bertram Condan, Mrs. Margaret Cook, Mrs. Alfred A. Davis, Mrs. Helen de Gunzburg, Baroness Theodore

dore
Dismond, Mrs. Sidney A.
DiMaggio, Mrs. Theresa
Doret, Miss Elaine
Dreyfoos, Mrs. S. M.
Dworetzky, Mrs. Nathan P.
Einhorn, Mrs. Joseph J.
Epstein, Mrs. William A.
Evans, Miss Bertha
Evans, Mrs. Betsey V.
Evnin, Mrs. Nina

Falk, Mrs. Myron S. Jr. Frank, Col. Norman D. Frankenbush, Mr. Richard Freeman, Mrs. Milton W. Friedberg, Mrs. Charles K. Friedlander, Mrs. Kurt A. Friedman, Miss Beth Gagliardini, Mrs. Alessandro Galan, Mr. Joseph B. Garlock, Dr. John H. Geringer, Mrs. M. Glazier, Mrs. Henry S. Gold, Mr. M. Goldsmith, Mr. Arthur J. Goldsmith, Mrs. L. L. Goldsmith, Mr. Richard Goodman, Miss Minnie Gray, Mrs. Robert A. Greenbaum, C. D. Co., Inc. Greenwald, Mrs. Grace Guggenheimer, Mr. & Mrs. Randolph Guinzburg, Mrs. H. A. Gusinsky, Mr. Fred Haas, Mrs. Erwin Halpern, Dr. S. Theodore Hanson, Mrs. Edward C. Harmonie Club, The Heller, Mrs. Joseph A. Herrmann, Mrs. John A. Hirsch, Mrs. Walter A. Holstein, Mrs. Samuel Jacobi, Mrs. Frederick Kass, Miss Helen Joy Kastor, Mrs. Hugo Katz, Mrs. Bertha Kaufman, Miss Bettina Kaufmann, Mrs. Irving G. Kelly, Miss Susan Kempe, Mrs. Emily G. Kempner, Mrs. Alan H.

Kipness, Mrs. Adele

Kobelin, Mr. Fred

Kraft, Mrs. Alice

Kralovich, Miss E.

Kolesnikoff, Mr. A.

Kortschak, Mrs. Hugo

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Gynecologist	1947 Leo Edelman, M.D., Urologist
1922 *Howard Lilienthal, M.D., Surgeon	1948 Murray H. Bass, M.D., Pediatrician
1922 *Henry Heiman, M.D., Pediatrician	1949 Joseph Harkavy, M.D., Allergist
1923 *Charles H. May, M.D.,	1950 Morris S. Bender, M.D.,
Ophthalmic Surgeon	Otolaryngologist
1924 *Bernard Sachs, M.D., Neurologist	1950 Bernard H. Eliasberg, M.D.,
1925 *Nathan E. Brill, M.D., Physician	Anesthetist
1925 *Emanuel Libman, M.D., Physician	1950 Arthur J. Bendick, M.D., Radiologist
1926 *Joseph Brettauer, M.D., Gynecologist	1950 Ira Cohen, M.D., Neurosurgeon
1927 *Samuel Bookman, Ph.D., Chemist	1951 George Baehr, M.D., Physician
1927 *A. V. Moschcowitz, M.D., Surgeon	1951 *Joseph H. Globus, M.D.,
1929 *Hermann Goldenberg, M.D., Dermatologist	Neuropathologist
1929 *Charles A. Elsberg, M.D., Surgeon	1951 Nathan Rosenthal, M.D.,
1932 *Julius Wolff, M.D.,	Hematologist
Ophthalmic Surgeon	1951 Ernst P. Boas, M.D., Physician
1934 *Albert A. Berg, M.D., Surgeon	1951 Samuel Silbert, M.D., Surgeon
1934 *Philip W. Nathan, M.D., Orthopedist	1951 Israel S. Wechsler, M.D., Neurologist
1935 Heinrich F. Wolf, M.D.,	1952 M. Murray Peshkin, M.D., Allergist
Physical Therapist	1952 Isidore Snapper, M.D., Physician
* Deceased	

THE MEDICAL AND SURGICAL STAFF

(As of December 31, 1952)

CONSULTING STAFF

Physicians

George Baehr, M.D. David Beck, M.D. Ernst P. Boas, M.D. Eli Moschcowitz, M.D.

> Allergist Joseph Harkavy, M.D.

Cardiologist
Irving R. Roth, M.D.

Bernard S. Oppenheimer, M.D. Reuben Ottenberg, M.D.

* Daniel Poll, M.D. Isidore Snapper, M.D.

> Gastroenterologist Burrill B. Crohn, M.D.

Hematologist Nathan Rosenthal, M.D.

Pediatricians

Murray H. Bass, M.D.

Bela Schick, M.D.

Allergist M. Murray Peshkin, M.D.

Neurologists

* Joseph H. Globus, M.D. Israel Strauss, M.D. Israel S. Wechsler, M.D.

Dermatologists

Louis Chargin, M.D.

Isadore Rosen, M.D.

Surgeons

Richard Lewisohn, M.D.

Harold Neuhof, M.D.

Samuel Silbert, M.D. (For Peripheral Vascular Diseases)

Neurosurgeon

Ira Cohen, M.D.

Gynecologist Isidor C. Rubin, M.D.

^{*} Deceased

CONSULTING STAFF

(Continued)

Urologists

Leo Edelman, M.D.

Abraham Hyman, M.D.

Otolaryngologist

Morris S. Bender, M.D.

Ophthalmic Surgeon

Kaufman Schlivek, M.D.

Anesthetist

Bernard H. Eliasberg, M.D.

Neuropathologist

* Joseph H. Globus, M.D.

Radiologist

Arthur J. Bendick, M.D.

Physical Therapist

Heinrich F. Wolf, M.D.

Oral Surgeon

Joseph Schroff, M.D., D.D.S.

MEDICAL SERVICE

Physician to the Hospital and Director of the Department of Medicine Alexander B. Gutman, M.D.

Associate Attending Physicians

Harold A. Abramson, M.D.

(for Allergy)

David Adlersberg, M.D.

(for Metabolic Diseases)

Henry Dolger, M.D.

(for Metabolic Diseases) Benjamin Eliasoph, M.D.

(for Special Service)

Charles K. Friedberg, M.D.

William M. Hitzig, M.D.

Saul Jarcho, M.D.

Arthur M. Master, M.D.

(for Cardiology)

Herbert Pollack, M.D. (for Metabolic Diseases) Coleman B. Rabin, M.D.

(for Thoracic Diseases) Solomon Silver, M.D.

Louis J. Soffer, M.D.

Lester R. Tuchman, M.D. Peter Vogel, M.D.

(for Hematology)

Louis R. Wasserman, M.D.

(for Hematology)

Asher Winkelstein, M.D. (for Gastroenterology)

^{*} Deceased

MEDICAL SERVICE

(Continued)

Assistant Attending Physicians

- (s) Samuel H. Averbuck, M.D. Frank A. Bassen, M.D. (for Hematology)
- (s) Solon S. Bernstein, M.D.
- (o) Frederick Bridge, M.D.

 (for Thoracic Diseases)
 Simon Dack, M.D.

 (for Cardiology)
 Max Ellenberg, M.D.
- (o) Emanuel Z. Epstein, M.D.
 Oscar H. Friedman, M.D.
 (for Thoracic Diseases)
 Jacques L. Gabrilove, M.D.
 Isadore E. Gerber, M.D.
 Alvin J. Gordon, M.D.
- (0) Edward B. Greenspan, M.D. Ezra M. Greenspan, M.D. Arthur Grishman, M.D. (for Cardiology)
- (o) Herman Hennell, M.D.
 Henry Horn, M.D.
 Harry L. Jaffe, M.D.
 (for Cardiology)
 Henry D. Janowitz, M.D.
 (for Gastroenterology)
- (s) Frederick H. King, M.D.
- (s) Hyman Levy, M.D.
 Milton H. Levy, M.D.
 (for Gastroenterology and
 Gastroscopy)
- (o) S. S. Lichtman, M.D.

- (r) Mack Lipkin, M.D. (for Psychosomatic Medicine) Raymond S. Megibow, M.D
- (s) Milton Mendlowitz, M.D.
- (o) Abraham Penner, M.D.
 Ely Perlman, M.D.
 (for Allergy)
 Alexander Richman, M.F.

Alexander Richman, M.D. (for Gastroenterology and Gastroscopy)

- (s) Arthur Schifrin, M.D.
 Bernard M. Schwartz, M.D.
 Irving J. Selikoff, M.D.
 (for Thoracic Diseases)
 Sheppard Siegal, M.D.
 (for Allergy)
 Louis E. Siltzbach, M.D.
 Jonas H. Sirota, M.D.
- (s) Arthur R. Sohval, M.D. Clifford L. Spingarn, M.D. Daniel Stats, M.D.
- (o) Morris F. Steinberg, M.D.
- (o) J. Edward Stern, M.D. (r) Mario Volterra, M.D.
- (o) Kaufman Wallach, M.D.
- (0) Harry Weiss, M.D.
 Harry Yarnis, M.D.
 (for Gastroenterology)
 Herman Zazeela, M.D.
 (for Convalescent Care)
- (o) Frederic D. Zeman, M.D.

Senior Clinical Assistants

Harold Aaron, M.D. Jack Abry, M.D. Joseph M. Alper, M.D. John Amoruso, M.D. Ludwig Anfanger, M.D. Maynard B. Badanes, M.D.

- (o) Leon Bader, M.D. Joseph Bandes, M.D.
- (o) Arnold T. Benfey, M.D. Bennett W. Billow, M.D.

⁽s) For Special Service.

⁽o) Off Service.

⁽r) Resigned

MEDICAL SERVICE

(Continued)

Herbert Blau, M.D. Perry Blumberg, M.D. Hans L. W. Blume, M.D. Jack S. Brandes, M.D. Arthur A. Briskier, M.D. Morris Chamurich, M.D.

- (0) Isaac Chasatzky, M.D.
 Salvatore Contento, M.D.
 Albert Cornell, M.D.
 Selvan Davison, M.D.
 Anita DeLemos, M.D.
 Henry L. Dorfmann, M.D.
 Morton H. Edelman, M.D.
 Alan Emanuel, M.D.
 Mindel R. Erdberg, M.D.
 Paul Fagin, M.D.
 Joseph Faltitschek, M.D.
- (0) Henry Feibes, M.D.
 Samuel A. Feldman, M.D.
 Leonard E. Field, M.D.
 Leon Figur, M.D.
 Charles Fox, M.D.
- (0) Alfred Foyer, M.D.
 Bernard I. Freedman, M.D.
 Theodore Gold, M.D.
 Irving D. Gould, M.D.
 Emil Granet, M.D.
 Sidney S. Greenberg, M.D.
 S. Frederick Hahn, M.D.
 Paul J. Halberstadt, M.D.
 Herman G. Helpern, M.D.
 Leo Hennell, M.D.
- (0) Joseph Herzstein, M.D. Manfred Hess, M.D. Dan Holbrooke, M.D. Mark Imberman, M.D.
- (o) Moritz Jacobson, M.D. Leo Kauftheil, M.D. Kurt Jellinek, M.D.
- (o) Siegbert Kamnitzer, M.D. Rose H. Klein, M.D. J. John Kristal, M.D.

(o) Adolph A. Lilien, M.D.
Marvin Linick, M.D.
Egon E. Lustig, M.D.
Harold D. Margulies, M.D.
Jacob D. Matis, M.D.
Herman Moses, M.D.
Robert A. Newburger M.D.

Herbert H. Lampert, M.D.

- Jacob D. Matis, M.D.
 Herman Moses, M.D.
 Robert A. Newburger, M.D.
 Kermit E. Osserman, M.D.
 Julius Ottenheimer, M.D.
 Albert D. Parets, M.D.
 Roman B. Perkul, M.D.
 Charles Ressler, M.D.
 Benjamin Richman, M.D.
 Fritz Riesenfeld, M.D.
- (0) Adolf Rosenberg, M.D.
 Jacob Rosenblatt, M.D.
 George J. Sabrin, M.D.
 E. Milton Sachs, M.D.
 Hans M. Salzmann, M.D.
 Norman A. Samuels, M.D.
 David G. Schwartz, M.D.
- (o) Leopold Seidenberger, M.D. Irving Solomon, M.D. Irving Somach, M.D. Eugene Somkin, M.D. Arthur Sonnenfeld, M.D. S. Zelig Sorkin, M.D.
- (o) Alfred Sorter, M.D.
 Walter J. Sperling, M.D.
 Emanuel Stein, M.D.
 Leonard Stone, M.D.
 Sidney Storch, M.D.
 Mary C. Tyson, M.D.
- (0) Walther H. Ullman, M.D.
 Marc Vechsler, M.D.
 Max Waltzer, M.D.
 John J. Webster, M.D.
 Rudolph Weil, M.D.
 Charles Weisberg, M.D.
- (o) Adolf Weiss, M.D. Adolph Weissman, M.D.

MEDICAL SERVICE

(Continued)

Marcus Widmann, M.D. Morton W. Willis, M.D. Victor Willner, M.D. Sigmund Winter, M.D. Maurice E. Wolf, M.D. Martin Wolfsen, M.D. Morton Yohalem, M.D. Hyman Zuckerman, M.D.

Wolf Zukerman, M.D.

Clinical Assistants

(Out-Patient Department)

Robert Wm. Barnett, M.D. Joseph J. Bennett, M.D. Kenneth K. Berman, M.D. John J. Bookman, M.D. Kenneth Chesky, M.D. Henry Colcher, M.D. Ruth E. Cortell, M.D. Edward B. Crohn, M.D. Clement Delit, M.D. Erna S. deNauenberg, M.D. Leo G. Dinkin, M.D. Kurt Elias, M.D. † Solomon Estren, M.D. Sol S. Feinstein, M.D. Mack H. Fieber, M.D. Celine R. Fletcher, M.D. Charles Forman, M.D. Abraham I. Freedman, M.D. Charles L. Gelb, M.D. Constantine D. Generales, M.D. Stanley E. Gitlow, M.D. Louis Goodkin, M.D. Harry Holzer, M.D. Louis J. Kane, M.D. Samuel Katz, M.D. Donald S. Kent, M.D. Stanley S. Kogut, M.D. Maxwell H. Kolodny, M.D. Bernard A. Krull, M.D. Joseph R. Kuh, M.D. † Richard P. Lasser, M.D. Stanley L. Lee, M.D.

George C. Leiner, M.D. Lawrence H. Lief, M.D. Alfred Lilienfeld, M.D. Arthur W. Ludwig, M.D. Ludwig H. Mendelsohn, M.D. Joseph Neuburger, M.D. Sanford Pariser, M.D. Oscar Pascal, M.D. S. D. Pieczenik, M.D. Charles M. Plotz, M.D. Leon Pordy, M.D. Murray Raphael, M.D. Ira A. Rashkoff, M.D. Richard E. Rosenfield, M.D. Norman Rosenthal, M.D. David Roth, M.D. Joseph Rutenberg, M.D. Maurice W. Schachtel, M.D. Thomas Seidman, M.D. Alfred Shaw, M.D. Murray Y. Silver, M.D. Samuel Sober, M.D. Karl M. Sommer, M.D. Paul Stein, M.D. Roger W. Steinhardt, M.D. Robert C. Taymor, M.D. † Albert G. Thomas, M.D. Harold Trachtenberg, M.D. Louis B. Turner, M.D. Henry J. Weintraub, M.D. Roslyn Wiener, M.D. Salo T. Wild, M.D.

⁺ In the Armed Forces

MEDICAL SERVICE

(Continued)

Richard P. Williams, M.D.

Paul Winer, M.D.

William R. Woolner, M.D.

Stephen B. Yohalem, M.D.

Frederick Ziman, M.D.

Robert L. Zimmerman, M.D.

Howard D. Zucker, M.D.

Research Associate

Alfred P. Fishman, M.D.

Research Assistants

Edward J. Bien, M.D. James B. Minor, M.D. John J. Bookman, M.D. Kermit Osserman, M.D. David H. Paley, M.D. Richardo Casinelli, M.D. Selvan Davison, M.D. Albert D. Parets, M.D. Louis E. Schaefer, M.D. E. N. Ehrenfeld, M.D. Robert C. Taymor, M.D. Mark Halpern, M.D. Leslie A. Kuhn, M.D. Louis B. Turner, M.D. Abraham G. White, M.D. Martin Kurtz, M.D. Marvin F. Levitt, M.D. William R. Woolner, M.D. Adolph A. Lilien, M.D. Stephen B. Yohalem, M.D.

T'sai Fan Yu, M.D.

Podiatrists

Paul W. Haas, D.P. Max Scharmett, D.P. Herbert A. Heimlich, D.P. Max Tepper, D.P.

PEDIATRIC SERVICE

Pediatrician to the Hospital and Director of the Department of Pediatrics Horace L. Hodes, M.D.

Associate Attending Pediatricians

Sidney Blumenthal, M.D. Samuel Karelitz, M.D. Alfred E. Fischer, M.D. Jerome L. Kohn, M.D.

Assistant Attending Pediatricians

Herman Anfanger, M.D.
Alfred L. Florman, M.D.

(0) George J. Ginandes, M.D. Harold M. Goldstein, M.D. Milton J. H. Grand, M.D. Ralph E. Moloshok, M.D. Howard G. Rapaport, M.D. (for Allergy)

(o) Rose G. Spiegel, M.D. (for Allergy)

(o) Anne Topper, M.D.

