

## **Annual report of the Peter Bent Brigham Hospital : 1934.**

### **Contributors**

Peter Bent Brigham Hospital.

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PETER BENT BRIGHAM  
HOSPITAL --- BOSTON

TWENTY-FIRST  
ANNUAL REPORT  
FOR THE YEAR 1934



1935

FORM OF BEQUEST

*I give and bequeath to the Peter Bent Brigham  
Hospital, a corporation established under the laws  
of the Commonwealth of Massachusetts, the sum  
of \_\_\_\_\_ dollars,  
the same to be used for the furtherance of its  
charitable work.*



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TWENTY-FIRST ANNUAL REPORT  
OF THE  
PETER BENT BRIGHAM  
HOSPITAL

FOR THE YEAR  
1934



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## President's Report

THE Trustees regret to record the death of Trustee L. H. H. Johnson. He had served the hospital as Trustee and Secretary since its incorporation in 1902 with constant interest and sympathy with its purposes. He was a kind friend and a valued associate.

We also record the loss by death of Dr. Otto Folin, our consulting chemist since 1912. The Hospital has long appreciated the value of his services, which he gave to the great profit of our patients.

During the past year, the Hospital has suffered in its financial resources more than ever before. Its income from endowment has been less, as well as the amounts which the patients in the open ward have been able to pay. It has been necessary to make many economies, and the Board is grateful for the willing cooperation of the staff and of the employees. We also record our gratitude to the large number of public-spirited citizens who have given their time and efforts to raise funds for the charities of Boston.

The Hospital is also grateful for the various gifts which have been received during the year, a list of which is printed on the following pages.

During the past year, Dr. Alfred Stengel served as Physician-in-Chief *pro tem* from April 22 to 28. Dr. Stengel is Physician to the University Hospital in Philadelphia. Dr. Frederick A. Coller of the University of Michigan served as Surgeon-in-Chief *pro tem* from October 19 to November 3.

We thank the members of the Ladies' Social Service Committee for their work in helping to support the



PETER BENT BRIGHAM HOSPITAL

Social Service Department, which has become so essential to the successful treatment of patients in the Hospital. We thank also the staff, the nurses, and the employees for their valued service.

CHARLES P. CURTIS,  
*President.*

DECEMBER 31, 1934.

## Memorial

UPON THE DEATH OF

LAURENCE H. H. JOHNSON

THE members of the Corporation of the Peter Bent Brigham Hospital have to record with profound regret their loss by the death on June 24, 1934, of their associate, Mr. Laurence H. H. Johnson. As trustee under the will of Peter Bent Brigham before the Hospital became incorporated in 1902, Mr. Johnson's services were valuable. Since that date, he has been a member of the Corporation and its Secretary, and has served in both capacities with peculiar faithfulness. His records as Secretary have been a model of precision and clarity without waste of words. The members of the Corporation will feel his loss in their continued effort to promote the great charitable purposes of the Hospital.

## Memorial

UPON THE DEATH OF

OTTO FOLIN

ON October 25, 1934, in the Peter Bent Brigham Hospital, died Otto Folin, Consulting Chemist since 1912. Internationally recognized as a leader in that phase of biochemistry concerned with micromethods of analysis of blood and body fluids, Prof. Folin and his pupils developed technical procedures, utilized daily in the diagnostic and therapeutic management of patients sick of many different diseases.

We at the Peter Bent Brigham Hospital long had the valued privilege of the personal advice of a master of methods, which were in constant use in our clinics, and our patients profited thereby.

We, the staff and members of the Corporation of the Peter Bent Brigham Hospital, herewith record our appreciation of the life and work of Prof. Folin and in sorrow extend to his wife and children our heartfelt sympathy.

# Gifts to the Hospital During the Year 1934

Mr. William Amory, gift to Dr. Cutler to be used by Dr. Cutler for equipment for research or for any other hospital purposes .....	\$ 2,000.00
Mrs. William Amory, gift toward the deficit of the Hospital..	1,000.00
Anonymous (merchandise) .....	50.00
Anonymous gift through Dr. J. P. O'Hare to the Fund for Research in Renal and Vascular Diseases .....	1,000.00
Boston Emergency Relief Campaign final payment on quota for year 1933 .....	2,832.36
Boston Emergency Relief Campaign final payment on quota for year 1933 of the Boston Council of Social Agencies for relief of Overseers' cases .....	.63
Boston Emergency Relief Campaign to be charged against the Campaign Quota of the Boston Council of Social Agencies for relief of Overseers' cases .....	70.40
Committee of the Permanent Charity Fund, Inc., special gift to the Social Service Department for emergency relief including insulin .....	700.00
Committee of the Permanent Charity Fund, Inc., to be used for the general purposes of the Social Service Department...	2,000.00
Mary A. Crabtree Christmas Fund .....	75.00
Mr. Charles P. Curtis, gift to the Fiction Library Fund.....	100.00
Emergency Campaign of 1934 on account of Campaign Quota including Social Service Department .....	70,490.00
Emergency Campaign of 1934 to be charged against the 1934 Campaign Quota of the Boston Council of Social Agencies for relief of Overseers' cases .....	640.00
First Nat'l Bank share of distributable income u/will Samuel Hirschberg .....	39.82
Miss Aimee Lamb for five annual free beds for year 1934...	500.00
New England Trust Company, Trustee u/will Photius Fiske for the benefit of poor and needy colored people.....	200.00
Mr. G. Gorham Peters, gift to the G. Gorham Peters Fund for Traveling Fellowship .....	1,000.00

## GIFTS TO THE SOCIAL SERVICE SPECIAL GIFT FUND

Am. Invalid Aid Society...\$ 20.00	Miss Mabel E. Beals.....	10.00
Anonymous .....	M. C. G. Beede.....	10.00
Mr. John S. Barnet.....	Benton Fund.....	135.00
		3.00

## GIFTS TO THE HOSPITAL

Mrs. J. A. Lowell Blake..	5.00	Georgia Lee—Special .....	15.00
Boston Provident Association .....	40.00	Lend-a-Hand Society.....	140.00
Cambridge Visiting Nurses Association .....	1.10	Mrs. Samuel Levine.....	10.00
Catholic Charitable Bureau	9.65	Mr. George Lewis.....	25.00
Chelsea Free Medical Association .....	4.00	Miss Lillian B. McConnell	25.00
Chelsea Public Welfare....	4.00	Mr. Charles C. Merrill....	5.00
Mr. Henry B. Dalton.....	10.00	Dr. James J. Minot.....	5.00
Deans Discretion Fund of St. Paul's Cathedral... 45.00		Mrs. H. H. Richardson....	15.00
Miss Abigail A. Eliot....	6.00	Miss Hope Richardson....	2.00
Family Welfare Society... 15.90		Miss Mary A. Robinson...	2.50
Mrs. Florence S. Herr....	5.00	Mr. John C. Runkle.....	5.00
Mrs. Eugenia B. Herring..	5.00	St. Vincent de Paul Society	3.50
Miss Julia B. Hill.....	3.00	Mrs. Ella W. Saltonstall..	5.00
Home for Aged Men for outside beneficiaries (given through Miss Christine McLeod).... 172.40		Miss E. L. Shaw.....	5.00
Jewish Family Welfare....	6.00	Mrs. Miriam Shaw.....	50.00
Junior League of Boston, Inc. ....	20.00	Mrs. Helen O. Sprague...	8.00
Mrs. Grace Gordon Latimer	5.00	Miss Gertrude Stevens....	14.00
		Mrs. Elizabeth Underwood	10.00
		Mrs. Wm. Lyman Underwood .....	25.00
		Mrs. Joseph Warren.....	5.00
		Fred'k E. Weber Charities Corp. ....	64.00
		We Ten.....	36.00
		Mr. Raynor G. Wellington	10.00

## Free Bed Fund, 1934

Alexander Cochrane Free Bed .....	\$10,000.00
Walter Hunnewell Free Bed .....	10,000.00
Miss Aimee Lamb (In memory of Mrs. Winthrop Sargent .....	5,000.00
Carrie M. Hall Free Bed .....	7,000.00
(Alumnae Association of the Peter Bent Brigham Hospital School of Nursing)	
Henry Saltonstall Howe Free Bed .....	5,000.00

### FREE BEDS FOR THE CURRENT YEAR

Miss Aimee Lamb .....	\$ 500.00
Boston Firemen's Relief Association .....	200.00
Mr. Charles P. Curtis .....	100.00
Mrs. F. S. Parker .....	100.00

## Report of the Treasurer

A STATEMENT of receipts of income from investments and of payments therefrom out of the office of the Treasurer for the year ending December 31, 1934, is as follows:

### INCOME

#### *Real Estate Receipts:*

Rents .....	\$113,381.91	
Taxes paid by tenants .....	5,660.61	
Receipts from Portland Street power plant .....	895.57	
	<u>          </u>	\$119,938.09

#### *Interest on Investments:*

On bonds .....	\$ 52,402.84	
On mortgages .....	6,205.87	
	<u>          </u>	\$ 58,608.71
Dividends .....	15,019.46	
	<u>          </u>	73,628.17

Total income .....