(for Metabolic Diseases)

PEDIATRIC SERVICE

(Continued)

Assistant Pediatricians

(Out-Patient Department)

(o) William Rosenson, M.D.

(o) Harry O. Zamkin, M.D.

Senior Clinical Assistants

(Out-Patient Department)

Max Baer, M.D. Perry Blumberg, M.D. Arthur A. Briskier, M.D.

- (0) Isaac Chasatzky, M.D. Hyman Cohen, M.D. Samuel deLange, M.D. Aron J. Deutscher, M.D. Gertrude Felshin, M.D. Irving Feuer, M.D.
- (o) Maurice Grozin, M.D. Merrill P. Haas, M.D. Franz H. Hanau, M.D.
- (o) Godel I. Hunter, M.D. Erna Konig, M.D. Sidney D. Leader, M.D.

Walter H. Levy, M.D. Harry V. Lomant, M.D.

- (0) Max Maier, M.D.
 Lawrence Maslansky, M.D.
 Jacob D. Matis, M.D.
 Ida Mayer, M.D.
 William Messer, M.D.
- (o) Max Meyer, M.D.
- (o) Hanna Mulier, M.D. Marie Louise Rie, M.D.
- (0) Gustav Salomon, M.D. Maury D. Sanger, M.D.
- (o) Erich Siegel, M.D.
 Milton Stillerman, M.D.
 Sidney Wachtell, M.D.

Morton W. Willis, M.D.

Clinical Assistants

(Out-Patient Department)

Anne Botstein, M.D.
Richard L. Dreifuss, M.D.
Gladys Fish, M.D.
† Arthur A. Goldfarb, M.D.
Samuel Grosberg, M.D.
Else Kaufmann, M.D.
Harry King, M.D.
Robert D. London, M.D.
Herman Lubenstein, M.D.

Alan Maged, M.D.
Janice T. Nightingale, M.D.
Richard N. Reuben, M.D.
Samuel O. Sapin, M.D.
Nathan Schifrin, M.D.
Irene Shapiro, M.D.
Gertrude Sobel, M.D.
Victor Szanton, M.D.
Henry J. Weintraub, M.D.

Research Assistant

Avron Y. Sweet, M.D.

⁽o) Off Service † In the Armed Forces

NEUROLOGICAL SERVICE

Neurologist to the Hospital

Morris B. Bender, M.D.

Associate Attending Neurologists

(o) Richard M. Brickner, M.D. I. S. Freiman, M.D. Milton R. Sapirstein, M.D. Hans Strauss, M.D. (for Electroencephalography) Edwin A. Weinstein, M.D.

Assistant Attending Neurologists

Philip S. Bergman, M.D.
Louis Greenstein, M.D.
(for Electroencephalography)
Lawrence I. Kaplan, M.D.
† Howard P. Krieger, M.D.
(0) Judd Marmor, M.D.

Morton Nathanson, M.D.

(0) William Needles, M.D.
Raymond L. Osborne, M.D.
Mortimer Ostow, M.D.

(for Electroencephalography)
Mortimer F. Shapiro, M.D.

Senior Clinical Assistant

(Out-Patient Department)
(0) David Gerst, M.D.

Clinical Assistants

(Out-Patient Department)

Kenneth M. Gang, M.D. Martin Green, M.D.

Ralph J. Greenberg, M.D. Simon Maringer, M.D.

Research Associate

William Battersby, Ph.D.

Research Assistants

Maximilian Fink, M.D. † Robert Jaffe, M.D.

Murray E. Jarvik, M.D., Ph.D. Paul Teng, M.D.

PSYCHIATRIC SERVICE

Psychiatrist to the Hospital and Director of the Department of Psychiatry M. Ralph Kaufman, M.D.

Associate Attending Psychiatrists

Paul Goolker, M.D. (o) Sandor Lorand, M.D.

Sydney G. Margolin, M.D. (a) Clarence P. Oberndorf, M.D.

Harry I. Weinstock, M.D.

⁽o) Off Service † In the Armed Forces

PSYCHIATRIC SERVICE

(Continued)

Assistant Attending Psychiatrists

Alfred T. Corvin, M.D. Charles Fisher, M.D. Mark Gerstle, Jr., M.D. Edward D. Joseph, M.D. David Kairys, M.D. Samuel R. Lehrman, M.D.

Louis Linn, M.D.

(r) Daniel M. Lipshutz, M.D.
Bernard C. Meyer, M.D.
George W. Naumburg, Jr., M.D.
Victor H. Rosen, M.D.
Martin Schreiber, M.D.

Senior Clinical Assistants

Paul H. Brauer, M.D. Selwyn Brody, M.D. Elias H. Gerchick, M.D. (0) Ernst Hammerschlag, M.D. Aaron Stein, M.D. Martin Stein, M.D.

Clinical Assistants

Herman S. Alpert, M.D.
Stuart Asch, M.D.
Charles Beck, M.D.
† Morris H. Bernstein, M.D.
Sophie Bookhalter, M.D.
Rachel Bross, M.D.
Lili R. Bussel, M.D.
Michael Chaplik, M.D.
M. Michael Cohen, M.D.
Isadore H. Cohn, M.D.
Herman C. B. Denber, M.D.
Hannah Ekaireb, M.D.
Samuel L. Feder, M.D.
Bernard D. Fine, M.D.
Abraham N. Franzblau, M.D.

(0) Bernard M. Goertzel, M.D. Alvin J. Goldfarb, M.D. Meyer E. Golob, M.D. Leon Gottfried, M.D. Harry Greenbaum, M.D. Irving B. Harrison, M.D. Marcel Heiman, M.D.

Elizabeth Huff, M.D. Paul E. Kaunitz, M.D. Hans J. Kleinschmidt, M.D. Peter H. Laqueur, M.D. Abraham S. Lenzner, M.D. Francisco F. Merino, M.D. Ellis J. Mischel, M.D. Charles Otchin, M.D. Robert T. Porter, M.D. Lawrence J. Roose, M.D. Samuel Roseman, M.D. Emanuel Rubin, M.D. Joseph E. Rubinstein, M.D. Oscar Sachs, M.D. Henry Z. Shelton, M.D. Joseph Schein, M.D. Anselm W. Schurgast, M.D. Adele Sicular, M.D. Irwin Solomon, M.D. Samuel F. Tabbat, M.D. Sumner E. Trent, M.D. Leonard A. Weinroth, M.D.

Emery I. Wells, M.D.

⁽o) Off Service (r) Resigned † In the Armed Forces

CHILD PSYCHIATRY DIVISION

Associate Attending Psychiatrist

Abram Blau, M.D.

Assistant Attending Psychiatrists

Wilfred C. Hulse, M.D. Joseph M. Krimsley, M.D.

Jack Rapoport, M.D. Nathan N. Root, M.D.

(r) Leo A. Spiegel, M.D.

Clinical Assistants

Cheri Appel, M.D.
Alonzo J. Beavers, Jr., M.D.
Alice DeBlois, M.D.
Morton S. Eisenberg, M.D.
† Jerome Ennis, M.D.
Irving Galin, M.D.
† Richard E. Gordon, M.D.

Esther Haar, M.D. Valerie Handzel, M.D. Margit Freund-Klemperer, M.D. Joshua M. Perman, M.D. David L. Rubinfine, M.D. Bertram A. Slaff, M.D. Irving Sternschein, M.D.

Research Assistants

Margaret W. Ferguson, M.D. Abraham Levine, M.A. Arthur Schwartz, M.A.

SECTION OF PSYCHOLOGY

Clinical Psychologist

Fred Brown, Ph.D.

ADULT PSYCHIATRY DIVISION Assistant Clinical Psychologists

Elinor C. Gottlieb, M.A. William B. Haber, M.A. Douglas Kahn, M.A. Robert L. Kahn, M.A. (Neurology) Harriet Katz, M.A. Hyman Korin, M.A. Jack Krasner, Ph.D. Abraham N. Levine, M.A. Sylvia Markham, M.A. Samuel Ressler, M.A. Israel H. Rosenberg, M.A. Arthur Schwartz, M.A. James Spingarn, M.S. Barbara Waxenberg, M.A. Sheldon E. Waxenberg, M.A.

Fred Wissner, M.A.

⁽r) Resigned † In the Armed Forces

CHILD PSYCHIATRY DIVISION

Associate Clinical Psychologist

Rose Davis, M.A.

Assistant Clinical Psychologists

Glen Boles, M.A. Ann Dragoon, M.A. Janet Ginandes, M.A.

Carolyn Reif, M.A. Eleanor Semel, M.A. Miriam Sossnoff, M.A.

Claire Weinrebe, M.A.

DERMATOLOGICAL SERVICE

Dermatologist to the Hospital

Samuel M. Peck, M.D.

Associate Attending Dermatologists

William Leifer, M.D.

Herbert Rosenfeld, M.D.

Assistant Attending Dermatologists

Howard T. Behrman, M.D. Arthur W. Glick, M.D.

Laurence L. Palitz, M.D. Ellen Reiner, M.D.

George Klein, M.D. (o) Max Scheer, M.D.

Assistant Dermatologists

(Out-Patient Department)

(o) Lewis A. Goldberger, M.D.

Joel Schweig, M.D.

(o) Charles Wolf, M.D.

Senior Clinical Assistants

(Out-Patient Department)

(a) Berthold Bachrach, M.D.

(o) Eugene T. Bernstein, M.D. Raphael Breakstone, M.D.

(0) Frank E. Cross, M.D. Julius Davis, M.D.

(o) Kurt Franklin, M.D.

Leo G. Hess, M.D.

Abner Kurtin, M.D. Frederick B. Laufer, M.D.

Sidney B. Rooff, M.D.

(0) Harry Sherwood, M.D. Gustav Weissberg, M.D.

Clinical Assistants

(Out-Patient Department)

Bronia Finkler, M.D. Alfred Joseph, M.D.

Leonard V. Kornblee, M.D. Oscarre Landi, M.D.

Joseph Markel, M.D.

⁽o) Off Service

SURGICAL SERVICE

Surgeon to the Hospital and Director of the Department of Surgery Mark M. Ravitch, M.D.

Surgeons to the Hospital

Ralph Colp, M.D. John H. Garlock, M.D. Arthur S. W. Touroff, M.D.

Associate Attending Surgeons

Ernest E. Arnheim, M.D. (for Pediatric Surgery) Arthur H. Aufses, M.D. * Harry E. Ehrlich, M.D.

(for Head and Neck Surgery)

(o) Leon Ginzburg, M.D.
Samuel H. Klein, M.D.
Percy Klingenstein, M.D.
Sylvan D. Manheim, M.D.
(for Rectal Diseases)

Assistant Attending Surgeons

Arthur J. Barsky, M.D.
(for Plastic Surgery)
Lester Blum, M.D.
(for Peripheral Vascular Diseases)
David A. Dreiling, M.D.

(s) Leonard J. Druckerman, M.D. Eugene W. Friedman, M.D. (for Head and Neck Surgery)

(o) Ameil Glass, M.D. Aaron Himmelstein, M.D. Edward E. Jemerin, M.D. Gerson J. Lesnick, M.D. Louis J. Lester, M.D. Albert S. Lyons, M.D.

(o) Sigmund Mage, M.D.

(o) Myron A. Sallick, M.D.
Gabriel P. Seley, M.D.
Leon D. Star, M.D.
Robert Turell, M.D.
(for Rectal Diseases)
Vernon A. Weinstein, M.D.

Senior Clinical Assistants

(Out-Patient Department)

- (o) George F. Dayton, M.D.
 Milton E. Eisen, M.D.
 Dorian Eisenklam, M.D.
 Wolf Elkan, M.D.
 Lawrence Essenson, M.D.
 Ralph W. Flax, M.D.
 Bernard Friedman, M.D.
 Aron Goldschmidt, M.D.
 Henry Haimovici, M.D.
 Maurice S. Harte, M.D.
- (o) Erwin Horner, M.D.
 Heinz Lippmann, M.D.
 Daniel Luger, M.D.
 Samuel J. Megibow, M.D.
 Maurice Munzer, M.D.
 Robert A. Nabatoff, M.D.
 Hellmuth Oppenheimer, M.D.
- (o) Willy Perez, M.D. Henry Peskin, M.D. Erich B. Plocki, M.D.

⁽s) For Special Service

⁽o) Off Service
* Deceased

SURGICAL SERVICE

(Continued)

Irving Schoenfeld, M.D.

George Schreiber, M.D.

Emil Schwarzmann, M.D.

Bernard E. Simon, M.D.

Otto Sternberg, M.D.

Selig Strax, M.D.

Harry Warner, M.D.

Martin B. Welt, M.D.

Herman Zazeela, M.D.

Clinical Assistants

(Out-Patient Department)

Richard M. Alexander, M.D. William Kropf, M.D. Joseph N. Attie, M.D. Julius J. Leichtling, M.D. Ben F. Bryer, M.D. Irving H. Parnes, M.D. Arthur Feitell, M.D. Eli Perchuk, M.D. Harry Golodner, M.D. Alfred A. Pomeranz, M.D. Oscar Greene, M.D. Bernard P. Robinson, M.D. Irving J. Thorne, M.D. Henry J. Heimlich, M.D. Robert A. Herfort, M.D. Harvey Wiener, M.D. Herbert M. Jacobs, M.D. Andre E. Willner, M.D. Paul A. Kirschner, M.D. Herman D. Zeifer, M.D.

Research Assistants

Ben F. Bryer, M.D.

Samuel J. Megibow, M.D.

Robert A. Nabatoff, M.D.

Stephan S. Rosenak, M.D.

Podiatrists

Benedict S. Gale, D.P. William Scharmett, D.P.

NEUROSURGICAL SERVICE

Neurosurgeon to the Hospital

Leo M. Davidoff, M.D.

Associate Attending Neurosurgeons

Emanuel H. Feiring, M.D. Sidney W. Gross, M.D. Benno Schlesinger, M.D.

Assistant Attending Neurosurgeons

Joseph A. Epstein, M.D. Leonard I. Malis, M.D.

Research Assistant

Alexander Langer, M.D.

UROLOGICAL SERVICE

Urologist to the Hospital

Gordon D. Oppenheimer, M.D.

Associate Attending Urologist

Moses Swick, M.D.

Assistant Attending Urologists

Stanley I. Glickman, M.D.

(o) H. Evans Leiter, M.D.

(o) Lewis T. Mann, M.D.

(o) William H. Mencher, M.D.

Lester Narins, M.D. Joseph M. Silagy, M.D.

Assistant Urologist

(Out-Patient Department)

William L. Ferber, M.D.

Senior Clinical Assistants

(Out-Patient Department)

(o) Erwin Batzdorf, M.D. Kurt Cronheim, M.D. Max David, M.D.

(0) Arthur Israel, M.D. Harry D. Italiener, M.D. Edward Jacobs, M.D.

(o) Max Jacoby, M.D.

(o) Ernst Kornitzer, M.D.

(o) Max Levi, M.D. Adolf Lowenthal, M.D.

(o) Bruno Mark, M.D.

(o) Rudolf Paschkis, M.D. Aaron Prigot, M.D. Paul Reiser, M.D. Stephan S. Rosenak, M.D.

(o) Martin J. Rosenberg, M.D.

Clinical Assistants

(Out-Patient Department)

Hilda M. Fliegel, M.D. John R. Herman, M.D.

Leonard M. Levin-Epstein, M.D. Joseph S. Mansker, M.D.

Murray B. Pincus, M.D.

OBSTETRICAL AND GYNECOLOGICAL SERVICE

Obstetrician and Gynecologist to the Hospital and Director of the Department of Obstetrics and Gynecology

Alan F. Guttmacher, M.D.

Gynecologist to the Hospital

Morris A. Goldberger, M.D.

⁽o) Off Service

OBSTETRICAL AND GYNECOLOGICAL SERVICE

(Continued)

Associate Attending Obstetricians and Gynecologists

Arthur M. Davids, M.D.

Joseph A. Gaines, M.D.

Emanuel Klempner, M.D.

Harold Speert, M.D.

Robert I. Walter, M.D.

Seymour Wimpfheimer, M.D.

Assistant Attending Obstetricians and Gynecologists

Bernard Berglas, M.D.

Hilliard Dubrow, M.D.

William A. Epstein, M.D.

Arnold N. Fenton, M.D.

Robert Landesman, M.D.

Louis S. Lapid, M.D.

Norman Pleshette, M.D.

Charles S. Poole, M.D.

Eugene N. Scadron, M.D.

Myron E. Steinberg, M.D.

Melvin L. Stone, M.D.

Irwin Weiner, M.D.

Nathan Mintz, M.D.

David Zakin, M.D.

Assistant Obstetricians and Gynecologists

(Out-Patient Department)

(o) Maurice E. Mintz, M.D. Frank Spielman, M.D.

Senior Clinical Assistants

(Out-Patient Department)

Ernest G. Abraham, M.D.

Hans Auerbach, M.D.

Ernest Bamberger, M.D.

Sidney Bruce, M.D.

Gertrude Felshin, M.D.

Ernest G. Abraham, M.D.

Emanuel M. Greenberg, M.D.

Stefanie K. Haas, M.D.

Seymour M. Katz, M.D.

Bruno Kriss, M.D.

Meyer D. Schnall, M.D.

Clinical Assistants

(Out-Patient Department)

Irving Abelow, M.D.
Alexei N. Berk, M.D.
Salo M. Boltuch, M.D.
Sidney Cohn, M.D.
Robert L. Feldman, M.D.
Eugene Fischel, M.D.
Irving Greene, M.D.
Sorman Herzig, M.D.
Sherwin A. Kaufman, M.D.
Gisella Perl, M.D.
Leonard M. Roberts, M.D.
Herbert J. Simon, M.D.