	<u>          </u>	\$193,566.26
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### EXPENDITURES

Taxes .....	\$ 63,708.12
Building repairs, etc. ....	14,053.34
Portland Street power plant.....	5,357.24
Insurance .....	3,201.66
Brokerage on leases .....	90.00
Salaries .....	6,988.33
Legal expenses .....	837.52
Audit .....	700.00
Safe deposit box rent .....	77.00
Moody's investors' service, one year.	1,200.00
	<u>          </u>

*Amount carried forward*.....\$ 96,213.21

REPORT OF THE TREASURER

Amount brought forward.....	\$ 96,213.21	
Premium Treasurer's Fidelity Insurance bond .....	125.00	
Interest and costs on unpaid taxes...	26.26	
Small miscellaneous expenses.....	13.99	
Bank collection charges .....	5.08	
Federal bank check tax .....	8.82	
	\$ 96,392.36	
Bond premium amortized .....	65.84	
		96,458.20
		\$ 97,108.06
Transfer of income applicable to the following funds for year 1934:		
Harvey Cushing Fellowship Fund..	\$ 1,678.67	
John P. Reynolds Scholarship Fund	125.00	
		1,803.67
		\$ 95,304.39
Net investment income available for Hospital operating expenses .....		
Net payments for Hospital operating expenses as shown by the Superintendent's statement appended .....	\$233,692.54	
Loss in Superintendent's supplies...	7,610.49	
		241,303.03
		\$145,998.64
Deficit of income for year 1934.....		
Gifts for free beds for year 1934 credited to operating expense...\$	500.00	
Gift of Mrs. William Amory to Hospital deficit .....	1,000.00	
Amount received from Emergency Campaign of 1934 applicable to Hospital expenses .....	68,990.00	
		70,490.00
		\$ 75,508.64

PETER BENT BRIGHAM HOSPITAL

BALANCE SHEET DECEMBER 31, 1934

A S S E T S

Land and buildings occupied for Hospital including furniture and fixtures .....	\$2,292,045.59
Mortgages .....	417,307.14

*Land and buildings:*

166/210 Portland Street.....	\$794,436.57	
38/54 Scollay Square .....	494,943.41	
108/114 Lincoln Street.....	149,490.97	
91/95 Portland Street .....	75,957.25	
148/150 Hanover Street .....	60,787.78	
1/7 Sudbury Street .....	60,151.83	
4/12 Cambridge Street ....	56,954.51	
94/8 Arch Street and 13/17 Otis Street .....	166,128.42	
Land corner Albany and Dover Streets .....	106,485.73	
77 East Dedham Street.....	3,668.72	
35 Newcomb Street .....	3,656.74	
9 Andrews Street .....	2,107.66	
13 Andrews Street .....	2,248.39	
83 Village Street .....	4,666.69	
28 Genesee Street .....	7,822.38	
35 Wall Street .....	10,276.92	
83 Brighton Street .....	10,519.67	
33 Poplar Street .....	7,945.15	
20 Lowell Street .....	8,646.13	
38 Oswego Street .....	3,747.47	
21/23 Middlesex Street .....	13,609.12	
		2,044,251.51

*Shares:*

180 shares Atchison, Topeka & St. Fe R. R. Co. common \$	39,474.00
1000 shares Boston & Maine R. R. Co. pfd A stamped..	129,432.68
500 shares Boston & Maine R. R. Co. pfd A unstamped	36,178.76

*Amount carried forward.....* \$205,085.44 \$4,753,604.24

## REPORT OF THE TREASURER

<i>Amount brought forward</i> .....	\$205,085.44	\$4,753,604.24
620 shares Boston & Maine R. R. Co. prior pref. pfd ..	62,422.99	
100 shares Boston & Albany R. R. Co. ....	25,800.00	
524 shares Vermont & Massachusetts R. R. Co. ....	91,700.00	
450 shares Old Colony R. R. Co.	93,150.00	
183 shares Nashua & Acton & Boston R. R. Co. ....	183.00	
300 shares State Street Exchange	25,960.00	
600 shares Boston Real Estate Trust .....	69,937.25	
150 shares Hotel Trust (Touraine)	15,900.00	
150 shares South Terminal Trust	14,175.00	
1000 shares Berkeley Hotel Trust	65,000.00	
400 shares Public Service Co. of N. J. ....	24,570.00	
100 shares Chicago, Milwaukee, St. Paul & Pacific R. R. Co. pfd .....	15,162.70	
600 shares Pennsylvania R. R. Co.	40,773.88	
1500 shares New York, New Haven & Hartford R. R. Co. common .....	28,500.00	
375 shares New York, New Haven & Hartford R. R. Co. pfd .....	37,500.00	
186 shares Pennroad Corporation	2,883.00	
30 shares Albany Trust .....	2,265.00	
18 shares City Associates .....	2,275.00	
50 shares Tremont Building Trust .....	3,240.00	
100 shares New England Tel. & Tel. Co. ....	9,373.75	
200 shares Consolidated Gas Co. of N. Y. common ..	8,680.10	
<i>Amount carried forward</i> .....	\$844,537.11	\$4,753,604.24



PETER BENT BRIGHAM HOSPITAL

<i>Amount brought forward</i> .....	\$844,537.11	\$4,753,604.24
100 shares E. I. Dupont De- Nemours Co. com- mon .....	8,170.05	
100 shares Standard Oil Company of California .....	4,427.55	
101 shares Corn Products Refin- ing Co. common ...	8,920.05	
100 shares Standard Oil Co. of N. J. ....	4,327.55	
200 shares Union Carbide & Car- bon Corp. ....	9,655.10	
100 shares American Can Co. common .....	9,820.10	
200 shares General Motors Corp. common .....	6,830.10	
100 shares Eastman Kodak Co. common .....	9,970.10	
100 shares United Shoe Machinery Corp. common.....	6,586.36	
400 shares The Texas Corp. par. \$25 .....	9,850.10	
		923,094.17

*Bonds:*

\$110,000 American Telephone & Telegraph Co. 5% bonds due 1965....	\$107,759.15
60,000 Chicago, Burlington & Quincy R. R. Co. Ill. Division 3½% bonds due 1949 .....	54,598.00
25,000 Peoples Gas Light & Coke Co. refunding mort- gage 5% gold bonds due 1947 .....	25,855.86
55,000 Interborough Rapid Tran- sit Co. 5% bonds due 1966 .....	53,500.00

*Amount carried forward*.....\$241,713.01 \$5,676,698.41

REPORT OF THE TREASURER

<i>Amount brought forward</i> .....	\$241,713.01	\$5,676,698.41
25,000 Los Angeles Gas & Electric Corp. first & gen'l mortgage gold 5% bonds due 1961	24,940.75	
25,000 New York Central & Hudson River R. R. Co. first mortgage 3½% bonds due 1997 ....	21,875.00	
25,000 Northern Pacific Ry. Co. Prior Lien 4% bonds due 1997 .....	24,781.25	
50,000 Eastern Massachusetts Street Ry. Co. series A 4½% bonds due 1948 .....	41,450.00	
2,500 Eastern Massachusetts Street Ry. Co. series D 6% bonds due 1948 .....		
5,000 Eastern Massachusetts Street Ry. Co. series B 5% bonds due 1948 .....	2,585.00	
25,000 Quincy Market Realty Co. 5% bonds due 1964	25,000.00	
56,800 Pere Marquette Ry. Co. first mortgage 5% bonds due 1956 ...	49,420.00	
3,000 Pennsylvania R. R. Co. 4% bonds due 1948	2,880.00	
50,000 Atchison, Topeka & St. Fe R. R. Co. Trans-continental Short Line 4% bonds due 1958	47,500.00	
20,000 Illinois Central R. R. Co. ref'd mortgage 4% bonds due 1955 ....	17,700.00	
<i>Amount carried forward</i> .....	\$499,845.01	\$5,676,698.41

PETER BENT BRIGHAM HOSPITAL

<i>Amount brought forward</i> .....	\$499,845.01	\$5,676,698.41
50,000 Western Electric Co. gold debt. 5% bonds due 1944 .....	48,297.50	
25,000 Cedar Rapids Mfg. & Power Co. first mort- gage Sinking Fund 5% bonds due 1953	24,250.00	
25,000 St. Louis Iron Mountain & Southern Ry. Co. first mortgage 4% gold bonds overdue	13,815.00	
15,000 Baltimore & Ohio R. R. Co. South Western Div. 5% bonds due 1950 .....	14,887.50	
27,400 Chicago, Milwaukee, St. Paul & Pacific R. R. Co. 5% bonds due 1975 .....	16,215.25	
50,000 City of Toronto, Canada General Consoli- dated Loan debt. 5% bonds due 1941	99,125.00	
20,000 City of Toronto, Canada General Consoli- dated Loan debt. 5% bonds due 1943		
30,000 City of Toronto, Canada General Consoli- dated Loan debt. 5% bonds due 1944		
50,000 Canadian Pacific Railways Equipt. Trust 5% bonds due 1944 ....	49,625.00	
25,000 Erie R. R. Co. refunding & imp. mortgage 5% bonds due 1975 ....	23,875.00	
<i>Amount carried forward</i> .....	\$789,935.26	\$5,676,698.41

REPORT OF THE TREASURER

<i>Amount brought forward</i> .....	\$789,935.26	\$5,676,698.41
50,000 Youngstown Sheet & Tube Co. first mortgage series B Sinking Fund 5% bonds due 1970 .....	44,026.98	
5,000 Pennsylvania R. R. Co. gen'l mortgage 4¼% bonds series D due 1981 .....	4,800.00	
25,000 Pennsylvania Power & Light first mortgage 4½% bonds due 1981	24,062.50	
20,000 Central of Georgia Ry. Co. Chattanooga Div. 4% bonds due 1951 ....	17,500.00	
25,000 Southern California Gas Co. first mortgage & refunding 4½% bonds due 1961 ....	24,062.50	
5,000 Atlantic Gulf & West In- dies Steamship Co. Coll. Trust 5% bonds due 1959 .....	3,500.00	
10,000 Kentucky Traction & Terminal Co. first & ref'd S. F. 5% bonds due 1951 .....	8,650.00	
5,000 United Post Office Cor- poration first mort- gage S. F. 5½% bonds due 1935 ....	5,000.00	
25,000 Gulf States Utilities Com- pany first mortgage & ref'd gold 5% bonds due 1956 .....	18,266.47	
5,000 Associated Gas & Electric Co. debt. 5% bonds due 1968 .....	4,900.00	
<i>Amount carried forward</i> .....	\$944,703.71	\$5,676,698.41

PETER BENT BRIGHAM HOSPITAL

<i>Amount brought forward</i> .....	\$944,703.71	\$5,676,698.41
5,000 New England Power Association debt. 5½% bonds due 1954 ....	4,805.00	
5,000 Great Northern R. R. Co. general mortgage 7% gold bonds series A due 1936 .....	3,625.00	
		<u>953,133.71</u>
<i>Cash:</i>		
Operating Expense Fund .....	\$ 20,000.00	
In banks .....	62,275.76	
		<u>82,275.76</u>
Superintendent's inventories .....		36,003.77
Suspense account .....		2,000.75
		<u>38,004.52</u>
Total assets .....		<u><u>\$6,750,112.40</u></u>

BALANCE SHEET DECEMBER 31, 1934

LIABILITIES AND FUNDS

<i>Reserves:</i>		
For Portland Street Power Plant depreciation .....	\$ 4,076.00	
For depreciation of investment Real Estate .....	105,439.10	
		<u>\$ 109,515.10</u>
Accounts payable unpaid real estate taxes for year 1934 pending abatement of same .....		17,722.67
<i>Unexpended Income:</i>		
Harvey Cushing Fellowship Fund Income .....	\$ 4,503.81	
John P. Reynolds Scholarship Fund Income .....	201.85	
		<u>4,705.66</u>
<i>Special Funds:</i>		
Diabetic Research Fund .....	\$ 17.41	
		<u>17.41</u>
<i>Amount carried forward</i> .....	\$ 17.41	\$ 131,943.43

REPORT OF THE TREASURER

<i>Amount brought forward</i> .....\$	17.41	\$ 131,943.43
Philip H. Gray Fund for the fur- therance of Neuro-Surgery....	16.23	
John P. Reynolds Memorial Fund	1,000.00	
Hemenway Squash Court .....	11,050.00	
Surgical Dressing Fund—donation from the New England Surgical Dressing Committee .....	10,000.00	
Harvey Cushing Fellowship Fund	33,573.44	
John P. Reynolds Scholarship Fund .....	2,500.00	
Radium Fund .....	3,000.00	
Alexander Cochrane Free Bed Fund	10,000.00	
Theodore Lyman Free Bed Fund	1,000.00	
Aimee Lamb Free Bed Fund in memory of Mrs. Winthrop Sar- gent .....	5,000.00	
Walter Hunnewell Free Bed Fund	10,000.00	
Carrie M. Hall Fund.....	7,000.00	
Fund for Research in Renal and Vascular Diseases .....	2,566.65	
Free Bed in memory of Henry Sal- tonstall Howe .....	5,000.00	
Francis Weld Peabody Loan Fund	1,458.29	
G. Gorham Peters Fund.....	2,500.00	
United Unemployment Fund .....	201.90	
Henry Clay Jackson Fund .....	30,000.00	
Social Service Special Gifts Fund	67.46	
William Amory Fund .....	2,000.00	
Fiction Library Fund .....	11.45	
		137,962.83
Peter Bent Brigham Hospital General Fund .....		6,480,206.14
		<u>\$6,750,112.40</u>

EDMUND D. CODMAN,  
*Treasurer.*

## Report of the Superintendent

THIS is the twenty-first report of the Superintendent covering the year 1934. Like every department of this Hospital, and in common with all private charitable hospitals, our thoughts in writing a report are focussed on financial matters and our worries have been lessened to only a small degree by conditions of the past year.

Again, we are glad to report that this part of the country has not been visited by any serious epidemic during the past year calling for increased hospitalization; on the contrary, general conditions in Boston and vicinity have been healthful. In the face of a falling bed occupancy during the depression, the increase last year may be a slight sign of beginning recovery.

There were admitted to the wards last year 4,358 patients as compared with 4,263 in 1933. The number of days' care was 69,372 as compared with 64,642 the previous year. The average bed occupancy was 77+%. Last year it was 72—%. The percentage of free patients fell, but this was largely due to an increase of part-pay patients, who were rated at \$2.10 a week. The average stay in the hospital increased to 16— days from 15+ days.

The per capita cost, based on the total expenditures in all departments (except the amount paid graduate nurses employed at the expense of patients for special duty) was \$7.15 as compared with \$7.60 in 1933. Deducting the cost of operating the private ward and the Out-Door Department, the per capita cost was \$6.06. It was \$6.49 last year. The daily per capita cost of provisions for all persons fed averaged \$.36— as compared \$.32+ in 1933.

## REPORT OF THE SUPERINTENDENT

In the Out-Door Department, 7,571 new patients were seen as compared with 7,976 the previous year. The total number of patients' visits was 83,573. It was 80,272 last year. The fall in the number of new patients seen is explained by the fact that the doctors have required more time for return visits, and that only so many visits can be made, whether old or new, with a limited staff. The loss in new patients was nearly all on the medical service. An attempt to see more new patients is being made by the assignment of an additional physician to the medical service each forenoon. The average cost per out-patient visit was \$.57+. It was \$.57— in 1933.

In the Dietary Department, there has been no change in personnel during the past year. The course for training of student dietitians has been increased from eight to nine months. During the past year, we have graduated six students, all of whom have received positions. The total number of special diets for the year was 11,971, as compared with 12,697 last year. The outstanding diets and numbers were: Diabetic, 2,800; High Vitamin, 2,641; High Caloric, 1,194; Obesity, 1,363. As will be seen by the comparative Expense and Revenue statement, Table IV, the total operating expenses for the year were about \$14,500 greater, of which \$9,000 was due to the increased use of special nurses paid by the Hospital but charged to patients. The expenditures in the Stewards' Department were a little over \$3,000 more. Offsetting the slight increase in operating expenses of the Hospital, the receipts increased \$36,492, so that, for all purposes, we called upon the Treasurer for \$25,833.69 less than the previous year. Again, the Emergency Campaign proved of untold benefit to this as to other charities. Through this Cam-



## PETER BENT BRIGHAM HOSPITAL

paign, we received \$70,540 in cash and a gift from a fund, restricted as to principal, of \$30,000, leaving a deficit for the year to be paid from capital funds of \$45,508.64.

On June 24, 1934, the Hospital suffered a great loss in the death of a member of the Corporation and its Secretary, Mr. Laurence H. H. Johnson. We miss him greatly.