Daniel Wanderman, M.D.

OTOLARYNGOLOGICAL SERVICE

Otolaryngologist to the Hospital Rudolph Kramer, M.D.

OTOLARYNGOLOGICAL SERVICE

(Continued)

Associate Attending Otolaryngologists

Joseph G. Druss, M.D. Irving B. Goldman, M.D. (for Rhinoplasty)

Joseph L. Goldman, M.D. Samuel Rosen, M.D. Harry Rosenwasser, M.D.

Max L. Som, M.D.

Assistant Attending Otolaryngologists

Nathan Adelman, M.D. Leon M. Arnold, M.D. Samuel Bloom, M.D.

Joseph Freeman, M.D.
(o) Louis Kleinfeld, M.D.
Eugene R. Snyder, M.D.

Senior Clinical Assistants

(Out-Patient Department)

(0) Adolph A. Apton, M.D.Jacob S. Aronoff, M.D.Joseph Berberich, M.D.(0) Hans Brinitzer, M.D.

Friedrich S. Brodnitz, M.D. Simon Malowist, M.D. Fred L. Marx, M.D. (0) S. Mencher, M.D.

Richard Pollak, M.D.

Clinical Assistants

(Out-Patient Department)

Sidney S. Feuerstein, M.D.

Bruno Griesman, M.D.

Charles H. Rosenberg, M.D.

OPHTHALMOLOGICAL SERVICE

Ophthalmic Surgeon to the Hospital

Henry Minsky, M.D.

Associate Attending Ophthalmic Surgeons

Joseph Laval, M.D.

David Wexler, M.D.

Assistant Attending Ophthalmic Surgeons

Sylvan Bloomfield, M.D. (s) Max Chamlin, M.D.

Jacob Goldsmith, M.D.

Abraham L. Kornzweig, M.D. Frederick H. Theodore, M.D.

⁽s) For Special Service

⁽o) Off Service

OPHTHALMOLOGICAL SERVICE

(Continued)

Senior Clinical Assistants

(Out-Patient Department)

Alan H. Barnert, M.D.

(0) Francis J. Langendorf, M.D. Norbert Lewin, M.D.

Morris Feldstein, M.D. (a) Isaak Horovitz, M.D.

(o) Max Mannheimer, M.D.

Fred L. Marx, M.D.

Clinical Assistants

(Out-Patient Department)

Gerald M. Branower, M.D. Robert S. Coles, M.D.

David Silver, M.D. William G. Toll, M.D.

Refractionists

(Out-Patient Department)

* Bertha Gladstern, M.D.

Max Mannheimer, M.D.

ORTHOPEDIC SURGERY SERVICE

Orthopedic Surgeon to the Hospital

Robert K. Lippmann, M.D.

Associate Attending Orthopedic Surgeons

Edgar M. Bick, M.D.

Albert J. Schein, M.D.

Assistant Attending Orthopedic Surgeons

(o) Alvin M. Arkin, M.D.

Frederick M. Marek, M.D.

(o) Benjamin M. Greenberg, M.D. Joel Hartley, M.D.

Robert S. Siffert, M.D. Edmund Uhry, Jr., M.D.

Senior Clinical Assistants

(Out-Patient Department)

Helen Schur, M.D.

Herman Sternberg, M.D.

Clinical Assistants

(Out-Patient Department)

Jacob F. Katz, M.D.

Ernest Stich, M.D.

Podiatrists

(Out-Patient Department)

Paul W. Haas, D.P.

Max G. Scharmett, D.P.

⁽o) Off Service * Deceased

DEPARTMENT OF ANESTHESIA

Anesthetist to the Hospital

Milton H. Adelman, M.D.

Associate Attending Anesthetists

Morris Bien, M.D.

Philip A. Lief, M.D.

Sydney S. Lyons, M.D.

Assistant Attending Anesthetists

Sara Bass, M.D.

Seymour A. Miller, M.D.

Arthur I. Rosenthal, M.D.

DEPARTMENT OF DENTAL AND ORAL SURGERY

Dentist to the Hospital

Leo Stern, D.D.S.

Associate Attending Densists Ralph H. Brodsky, D.M.D.

Lester H. Cahn, D.D.S. (for Oral Pathology) (o) Dennis D. Glucksman, D.D.S. J. A. Salzmann, D.D.S.

Assistant Attending Dentists

Leon Eisenbud, D.D.S.

Marvin G. Freid, D.D.S.

Jack S. Klatell, D.D.S.

(o) Daniel M. Kollen, D.D.S.

† Raymond L. Kotch, D.D.S.

(o) Arthur A. Kulick, D.D.S. Max Michaelson, D.D.S. Milton Schwartz, D.D.S.

Leo Stern, Jr., D.D.S.

Senior Clinical Assistants

(Out-Patient Department)

† Dennis Berger, D.D.S. Henry I. Cohen, D.D.S. Morris Dicker, D.D.S.

Herbert L. Goodwin, D.M.D. Samuel S. Gordon, D.D.S.

Max Greenspan, D.D.S. Jerome L. Klaif, D.D.S.

Emanuel Knishkowy, D.D.S.

Jacob Leiter, D.D.S.

Bernard L. Levy, D.D.S. Simon Lifton, D.D.S. Melvin L. Morris, D.D.S. Maurice J. Oringer, D.D.S. Sidney Retzker, D.D.S. Murray Spielman, D.D.S. Maurice V. Stavin, D.D.S. George Trattner, D.D.S. Milton Wechsler, D.D.S.

⁽o) Off Service + In the Armed Forces

DEPARTMENT OF DENTAL AND ORAL SURGERY

(Continued)

Clinical Assistants

(Out-Patient Department)

I. Kenneth Addison, D.D.S. Ernest Baden, D.D.S. † A. Lawrence Bram, D.D.S. John Breiner, D.D.S. Jack E. Brenner, D.D.S. Morton R. Brenner, D.D.S. Harold Brooks, D.D.S. Stanley A. Busch, D.D.S. Michael Cagin, D.D.S. Oscar Check, D.D.S. A. Norman Cranin, D.D.S. Jack Crespi, D.D.S. † Menasseh Elson, D.D.S. Bernard H. Etkin, D.D.S. Robert B. Finder, D.D.S. Robert L. Fisher, D.D.S. David Greene, D.D.S. Arthur Hader, D.D.S. Sidney D. Hammer, D.D.S.

† Burton M. Jerome, D.D.S. David H. Katz, D.D.S. Walter J. Kent, D.D.S. Stanley Kollen, D.D.S. Jerome Meadow, D.D.S. Jerome S. Mittelman, D.D.S.

Ernest Herman, D.D.S.

Walter S. Moch, D.D.S. David Mossberg, D.D.S. Norman R. Parker, D.D.S. Richard Pasternak, D.D.S. Solomon Pearlman, D.D.S. Ivan B. Prince, D.D.S.

† Chester B. Rackson, D.D.S. David Ring, D.D.S. Irwin S. Robinson, D.D.S. Leo H. Roper, D.D.S. Arnold Rosenberg, D.D.S. Sheldon S. Rothman, D.D.S. Allan Russell, D.D.S. Robert W. Sabin, D.D.S. Richard B. Schron, D.D.S.

† Herbert M. Schwartz, D.D.S. Hirsch Siebzehner, D.D.S. Martin T. Siegel, D.D.S. † Harvey L. Small, D.D.S.

† Harvey L. Small, D.D.S. † Joseph R. Stein, D.D.S. Peter E. Stern, D.D.S. Stanley L. Stutman, D.D.S. J. Robert Theaman, D.D.S. Lillian Wager, D.D.S. Martin S. Weg, D.D.S. Stanley L. Wein, D.D.S.

Sylvia E. Zappler, D.D.S.

DEPARTMENT OF PHYSICAL MEDICINE

Physiatrist to the Hospital William Bierman, M.D.

Assistant Physiatrist (Out-Patient Department) Eric Levy, M.D.

Clinical Assistant (Out-Patient Department) Morton J. Greene, M.D.

⁺ In the Armed Forces

CARDIOGRAPHIC LABORATORY

Cardiologist

Arthur M. Master, M.D.

Research Associate

Bruno Kisch, M.D.

Research Assistants

† Irving P. Ackerman, M.D. Kenneth Chesky, M.D. Efraim Donoso, M.D. Leonard E. Field, M.D Charles I. Garfield, M.D. Leon Pordy, M.D. Benjamin Richman, M.D. Sidney Storch, M.D.

Robert A. Shimm, M.D.

THE LABORATORIES

Sergei Feitelberg, M.D
Paul Klemperer, M.D
Gregory Shwartzman, M.D
Harry H. Sobotka, Ph.D
Louis R. Wasserman, M.D
Peter Vogel, M.D
Sadao Otani, M.D
S. Stanley Schneierson, M.D
Irwin H. Feigin, M.D
Lotte Strauss, M.D
Alice I. Bernheim, M.DSenior Assistant Pathologist
Cecele Herschberger, B.SSenior Assistant Microbiologist
Julius J. Carr, Ph.D
Gerda Gernsheim Mayer, Ph.DSenior Assistant Chemist
Robert Loevinger, Ph.D
James J. Hay

Special Laboratory Appointments

Ernst P. Pick, M.D	
	Associate in Gastric Physiology
	Research Associate in Chemistry
	Research Associate in Chemistry
	Research Associate in Gastroenterology

Fellows

(1952-1953)

Mortimer E. Bader, M.D... Stanley D. Kops Memorial Fellowship in Medicine Richard A. Bader, M.D...... Charles Klingenstein Fellowship in Medicine Albin A. Bakst, M.D..... Stanley D. Kops Memorial Fellowship in Surgery Morton S. Bryer, M.D...... Philip J. Goodhart Fellowship in Microbiology

[†] In the Armed Forces

THE LABORATORIES

(Continued)

Howard K. Ente, M.DEugene Meyer, Jr. Fellowship in Pathology
Aaron D. Freedman, M.DDr. Emanuel Libman Fellowship in Medicine
Mark Halpern, M.D
Arthur I. Hutner, M.DEugene Meyer, Jr. Fellowship in Pathology
Rene Jahiel, M.DGeorge Blumenthal, Jr. Fellowship in Pathology
Leslie A. Kuhn, M.DElsa and William Menke Fellowship in Medicine
Martin Kurtz, M.D Stanley D. Kops Memorial Fellowship in Medicine
Lewis E. Lipkin, M.D
Harvey Mendelow, M.DCharles Klingenstein Fellowship in Pathology
Fela Polishuk, M.ScFellowship in Arthritis
Norman P. Rubenstein, M.DSara Welt Fellowship in Pathology
Jerome H. Rusoff, M.D
Galli Safrin, M.DGeorge Blumenthal, Jr. Fellowship in Pathology
Philip Samet, M.D
Samuel O. Sapin, M.D
Jay Shorr, M.D
Ch'un I. Wang, M.DElsa and William Menke Fellowship in Medicine
Irwin Weiner, M.DDr. Joseph Brettauer Fellowship in Gynecology
Roslyn Wiener, M.D

Research Assistants

Microbiology
Stanley M. Aronson, M.D.
Morton S. Bryer, M.D.
Morton H. Edelman, M.D.
Alice Fisher, A.B.
Maxwell L. Littman, M.D.
Constantin V. Teoduro, M.D.

Irving Zimmerman, D.V.M.

Chemistry

Harold Aaron, M.D.
Herman Baker, B.S.
Jacques R. Fresco, Ph.D.
Sam Levin, Ph.D.
Fritz Lieben, Ph.D.
Anita V. Luisada Opper, Ph.D.
George Rubin, M.S.
Dorothy Von Redlich, Ph.D.
Ch'un I. Wang, M.D.

Pathology
Joseph Bellamy, M.D.

Jacob Churg, M.D.
Jacob Dyckman, M.D.
William E. Finkelstein, M.D.
Gabriel C. Godman, M.D.
Edith Grishman, M.D.
Arthur W. Ludwig, M.D.
Irving Ratner, M.D.
Blanca Schneid, M.D.
Daniel L. Weiss, M.D.
Frederick G. Zak, M.D.

Gastroenterology

Joseph Bandes, M.D.
David Birnbaum, M.D.
Henry Colchcer, M.D.
Julius Kleeberg, M.D.
Sara Weiden, B.S., M.S.
Victor Willner, M.D.

Hematology † Solomon Estren, M.D.

⁺ In the Armed Forces

THE LABORATORIES

(Continued)

Stanley E. Gitlow, M.D. Stanley L. Lee, M.D. Ira A. Rashkoff, M.D. Martin C. Rosenthal, M.D. Mary C. Tyson, M.D.

Physics

Dorothy W. Leavitt, B.S.
Josephine Mayer, Ph.D.
William M. Nelson, Ph.D.
Lena Sharney, Ph.D.

DEPARTMENT OF ROENTGENOLOGY

Radiologist to the Hospital and Director of the Department of Radiology Bernard S. Wolf, M.D.

Associate Attending Radiologists

Joan J. Lipsay, M.D. Richard H. Marshak, M.D. William Merrit, M.D. Coleman B. Rabin, M.D.

Assistant Attending Radiologists

Sigmund Brahms, MD. John E. Moseley, M.D.

Charles M. Newman, M.D. Milton Robbins, M.D.

Herman C. Zuckerman, M.D.

DEPARTMENT OF RADIOTHERAPY

Radiotherapist to the Hospital

William Harris, M.D.

Associate Attending Radiotherapists

Albert Kean, M.D.

Sidney M. Silverstone, M.D.

Assistant Attending Radiotherapists

Arnold L. Bachman, M.D.

Charles Botstein, M.D.

Norman Simon, M.D.

Consulting Physicist

Carl B. Braestrup, B.Sc.

DIRECTOR OF CONSULTATION SERVICE

Herman Lande, M.D.

DISTRICT PHYSICIAN

Abraham Jerskey, M.D.

PHYSICIAN TO EMPLOYEES HEALTH SERVICE

Seymour E. Rosenthal, M.D.

THE DEPARTMENT OF GRADUATE MEDICAL INSTRUCTION

(Academic Year 1952–53, Conducted in Affiliation with the Columbia University Faculty of Medicine)

. OFFICERS OF INSTRUCTION

(Unless otherwise designated, all titles are conferred by The Mount Sinai Hospital)
HAROLD A. ABRAMSON, M.D
Assistant Professor of Physiology in Columbia University DAVID ADLERSBERG, M.D
David Adlersberg, M.DAssistant Attending Physician for Metabolic Diseases
HOWARD J. AGATSTON, M.D
ARTHUR H. AUFSES, M.D
SAMUEL H. AVERBUCK, M.D
ALAN H. BARNERT, M.D
Out-Patient Department
FRANK A. BASSEN, M.D
HOWARD T. BEHRMAN, M.D
Morris B. Bender, M.D
PHILIP S. BERGMAN, M.D
SYLVAN BLOOMFIELD, M.D
Perry Blumberg, M.D
Out-Patient Department (Cardiac) SIDNEY BLUMENTHAL, M.D
ERNST P. Boas, M.D
JOHN J. BOOKMAN, M.D
(Metabolism): Research Assistant in Medicine
(Metabolism); Research Assistant in Medicine SIGMUND A. BRAHMS, M.D
MAX CHAMLIN, M.D
RAIPH COIP. M.D
Clinical Protector of Surgery in Columbia University
Albert Cornell, M.D
Out-Patient Department (Gastric)
Out-Patient Department (Gastric) Burrill B. Crohn, M.D
SIMON DACK, M.D. Assistant Attending Physician for Cardiology;
Lecturer in Medicine in Columbia University
Lecturer in Medicine in Columbia University Leo M. Davidoff, M.D
HENRY DOLGER, M.D
DAVID A. DREILING, M.D
LEONARD J. DRUCKERMAN, M.D
BENJAMIN ELIASOPH, M.D
May Filenberg, M.D
PAUL FAGIN M.D Senior Clinical Assistant, Medical Division,
Out-Patient Department (Cardiac) Sergei Feitelberg, M.D
SERGEL FEITELBERG, M.D
I FONARD F FIFED MD. Senior Clinical Assistant, Medical Division, Out-Patient
Department (Cardiac); Research Assistant in Cardiology
CHARLES FISHER, M.D
Lecturer in Psychiatry in Columbia University
ALFRED P. FISHMAN, M.D
ISRAEL S. FREIMAN, M.D
CHARLES K. FRIEDBERG, M.D
Lecturer in Medicine in Columbia University