Medical science and the Hospital lost a leader through the death of Dr. Otto Folin on October 25, 1934. Dr. Folin had been our consulting chemist since 1912.

Dr. Charles L. Clay, first assistant superintendent, who had been with us since January 15, 1928, left on March 5, 1934, to become Medical Director of the Long Island Hospital, Boston Harbor, Mass. While the Hospital is the loser, we are glad of Dr. Clay's advancement and assured success in his new position. Dr. Norbert A. Wilhelm, second assistant, was advanced to Dr. Clay's position. Dr. Wilson W. Knowlton, a graduate of Harvard Medical School and Harvard School of Public Health, was appointed second assistant superintendent on March 5, 1935. Dr. Knowlton's knowledge and experience in Public Health work give valuable training for hospital administration.

We are pleased to record that Dr. William P. Murphy received the Nobel Prize this year for his work in pernicious anemia. This was shared with Dr. George R. Minot, our Consulting Physician, and Dr. George Whipple of the University of Rochester, N. Y.

We wish to express our thanks to St. Paul's Industrial Society for the very substantial saving to the Hospital through their making various articles of clothing for us.

We wish also to thank the Gray Ladies of the American Red Cross, who took over the management of our

## REPORT OF THE SUPERINTENDENT

Patients' Library on October 25, 1934. There were circularized from the Patients' Library during the year 4,163 books. Three hundred and thirty-two books were given to the Library; 99 from the Brookline Public Library; 76 from Mr. David Chaisson; 79 from Dr. William C. Quinby; 36 from Mr. William Amory and small numbers from many friends and former patients of the Hospital. Mr. Charles P. Curtis, President of the Corporation, gave \$100 for the purchase of new books.

It seems useless to repeat our many pressing needs for building alterations and interior improvements. They have been recorded from year to year. One which we have not mentioned before is the need for a service entrance to our store from Shattuck Street. As time goes on, delivery trucks grow larger and larger and the annoyance from blocking our automobile and ambulance traffic lines is increasingly voiced by members of the staff who suffer thereby.

We record the cheerful spirit of loyalty from all members of the staff and employees. Their hearty cooperation has helped the administrator during these years of depression. In closing, I wish to again thank the members of the Corporation for their support.

JOSEPH B. HOWLAND,  
*Superintendent.*

DECEMBER 31, 1934.

PETER BENT BRIGHAM HOSPITAL

Table I

(This table is being omitted this year)

Table II

Comparative Tables of Statistics

HOSPITAL WARDS AND SINGLE ROOMS

Patients in hospital first of year :		
	1934	1933
Medical .....	77	75
Surgical .....	91	84
	-----	-----
Total .....	168	159
Patients admitted during the year : <sup>1</sup>		
Medical .....	1,809	1,830
Surgical .....	2,564	2,442
	-----	-----
Total .....	4,373	4,272
Patients treated in hospital wards and private rooms during the year :		
Medical .....	1,886	1,905
Surgical .....	2,655	2,526
	-----	-----
Total .....	4,541	4,431
Patients discharged during the year :		
Well .....	18	84
Improved .....	3,486	3,199
Unimproved .....	334	376
Untreated .....	226	328
Died .....	294	276
	-----	-----
Total .....	4,358	4,263

<sup>1</sup> The apparent discrepancy between these figures and those shown in the summaries of Surgical and Medical statistics on pages 52 and 63, respectively, are explained by the latter tables including transfers from Medical to Surgical and vice versa.

## REPORT OF THE SUPERINTENDENT

Patients in hospital end of year :		
	1934	1933
Medical .....	83	77
Surgical .....	100	91
	183	168
Total patients days' treatment :		
Paying patients .....	27,099	23,448
Part-paying patients .....	22,766	17,459
Free patients .....	19,507	23,735
	69,372	64,642
Percentage :		
Paying patients .....	39+	36+
Part-paying patients .....	33—	27+
Free patients .....	28+	37—
	100	100
Average patients per day :		
Paying patients .....	74+	64+
Part-paying patients .....	62+	48—
Free patients .....	53+	65+
	190+	177+
Medical .....	82+	81+
Surgical .....	108+	96—
	190+	177
Average time per patient in hospital	16—days	15+days
Daily average cost per patient.....	\$7.15+	\$7.60—
Daily cost per capita for provisions for all persons supported .....	.36—	.32+
Patients were admitted as follows :		
Paying regular rate .....	1,799	1,662
Paying less than regular rate...	1,246	1,049
Free .....	1,328	1,561
	4,373	4,272

PETER BENT BRIGHAM HOSPITAL

OUT-DOOR DEPARTMENT

	1934	1933
Number of cases treated .....	7,571	7,976
Medical .....	2,787	3,150
Surgical .....	4,591	4,611
Urological .....	193	215
Number of visits .....	83,533	80,272
Medical .....	42,014	42,303
Surgical .....	35,437	32,708
Urological .....	6,082	5,261
Cost of maintenance of Out-Door De- partment .....	\$47,748.57	\$46,715.77
Daily average cost per patient.....	.57+	.57—

AMBULANCE

Ambulance calls during the year....	495	485
Average calls per day .....	1+	1+
Mileage for patients .....	3,908	3,806
Other business .....	1,664	1,499
	<hr/>	<hr/>
Total mileage .....	5,572	5,305

REPORT OF THE SUPERINTENDENT

Table III

Year	Expenses	Receipts	Number of patients admitted to wards	Total days' treatment	Average stay in hospital	Average cost per patient per day	Daily cost per capita for provisions per day	OUT-DOOR DEPARTMENT				Average cost per visit
								Cost of maintenance	New cases treated	Visits	Average cost per visit	
1913	\$190,510.41	\$36,571.58	1,370	25,157	20—days	\$7.02—	\$0.53—	\$10,081.39	8,347	30,434	\$0.33+	
1914	256,423.25	69,251.23	2,843	49,295	17+days	5.15+	.35—	12,108.39	8,536	36,523	.33+	
1915	269,913.46	88,651.55	3,417	60,242	18—days	4.48—	.33+	16,551.07	9,810	47,687	.35—	
1916	308,413.81	116,519.00	3,712	65,291	18—days	4.72—	.35—	19,140.56	10,995	53,405	.36—	
1917	324,777.80	138,512.48	3,674	65,129	18—days	4.93+	.40—	18,989.10	7,952	45,153	.43—	
1918	321,547.28	154,026.47	4,025	66,669	17—days	4.81—	.44—	20,557.07	7,631	49,972	.41+	
1919	377,253.15	193,741.63	4,282	65,546	15+days	5.76—	.51—	25,033.43	7,862	49,572	.50+	
1920	453,853.94	262,413.29	4,316	69,541	16+days	6.53—	.59—	25,694.39	7,707	52,116	.49+	
1921	483,921.52	301,918.05	4,315	68,556	16—days	7.06—	.47—	28,157.67	8,111	58,014	.49—	
1922	492,676.00	325,667.28	4,685	70,695	15+days	6.97—	.45+	29,510.51	8,801	57,967	.51—	
1923	540,524.41	367,369.45	4,775	74,854	16—days	*6.64—	.47—	32,218.89	8,846	59,336	.54+	
1924	535,531.70	354,083.78	4,658	72,539	16—days	*6.83—	.46+	33,753.42	7,081	60,291	.56+	
1925	557,252.24	365,749.62	4,422	72,411	16+days	*7.12—	.48+	36,188.43	6,192	55,632	.65+	
1926	578,207.16	389,781.57	4,402	75,742	17+days	*6.97—	.48—	35,696.05	7,699	60,671	.59—	
1927	620,177.85	412,568.64	4,607	78,645	17+days	*7.05+	.48+	42,276.58	8,164	57,162	.74—	
1928	636,392.29	431,017.71	4,523	77,691	17+days	*7.25—	.48—	48,802.11	7,849	75,593	.66+	
1929	663,064.84	456,916.54	4,472	78,743	18—days	*7.41—	.49—	53,963.24	7,784	76,523	.71—	
1930	668,047.47	447,258.14	4,121	77,852	18—days	*7.68—	.49—	51,456.67	7,595	71,188	.72+	
1931	668,839.02	418,586.38	4,056	72,256	18—days	*8.00+	.43+	47,962.10	8,173	78,786	.61—	
1932	586,842.91	331,787.15	4,220	68,301	16+days	*7.49+	.36+	46,715.77	7,976	80,272	.57—	
1933	539,977.78	257,739.65	4,272	64,642	15+days	*7.60—	.32+	47,748.57	7,571	83,533	.57+	
1934	542,497.79	294,231.34	4,373	69,372	16—days	*7.15+	.36—					

\* 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933 and 1934 do not include the cost of special nurses.