OSCAR H. FRIEDMAN, M.D
I I result of the same M.D
J. Lester Gabrilove, M.D
Columbia University
ISIDORE E. GERBER, M.D
Columbia University
ARTHUR W. GLICK, M.D
*Joseph H. Globus, M.D
JOSEPH II. GLOBUS, M.D
Morris A. Goldberger, M.D Gynecologist to Hospital; Clinical Professor of Gynecology
in Columbia University
ALVIN I. GOLDFARB, M.D Clinical Assistant, Psychiatric Division, Out-Patient Department
IRVING B. GOLDMAN, M.D
JACOB GOLDSMITH, M.D
HAROLD M. GOLDSTEIN, M.D
Division with M.D.
PAUL GOOLKER, M.D
ALVIN J. GORDON; M.D
EMIL GRANET, M.D
Out-Patient Department (Gastric)
ARTHUR GRISHMAN, M.D
ALEXANDER B. GUTMAN, M.D
Medicine; Professor of Medicine in Columbia University
Meanthe, Professor of Meanthe in Common University
WILLIAM M. HITZIG, M.D Associate Attending Physician; Assistant Clinical Professor
of Medicine in Columbia University
Horace L. Hodes, M.D Pediatrician to Hospital; Director of the Department of Pediatrics;
Clinical Professor of Pediatrics in Columbia University
Franklin Hollander, Ph.D Associate in Gastric Physiology; Lecturer in Medicine in
Columbia University
HENRY HORN, M.D
Dorothea Horstmann
HARRY L. JAFFE, M.D
HENRY D. JANOWITZ, M.D
EDWARD E. JEMERIN, M.D
LAWRENCE I. KAPLAN, M.D
M. RALPH KAUFMAN, M.D Psychiatrist to Hospital; Director of the Department of Psychiatry;
Clinical Professor of Psychiatry in Columbia University
Frederick H. King, M.D
Lecturer in Medicine in Columbia University
Bruno Kisch, M.D
GEORGE KLEIN, M.D
SAMUEL H. KLEIN, M.D
PAUL KLEMPERER, M.D
in Columbia University
EMANUEL KLEMPNER, M.D. Assistant Attending Gynecologist
Percy Klingenstein, M.D
ABRAHAM L. KORNZWEIG, M.D
Howard P. Krieger, M.D
HOWARD P. KRIEGER, M.D
Joseph Laval, M.D
STANLEY L. LEE, M.D Research Assistant in Pathology; Clinical Assistant in Medical
Division, Out-Patient Department (Hematology)
WILLIAM LEIFER, M.D
MARVIN F. LEAVITT, M.D
HYMAN LEVY, M.D
C. C. LANDERS M.D. Added Alan D. C. C. C. LANDERS M. C.
S. S. LICHTMAN, M.D
JOAN J. LIPSAY, M.D
ROBERT LOEVINGER, PH.D
ROBERT LOEVINGER, Ph.D

^{*} Deceased November 19, 1952

Sylvan D. Manheim, M.D
GORDON D. OPPENHEIMER, M.D. RAYMOND L. OSBORNE, M.D. Assistant Attending Neurologist SADAO OTANI, M.D. Associate Pathologist; Associate Professor of Pathology in Columbia University
LAWRENCE L. PALITZ, M.D
Of Dermatology in Columbia University ABRAHAM PENNER, M.D. Assistant Attending Physician—Off Service ELY PERLMAN, M.D. MURRAY PESHKIN, M.D. Consulting Pediatrician for Allergy ERNST P. PICK, M.D. Associate Attending in Pharmacology HERBERT POLLACK, M.D. Associate Attending Physician for Metabolic Diseases;
Lecturer in Medicine in Columbia University LEON PORDY, M.D
Research Assistant in Cardiology Coleman B. Rabin, M.D Associate Attending Physician for Thoracic Diseases; Associate Attending Radiologist; Assistant Clinical Professor of Medicine in Columbia University Howard G. Rapaport, M.D Assistant Attending Pediatrician for Allergy Ira Rashkoff, M.D Clinical Assistant, Medical Division, Out-Patient Department
(Radio-physics) ALEXANDER RICHMAN, M.DAssistant Attending Physician for Gastroenterology and
Gastroscopy Herbert Rosenfeld, M.D
HARRY ROSENWASSER, M.D. Associate Attending Otolaryngologist MITON R. SAPIRSTEIN, M.D. Associate Attending Neurologist MARTIN SCHREIBER, M.D. Assistant Attending Psychiatrist BERNARD M. SCHWARTZ, M.D. Assistant Attending Physician GABRIEL P. SELEY, M.D. Assistant Attending Surgeon; Lecturer in Surgery in Columbia University
IRVING J. SELIKOFF, M.D
SIDNEY M. SILVERSTONE, M.D. Associate Attending Radiotherapist JONAS H. SIROTA, M.D. Assistant Attending Physician ISIDORE SNAPPER, M.D. Consulting Physician Louis J. Soffer, M.D. Associate Attending Physician; Assistant Clinical Professor
ARTHUR R. SOHVAL, M.D
Department (Cardiac) CLIFFORD SPINGARN, M.D

HANS STRAUSS, M.DAssociate Attending Neurologist for Electroencephalography;
Lecturer in Neurology in Columbia University
Frederick H. Theodore, M.D
ARTHUR S. W. Touroff, M.DSurgeon to Hospital; Clinical Professor of Surgery in
Columbia University
LESTER R. TUCHMAN, M.D
MARY C. Tyson, M.D Senior Clinical Assistant, Medical Division, Out-Patient Department;
Research Assistant in Hematology
Peter Vogel, M.D
Director of the Blood Bank
KAUFMAN WALLACH, M.D
Louis R. Wasserman, M.D Hematologist to Hospital; Associate Physician for Hematology
ISRAEL S. Wechsler, M.D
IRWIN WEINER, M.D
Dr. Joseph Brettauer Fellow in Gynecology
EDWIN A. WEINSTEIN, M.D
HARRY I. WEINSTOCK, M.D
Psychiatry in Columbia University
Asher Winkelstein, M.D Associate Attending Physician for Gastroenterology; Assistant
Clinical Professor of Medicine in Columbia University
BERNARD S. WOLF, M.D
of Radiology in Columbia University
HARRY YARNIS, M.D Assistant Attending Physician for Gastroenterology and for Gastroscopy
Frederic D. Zeman, M.D
Medicine in Columbia University

ADMINISTRATORS AND HEADS OF DEPARTMENTS

THE ADMINISTRATION

Martin R. Steinberg, M.D.	.Director
SIDNEY M. SAMIS, M.D	Director
HARRY MARKOWITZ, B.S	
Jack Ruthberg, M.D	Director
Andrew Mezei, B.S	Assistant
Max Fuchs, D.M.D	Assistant
MILTON H. SISSELMAN, B.SGoldwater Fellow in Admin	nistration

CONSULTANT TO THE BOARD OF TRUSTEES

Joseph Turner, M.D.

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Mrs. Jack R. Aron, Chairman Mrs. Paul Baerwald Clothing
Mrs. Frank J. Weil, Chairman Mrs. Jack R. Aron Mrs. William M. Cahn, Jr. Mrs. John A. Herrmann Education
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Mrs. Arthur Ellins

Mrs. Melvin Mark Mrs. Harry Markowitz Mrs. Robert Marks Mrs. Floret Martin Miss Camilla Master Mrs. L. Sylvester May Miss Gladys Mechanic Mrs. Arnold Mechur Mrs. Piza Mendes, Jr. Mrs. Herbert Meyer Mrs. Lloyd Miller Mrs. Gustave Minton Mrs. Eugene Molinet Miss Beverly Molot Mrs. Henry Morris Miss Betsey Musher Miss Joan Nathans

Miss Joan Padulals
E. Eddie Nedell
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Mrs. Herman Rothman Mrs. Howard Rothman Miss Harriet Rubenstein

Miss Edna Rubin
Mrs. Samuel Rubin
Mrs. Oscar Sachs
Mrs. Jack Safer

Mrs. Albert Samuel Mrs. Archie Samuels Mrs. Milton Samuels Mrs. Byrde Schary

Mrs. Ben Scheinberg Mrs. Claire Schlesinger Mrs. William Scholle

Mrs. Ira Schur Mrs. Arthur Schwartz James Schwartz

Mrs. Julius Schwartz Mrs. Malvia Schweiger Miss Marian Schweizer Mrs. Charles Segal

Mrs. J. Seiden Mrs. Samuel Seligsohn Miss Yvonne Sergent Miss Thelma Shafran

Mrs. Louis Shapiro Mrs. Reva Shaw

Mrs. Lawrence J. Sheldon Mrs. Arthur Shimkin Miss Ann Silberberg

Mrs. Morris Singer Mrs. Judith Sloman

Mrs. Margaret Sloss Miss Sydel Solomon

Mrs. Martha Stark Mrs. Philip Steckler

Miss Edith Stern Miss Edith B. Stern Mrs. Otto Stern

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Mrs. Benjamin Streifler Mrs. Frank Sugarman Miss Madelon Sullivan

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Mrs. Martin Wolf Miss Jeannette Wolozynski Mrs. Paul Zahn

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Mrs. Arthur Streim Mrs. Jacob Wiedhopf

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Mrs. Rose Oustin Mrs. Rose Pearlstein Mrs. Abraham Pursch Mrs. Bettie Ravitch Mrs. Pauline Ravitch Miss Flora Samuels Miss Stella Samuels Mrs. Harry Silverman Miss Hattie Stern Mrs. Arthur Sundheimer Mrs. Luba Theodore

Mrs. Anne Weinreb Mrs. David Weisburger

OFFICERS AND TRUSTEES OF THE HOSPITAL SINCE ITS FOUNDING

	PRESI	DENTS	
*Sampson Simson	1852-1855	*Isaac Wallach	. 1896–1907
*John I. Hart	1855-1856	*Isaac Stern	. 1907-1910
*Benjamin Nathan	1856–1870	*George Blumenthal	. 1911-1938
*EMANUEL B. HART	1870-1876	*Leo Arnstein	. 1938-1944
*Adolph Hallgarten		*Waldemar Kops	. 1944-1945
*HARRIS ARONSON	1879-1879	GEORGE B. BERNHEIM	
*HYMAN BLUM		ALFRED L. ROSE	
	-,,		
	PRESIDENT	EMERITUS	
*George Blumenthal	1938–1941	George B. Bernheim	. 1948–
	VICE PRE	ESIDENTS	
*John I. Hart		*Henry L. Calman	
*Benjamin Nathan		*S. HERBERT WOLFE	
*Rev. Samuel M. Isaacs	1856-1857	*Maurice Frankfort	
*John D. Phillips	1850-1857	Albert Forsch	. 1921-1928 . 1924-1937
*N. K. Rosenfeld	1858-1866	*De Witt Millhauser	
*EMANUEL B. HART	1866-1870	*WALDEMAR KOPS	. 1928–1936
*Samuel A. Lewis	1874-1875	Leo Gottlieb	/// / / /
	,,,	George B. Bernheim	1948-1950
*HARRIS ARONSON	1879-1879	George B. Bernheim Ioseph Klingenstein	
*Isaac Wallach	1879-1896	George Lee	
*Isaac Stern	1896-1906	GEORGE LEE	1945-1946
*David Wile		Alfred L. Rose	
*George Blumenthal		RICHARD GOLDSMITH	
*Emil S. Levi	1907-1910	*Charles A. Riegelman	
*Philip J. Goodhart	1910-1917	JAMES FELT	
*Leo Arnstein		Mrs. Roger W. Strauss	
	1910 1930	MARKET TO A STATE OF THE STATE	9).
	SECRE	TARIES	
*Benjamin Nathan		*Albert Sichel	
*THEODORE I. SEIXAS	1853-1856	*Louis M. Josephthal	. 1897-1902
*Samuel A. Lewis	1857-1870	*Leo Arnstein	. 1902-1910
*John M. Lawrence	1871-1872	Edgar A. Hellman	. 1910-1911
*A. S. ROSENBAUM	1872-1875	*S. Herbert Wolfe	. 1919-1921
*Nathan Littauer	1875-1877	WALTER E. SACHS	. 1918-1921
*HARMON H. NATHAN	1877-1879	Albert Forsch	. 1921-1923
*Moses G. Hanauer	1879-1882	*DE WITT MILLHAUSER	. 1924-1928
*L. M. Hornthal	1882-1885	ARTHUR H. HARLOW	
*DE WITT J. SELIGMAN		Paul M. Rosenthal	
*Henry Goldman		CARL H. PFORZHEIMER, JR.	
*Leopold Weil	1892-1893		1948–
*George Blumenthal		George Lee	. 1943-1945
*Marcus M. Marks	1894–1896	RICHARD GOLDSMITH	. 1945–1948

TREASURERS, ASSOCIATE AND ASSISTANT

*HENRY HENDRICKS	1852-1861	*Sidney S. Prince	1915-1925
*Joseph Fatman		Nelson I. Asiel	1926-1942
*Lewis May		Joseph F. Cullman, Jr	1943-
*Samuel M. Schaefer		Ira A. Schur	1945-
*Elias Asiel	 1892-1915		

TRUSTEES							
*Sampson Simson 1852–1855	*Isaac S. Solomon 1871-1878						
President, 1852-1855	*Jos. Reckendorfer 1871–1872						
*John I. Hart 1852-1856	*Adolph Hallgarten 1872-1883						
Vice-President, 1852-1855; President, 1855-1856.	President, 1876-1879.						
*Henry Hendricks 1852-1861 Treasurer, 1852-1861.	*J. B. Guttenberg 1871-1872						
*Benjamin Nathan 1852-1870	*V. Henry Rothschild 1871-1887						
Secretary, 1852-1853; Vice-President, 1855-1856;	*ABRAHAM SIMM 1871-1874						
President, 1856-1870.	*Isaac Phillips 1872–1874						
*Rev. Samuel M. Isaacs 1852-1857	*Ferdinand Kurzman 1872-1878						
Vice-President, 1856-1857. *JOHN M. DAVIES 1852-1857	*A. B. Ansbacher 1872–1876						
	Re-elected, 1877-1887. *DAVID SALOMON 1872–1876						
*Theo. I. Seixas 1852-1856 Secretary, 1853-1856.							
*Isaac Phillips 1852-1856	*M. S. FECHHEIMER 1873–1875 Re-elected, 1883-1888.						
*J. D. PHILLIPS 1852–1858	*Julius J. Lyons						
Vice-President, 1857-1858.	*Samuel Zeimer 1874-1877						
*Joseph Fatman 1855-1869	*Nathan Littauer 1875-1879						
Treasurer, 1861-1869.	Secretary, 1875-1877.						
*Lewis May 1855–1876 Treasurer, 1869-1875.	*J. M. STINE 1875–1878						
*Joseph Seligman 1855–1862	*Edw. Oppenheimer 1875–1876						
*Samuel A. Lewis 1856-1874	Re-elected, 1892-1894; Re-elected, 1897-1910; Honorary Trustee, 1910-1919.						
Secretary, 1857-1870; Vice-President, 1870-1874.	*Samuel M. Schafer 1875-1891						
*N K. Rosenfeld 1857-1867	Treasurer, 1875-1891.						
Vice-President, 1858-1866.	*EDW. EINSTEIN 1875-1880						
*EMANUEL B. HART 1857-1876 Vice-President, 1866-1870; President, 1870-1876.	*Levi Samuels 1875-1878						
*L. M. Morrison 1857–1862	*Harmon H. Nathan 1875-1896						
*L. Hollander	Secretary, 1877-1879.						
*WILLIAM HELLER 1857-1861	*HYMAN BLUM 1875-1896 Vice-President, 1879; President, 1879-1896.						
*H. J. HART 1858–1863	*Louis Stix 1875–1901						
*HARRIS ARONSON 1858-1879	Honorary Trustee, 1901-1902.						
Vice-President, 1875-1879; President, 1879.	*Isaac Blumenthal 1875-1901						
*S. L. Cohen 1861–1869	Honorary Trustee, 1901-1902.						
Re-elected, 1871-1876.	*ISAAC WALLACH 1877-1907 Vice-President, 1879-1896; President, 1896-1907.						
*Ansel Leo 1861–1867	*Solomon Sulzberger 1877–1896						
*WILLIAM SELIGMAN 1862–1867 *S. I. Spiegelberg 1862–1866	*Nathan Barnett						
,	*Mayer Lehman 1878–1897						
*John M. Lawrence 1863-1872 Secretary, 1871-1872.	*Leonard Lewisohn 1879–1880						
*Henry Gitterman 1866-1916	*JACOB H. SCHIFF 1879-1882						
*Jonas Heller 1866–1870	Re-clected, 1883-1885.						
*Solomon Sommerich 1867–1889	*Henry Rosenwald 1879-1885						
*Isaac Herrmann 1867–1869	*Louis Gans 1879–1889						
*J. S. ABECASIS 1869–1872	*Moses G. Hanauer 1879–1882						
	Secretary, 1879-1882.						
*Lewis Fatman 1869-1878 Vice-President, 1874-1875; Re-elected 1880-1884.	*L. M. HORNTHAL 1880–1897 Secretary, 1882-1885.						
*A. S. Rosenbaum 1870-1875	*Michael Dinkelspiel 1881–1883						
Secretary, 1872-1875.	*DeWitt J. Seligman 1881-1888						
*Max Stadler 1870-1876	Secretary, 1885-1888.						

[•] Deceased

*SIMON ROTHSCHILD 1884–1905	*Henry Morgenthau 1901-1917
*S. L. FATMAN 1885–1898	Honorary Trustee, 1917–1946. *JAMES SPEYER 1902–1935
*Albert Hendricks 1885-1886	*JAMES SPEYER 1902-1935 Honorary Trustee, 1935-1941.
*Solomon Loeb 1885–1897	*I TO ADMOTTRAN
*Elias Asiel 1886–1920	Secretary, 1902-1910; Second Vice-President,
Treasurer, 1892-1915. *WILLIAM VOGEL 1887–1893	Secretary, 1902-1910; Second Vice-President, 1910-1917; First Vice-President, 1917-1938; President, 1938-1944.
*Anthony Wallach 1887–1888	*Jacob Emsheimer 1902–1928
*Adolph Herrmann 1887-1901	*Hugo Blumenthal 1902-1943
Honorary Trustee, 1901-1906.	*Chas. A. Wimpfheimer 1902–1934
*Henry Goldman 1888-1891	*M. SAMUEL STERN 1903-1910
Secretary, 1888-1891.	*Paul M. Warburg 1904-1914
*Leon Mandel 1888-1891	*JACOB FRANKENTHAL 1905-1910
*Isaac Stern	*Henry L. Calman 1906-1930
Vice-President, 1896-1906; President, 1907-1910. *Max Nathan 1889-1907	Second Vice-President, 1917-1919.
Honorary Trustee, 1907-1922.	*Philip J. Goodhart 1907–1933
*David Wile 1889-1906	Vice-President, 1910-1917; Honorary Trustee, 1933-1944.
Second Vice-President, 1902-1906.	MILTON C. HERRMANN 1907–1909
*Daniel Guggenheim 1889-1891	*SAMUEL E. JACOBS 1907-1918
*Newman Cowen 1889–1893	Honorary Trustee, 1918-1949.
*Leopold Weil 1889-1903	SIEGFRIED H. KAHN 1908-1909
Secretary, 1892-1893.	*ABRAM N. STEIN 1909-1912
*Joshua Piza 1890–1893	Edward N. Herzog 1909-1915
*Samuel Stiefel 1892–1894	Edgar A. Hellman 1910-1912
*Sigmund Oppenheimer 1892–1894	Secretary, 1910-1911.
*George Blumenthal 1892-1941	*Paul Gottheil 1910-1915
Secretary, 1893-1894; Vice-President, 1907-1910; President, 1911-1938; President Emeritus,	*EMANUEL VAN RAALTE 1910-1930
1938-1941.	*WILLIAM I. WALTER 1910–1927
*Julius Ehrmann 1893–1897	*Albert W. Scholle 1910-1916
*Marcus M. Marks 1894-1897	EUGENE MEYER, JR 1911-1920 *S. HERBERT WOLFE 1911-1921
Secretary, 1894-1896.	*S. HERBERT WOLFE 1911-1921 Secretary, 1911-1918; Second Vice-President,
*Isaac N. Heidelberg 1894-1896	1919-1921.
Re-elected, 1899-1914; Honorary Trustee, 1915-1928.	Louis J. Horowitz 1912–1919
*I. Henry Rothschild 1895-1897	*Norman S. Goldberger 1912-1919
*Henry F. Veith 1895-1897	BERNARD F. GIMBEL 1912-1920
*Herman Mendel 1895-1910	*Daniel Kops 1913-1923
Honorary Trustee, 1910-1914.	E. J. WILE 1915-1922
*Albert Sichel 1896-1897	G. F. Sulzberger 1915-1917
Secretary, 1897.	WALTER E. SACHS 1915-1933
*Morris S. Barnet 1897–1917 Honorary Trustee, 1917-1921.	Secretary, 1918-1921.
*Henry R. Ickelheimer 1897–1905	*SIDNEY S. PRINCE 1915–1929 Treasurer, 1915-1925.
*Louis M. Josephthal 1897-1904	
Secretary, 1897-1902.	*MAURICE FRANKFORT 1916–1928 Second Vice-President, 1921-1928; Honorary
*Meyer H. Lehman 1897-1916	Trustee, 1928-1936.
Honorary Trustee, 1916.	*Myron S. Falk 1916–1945
*Kalman Haas 1897–1912	WALTER W. NAUMBURG 1917
Honorary Trustee, 1912-1916. *IOSEPH F. CULLMAN 1897-1938	In office.
,002111 11 00 == 11111	Mrs. Arthur L. Carns 1917–1920
*Joseph Fox	Mrs. Alfred A. Cook 1917
*Walter A. Schiffer 1897–1898	
*ADOLPH LEWISOHN 1898-1938	Secretary, 1921-1923; Third Vice-President,
*EMIL S. LEVI 1899-1912	1924–1928; Second Vice-President, 1928–1937; Honorary Trustee, 1949–. In office.
Second Vice-President, 1907-1910; Honorary	
Trustee, 1912-1933.	*Benjamin Mordecai 1919–1943
*Murry Guggenheim 1901–1907 *Jefferson Seligman 1901–1909	Herbert H. Lehman 1919–1920 Jack W. Schiffer 1920–1928

^{*} Deceased

Benedict Erstein 1920-1931	SHELDON R. COONS 1936
*Charles Klingenstein 1920–1936 Mrs. Roger W. Straus 1920	In office. EDWARD A. NORMAN 1937
Vice-President, 1951. In office. NELSON I. ASIEL 1921	In office. Mrs. Arthur J. Cohen 1938
Treasurer, 1926-1942; Honorary Trustee, 1951 In office.	In office. ROBERT LEHMAN 1938
Mrs. Herbert H. Lehman 1921	In office.
In office. *Ernst Rosenfeld 1921–1937	Joseph F. Cullman, Jr 1939 Treasurer, 1943. In office.
ARTHUR H. HARLOW 1922–1942	JACOB C. STONE 1940-1945
Secretary, 1928-1938.	George Lee 1940 Secretary, 1943–1945;
*Martin Beck 1922-1929	Secretary, 1943-1945; Vice-President, 1945-1948. In Office.
*DAVID A. SCHULTE 1922-1947	HERMAN F. BAERWALD 1940
*DEWITT MILLHAUSER 1922-1942 Secretary, 1924-1928; Third Vice-President, 1928-1936.	In office. PHILLIP W. HABERMAN, Jr 1940 In office.
*Lester Hofheimer 1922-1934	ALFRED RHEINSTEIN 1941
GEORGE B. BERNHEIM 1923 Second Vice-President, 1938-1945; President,	In office. Joseph Klingenstein 1941
1945-1948; President Emeritus, 1948. In Office.	Third Vice-President, 1944-1945; Vice-President, 1945. In office.
*ALFRED JARETZKI 1923-1925	Samuel S. Schneierson 1941 In office.
*WALDEMAR KOPS 1924-1945 Third Vice-President, 1936-1937; Second Vice- President, 1937-1938; First Vice-President, 1938-1944; President, 1944-1945.	RICHARD GOLDSMITH 1942
President, 1937-1938; First Vice-President,	Secretary, 1945–1948; Vice-President, 1948–1948. In Office.
*Henry F. Wolff 1925–1935	Horace S. Manges 1942
*Mrs. Arthur Lorsch 1925–1935	In office.
Louis W. Abrons 1928	IRA A. SCHUR 1943 Assistant Treasurer, 1945-1948;
*Edwin M. Berolzheimer 1928–1941	Associate Treasurer, 1948. In Office.
*Fred H. Greenebaum 1928-1932	Albert L. Baum 1944
Leonard A. Hockstader 1928 In office.	*Charles A. Riegelman 1944–1950 Vice-President, 1948.
*Arthur Lorsch 1928–1941	Louis I. Dublin 1944–1948
HENRY MORGENTHAU, JR 1928-1930	*Maurice Wertheim 1945–1950
*ELI WINKLER 1929-1930	Andre Meyer 1945
DAVID SARNOFF 1929-1936	In office.
*Dr. S. S. Goldwater 1929-1933	Lewis S. Rosenstiel 1946 In office.
H. Walter Blumenthal 1930-1947	James Felt 1947
HAROLD D. WIMPFHEIMER 1930-1952	Vice-President, 1951. In office.
Mrs. Walter A. Hirsch 1932	*Joseph S. Reckford 1947-1949
In office. PAUL M. ROSENTHAL 1932-1945	RICHARD DEUTSCH 1947–1952
PAUL M. ROSENTHAL 1932-1945 Secretary, 1938-1942.	MAX ABRAMOVITZ 1947 In office.
Walter S. Mack, Jr 1933–1952 Mrs. George Backer 1933–1937	DAVID M. HEYMAN 1949-
ALFRED L. Rose 1933 Vice-President, 1945-1948; President, 1948.	Frederick D. Forsch 1950-
In Office. EDWIN C. VOGEL 1935	HENRY A. LOEB 1950-
In office.	WILLIAM E. ARNSTEIN 1950-
In office.	In office. Robert Bendheim 1950-
LEO GOTTLIEB 1935 Third Vice-President, 1937-1944;	In office. WILLIAM D. SCHOLLE 1952-
Vice-President, 1948. In Office.	ROBERT K. HAAS 1952-
EDWIN I. MARKS 1936	WILLIAM J. KRIDEL 1952-
In office.	HAROLD C. MAYER 1952-
CARL H. PFORZHEIMER, JR 1936 Secretary, 1942–1943; 1948. In Office.	MURRAY M. ROSENBERG 1952-

SUPERINTENDENTS AND DIRECTORS SINCE 1855

SUPERINTENDENTS — DIRECTORS +

1855-1866 *Julius Raymond 1867-1875 *G. Schwarzbaum 1876-1878 *Leopold B. Simon 1879-1892 *Theodore Hadel 1892-1899 *Leopold Minzesheimer 1899-1904 *S. L. Fatman 1903-1928 *S. S. Goldwater, M.D. 1928-1948 Joseph Turner, M.D. 1948- Martin R. Steinberg, M.D.

ASSOCIATE DIRECTORS

1927-1928 Joseph Turner, M.D. 1948-1948 Martin R. Steinberg, M.D. 1950-1951 Julien Priver, M.D. 1952- Sidney M. Samis, M.D.

ASSISTANT SUPERINTENDENTS - ASSISTANT DIRECTORS +

1892-1892 *LEOPOLD MINZESHEIMER 1896-1902 *GUSTAVE ABRAMS 1902-1903 *S. S. GOLDWATER, M.D. 1903-1904 *Solon J. Rieser 1905-1908 Sidney E. Goldstein 1908-1909 *D. М. Вьоом, М.D. 1910-1915 H. J. Moss, M.D. 1914-1915 A. J. Beller, M.D. 1915-1916 *Emanuel Giddings, M.D. 1916-1919 HERMAN SMITH, M.D. 1918-1919 *SIMON TANNENBAUM, M.D. 1919-1920 LEOPOLD BRAHDY, M.D. 1920-1926 E. M. BLUESTONE, M.D. 1922–1927 Joseph Turner, M.D. 1926–1927 J. J. Golub, M.D. 1927–1937 Stephen Manheimer, STEPHEN MANHEIMER, M.D. Louis Miller, Jr. 1927-1934 1934-1941 J. A. KATZIVE, M.D. JANDON SCHWARZ, M.D. 1935-1939 1937-1938 M. A. GREEN, M.D. MAXWELL S. FRANK, M.D. 1938-1945 Morris H. Kreeger, M.D. 1940-1946 DAVID H. Ross, M.D. 1941-1947 1945-1948 MARTIN R. STEINBERG, M.D. 1946-1950 JULIEN PRIVER, M.D. 1948-1952 SIDNEY M. SAMIS, M.D. HARRY MARKOWITZ, B.S. 1949-WILLIAM L. AGRESS, B.A. 1950-1952 1951-JACK RUTHBERG, M.D.

^{*} Deceased

[†] Title changed to Director and Assistant Director in 1917

GRADUATES OF THE HOUSE STAFF

Prior to 1884

*Mark Blumenthal *F. Tilden Brown *R. M. Cramer *R. B. Coleman *D. H. Davison

*William L. Estes

*Benson M. Feldman *Albert Fridenberg *David Froelich *Alfred Meyer *J. R. Nilsen

*R. Offenbach

*J. M. Rice *J. Rudisch *John Van Der Poel Julius Weiss

*S. Rapp

House Surgeons

- *James L. Shiland
 *Walter Hitchcock
 1885 *J. Clark Steward
 *Herman J. Schiff
 1886 *F. C. Husson
 *Alfred N. Strouse
 1887 *William H. Wilmer
 *H. S. Stark
 1888 Guy C. Rich
- 1888 Guy C. Rich

 *Howard Lilienthal
 1889 *L. J. Ladin
 George B. Cowell
 1890 Samuel L. Weber
 A. D. Mewborn
- *Bouthgate Leigh *David B. Lovell
- 1892 *Edw. C. Sternberger 1894 *George L. Brodhead *S. M. Brickner
- 1894 *Martin W. Ware Thomas T. Tuttle 1895 *Charles A. Elsberg
- *Nathan Breiter

 *J. Ralston Lattimore
 1896 *Albert A. Berg
- *William H. Luckett
 1897 *Charles Goodman
- J. B. Morrison 1898 *Harry Rodman *Walter M. Brickner
- 1899 Sidney Ulfelder *L. W. Allen
- *Eugene H. Eising
- 1901 M. Thorner Truman Abbe 1902 *Edwin Beer
- Major G. Seelig 1903 *Meyer M. Stark *Robert T. Frank

Eli Moschcowitz

- 1904 D. Lee Hischler Albert G. Swift Fred H. MacCarthy *C. F. Jellinghaus
- 1905 *Sol. Hyman *Isadore Seff William J. Haber Horace Leiter
- 1906 C. Morris Hathaway *Milton Bodenheimer Ernest Sachs Solomon Wiener
- 1907 Orville H. Schell Eben Alexander, Jr. *Aims R. Chamberlain Harold Neuhof
- 1908 John C. A. Gerster Abraham Hyman Isidor C. Rubin
- 1909 *Howard E. Lindeman Herbert D. Manley Fred G. Oppenheimer
- *Abraham O. Wilensky
 *Charles Ryttenberg
 Benjamin F. May
 George Baehr
 *Samuel H. Geist
- 1911 Louis Greenberg
 Philip Liebling
 *Irving Simons
 Leo Mayer
- 1912 Herman Jaffe Sidney Cohn Isidor Kross Julius Blum
- Abraham J. Beller
 *Oscar Baumann
 *Jesse D. Schwartz
 Ira Cohen
- 1914 *Heyman R. Miller C. Koenigsberger

- *Edward Bleier Abraham Strauss 1915 Ralph M. Bruckheimer
- Sol. Shlimbaum
 Paul W. Aschner
 Nathan Rosenthal
 *John F. Grattan
- 1916 Joseph A. Landy Adolf A. Weiss Waldemar R. Metz
- 1917 Harry C. Saltzstein David M. Natanson *Max D. Mayer
- Leo Edelman 1918 *Eugene Klein Louis Carp Samuel Kahn Julius Gottesman
- Leopold Brahdy
 1919 Herman Sharlit
 Lewis T. Mann
 Morris A. Goldberger
 *Emanuel Salwen
 - *Emanuel Salwen
 Joseph A. Lazarus
 Barney M. Kully
 *Henry S. Fischer
 *Jerome M. Ziegler
- 1920 Leo J. Hahn Rudolph Kramer *Samuel Hirshfeld Max Schneider *Harold L. Meierhof Nathan Sobel
- 1921 Laurence Jones William Harris Martin A. Furman L. Mason Lyons Sylvan D. Manheim Joseph B. Stenbuck
- Joseph M. Marcus Samuel Silbert

[•] Deceased

House Surgeons

(Continued)

				,				
		Percy Klingenstein Joseph S. Somberg Henry Milch Samuel Gaines	1928	William H. Mencher William Leifer Sidney Hirsch	1937	Herman R. Nayer		
	1923	Benjamin N. Berg Julian B. Herrmann Arthur H. Aufses Louis Kleinfeld Saul S. Samuels	1929	Robert L. Craig Lester R. Tuchman Ameil Glass Isidore Schapiro	1938	Ralph W. Flax Robert C. Eliot Nathan Mintz Jules L. Whitehill Vernon A. Weinstein Abner Kurtin		
	1924	Edwin A. Seidman *Seth Selig David Warshaw Seymour Wimpfheimer Sidney Friedman Elias L. Stern Gordon D. Oppenheimer	1931	William L. Ferber *Maurice M. Berck Lyon Steine Borris A. Kornblith Herbert S. Talbot Samuel H. Klein *Erwin K. Gutmann	1939	Sylvan Bloomfield Leonard S. Bases Leon N. Greene Nathan Adelman Joseph M. Silagy Emanuel Wachtel		
	1925	Robert K. Lippmann Edward A. Horowitz Robert H. Feldman Martin Schreiber	1932	Joseph A. Gaines William Sheinfeld Perry S. Horenstein H. Evans Leiter	1940	Samuel Diener Alexander Thomas Bernard S. Wolf Elliott S. Hurwitt Bernard E. Simon		
	1926	Leon Ginzburg Irving A. Frisch *A. Philip Zemansky, Jr. Edward O. Finestone Mayer E. Ross Edward J. Bassen Samuel Mufson	1933	Abraham J. Gitlitz Alexander H. Rosenthal Meyer Abrahams Sidney Rosenburg Jacob S. Goltman Leonard J. Druckerman Albert J. Schein	1941	Gerson J. Lesnick Herbert M. Katzin Rudolph E. Drosd William I. Glass Leon M. Arnold David Miller Daniel Luger		
	1927	*Clarence K. Weil Ernest E. Arnheim Walter F. Welton Hyman Rosenfeld Arthur S. W. Touroff Moses Swick Abraham Firestone	1935	Emanuel Klempner	1942	Norman Rosenberg Ernest L. Sarason Roy N. Barnett Alvin I. Goldfarb George J. Sabrin Lester Narins Norman Simon		
House Physicians								
	1884	Edward Burns *Charles H. May	1891	*Fred S. Mandlebaum *H. P. Palmer	1901	*I. W. Becker *Herman Schwarz		
	1885	Arthur B. Coffin *Josephine Walter		*E. C. Levy Percy H. Fridenberg	1902	*Edward A. Aronson *Milton Gerschel		
	1886	*Charles F. Mason *E. L. H. Swift *Edward J. Ware	1894	*Harry A. Cone *W. Jarvis Barlow *Sidney Yankauer	1903	*Herbert L. Celler *Alfred Fabian Hess David Kramer		
	•	*Charles G. Giddings *Abraham Korn *E. H. Walsh		*Emanuel Libman William P. Loth Herman B. Baruch	1904	Bernard S. Oppenheimer Arthur Bookman *H. F. L. Ziegel		
		*H. E. Sanderson *Simon D. Elsner G. L. Nicholas R. H. Cunningham	1898 1899	Sidney V. Haas Louis Hauswirth *William G. Exton *A. F. Foord	1905	Louis Bauman George W. T. Mills *Samuel Feldstein *Gustav A. Fried		
		*Max Jackson	1900	Israel Strauss		*Leo Kessel		