PETER BENT BRIGHAM HOSPITAL

Table IV  
Expense and Revenue Statement

ADMINISTRATION EXPENSES

	1934	1933
Salaries, officers and clerks	\$32,470.41	\$34,253.74
Office expenses .....	57.50	200.00
Stationery, printing and postage .....	4,801.64	6,347.85
Telephone and telegraph..	8,853.86	9,179.40
Liability insurance .....	1,363.40	2,687.14
Miscellaneous .....	811.86	699.12
<b>Total administration expenses .....</b>	<b>\$ 48,358.67</b>	<b>\$ 53,367.25</b>

PROFESSIONAL CARE OF PATIENTS

<b>Salaries and Wages:</b>		
Physicians and surgeons	\$21,887.09	\$21,081.55
Sup't of nurses and as- sistants .....	8,680.93	8,814.34
Nurses .....	22,882.41	22,057.99
Special nurses .....	31,083.00	22,872.25
Orderlies .....	8,029.29	7,807.66
Druggists .....	6,471.51	6,453.94
Ward employees .....	9,382.56	9,091.06
Clerks .....	14,714.59	15,295.48
Instrument repairs .....	801.20	772.20
	<u>\$123,932.58</u>	<u>\$114,246.47</u>
<b>Training School:</b>		
Salaries .....	\$ 4,375.35	\$ 4,253.33
Supplies .....	2,236.60	2,476.76
	<u>6,611.95</u>	<u>6,730.09</u>
<b>Medical and Surgical Supplies:</b>		
Apparatus and instru- ments .....	\$ 1,355.42	\$ 1,339.80
Medical and surgical supplies .....	26,614.20	25,162.59
Alcohol, liquors and wines .....	1,267.37	1,458.23
	<u>29,236.99</u>	<u>27,960.62</u>
<i>Amounts carried forward</i>	<u>\$159,781.52</u>	<u>\$148,937.18</u>

## REPORT OF THE SUPERINTENDENT

	1934	1933
<i>Amounts brought forward</i>	\$159,781.52	\$148,937.18
<b>Out-Door Department:</b>		
Wages .....	\$19,130.77	\$17,035.94
Supplies .....	15,048.19	15,089.09
	34,178.96	32,125.03
<b>X-ray Service and Photography:</b>		
Salaries and wages.....	\$22,000.78	\$21,348.34
Supplies .....	11,014.53	9,659.46
	33,015.31	31,007.80
<b>Library .....</b>	800.00	800.00
<b>Total professional care of patients' expenses</b>	\$227,775.79	\$212,870.01

### DEPARTMENT EXPENSES

<b>Ambulance:</b>		
Labor .....	\$ 2,156.80	\$ 2,137.64
Supplies .....	1,056.95	697.04
	\$ 3,213.75	\$ 2,834.68
<b>Laboratories:</b>		
Labor .....	\$14,782.55	\$14,631.28
Supplies .....	6,491.80	6,136.21
	21,274.35	20,767.49
<b>Housekeeping:</b>		
Labor .....	\$31,077.52	\$31,135.45
Supplies .....	8,812.70	8,230.81
	39,890.22	39,366.26
<b>Kitchen:</b>		
Labor .....	\$14,696.65	\$14,175.28
Supplies .....	1,066.84	1,300.54
	15,763.49	15,475.82
<b>Laundry:</b>		
Labor .....	\$ 9,545.58	\$ 9,288.54
Supplies .....	1,615.97	1,170.88
	11,161.55	10,459.42
<b>Steward's Department:</b>		
Labor .....	\$ 4,136.37	\$ 4,236.74
<b>Provisions:</b>		
Bread .....	2,625.68	2,202.33
Milk and cream.....	13,644.12	12,354.91
Groceries .....	10,944.52	16,312.13
Butter and eggs.....	10,203.25	7,970.42
Fruit and vegetables..	10,053.27	8,715.55
Meat, poultry and fish.	19,839.96	16,886.75
	71,447.17	68,678.83
<b>Total department expenses</b>	\$162,750.53	\$157,582.50



## PETER BENT BRIGHAM HOSPITAL

### GENERAL HOUSE AND PROPERTY EXPENSES

	1934	1933
Electric department .....	\$ 4,116.92	\$ 4,340.86
Heat, light and power.....	56,986.61	56,163.69
Fuel .....	.....	11.50
Gas .....	3,097.24	2,893.68
Insurance .....	115.42	2,554.70
Water .....	4,649.54	4,371.42
Maintenance real estate and buildings .....	11,570.49	12,176.26
Maintenance machinery and tools .....	1,783.05	82.52
Plumbing and steam fitting	6,219.62	6,435.52
Total general house and property ex- penses .....		
	\$ 88,538.89	\$ 89,030.15

### EXPENSES FROM SPECIAL FUNDS

Christmas Fund .....	\$ 75.00	\$ 15.00
Reynolds Scholarship Fund	125.00	125.00
Special Permanent Charity Fund .....	700.00	.....
Social Service Fund.....	2,253.66	3,582.58
United Unemployment Fund .....	672.00	821.94
Social Service Special Gift Fund .....	1,426.59	1,837.55
Diabetic Research Fund...	21.08	51.54
Phillip Gray Fund .....	5,248.35	13,250.96
Renal and Vascular Dis- ease Fund .....	839.08	1,663.01
Surgeon-in-Chief Fund....	1,200.00	1,750.28
Permanent Charity Fund..	2,000.00	2,000.00
Fiction Library Fund.....	88.55	.....
Total expenses from Special Funds .....		
	\$ 14,649.31	\$ 25,097.86

### CORPORATION EXPENSES

Salaries, officers and clerks .....	.....	.....
Miscellaneous .....	.....	\$ 624.00
Total corporation ex- penses .....		
	.....	\$ 624.00

## REPORT OF THE SUPERINTENDENT

### CAPITAL EXPENSES

	1934	1933
Out-Door Department alterations .....	\$ 424.60	.....
Metric gas machine.....	.....	\$ 494.61
Lights in operating room.. ..	.....	911.40
<hr style="width: 50%; margin: 0 auto;"/>		
Total capital expenditures .....	\$ 424.60	\$ 1,406.01

### SUMMARY

#### EXPENSES

	1934	1933
Total administration expenses .....	\$ 48,358.67	\$ 53,367.25
Total professional care of patients' expenses.....	227,775.79	212,870.01
Total department expenses .....	162,750.53	157,582.50
Total general house and property expenses.....	88,538.89	89,030.15
<hr style="width: 50%; margin: 0 auto;"/>		
Total hospital expenses .....	\$527,423.88	\$512,849.91
Corporation expenses .....	.....	624.00
Capital expenditures .....	424.60	1,406.01
<hr style="width: 50%; margin: 0 auto;"/>		
	\$527,848.48	\$514,879.92

#### SPECIAL FUNDS:

Reynolds Scholarship Fund .....	125.00	125.00
Social Service Fund .....	2,253.66	3,582.58
United Unemployment Fund .....	672.00	821.94
Social Service Special Gift Fund .....	1,426.59	1,837.55
Diabetic Research Fund .....	21.08	51.54
Gray Fund .....	5,248.35	13,250.96
Renal and Vascular Disease Fund .....	839.08	1,663.01
Fiction Library Fund .....	88.55	.....
Surgeon-in-Chief Fund .....	1,200.00	1,750.28
Permanent Charity Fund .....	2,000.00	2,000.00
Special Permanent Charity Fund .....	700.00	.....
Christmas Fund .....	75.00	15.00
<hr style="width: 50%; margin: 0 auto;"/>		
Grand total .....	\$542,497.79	\$539,977.78

#### REVENUE

	1934	1933
Administration receipts...	\$ 1,354.50	\$ 1,548.06
Professional care of patients:		
Board of private room patients .....	\$66,545.46	\$54,732.38
<hr style="width: 50%; margin: 0 auto;"/>		
<i>Amounts carried forward</i>	\$66,545.46	\$54,732.38