^{*} Deceased

House Physicians

(Continued)

1906 Julius J. Hertz *Jesse G. M. Bullowa Julian J. Meyer Max Taschman 1907 Alfred E. Cohn

*Louis Jacobs
*Louis G. Kaempfer
*Walter J. Highman

1908 *Jacob Wisansky *Abraham E. Jaffin Albert A. Epstein Max Scheer

1909 Abraham Sophian *Joseph Rosenthal *Maurice T. Munker Murray H. Bass

1910 Bernard H. Eliasberg Burrill B. Crohn *Milton Hahn Richard H. Hoffmann

1911 Harry Wessler Nathaniel Barnett *H. W. Emsheimer *Hiram Olsan

*Morris H. Kahn *Abraham Zingher Meyer Rosensohn

1913 *Alexander Hofheimer
*Jacob Sachs
Edward Mahler
*Daniel Poll

1914 Arthur S. Rosenfeld Maurice F. Lautman *John L. Kantor Louis H. Levy

1915 *A. I. Loewenthal David Beck Louis G. Shapiro Jacob Piller

1916 Willard D. Mayer Lester J. Unger Ernst P. Boas Joseph Harkavy

1917 *Harry Plotz Charles G. Giddings, Jr. *Louis Berman

William Rosenson
1918 Joseph Felsen
William Friedman
Max Harrison
Reuben Steinholz
Harold T. Hyman
Louis Hausman

1919 Morris Brooks
Jerome L. Kohn
Asher Winkelstein
Edward Hollander
Irving R. Roth
Abraham Kardiner
Kaufman Wallach

1920 Ira M. Olsan Charles Green Leo Loewe *Philip Finkle Edward Lehman Harry D. Pasachoff

1921 Morris J. Lavine Saul A. Ritter *Benj. B. Eichner *Philip Astrowe Frederic D. Zeman *Alton M. Amsterdam

1922 Nathan Muskin

*Sydney C. Feinberg
Samuel Z. Levine
David Gaberman
David Soletsky
Leon Ginzburg
1923 Samuel Rosen

1923 Samuel Rosen Samuel Rosenfeld Arthur M. Master Louis Hodes Philip Cohen William S. Collens

*Alfred M. Goltman Coleman B. Rabin Ephraim Shorr Robert K. Lambert David Ball

1925 *Leon Goldsmith
Benjamin Eliasoph
Richard M. Brickner
Harold A. Abramson
Alfred E. Fischer
Harry I. Weinstock

1926 Harry Schwartz J. Lester Kobacker Nathan Cherwin Harry S. Mackler Joseph Laval David Wexler

1927 A. L. Goldwyn William J. Bearman Ameil Glass Milton J. Matzner Jacob E. Holzman Elmer S. Gais
Abraham L. Kornzweig
*John Cohen
Samuel H. Averbuek
Joseph Uttal

1929 Herman Zazeela Alfred Romanoff Solomon Silver Samuel Melamed

1930 William J. Hochbaum Shirley H. Baron Sylvan E. Moolten Arthur Schifrin

1931 *Herbert M. Klein Rose Spiegel Arthur R. Sohval Robert V. Sager 1932 Albert B. Newman

1932 Albert B. Newman William M. Hitzig Herman S. Roth Frederick Bridge

1933 Saul Jarcho J. Edward Stern Hyman Levy Harry L. Jaffe

1934 Abraham Penner Frederick H. Theodore D. Alfred Dantes Israel Schiller

*Benjamin Rubin Milton Mendlowitz Henry Dolger

1936 Morton W. Willis Morris F. Steinberg Samuel Nisnewitz Edward R. Schlesinger

1937 Sidney L. Penner Eugene Somkin Edgar A. Baron Morton Yohalem

1938 Max Ellenberg Samuel C. Bukantz S. Zelig Sorkin Robert A. Newburger Ralph E. Moloshok Sydney G. Margolin

1939 Milton Landowne
Irving A. Beck
Irving Solomon
Herman Anfanger
Sidney Cohen
*Emanuel B. Schoenbach

1940 Daniel Stats

* Deceased

House Physicians

(Continued)

Clifford L. Spingarn 1941 Arthur W. Seligmann, Jr. Mary C. Tyson Alvin J. Gordon *Samuel S. Dorrance Selvan Davison George L. Engel Merrill P. Haas Frank L. Engel Bernard M. Schwartz

Maurice Franks Henry D. Janowitz John B. DeHoff 1942 *Herman L. Jacobius Jonas E. Salk

Edward H. Roston

Rotating Interns

1942 †Samuel L. Feder †Robert M. Heavenrich †Mortimer B. Hermel †Maurice J. Keller Morley J. Kert Irving G. Kroop †Nathaniel B. Kurnick Robert Landesman †Harvey K. Mechanik Edward Meilman Irving Pavlo †Jonas Sirota *Stanley J. Snitow †Stephen B. Yohalem 1943 †Charles H. Altschuler Marvin Blum †Morton S. Bryer Daniel Burdick †Chester Cassel David A. Dreiling †Frederick Epstein †Stefan S. Fajans Jacques L. Gabrilove Daniel Giddings Stanley L. Glickman Theodore Gold †Harold M. Goldstein †Lawrence I. Kaplan Leo D. Kellerman Paul A. Kirschner Samuel R. Klibanoff Hyman J. Levine †Arthur W. Ludwig †Sidney R. Michael †Mervin G. Olinger †Daniel F. Richfield +Bernard Robinson †Bernard R. Rowen Harvey Sirota †Hilliard Spitz †Leon Star †Leonard Stone Abraham L. Umansky †Irving Wolfson †Robert Zimmerman

†Morton Ziskind Ierome S. Beloff 1944 Robert M. Berne Emanuel S. Cohen Relvert J. Coe †Clarence Denton Richard B. Drooz †Murry G. Fischer Joseph Freeman Kenneth M. Gang Gilbert H. Glaser †Avram S. Goldstein †Robert J. Grayson Sumner Hagler Stanley R. Lee Dora S. Levine (6 months) Matthew O. Locks Robert A. Nabatoff Iack Orloff †Ira Rashkoff Eli Robins Norman Rosenthal Seymour E. Rosenthal Irene Shapiro †Edward A. H. Swift Sidney P. Zimmerman Bernard Becker 1945 Sidney Berman Kurt Elias Marshall Freedman Ianet Greenberg Ezra M. Greenspan Sidney A. Haber David E. Haft Sumner Kaufman Joseph Kolker Maxwell H. Kolodny Marvin F. Levitt Adrian L. Luhby Leonard L. Madison Solomon Papper Irving H. Parnes Naomi deSola Pool

Alan J. Rosenberg

David L. Rubinfine Bert L. Vallee William I. Weiss Stuart S. Asch 1946 Irving Baras Philip S. Bergman Mortimer J. Blumenthal William R. Dorrance Mark Eisenbud Aaron D. Freedman Bennett L. Gemson Benedict R. Harrow Donald S. Kent Herbert S. King Alan L. Klein Victor C. Lazarus Howard S. Miller Joseph M. Miller Eliah M. Nadel Renee B. W. Papper Leo G. Parmer George Robinson Donald J. Rosenthal Martin C. Rosenthal *Leonard J. Sagal Herbert Sandick Louis E. Schaefer Stanley L. Slater Myron E. Steinberg Gene H. Stollerman Louis B. Turner Robert S. Wallerstein Diana Zingher Mortimer E. Bader 1947 Richard A. Bader Martin L. Beller

Sanfurd G. Bluestein

Stanley R. Drachman

Norman P. Goldstein

Leon Eisenberg

Samuel K. Elster

Jeanette Ettinger

Saul A. Frankel

Harold Gabel

· Deceased

[†] Internship interrupted to answer call to Armed Forces

Rotating Interns

(Continued)

Daniel S. Kushner Joseph Leighton Melville G. Magida Howard L. Moscovitz Arnold B. Scheibel Edward Schulman Lawrence I. Schwartz Robert Seely Franklin H. Streitfeld Joseph S. Wallace Daniel H. Welner 1948 Edward Adelson Richard M. Alexander Stanley B. Braham Edward B. Crohn Arthur W. Epstein Arthur E. Falk Stanley K. Gordon Esther Haar Harris E. Karowe Louis C. Lasagna Henry H. Ludemann Donald L. Mahler Esar G. Margolin Harold M. Nitowsky Robert O. Oseasohn Sanford Pariser Murray B. Pincus Bruce L. Ralston Ira S. Rubenstein Philip Samet Samuel O. Sapin Robert L. Segal Peter S. Tolins George S. Berg 1949 Alfred J. Bollet Ruth E. Cortell Joseph H. Dashefsky Mayer Fisch Gladys A. Fish Edwin L. Garlett Stanley E. Gitlow Robert A. Green Melvin M. Grumbach

David I. Hamerman Avrum L. Katcher Stanley L. Kogut David L. Krohn Harvey Kugler Leslie A. Kuhn Sherman Kupfer Martin Kurtz Daniel J. Nathan Joseph G. Parker Paul L. Schoenberg Chester J. Semel Harry R. Shinefield Harold M. Unger Albert Altchek 1950 Harold Bernhard Marvin R. Blumenthal Gerald Brill Morris Brozovsky James L. Eliasoph Daniel S. Feldman Robert A. Gerber Samuel Goldfein Herbert L. Goodman Archie Handler Grace G. Herman Howard Horner Donald M. Kanter Jacob Katz Lewis E. Lipkin Dorothy T. Marks Leonard J. Robinson Murray Z. Rosenberg Sidney S. Schreiber Martin H. Sternstein Robert M. Sturman Richard H. Thurm Alan S. Zisman Donald K. Adler 1951 Gerald Besson Bernard Goldberg

Solomin I. Griboff Stuart I. Gurman Hillard W. Himes Lester B. Hollander Jonah D. Kosovsky Ernest L. Levinger Ira J. Levy Isaac Lewin Gordon R. Meyerhoff Donald I. Mevers Emanuel Peterfreund Arnold B. Ritterband Robery L. Samilson Herman A. Schwartz Max G. Sherer Martin Silbersweig William J. Silverberg Marvin W. Sinkoff Edward Tamler Paul S. Barr 1952 Lawrene Berger Saul A. Boruchoff Elaine T. Bossak Anthony Donn Ezekiel Freed Albert L. Freedman Howard Grossman Klaas P. Honig (10 mos.) Arthur I. Hutner Solomon Kaplan Jacob Kirshner Burton I. Korelitz Samuel H. Madell Harvey Mendelow Robert I. Newman Joseph K. Perloff John D. Rainer Kenneth Roth Miles J. Schwartz Eric Schweiger Eleanor Z. Wallace Richard R. P. Warner I. Lawrence Werther

William Goldfarb One-Year Interns and Externs

Martin Goldberg

1898 L. A. S. Bodine W. M. Lazard 1899 E. A. Rosenberg E. D. Lederman *A. W. Roff

900 Edward J. Miller
*Charles E. Rosenwasser

J. Howard Staub
1901 Leon Bandler
*Eugene P. Bernstein
1902 *S. S. Goldwater

1906 Kaufman Schlivek *Isadore Goldstein

*Isadore Goldstein *William Branower Isadore Kaufman 1907 B. Rein

*Edgar D. Oppenheimer P. Fiaschi Jerome S. Leopold

1908 *Wm. I. Wallach M. Reuben

Deceased

One-Year Interns and Externs

(Continued)

			(Continued)		
1909	M. C. Pease, Jr. Michael Barsky H. C. Fleming *E. W. Abramowitz William Lapatnikoff	1917	M. Varzahbedian *H. Martinson A. Jerskey Louis Nahum J. J. Wiener		Harry Keil Clement H. Golden Henry A. Baron Sidney Housman Charles Sutro
1910	E. M. Carson I. Shapiro Jacob Roemer Charles Gluck Mark Cohen		B. E. Strode A. Altschul Samuel K. Levy Leon Antell W. Sellinger M. J. Radin	1931	Herbert Lampert Nathan H. Sachs Hyman Lieber Edward B. Greenspa Harry Yarnis
1911	Jerome Zuckerman Charles Gottlieb *Hugo Blum William Thalhimer Clarence Brown *Ralph H. Goss D. Tannenbaum Arthur J. Bendick *J. J. Fabian Harry G. Goldman Harold A. Cohen	1920 1923 1924	Max Dobrin Jacob Branower *Harold Rypins D. S. Dann S. S. Lichtman *M. Biederman	1932	Henry Peskin Robt. H. Abrahamsor Ralph T. Levin Max L. Som Bernard Amsterdam David R. Levine Bernard Amsterdam Samuel A. Feldman Sidney E. Lenke Irving Kowaloff Alice I. Bernheim
1912			* Jacques M. Lewis Julius Kavee Gertrude Felshin Emanuel W. Benjamin Eli Y. Shorr Harry Weiss Sidney D. Leader Paul S. Roland Walter Bromberg	1933	*Charles J. Sage Carl Zelson F. J. de Prume Benjamin I. Allen Bension Calef Simon Dack Edward Greenberger Harold W. Keschner Arnold Treitman
1914	M. Lobsenz H. L. Sherman T. Halpern D. H. Bluestone S. Genovese	1928	Ben Z. Steine Hudythe M. Levin Moses R. Buchman S. I. Kooperstein Herman Slass	1934	Fred R. Schechter Robert Ullman I. Oscar Weisman Meyer Emanuel Ralph W. Flax Sidney L. Gottlieb David Littauer M. Edward Hipsh Charles W. Rieber
1915	A. Mendelson J. Sinkowitz I. Pelzman J. Haimann D. Kronman I. W. Jacobs A. Brody *J. L. Furst	1929	Isabel Globus S. P. Carp Sidney D. Leader Harry Rosenwasser Harry Feld George Frumkes Michael C. Kemelhor Louis Schneider	1935	Louis M. Rosati Jandon Schwarz Albert D. Kistin Vernon A. Weinstein Morris M. Kessler William Finkelstein Herman I. Kantor Jean Pakter
1916	M. A. Sager L. L. Roth *J. A. Rosenberg Joseph Reiss *J. Rosenfeld I. Rosen	1930	Saul Miller Bernard S. Brody Marcy L. Sussman David Beres Harold A. Abel Charles K. Friedberg	1936	William Epstein M. Edward Hipsh *Samuel B. Weiner Simon H. Nagler Samuel M. Bloom Max Ellenberg Jean Pakter

[•] Deceased

Interns and Residents in the Laboratories

	interns	and I	residents in the Lab	orator	162
1911	Daniel Poll		Joseph M. Silagy		Bernard R. Rowen
1912	Louis H. Levy	1937	Alexander Thomas		Jacob Dyckman
1913	Paul W. Aschner		Bernard S. Wolf	1949	Norman Alisberg
1914	*Harry Plotz	1938	Tibor J. Greenwalt		Henry D. Shapiro
1915	William Rosenson		Daniel Luger		Kuang-Chao Wang
1916	Julius Gottesman	1939	Roy N. Barnett		(6 months)
1917	Lewis T. Mann		Merrill P. Haas		Nathan Lane, Jr.
1918	Martin Vorhaus	1940	Robert Landesman		Donald S. Kent
1919	Maurice Rashbaum		Irving G. Kroop		(6 months) Franklin H. Streitfeld
1920	Percy Klingenstein	1941	Daniel Burdick		(6 months)
1921	Saul S. Samuels		Jacques L. Gabrilove		Daniel S. Kushner
1922	Sol. S. Lichtman		Robert V. Bachman		(6 months)
1923	Martin Schreiber		(6 months)	1950	Bao-jen Chern
1924	Lionel S. Auster		Charles Chesner (6 months)		(6 months)
	*Clarence K. Weil	1942	Richard H. Marshak		Albert H. T. Lin
1925	Abraham Firestone	1942	(6 months)		(6 months)
1926	William Leifer		Ingrid Stergus		Alfred A. Pomeranz (6 months)
	Alfred Romanoff	1943	Lotte Strauss		Daniel L. Weiss
1927	Irving Nachamie	, , ,	Frederick G. Zak		(6 months)
	S. David Glusker	1944	Bert L. Vallee	1951	Archie Handler
1928	Henry H. Lichtenberg		Adrian L. Luhby	1971	Sumner Holtz
	Arthur Schifrin	1945	Eugene R. Studenski		Daniel S. Kushner
1929	Reuben Cares		Luis Gonzales-Cuzan		(6 months)
	Harry Moss	1946	Benjamin Shorr		Edward Schulman
1930	Harold A. Aaron		W. Harold Civin		(6 months)
	Victor H. Kugel		Burton Levine		Franklin H. Streitfeld
1931	Sidney E. Lenke	1947	Edward B. Crohn		(6 months)
	Jacob S. Goltman		(10 months)		Hillard W. Himes (6 months)
1932	Sidney Licht		Robert L. Feldman	1952	Lewis Brooks
1933	Milton Men llowitz Irving A. Sarot		Robert H. Manheimer	1952	Robert A. Gerber
					Rene Jahiel
1934	Leon G. Berman *Milton Steiner		Mervin G. Olinger		Lewis E. Lipkin
	Samuel C. Bukantz		Harold S. Arai (6 months)		Galli Safrin
1935	Nathan Mintz	1948	Boris Gueft		Robert D. Seely
1026	Nathan S. Hiatt	1940	Chester Cassel		Gopal V. Tavalkar
1936	Nathan S. Fliatt		Chester Casser		Gopai v. Tavaikai
		- Ir	nterns in Dentistry		
1022	Marvin G. Freid		Robin M. Rankow		Chester R. Rackson
1933	Herbert L. Goodwin	1042	†Melvin L. Morris		Herbert S. Remnick
1024	Henry I. Cohen	1942	Jack S. Klatell	1949	Irwin S. Robinson
1934	Harry A. Suslow	TO 42	Jerome S. Klaif	1949	Joseph R. Stein
T025	Louis Kroll	1943	(8 months)		Peter E. Stern
1935	Robert S. Gilbert		Ira S. Colby		Mortimer Stone
1930	Manuel Gottlieb		Robert Gottsegen	1950	Marvin E. Pizer
1027	Ben Pine	1944	Leonard H. Hirschfeld	1950	Harvey L. Small
1937	Robert W. Sabin	244	Hannon Tuttleman		Martin S. Weg
0	Robert W. Sabin		(7 months)		E D 1

Hannon Tuttleman (7 months)

1946 Frank Blauhut

1947 Dennis Berger

Leo Stern, Ir.