PETER BENT BRIGHAM HOSPITAL

	1934	1933
<i>Amounts brought forward</i>	\$66,545.46	\$54,732.38
Board of ward pay patients .....	82,672.55	73,747.74
Special nurses .....	35,047.60	28,418.00
Out-Door Department..	45,901.61	44,038.13
Photography and X-ray.	35,798.56	32,426.09
Miscellaneous .....	25,323.49	21,240.73
	<u>\$291,289.27</u>	<u>\$254,603.07</u>
Department Receipts:		
Ambulance .....	1,587.57	1,588.52
Total hospital receipts....	<u>\$294,231.34</u>	<u>\$257,739.65</u>
Cash from Treasurer:		
Current expenses.....	\$233,192.54	\$255,734.26
Reynolds Scholarship Fund .....	125.00	125.00
Social Service Fund....	2,253.66	3,582.58
United Unemployment Fund .....	672.00	821.94
Social Service Special Gift Fund .....	1,426.59	1,837.55
Diabetic Research Fund.	21.08	51.54
Gray Fund .....	5,248.35	13,250.96
Renal and Vascular Disease Fund .....	839.08	1,663.01
Fiction Library Fund...	88.55	.....
Surgeon-in-Chief Fund..	1,200.00	1,750.28
Permanent Charity Fund	2,000.00	2,000.00
Special Permanent Charity Fund .....	700.00	.....
Christmas Fund .....	75.00	15.00
Additional equipment....	424.60	1,406.01
	<u>248,266.45</u>	<u>282,238.13</u>
Grand total .....	<u>\$542,497.79</u>	<u>\$539,977.78</u>

Statement of Stock on Hand

	1934	1933
Administration supplies .....	\$ 4,440.76	\$ 3,914.18
Professional care of patients' supplies.	16,862.93	17,294.62
Department supplies .....	13,601.80	21,123.40
General house and property supplies...	1,098.28	1,282.06
	<u>\$36,003.77</u>	<u>\$43,614.26</u>

## Report of the Roentgenologist

THE function of a teaching hospital is threefold, the care of the sick, research and investigation, and the training of young men in medicine, surgery and the specialties. Let us briefly sum up what the X-ray Department has done during the past year in these three directions.

1. The department has done its share in the field of diagnosis, as 8,756 separate diagnostic examinations were made during 1934. In addition there were 1,830 X-ray treatments given, making a total of 10,586 patients examined or treated. All through the year efforts were made to cut down the number of X-ray examinations on both medical and surgical services in order to reduce the expenses, but in spite of these endeavors there were a thousand more patients handled than in 1933. Other economies, however, were more effective, so that in spite of the increased number of patients examined, there was no increase in the number of X-ray films used; the total of 17,670 films giving an average per patient of 1.66 films, which compares well with the usual ratio of 2.5 films per patient. The increase in the patients has come equally from medical and surgical services, and from both the wards and the O. D. D. Probably the most striking increase is in the number of treatments given, higher by 28% than in any previous year. This is due to two things, one the practice of giving divided doses to avoid roentgen sickness as much as possible, and the other to a change in the attitude of the staff, particularly on the surgical service, who are referring more patients for X-ray therapy. The present number is near the capacity of our present

rather antiquated equipment and we shall need very shortly either another machine, or, better, a new machine which can give the same treatment in a much shorter time, do it more accurately, more safely and with much more comfort and benefit to the patient. The X-ray therapy is becoming a more important part of our department, accounting for 17% of the work for last year, whereas it formerly amounted to only 10%. This natural development should be encouraged by the purchase and installation of adequate and satisfactory equipment as soon as possible.

The character of the diagnostic work has not changed since last year, including all branches except children's and maternity work. The quality is thought to be a little better, as minor refinements and improvements are constantly being incorporated.

2. The report as to the second function, research and investigation, is a sorry one. There has been no time, no equipment and no space available for any experimental work such as we would like to do. Minor technical experiments have been made with the cooperation of several manufacturers who have loaned us new equipment to be tried out. One of these was a "condenser machine" of new type similar in principle to a storage battery, with which extremely rapid exposures could be made, as well as routine work at longer exposures. After several modifications we found this to be a very satisfactory machine, and as it is cheaper to produce, simpler in design (doing away with a motor) and easier to install, it should be the standard machine in the future. The other noteworthy equipment tried out was the shock-proof radiographic outfit which does away with all danger of death from electrical shock—another important advance and one which will in time become standard. No doubt all X-ray equipment, diag-

## REPORT OF THE ROENTGENOLOGIST

nostic, therapeutic and even portable X-ray machines, will eventually be shock-proof, adding a very important factor of safety to our work.

There has been some "clinical research" during the past year, work done along with the routine work and after hours, chiefly on calcification in the heart valves and the coronary arteries, some of which has been collected and published. A second problem has been carried on from previous years, the radiotherapy of brain tumors, and it is not yet complete. Enough results have been obtained, however, to establish the working basis that all medulloblastomas of the cerebellum are to be treated by radiation alone, if the diagnosis can be made, and the test of radiotherapy is to be used to aid the diagnosis in doubtful cases, as these tumors are extremely susceptible to radiation. Similarly the pituitary adenomas are to be given the test of radiotherapy, to avoid operation if possible, sufficient evidence having been accumulated to indicate the feasibility of this plan. Other contemplated investigations have been postponed, but we have been able to aid the work of colleagues in many small matters.

3. The story of teaching and training is soon told. The teaching of students is not important *per se*, as roentgenology is primarily a subject for post-graduate study. However, each third-year student gets a course of twelve hours in one of the three hospitals and gains at least a speaking acquaintance with X-rays. The fourth-year elective course of one month has again been popular and gives the men considerable material not only in X-ray but also in the necessarily coordinated medicine, surgery and pathology. The training of graduates for the specialty of radiology is much more important. This service was at first for only one year,

## PETER BENT BRIGHAM HOSPITAL

later as at present for two years, and now it has been decided by the Advisory Board for the Medical Specialties of the A. M. A. that a three-year course shall be required, preceded by at least one year's internship in medicine or surgery. This proposed course is to include special work in pathology, anatomy and physics, not given at present, and there are numerous other requirements attempting to elevate the plane of the specialties, to attract the better men into the specialties, and to reward them for their longer and harder courses of training. It is to be hoped that we can do our share to promote this definite advance in the training of specialists. It is conceivable that arrangements could be made with the medical school to carry some of the burden of this post-graduate training, or that an endowed fellowship could be obtained to assist the men undertaking this course. It would be no more than just if the medical school could be persuaded to give a special degree to the men who pass such a course satisfactorily.

In company with many commercial concerns we may also report a decrease in the "net loss" for 1934. There was an appreciable increase in income, so that in spite of increased expenses due to unavoidable replacements the deficit was cut from \$2,000 to \$200, and there is every reason to hope that by the end of 1935 it will be replaced by a surplus as in previous years.

The personnel of the department has undergone the usual changes in that Dr. C. C. Hamilton completed his two-year term and has entered the private practice of his specialty in Boston. Dr. W. W. Bryan was promoted to the position of assistant resident and Dr. W. W. Vaughan, a graduate of Jefferson Medical College with internship at Geisinger Memorial Hospital, Danville, Pa., was awarded the position as House Offi-

REPORT OF THE ROENTGENOLOGIST

cer in Roentgenology. Miss Mildred Johnson resigned her position as head nurse to enter pre-natal clinic work in Springfield, Mass. Her place has been filled by Miss Henrietta Decrow, a P. B. B. H. graduate of 1933. The staff otherwise remains unchanged, and the equipment is also unchanged.

MERRILL C. SOSMAN,  
*Roentgenologist.*

DECEMBER 31, 1934.

TABULATION OF DATA, FIVE-YEAR INTERVALS

YEAR	Ward	O. D. D.	Private	Others	Totals	X-ray Treatments	Films Taken	Dental Films	Alpine Lamp
1919	2,511	2,812	143	136	5,600	43	11,067	2,200	.....
1924	3,869	3,283	1,031	200	8,383	916	15,408	3,530	1,097
1929	5,092	4,606	1,296	524	11,518	1,277	27,842	3,603	1,476
1934	4,092	4,942	1,047	505	10,586	1,830	17,669	4,266	674



## Report of the School of Nursing

THE year ends with the following staff of graduate and student nurses:

Superintendent of Nurses and Principal, School of Nursing .....	1
Assistant Superintendent of Nurses.....	1
Instructors .....	2
Supervisors .....	4
Night Supervisors .....	2
Graduate Head Nurses and Assistants in Departments .....	16
Graduate Nurse Anesthetists .....	3
Graduate Nurses—X-ray Department.....	3
Graduate Floor Duty Nurses .....	3
Masseuse .....	1
Student Nurses .....	131

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167

Fifty-four students entered. Thirty-one have been graduated. Fifteen have withdrawn.

The Children's Hospital has continued to maintain its affiliation for nursing care of adults.

The twentieth annual graduation exercises were held November 23 in the Assembly Hall at Simmons College. Mr. Curtis, President of the Corporation, presided, and announced the graduates of whom there were thirty-eight. The Dr. John P. Reynolds gold medal for general efficiency was awarded to Elizabeth Kerr, B.S., a student in the five-year combined course with Simmons College, and the John P. Reynolds scholarship for highest rank at the end of the second year was awarded to Miriam Dolly Rand, A.B., by Dr. Howland on behalf of the Corporation. Miss Sally Johnson,

## REPORT OF THE SCHOOL OF NURSING

R.N., B.S., Principal of the Training School for Nurses at the Massachusetts General Hospital, made the address, and was awarded an honorary diploma and pin of this School of Nursing by Mr. Curtis on behalf of the Corporation, in recognition of her services to the Hospital and School of Nursing as first instructor in Principles and Practice of Nursing and first Assistant Superintendent of Nurses, October, 1912, to December, 1916. Presentation of a portrait of the Principal of the School was made by Elsie Sayles Chase, 1921, President of the Alumnæ Association of the School of Nursing. This was the gift of the graduates and students of the School. It was accepted by Mr. William Amory, a member of the Corporation and Chairman of the Advisory Committee to the School of Nursing.

The economic instability of the times is shown in the number and preparation of applicants, and in the length of time they remain in the School. There are more and better prepared candidates than ever. Many have prepared for teaching or other professions, are not able to secure positions in those fields, and turn to nursing as a means of securing further education at a moderate expense. Very frequently they withdraw after they have been accepted. In September a class of thirty-five was admitted. In order to build it up, fifty-five had been accepted. Of those who enter, some are dropped and many withdraw. If an opportunity comes to secure a position in the field which was their first choice, they at once resign. The School has shrunk one-third on an average, but the percentage of losses is greater at present.

The most important change in policy during the year is the new arrangement with Simmons College which, so far as this School is concerned, will not take effect

until September, 1936. The change will not affect the three-year course. It will mean abolishing the five-year course as it is now conducted, and the substitution of the new five-year program as outlined by the Director of Nursing at Simmons College. The name of the School at Simmons has been changed from "School of Public Health Nursing" to "School of Nursing," public health becoming only one feature of the program. It will be the purpose of Simmons College in this five-year curriculum to provide a liberal college education and professional preparation. Its affiliations will continue with the same schools as before, and perhaps some additional ones. The entire program will be directed from the College. It would seem to be much sounder, educationally, than the old plan. It has been endorsed by the Advisory Committee to the School of Nursing, and adopted by the members of the Corporation.

Another event of this year has been the installation of the eight-hour day for special duty nurses. This has been adopted by about fifteen hospitals in and around Boston, and has been very helpful in the distribution of work among special duty nurses. This is not a School of Nursing problem, but employment is one which immediately confronts every student as soon as she is graduated.

It is noticeable that, for the most part, nurses with the best preparation are the ones to secure positions most readily. Each of the students graduating in the five-year course in this class has already secured either a teaching position or a public health nursing position. Four of the three-year group have already secured public health nursing positions. These are the nurses who had the four months' affiliation in public health nursing. Many graduates do private duty nursing and

REPORT OF THE SCHOOL OF NURSING

hospital specialling from choice, but many others register for this work because they are unable to secure permanent positions. On November 18, twelve nurses were on special duty in the Hospital. There were thirty-three nurses on call. These figures need no comment.

CARRIE M. HALL,  
*Superintendent of Nurses and  
Principal, School of Nursing.*

DECEMBER 31, 1934.

## Report of the Social Service Department

As an economic measure the Social Service Department has been asked to write a condensed report of its work. During the year 1934 there were 1,587 patients aided by Social Service. The services on the Surgical Service were particularly heavy; the Follow-up Clinic in the Out-Door Department has required a good deal of time, 2,288 cards were sent to patients, 239 letters to doctors, 403 letters to patients by a clinic secretary. There were 1,191 clinic visits—the Tumor Clinic had 584 clinic visits. The social worker is in the Tumor Clinic and available to those coming to the Follow-up Clinic.

The total membership in the Cardiac Clinic was 647. There were 21 more new patients than in 1933. In the organization of the Luetic Clinic the prime purpose has always been the most careful and scientific treatment possible of the disease. With three junior house officers treating a few number of patients, careful treatment and more personal contact and attention is allowed the patient, with the assistance of Social Service. Total number of patients, 465. Men, 234; women, 231. Total number of letters sent, 948. Total number of visits, 7,830. Men, 3,757; women, 4,073.

The Arthritic Clinic has presented many problems as usual. There was a total of 213 patients treated in the Clinic.

There were 1,048 visits to the Diabetic Clinic the past year. Social Service has been active in supplying insulin to patients unable to pay for their own. Stu-

## REPORT OF THE SOCIAL SERVICE DEPARTMENT

dent dietitians have been most helpful in making follow-up calls to instruct patients showing a considerable amount of sugar or those who did not seem to understand the routine régime instruction given in the Clinic. A clinic secretary has been supplied the Dental Clinic throughout the year. This is a very busy clinic and many requests for artificial dentures come to the Social Service Department. Total visits to clinic during year—2,175. No social worker was in the Gastro-Intestinal Clinic as it was reorganized into a small group for intensive study. Any patient needing social service was referred to the worker on the Medical Service. A clinic secretary was supplied to the Blood Clinic and Dr. Burnett's Clinic, one morning a week.

The Red Cross Motor Corps gave much valuable assistance as it has done for the past few years in the transportation of patients unable to travel by street car. As in past years students from Simmons College School of Social Work were sent here for supervised field work. Volunteers from the Junior League, Inc., of Boston have served as volunteer workers in several of the clinics.

Miss Thekla Andren, who gave so many years of faithful service in the Cardiac Clinic, resigned in May to take a position at Chickering House as Head Resident.

Miss Bernice Tobias resigned in November to take a position at the Beth Israel Hospital. The Ladies' Committee held meetings once a month at the Hospital at which the Staff of Workers gave reports of their activities.

The Young Men's Christian Union, "Country Week," has generously supplied us with car tickets for our patients. At Christmas time we were generously re-

## PETER BENT BRIGHAM HOSPITAL

membered by the Lotta Crabtree Fund with a gift of \$75 for Christmas baskets and also by the Waldorf Company who contributed 75 tickets for Christmas dinners.

Two thousand eight hundred ninety-nine dollars and forty-five cents (\$2,899.45) was given to the Social Service Department during the year for relief; \$710.40 from the Emergency Relief Campaign, \$700.00 from the Special Permanent Charity Fund and \$1,499.05 from other agencies and friends. The money from the Unemployment Fund was used for patients aided by the City, the greater part being used for surgical appliances. That from the Special Permanent Charity Fund was used for surgical appliances and medical relief for those patients not on the Welfare. Money for the Special Gift Fund was raised for individual patients and families to supply convalescent care, nursing care, surgical appliances, financial aid, clothing and extra nourishment.

### STAFF OF WORKERS

#### General Service

ALICE M. CHENEY, R.N.

#### General Medical Service—Arthritic Clinic

MARGERY L. CROTHERS

ANNA P. REVERE (Volunteer, Arthritic Clinic)

#### Surgical Service—Tumor Clinic

BARBARA B. HALL, A.B., M.S.

#### Cardiac Service—General Medical

MRS. LOUISE S. LAWSON, A.B., M.S.

LANSDALE WATSON (Volunteer, Cardiac Clinic)

#### Luetic Clinic

BERNICE TOBIAS, A.B.

MRS. FRANCES K. WALD (Nov.-Dec.)

REPORT OF THE SOCIAL SERVICE DEPARTMENT

Clerical Staff

ADDIE M. COOLIDGE, also Luetic Clinic and Follow-up  
KATHLEEN O'TOOLE, also Follow-up Clinic  
OLGA CAUHAPE, also Dental Clinic, Arthritic Clinic  
(Wednesday a.m.)

General Volunteer Service

ESTHER ATWILL  
AMY LANG  
MRS. FRANCES SHAW  
CAROLINE HALL  
KATHERINE NOYES

ALICE M. CHENEY, R.N.,  
*Chief—Social Service Department.*

DECEMBER 31, 1934.





# Report of the Pathologist

THE figures for the Department are as follows:

Autopsies, Medical Service .....	124
Autopsies, Surgical Service .....	96
	<hr/>
Total number of autopsies recorded .....	220
Reports on surgical specimens .....	1,645
Reports on bacteriological specimens .....	1,576
Guinea pig inoculations for suspected tubercu- losis .....	275
Ascheim-Zondek tests .....	97
	<hr/>
Total .....	3,593

The percentage of autopsies for the year, excluding cases taken over by the Medical Examiner, is 74—% for the entire Hospital; for the Medical Service 73—%, Surgical Service 76—%.

Changes in the staff in the last year were as follows:

Dr. Robert E. Gross succeeded Dr. George M. Hass as Resident Pathologist, September 1, 1934.

Dr. David I. Rutledge succeeded Dr. Orville T. Bailey as House Officer, July 1, 1934, for a period of one year.