Morris Dicker

1948 Jerome S. Mittelman

Raymond Kotch

· Deceased

1938

Robert W. Sabin Robert S. Hess

Lee R. Kulick Manuel Burness
Alfred R. Shepard
Lester H. Sablow

Henry Ellison

1941 Leon Eisenbud

1951 Ernest Baden Harold Brooks

Stanford Harris

David H. Katz

David Greene Walter S. Moch

A. Norman Cranin

1952 Stanley A. Busch

[†] Internship interrupted to answer call to Armed Forces

Private and Semi-Private Pavilions

Surgery

		Surgery		
1905 Albert G. Swift		Edward Jacobs		Robert W. Mann
1906 *Edwin A. Riesenfeld		Myron A. Sallick		Jerome S. Coles
1907 *Milton Bodenheimer		David Sloane	1940	Leon J. Taubenhaus
1908 *William Branower	1929	Jacob J. Enkelis	1940	*Nathaniel C.
1909 Eben Alexander, Jr.	-9-9	Samuel S. Hanflig		Schlossmann
Harold Neuhof		Robert I. Hiller		
1910 Abraham E. Jaffin		Bernard D. Kulick		Bernard Friedman
1911 J. C. Wooldridge	*0.20	Samuel Imboden		Earl M. Edison
*A. O. Wilensky	1930			Albert S. Lyons
1912 *J. Irving Fort		Samuel P. Suffin	1941	Marvin P. Rhodes
		Eske H. Windsberg		David Brezin
1913 J. W. Brennan	1931	Sidney Rosenburg		Benjamin Greenspan
J. E. King		Henry A. Baron		Seelig Freund
1914 A. J. Beller		Lyon Steine		Theodore A. Fox
H. E. Schorr	1932	David A. Susnow		Ralph Friedlander .
1915 *Jesse D. Schwartz		Joseph Tomarkin		Leon M. Arnold
*Edward Bleier		*Erwin K. Gutmann		(8 months)
1916 *H. S. Marcley		Meyer Corff		Heinz Lippmann
1917 Sol Shlimbaum	1933	Joseph Tartakoff	1942	Harry L. Dein
J. Ramser Crawford		Robert Turell		Mark E. Fox
Joseph A. Landy		Perry S. Horenstein		Irving H. Itkin
Adolf A. Weiss	1934	H. Evans Leiter		David Miller
1918 David M. Natanson	- 757	Robt. H. Abrahamson		William I. Glass
1919 *Max D. Mayer		Arthur J. Harris		Maurice S. Harte
G. D. Von Deylen	1935	Meyer Abrahams		Selig Strax
Milton S. Fine	1937	Zachary R. Cottler	1943	Lawrence A. Gardy
1920 William A. Flick		Albert M. Schwartz	, , ,	Norman Rosenberg
Thomas J. Sullivan		Jerome Gross		George Schreiber
Joseph Lazarus		Anthony Kohn		Thomas Wilensky
1921 Arnold Messing		Leonard J. Druckerman		†Max Feinberg
Paul S. Lowenstein	1936	Leo H. Pollock		Wolf Elkan
1922 Joseph Heyman	1930	Seebert J. Goldowsky		Herbert Hershey
L. W. Pritchett		Edward E. Jemerin		†Harvey P. Kopell
1923 Benjamin Kogut		Irwin P. Train		(6 months)
Edward Lorentzen			1944	Aaron J. Gissen
Samuel Gaines	1937	Ernest D. Bloomenthal		Bernard Gottfried
1924 Seymour F. Wilhelm		Aaron Prigot		Stanley J. Sarnoff
Ernst Springer		Meyer L. Goldman		(6 months)
Abram A. Weiss		Louis Scheman		David Zakin
A. J. Sparks		Leon M. Caplan		(6 months)
Elias Rubin		Sigmund A. Siegel	1945	
1925 *Franklin I. Harris		Gabriel P. Seley		Robert Lowenberg
George S. Lachman	1938	Julian A. Jarman		Sayed A. Sabeti
Elias L. Stern		Philip Cooper		Frank Sainburg
N. H. Blumenkranz		Ralph W. Flax		†Alfred B. Stich
1926 Norman F. Laskey		Lawrence Essenson	,	(7 months)
Samuel Hochman		Benjamin Gitlitz	1946	
Edward O. Finestone		H. Earle Tucker		David J. Lehman, Jr.
1927 Joseph M. Frehling	1939	Arthur Gladstone		Louis J. Lester
M. Lester Lowry	1939	Sylvan Bloomfield		(6 months)
C. D. Moore		Vernon A. Weinstein		Louise F. Reda
1928 Harold W. Goldberg		Leon N. Greene		Kurt Roberts

[•] Deceased

[†] Residency interrupted to answer call to Armed Forces

(Continued)

		•		
Gilman E. Sanford (6 months) Norman B. Bloom Jacob B. Burke Samuel H Cohn Kenneth M. Gang (6 months) Oscar Greene Aaron Grollman George D. Hoffeld Harry A. Lotman M. Judson Mackby Leon H. Sherman Walter J. Spinrad Franklin Robinson (6 months) Ben F. Bryer Menahem Cooperstein Albert E. Cremer David Elkin (7 months) Alfred I. Frankel Wallace Green John R. Herman Felix A. Kantrowitz Stanley A. Kornblum Stanley L. Lane Harold Lear Murray N. Levin Hyman J. Levine Jacob B. Mandel David Orringer Benjamin A. Payson (6 months) Frank Rathauser Joseph H. Sherman (9 months) Frank Rathauser Joseph H. Sherman (9 months) Gilbert S. Goldman Jerome S. Harris Henry J. Heimlich Leonard Levin-Epstein Harold A. Masters Alexander P. Maybarduk	1949	Robert A. Herfort Ben Rosner Henry M. Trask Herman D. Zeifer Emil L. Barrows Melvin B. Fishman Sidney S. Kaufman Saul B. Meltzer Irving H. Parnes Milton J. Pearl Leonard J. Roberts Herbert Sandick Herman S. Shapiro Lester Steppacher Joseph Brisbane Sidney H. Cohen	1951	Maurice M. Hyman Jacob Kraft Samuel G. Reisman Cesar Mishaan-Pinto (6 months) N. R. Amesur Alexander Bellwin (6 months) Ralph Colp, Jr. James L. Eliasoph Benjamin J. Feldma Russell Goldbaum Horman N. Gray (7 months) David Kramish Dorothy T. Marks †Chester J. Semel (7 months) T. R. Motwani (6 months) Harold M. Unger Luis A. Vallecillo Aditya Barman (6 months) Stanley S. Brodoff Ching-Hsien Chiang Jean-Claude Caron (6 months) Bruce Friedman Alvin Kahn Hendrik J. W. Mare Robert Paradny Arthur O. Schilp Gopal C. Sharma Edgardo V. Zavala †Burton Bronsther (6 months) †Jaime Martinez (6 months) †Jaime Martinez (6 months) †Jaime Martinez (6 months)
Abba A. Messe		Milton Virshup		(6 months)
		Medicine		

raft G. Reisman sishaan-Pinto Amesur der Bellwin ths) Colp, Jr. L. Éliasoph in J. Feldman Goldbaum n N. Gray ths) Kramish T. Marks J. Semel Motwani ths) M. Unger Vallecillo Barman ths) S. Brodoff Hsien Chiang aude Caron ths) ath Dash ths) Friedman Kahn k J. W. Marcella Paradny O. Schilp C. Sharma o V. Zavala Bronsther ths) Martinez ths) Goldbaum

Medicine

1908	Julius Kaunitz		*Morris H. Kahn	1921	Selian Hebald
1909	J. Russell Verbrycke	1915	Edward Mahler	1922	Allan I. Mann
1910	*Jacob , Wisansky	1916	Joseph D. Kelley	1923	*Stanley S. Myers
1911	*Joseph Rosenthal	1918	Joseph Rosenfeld	1924	Bernard Appel
1912	Oris S. Warr		Joseph Reiss	1925	Samuel Schindelhelm
1913	A. B. James	1919	Hubert Mann	1927	Abraham M. Schaefer
1914	B. M. Dear	1920	Louis Sacks	1928	Henry Z. Goldstein
				1020	Max E. Panitch

[•] Deceased

1947

1948

[†] Residency interrupted to answer call to Armed Forces

(Continued)

			()		
1930 1931 1932 1933 1935 1936 1937	Bernard S. Brody Harold A. Abel Harry Yarnis Frank A. Bassen Abraham Penner Samuel Baer David E. Scheinberg William Finkelstein Albert Cornell Herman G. Helpern Philip M. Gottlieb	1939 1940 1941 1942 1943	Milton H. Adelman Morris H. Kreeger William Kaufman Martin A. Zionts Charles Ressler Sidney S. Greenberg George J. Sabrin Roy Hyde Arthur A. Briskier Naomi Kaplan William Frank	1945 1946	Mindel R. Erdberg Jacob Stone Harold S. Arai Morton H. Halpern Jerome D. Markham Sidney Storch Hyman Zuckerman Marvin C. Becker John J. Bookman Martin C. Rosenthal Leonard Stone
			Ward Services		
			Neurology		
1924	William Malamud David Rothschild M. W. Bergman	1937	Morris M. Kessler L. M. Weinberger Jerome E. Alderman	1947	Alvin I. Goldfarb Jack G. Sheps (6 months)
	David I. Arbuse	1938	Mark G. Kanzer		Mortimer Ostow
1926	Herman G. Selinsky		Edwin A. Weinstein		Sidney M. Cohen
	Sol W. Ginsburg	1939	Eugene P. Mindlin	1948	Joseph A. Epstein
1927	*Jacob J. Kasanin Lewis J. Doshay	1940	Hyman E. Yaskin Bertram Schaffner		Leonard I. Malis Morton Marks
1920	Walter Bromberg	1940	Sydney G. Margolin	1949	N. Wm. Winkelman, Jr.
1929	William Berman	1941	Milton Sapirstein	1949	Leroy S. Sugarman
	Isabel Globus	-24-	Aaron Stein		Louis J. Micheels
	P. Goolker	1942	Paul G. Myerson		Philip S. Bergman
1930	Lewis H. Loeser		Avraam T. Kazan	1950	William H. Bloom
1931	Paul Sloane	1943	†Jack G. Sheps		Arthur W. Epstein
1022	Bernard S. Brody William Schick		(7 months)		Robert Jaffe
1932	Samuel A. Sandler		Sidney Levin		Howard P. Krieger
	Louis Levenstim		John L. Simon	1951	Bruce L. Ralston
1933	Daniel E. Schneider	1944	Irma H. Gross		Gerald S. Klingon
	Jacob H. Friedman	1945	Richard B. Drooz		Peter Laderman
1934	Abram Blau	1946	Sidney Berman		Herman W. Blankenberg (6 months)
	Morris B. Bender Norman Reider		Kenneth M. Gang Stanley Stellar	1952	Daniel S. Feldman
1935	Sidney Tarachow		Benedict I. Bernstein	1952	Howard Z. Joselson
1936	Norman A. Levy		Bernard D. Fine		Meyer Sutton
- 75 -	,				ŕ
			Otolaryngology		•
4924	Louis Kleinfeld	1935	Benj. I. Allen	1945	Relvert J. Coe
1925	Samuel Rosen	1937	A. H. Neffson		Joseph Freeman
1927	Joseph G. Druss	1938	Lester L. Coleman	1946	Charles H. Rosenberg
1928	Irving B. Goldman	1939	Samuel M. Bloom		Joseph Kolker
1929	Ben Z. Steine	1940	Michael S. Zeman	1947	Jacob S. Aronoff Oscar Carp
1930	Harry Rosenwasser Joseph L. Goldman	1941 1942	Leonard S. Bases Jacob S. Aronoff	1948	Iesse Fuchs
1931 193 2	William J. Hochbaum	1942	Nathan Adelman	1949	Joseph Freeman
1932	Max L. Som	1944	Leon M. Arnold	1950	Charles H. Rosenberg
1934	Eugene R. Snyder		Jacob L. Greif	1951	James S. Baum
				1952	Sidney S. Feverstein
• Dec	eased				

Deceased

[†] Residency interrupted to answer call to Armed Forces

(Continued)

Pediatrics

1924	Philip Cohen		Sidney Blumenthal		Mary E. Hyman
	Alfred Nathans	1937	Arthur Lesser		(6 months)
1925	(6 months) E. Gorden Stoloff		*Samuel B. Weiner	0	Harold M. Goldstein
1925	Isabel Beck	0	Jean Pakter	1948	
1926	Samuel Karelitz	1938	Howard G. Rapaport *David B. Davis		Robert M. Heavenrich
	Samuel J. Levin	1939	Victor L. Szanton		Robert D. London Bennett L. Gemson
1927	Alfred E. Fischer	1939	Jacob Danciger	1949	Janice T. Nightingale
	Gustave F. Weinfeld	1940	Herschel J. Kaufman		(6 months)
1928	Abbot L. Winograd		Arnold Widerman		Richard N. Reuben
	Harry S. Mackler	1941	Ralph E. Moloshok	1950	Cecil Abraham
1929	Moses R. Buchman Sidney D. Leader		Herman Anfanger		(8 months)
1930	David Beres	1942	Philip J. Kresky		Michael L. Gilbert Cho-Yuen Lo
1930	Peter Vogel		Alfred L. Florman		(6 months)
1931	Jacob L. Rothstein	1943	*Jerome W. Greenbaum Eleanor Galenson		Nathan Schifrin
- 33 -	A. E. Cohen	1944	Luigi Luzzatti		Marvin H. Goodwin
1932	George J. Ginandes	* 744	Gerhard S. Nothmann	1951	Carol H. Brach
	Albert A. Rosenberg	1945	Jerome S. Beloff		Avron Y. Sweet
1933	Martin L. Stein		Sumner Hagler		Samuel O. Sapin
	Carl Zelson		Irene Shapiro	1952	Gladys A. Fish
1934	Louise Rauh	1946	Jorge E. Howard		Avrum L. Katcher
1935	Jacob Brem		Sidney Wachtell		Harry King
	Samuel Ehre	1947	William Obrinsky		Norman B. Schell
1936	Howard C. Leopold		Arthur Robinson		Shirley M. Stone
			Gynecology		
1924	Arthur Katzenstein	1934	Sidney N. Mendelsohn	1943	Charles S. Poole
-) - 7	Karl Polifka	- /5 1	U. J. Salmon	243	Herman I. Kantor
1925	Morris R. Matus	1935	Robert Turell	1944	Richard H. Marshak
	Seymour	_	H. Melvin Radman		Norman M. Weinrod
	Wimpfheimer	1936	Emanuel Klempner Robert I. Walter	1945	Irving Fain
1926	Howard A. Power	1937	Norman Margolius	1946	Meyer D. Schnall David Zakin
	Edward A. Horowitz	193/	Herbert F. Newman	1940	John F. MacGuigan
1927	Frank Spielman	1938	Arthur M. Davids	1947	Louis S. Lapid
1928	Jacques D. Soifer	- 35-	Phoenix M. Sales		Harvey K. Mechanik
	Alan F. Guttmacher	1939	Nathan Mintz		Bernard D. Stollman
1929	Oscar Glassman		Jack Squire	1948	Jacob B. Burke
1930	Benjamin E. Urdan Maurice Feresten	1940	Norbert B. Reicher		Robert Landesman
1021	Irving Nachamie		Irving L. Frank	1949	Myron E. Steinberg
1931	Mervin A. Henschel	1941	Aaron L. Lichtman	1050	Irwin Weiner Louis Burke
1932	Phineas Bernstein		Louis S. Lapid	1950	Robert L. Feldman
- 732	Henry A. Baron	1942	†Harold Bengloff (6 months)	1951	Arnold N. Fenton
1933	Joseph A. Gaines		George C. Escher	- //-	Theodore I. Jacobus, Jr.

^{*} Deceased

[†] Residency interrupted to answer call to Armed Forces

(Continued)

Ophthalmology

1928 1929 1930 1931 1932 1933 1934 1935 1936 1937	David Wexler *Robert K. Lambert Murray A. Last Saul Miller Herman I. Weiss Samuel L. Saltzman A. L. Kornzweig Nathan S. Rubin Frederick H. Theodore Jacob Goldsmith Frank M. Green	1939 1940 1941 1942 1943 1944	Louis C. Ravin Herman K. Goldberg Milton G. Ross Alan H. Barnert Herbert M. Katzin Sylvan Bloomfield Virginia L. Lubkin Morris Feldstein Leo D. Kellerman Milton Greenberg	1947 1948 1949 1950 1951 1952	Robert Lateiner Mortimer Cholst (6 months) William I. Glass Gerald M. Branower Marvin Posner Edward L. Seretan William G. Toll Robert S. Coles †David L. Krohn
		C	rthopedic Surgery		
1938 1939 1940 1941 1942 1943	Samuel R. Rubert Otto Lehmann Alvin M. Arkin †Joel Hartley Henry S. Wieder, Jr. Irving V. Glick Abraham L. Umansky (6 months)	1945 1946 1947 1949	Paul C. Wiesenfeld Ralph L. Citron Philip T. Schlesinger Monroe Schneider Julius Schneiderman Robert Siffert Jacob F. Katz Stanley S. Tanz	1950 1951 1952	Irving V. Glick (6 months) Joseph W. Copel †Bertram M. Kummel Roy S. Temeles
			Radiology		
1921 1922	Sidney H. Levy Rubin Lavine	1933	Gerald J. Bernath Mitchell Burdick		Sidney Axelrod (Roentgenology)
1923	Barnett P. Freedman Harry S. Olin Harry Gross	1934	Gayland L. Hagelshaw Israel Kirsh Edward D. Sherman	1945	Harry Naidich Joan J. Lipsay (Roenigenology) Mortimer Lubert
1924	Irving Schwartz Max Newer	1936	Irving I. Cowan Joseph Jellen	1946	(Radiotherapy) Abraham Marvisch
1925	Jacob R. Freid Nathaniel H. Robin Emanuel J. Wexler	1937	Benjamin Copleman Max Schenck Marston T. Woodruff	1947	Sydney B. Lewis Abraham Geffen Mortimer Hermel
1926	William Snow Sol. Taubin	1938	Arnold L. Bachman Robert J. Ruby	1948	Norman Simon Sigmund A. Brahms
1927	Albert Kean Samuel Poplack	1939 1940	Lester Freedman Jack H. Levy Nathan Rudner	1949	Emanuel Salzman Victor Kremens
1928	Samuel Sinberg Carye-Belle Henle Benjamin J. Sax	1941	Harold G. Jacobson Abraham Melamed Bernard S. Wolf		William A. Henken Samuel L. Feder Leland R. Felton
1929	Emanuel W. Benjamin Myer E. Golan Charles Lipsky	1942	Joseph W. Kohn (Roentgenology)	1950	Norman E. Berman (Radiotherapy) Myron Melamed
1930	Samuel Richman Isidore Klein		Warren Zager (Radiotherapy)	1951	Harry J. Perlberg, Jr. Yu-Shang Chang
	Saul J. Tamarkin	1943	Richard H. Marshak (Roentgenology)	1952	Sanfurd G. Bluestein
1931	Harry Herscher Simon Shulman Louis E. Zaretzki	1944	Theodore Meranze Laszlo Ehrlich (Roentgenology)		Herbert Fisher Harry Kane Howard S. Miller

^{*} Deceased

[†] Residency interrupted to answer call to Armed Forces

(Continued)

Surgery

			Surgery		
1942	Albert S. Lyons †Bernard E. Simon Elliott S. Hurwitt Daniel Luger Arnold J. Rawson	1947	Bernard P. Robinson Samuel Diener Louis J. Lester Leon D. Star David Elkin	1951	Irving H. Parnes Alfred Pomeranz
1944	Daniel Burdick Paul A. Kirschner Ernest L. Sarason	1949	Stanley L. Lane Leon D. Star Hyman J. Levine David Orringer		Dorothy T. Marks (6 months) Joseph N. Attie (6 months) Melvin B. Victor
1945	Stanley L. Glickman Abraham L. Umansky	1950	Frank Rathauser Milton J. Pearl	1952	(6 months) Nirmal-Chandra R.
1946	David A. Dreiling Selwyn Z. Freed		Lester Steppacher Herman D. Zeifer		Amesur Alvin A. Bakst
	Aaron J. Gissen Robert A. Nabatoff		Julius J. Leichtling (6 months)		David Kramish George Robinson
			Medicine		
1942	Bernard M. Schwartz Emanuel B. Schoenbach		Edward H. Roston Abraham Saltzman		Mortimer E. Bader Richard A. Bader
1943	Alvin J. Gordon Morley J. Kert		Gene H. Stollerman Robert S. Wallerstein		Samuel K. Elster Aaron D. Freedman
1944	- 1 - 11	1949	Stuart S. Asch Mark Eisenbud		Henry H. Ludemann
1945	Reuben Merliss Edwin S. Olsan		Seymour E. Rosenthal		Esar G. Margolin Sanford Pariser
1946			Stanley L. Slator		Marcus A. Rothschild
	Matthew O. Locks		Robert L. Zimmerman Sidney P. Zimmerman		Philip Samet Robert D. Seely
	R. Stanley Bank Nathaniel B. Kurnick		Chester Cassel		Alfred J. Bollet
	Jonas H. Sirota		Donald S. Kent		Ruth E. Cortell
1947	Daniel K. Adler		Ira A. Rashkoff (6 months)		Robert A. Gerber Melville G. Magida
	Morton S. Bryer Mack Fieber		Louis B. Turner		†Joseph G. Parker
	Daniel H. Goodman		Joseph R. Kuh Bernard R. Rowen	1952	(6 months) A. David Etess
	Irving G. Kroop		Louis E. Schaefer	1952	Edwin L. Garlett
	William R. Woolner	1950	Mortimer J. Blumenthal		Stanley E. Gitlow
	Stephen B. Yohalem Henry D. Janowitz		Edward B. Crohn		David J. Hamerman Donald M. Kanter
	Samuel R. Klibanoff		William R. Dorrance		Stanley S. Kogut
0	Karl Paley		Stanley R. Drachman Kurt Elias		Leslie A. Kuhn
1948	Frederick M. Epstein Samuel L. Feder		Joseph Kolker		Sidney S. Schreiber Martin Sternstein
	Leonard W. Jarcho		Marvin F. Levitt		Franklin H. Streitfeld
	Stanley L. Lee		Donald J. Rosenthal Abraham Saltzman		Stanley R. Drachman Samuel K. Elster
	Arthur W. Ludwig Ira A. Rashkoff		Donald S. Kent		Israel Glazer
	Hilliard Spitz		Daniel S. Kushner		Hilliard W. Himes
	Robert M. Berne		Howard L. Moscovitz Edward Schulman		Daniel S. Kushner
	Alfred P. Fishman Sidney R. Michael		Franklin H. Streitfeld		Dorothy T. Marks Howard L. Muscovitz
	Leonard L. Madison	1951	Edward Adelson		Lawrence I. Schwartz

⁺ Residency interrupted to answer call to Armed Forces

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- 2 8	Irma Back Julius Barcham	1950	Leon G. Kamras Abraham J. Levine	1952	Amy V. Mills Paul Kushner
	Jack E. Clare Bernard R. Margolius		Stephanie Shich Bao Cheng Lee		Kailash N. Sharma
	Robert A. Berman Abraham Hochberger		Isidore Zerlin Elliott Jacobson		Arthur Biezunski

Physical Medicine

1947 Leonard J. Yamshon 1948 Bruce B. Grynbaum

Dermatology

	Kai Keng Li		Julian J. Goodman	1952	Salomao S. Amram
1949	Bronia Finkler	1951	Paula Stern		

Psychiatry

1948	Edward D. Joseph		Paul E. Kaunitz		M. Bernard Hecht
	Oscar Sachs		(8. months)	1952	Joseph C. Sabbath
1949	Benedict J. Bernstein	1950	Hyman Bolocan		Hannah Ekaireb
	Geo. W. Naumburg, Ir.	1951	Leonard A. Weinroth		

Urology

1948	Lester Narins	1951	Leonard M.	1952	Murray	B. Pincu
1949	Joseph H. Sherman		Levin-Epstein		†Charles	Kessler
TOFO	Harold A Lear	1051	Joseph I Kaufman			

Neurosurgery

1950 Leonard A. Malis Ralph J. Gro 1951 Paul Teng Samuel Resn (6 months)	
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ADMITTING PHYSICIANS

1908-1911	Max Rosenberg	1929	Samuel H. Averbuck
1912-1913	*H. W. Emsheimer	1930	Herman Zazeela
1914-1915	Daniel Poll	1931	Isidore Schapiro
1916	David Beck	1931-1933	Rose Spiegel
1917-1918	Joseph Harkavy	1934	Herman S. Roth
1919	Asher Winkelstein	1935	Hyman Levy
1920-1921	*Philip Finkle	1936	D. Alfred Dantes
1922	Leon Ginzburg	1937	Alan N. Leslie
1923	Arthur M. Master	1938	Herman I. Kantor
1924	Coleman B. Rabin	1939	Jules L. Whitehill
1925-1927	Lewis E. Persoff	1940	Irving Solomon
1928	Sidney Grossman	1941	Gerson J. Lesnick
	Elmer S. Gais	1942	Selvan Davison

[•] Deceased

[†] Residency interrupted to answer call to Armed Forces

HOUSE STAFF

(As of January 1, 1953)

INTERNS

Medicine and Surgery

Edward H. Bergofsky, M.D. James S. Bernstein, M.D. Herman Black, M.D. Eugene Braunwald, M. D. Albert H. Cline, M.D. Elliott S. Cohen, M.D. Maurice Dunst, M.D. Robert Feldman, M.D. Gabriel Genkins, M.D. Richard W. Goldsmith, M.D. Peter Kornfeld, M.D.

Alfred Lazarus, M.D.
Irwin A. Levinson, M.D.
Amos H. Lieberman, M.D.
Isidore Mandelbaum, M.D.
Joseph Roshe, M.D.
Harold C. Sadin, M.D.
William J. Shapiro, M.D.
Robert Silbert, M.D.
Herman W. Spater, M.D.
Joseph Steg, M.D.
Jonathan W. Uhr, M.D.
Robert L. Wolf, M.D.

Dentistry

Stanley Levin, D.D.S. Paul Levine, D.D.S.

Martin E. Kantor, D.D.S. Benjamin M. Rubin, D.D.S.

Harry Diener, M.D.

Mayer Fisch, M.D.

Daniel S. Feldman, M.D.

Donald K. Adler, M.D.

RESIDENTS

Medicine

Salomao S. Amram, M.D. Gerald Besson, M.D. Marvin R. Blumenthal, M.D. Alfred J. Bollet, M.D. Elaine T. Bossak, M.D. Gerald Brill, M.D. Solomon I. Griboff, M.D. Archie Handler, M.D. Lester B. Hollander, M.D. Jonah D. Kosovsky, M.D. Sherman Kupfer, M.D. Martin Kurtz, M.D. Ernest L. Levinger, M.D. Arnold B. Ritterband, M.D. Herman A. Schwartz, M.D. Eric G. Schweiger, M.D. Robert D. Seely, M.D. Robert L. Segal, M.D. Max G. Sherer, M.D. Richard Thurm, M.D.

Psychiatry

Pediatrics

Virginia E. Pomeranz, M.D. Julian Orleans, M.D. Reuben G. Reiman, M.D. Joseph H. Rosenthal, M.D. Alan S. Zisman, M.D.

Robert H. Marshall, M.D.

Neurology

Nunjo Finkel, M.D. Leonard Harris, M.D. Mannuccio Mannucci, M.D. Walter Sencer, M.D. Hans H. Stroo, M.D. Dermatology

George Kiourtsis, M.D.

Surgery

Stanley S. Brodoff, M.D. Ralph Colp, Jr., M.D. Robert Paradny, M.D. Luis A. Vallecillo, M.D. Harold M. Unger, M.D.

Neurosurgery

Eli Peyser, M.D. M. Bernard Winkler, M.D.

RESIDENTS

(Continued)

Urology

Leonard Biel, Jr., M.D. Ching-Hsien Chiang, M.D. Edward J. Frishwasser, M.D.

Obstetrics and Gynecology

Albert Altchek, M.D.
Alexander Bellwin, M.D.
Herbert Chessin, M.D.
J. Conrad Greenwald, M.D.
Solomon Kaplan, M.D.
Bernard Kredentser, M.D.
Saul Lerner, M.D.
David J. Rose, M.D.
Leonard H. Shapiro, M.D.
Joseph Wallace, M.D.

Ophthalmology

Robert W. Collier, Jr., M.D.

Orthopedic Surgery

Jean-Claude Caron, M.D. Alvin Schwartz, M.D. Norman J. Silver, M.D.

Otolaryngology

Chaim W. Ayzenberg, M.D. Michael R. Bosiacki, M.D.

Anesthesiology

Sidney S. Becker, M.D. Joseph Constantini, M.D. Rowena Li, M.D. Harold Shifrin, M.D. Harold Sobel, M.D. Ernest A. Stern, M.D.

Laboratories

Howard D. Dorfman, M.D. Klaas P. Honig, M.D. Miriam Moldveen, M.D. Joseph K. Perloff, M.D. Mildred Phillips, M.D. J. Lawrence Werther, M.D.

Hematology

Martin Sanders, M.D.

Radiology

Julian E. Abrams, M.D. Joan Eliasoph, M.D. Mansho T. Khilnani, M.D. Harold N. Margolin, M.D. Jack L. Melamed, M.D. Stuart I. Gurman, M.D.

Physical Medicine

Norman Borken, M.D.

Private and Semi-Private Pavilions Surgery

Leonard L. Deitz, M.D. Guatam Diesh, M.D. Joseph Dwek, M.D. Hertzel Kook, M.D. Alvin Lebendiger, M.D. Joseph M. Levin, M.D. Isaak Losecaat Vermeer Arthur E. Schwartz, M.D. Virendra N. Sharma, M.D. Giorgio Zeri, M.D.

Extracts from the Constitution on Establishment of Life, Memorial and Perpetual Beds and Other Funds

- A contribution of \$2,500 to the general funds of the corporation, if accepted by the Board of Trustees, shall establish a Life Bed. Such contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in the wards of the Hospital, free of charge.
- A contribution of \$3,500 to the general funds of the corporation, if accepted by the Board of Trustees, shall establish a Memorial Bed. Such a contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in the wards of the Hospital, free of charge. Such donor may bequeath that right to a successor appointed by the said donor in his or her last will and testament, or by any other instrument under seal. In the event of such successor being appointed, the rights hereinbefore mentioned shall continue for a period of not over fifty years from the date of such contribution, provided, however, that such period shall be extended so that it shall in no event end until ten years after the death of the donor. When a corporation is the donor, the privilege shall expire at the end of twenty-five years from the date of such contribution.
- A contribution of \$5,000 to the general funds of the corporation, if accepted by the Board of Trustees, shall establish a Perpetual Bed in the Children's Pavilion. Such contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in the wards of the Children's Pavilion, free of charge. Such donor may bequeath that right to a successor appointed by said donor in his or her last will and testament, or by any other instrument under seal. In the event of such successor being appointed, the rights hereinbefore mentioned shall continue for a period of not over fifty years from the date of such contribution, provided, however, that such period shall be extended so that it shall in no event end until ten years after the death of the donor. When a corporation is the donor, the privilege shall expire at the end of twenty-five years from the date of such contribution.
- A contribution of \$7,500 to the general funds of the corporation, if accepted by the Board of Trustees, shall establish a Perpetual Bed, but where, under the provision of any will executed prior to March 20, 1921, the sum of \$5,000 or more is bequeathed to the corporation in payment of any Perpetual Bed, the Board of Trustees may, at their option, accept such sum in payment of such Perpetual Bed. Such contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in a ward of the Hospital, free of charge. Such donor may bequeath that right to a successor appointed by said donor in his or her last will and testament, or by any other instrument under scal. In the event of such successor being appointed, the rights hereinbefore mentioned shall continue for a period of not over fifty years from the date of such contribution, provided, however, that such period shall be extended so that it shall in no event end until ten years after the death of the donor. When a corporation is the donor, the privilege shall expire at the end of twenty-five years from the date of such contribution.
- Tablets to commemorate the establishment of Life, Memorial, and Perpetual Beds shall be placed in a ward or in such other place as may be set aside for the purpose. Tablets for Life Beds shall be maintained during the life of the donor. Tablets for Memorial Beds shall be maintained for a period not beyond fifty years from the date of their establishment, provided, however, that such period shall be extended so that it shall in no event end until ten years after the death of the donor. Tablets for Perpetual Beds shall be maintained in perpetuity.
- A donor may change a Life Bed established by him or her to a Memorial Bed by making an additional contribution of \$1,000, or to a Perpetual Bed by making an additional contribution of \$5,000, or may change a Memorial Bed to a Perpetual Bed by making an additional contribution of \$4,000.
- No patient shall be admitted to the privileges pertaining to a Life, Memorial, or Perpetual Bed unless he shall comply with the current rules of the corporation and be a proper subject for treatment under its regulations.
- An endowment for the establishment of any special fund may be accepted by a resolution of the Board of Trustees. Such fund may be created for special or general purposes under the name of one or more persons or otherwise. If created for a special purpose the fund shall be used only for that purpose. Additions to any fund may be made at any time and in any amount, but no fund shall be created with an initial endowment of less than \$10,000.
- Gifts of any sums whatsoever may be made to one or more special funds for non-budgetary purposes, the principal and income of which may be appropriated by the Board of Trustees as the needs may arise for purposes not covered by the regular budget of the corporation.
- In the case of a bequest which does not in all respects conform to the conditions herein set forth, the Board of Trustees may, in its discretion, accept the same in accordance with the provisions of such bequest.