Dr. Darrell Ayer was appointed House Officer, November 1, 1934.

Dr. Frederic W. Rhineland, 2nd, was appointed voluntary graduate assistant for one year, October 1, 1934.

Dr. George M. Hass is now a Junior Fellow of the Society of Fellows in Harvard University. After three years' work in chemistry and collateral sciences he will resume research work in Pathology.

Publications printed during 1934 are:

WOLBACH, S. BURT, MENKIN, VALY, and MENKIN, MIRIAN S.,  
M.A. Formation of Intercellular Substance by the Ad-

## REPORT OF THE PATHOLOGIST

- ministration of Ascorbic Acid (Vitamin C) in Experimental Scorbutus. *The American Journal of Pathology*, Vol. 10, No. 5, September, 1934.
- FROTHINGHAM, C., and HASS, G. M. Rupture of Normal Chordæ Tendinæ of the Mitral Valve. *The American Heart Journal*, Vol. 9, pp. 1-8, 1934.
- MACMAHON, H. E., CLOSE, H. G., and HASS, G. M. Cardio-Vascular Renal Changes Associated with Basophil Adenoma of Pituitary. *American Journal of Pathology*, Vol. 10, pp. 177-191, 1934.
- HASS, G. M. Chordomas of the Cranium and Cervical Portion of the Spine. *Archives of Neurol. and Psychiatry*, Vol. 32, pp. 300-327, 1934.
- SCHNITKER, M. A., and HASS, G. M. A Histologic Study of the Liver in Patients with Peptic Ulcer. *American Journal of Digestive Dis. and Nutrition*, Vol. 1, pp. 537-543, 1934.
- LADD, WILLIAM E., and GROSS, ROBERT E. Congenital Malformations of Anus and Rectum; Report of 162 Cases. *American Journal of Surgery*, Vol. 23, pp. 167-183, 1934.
- PATTERSON, ROBERT S., and GROSS, ROBERT E. Adenocarcinoma of the Stomach; Case Occurring in a Man 27 Years of Age. *New England Journal of Medicine*, Vol. 210, pp. 1161-1163, 1934.
- ZOLLINGER, ROBERT, and GROSS, ROBERT E. Traumatic Subdural Hematoma; An Explanation of the Late Onset of Pressure Symptoms. *Journal American Medical Association*, Vol. 103, pp. 245-249, 1934.
- LADD, WILLIAM E., and GROSS, ROBERT E. Intussusception in Infancy and Childhood; A Report of 372 Cases. *Archives of Surgery*, Vol. 29, pp. 365-384, 1934.
- BAILEY, ORVILLE T. Fibro-Sarcoma of the Male Urethra. *Journal of Urology*, Vol. 32, pp. 103-114, 1934.
- BAILEY, ORVILLE T. Argentaffinomas of the Gastro-Intestinal Tract, Benign and Malignant. *Archives of Pathology*, Vol. 18, pp. 843-864, 1934.

S. BURT WOLBACH,  
*Pathologist.*

DECEMBER 31, 1934.

## Report of the Surgeon-in-Chief

THIS abbreviated report represents better than written words the dilemma which the "depression" has brought to endowed institutions. For here we can visualize the stringency which makes small savings important and which, therefore, bespeaks the ramifications to which an attempt to live within one's budget can carry us. But there is good in all evil, for in our case the fact that the Hospital has in the last three years shared in the Emergency Campaigns in Boston should bring us great satisfaction. In the last three years we shall have received around \$75,000, \$100,000 and \$100,000 plus. All who serve the Brigham Hospital in any capacity must be deeply grateful for these great gifts. It is still true that deficits calling for further infringements of capital are continuing, though fortunately in constantly decreasing amount, so that we can anticipate shortly a balancing of the budget. At the same time, we must remember that this balancing of the budget is accomplished only with great curtailment in our hospital life. It has meant stringent cuts in salary, a serious reduction in the funds available for replacing obsolete, antiquated and broken apparatus and equipment; it has necessitated dispensing with many old and faithful retainers, and the establishment of the cafeteria system of service in the Hospital. All of the changes which have been made and which have caused added work under less desirable circumstances with each cut, have been borne with the greatest devotion and fortitude by the Hospital personnel. The Trustees, who under the circumstances would be derelict in their duty did they not make every attempt to balance their budget, have in these cuts been

## REPORT OF THE SURGEON-IN-CHIEF

as thoughtful as possible for the good name and reputation of the Hospital and have asked the Executive Committee of the Staff to make only such curtailments as would not jeopardize the high standard of professional care of patients always lived up to in this institution. For this attitude the professional staff is extremely grateful.

During this year there have been no important changes in senior personnel and no great changes in the organization within the Hospital. We had the rare pleasure of having with us as Surgeon-in-Chief *pro tempore* for two weeks in October of 1934 Professor Frederick A. Collier of the University of Michigan. He brought to us, as only a real teacher can, a freshness of spirit, a devotion to the details of the care of patients, and a friendly relation with our house staff which made his visit a very valuable and happy occasion.

In the summer of 1934 Dr. Harlan F. Newton moved out of his former office in the Out-Door Department, and took up quarters with his brother, Dr. Francis C. Newton, in the Longwood Medical Building. Dr. Robert Zollinger, who had completed his tour as Resident Surgeon, moved into the O. D. D. office to take over a large share of Dr. Newton's teaching responsibilities which he had carried on so well for many years. It seems only proper that we should thus shift our junior personnel in the O. D. D. from time to time, for the burden of third-year teaching is a great one and consumes an enormous amount of time and energy, so that a fresh outlook is difficult to maintain under the load imposed. Dr. Newton has meanwhile continued in his other hospital capacities and has assisted in the third-year teaching so that there has been continuity of effort.

## PETER BENT BRIGHAM HOSPITAL

There has been one small change in the routine organization of the surgical staff in that the Surgeon-in-Chief has taken over the entire ward responsibilities this year for one month in every four, which insures him an adequate and intimate contact with the clinical clerks and with each interne in all of his various capacities as laboratory man, junior and senior. The other months have been divided between Drs. Cheever, Homans and F. C. Newton, with the further change that the surgeon on duty on the public ward no longer teaches the clinical clerks at rounds, for another member of the staff is assigned to this arduous task. It had seemed to me for several years that the job of running the public wards was enough for any one individual and that the man on duty was often too tired or too much taken up with the care of his routine labors to give thorough-going ward rounds which would be sure to cover all the necessary topics that each group of clinical clerks should see. The new system, though it lacks somewhat in continuity, bringing different surgeons to the wards each month, has brought a sprightliness to the clinical clerk teaching that has heretofore been wanting; and the fact that our house staff is continuous and the Chief Surgeon always available has insured a sufficient continuity of effort to make safe the care of our patients.

CHANGES IN PERSONNEL. There have been a few changes in the *Senior Staff*: (1) the resignation of Dr. Louise Eisenhardt, who moved to Yale University and the New Haven Hospital at the time that Dr. Cushing's collection of brain tumors was moved there in order that a brain tumor registry should be set up; (2) the resignation of Dr. John C. Eckels, who had been Junior Associate in Urology, and who has begun the private

## REPORT OF THE SURGEON-IN-CHIEF

practice of surgery in Lisbon, N. H.; (3) the resignation of Dr. William V. Cox, who has gone to Lewiston, Me., where he is eventually to join the staff of the Central Maine General Hospital under auspicious circumstances. (4) The only acquisition to the Senior Staff has been the appointment of Dr. Robert Zollinger as Junior Associate in Surgery.

The *House Staff* personnel is listed at the end of this Annual Report and the changes which have occurred can be found there. We deeply regret that formal notice cannot be made here of where our graduates have gone and of the shifting of internes, Assistant Resident Surgeons, and Fellows, as this institution has always taken the greatest interest in its instructional duties. It is to be noted that the turnover has followed its normal course and that three additional Research Fellows participated in our investigations in the past year.

INVESTIGATION. During the year of 1934 an unusual number of investigations have been conducted in the Laboratory of Surgical Research in the Harvard Medical School and in the Surgical Laboratory in the Hospital. The Surgeon-in-Chief Fund, donated by Dr. Harvey Cushing, has been of the greatest value in furthering our Hospital researches, for the Harvey Cushing Fellow who heads our Surgical Laboratory is able to conduct clinical investigation not only along the lines of his problems but, by being in charge of blood chemical analyses and the skin temperature room, and available for use in O. D. D. clinics, has greatly added to the efficiency with which clinical work has been accomplished.

We are particularly grateful for a very considerable gift from Mr. William Amory, one of our Trustees, to be expended by the Surgeon-in-Chief for anything that

he desires. In view of the financial difficulties in the Hospital, a part of this has been utilized for acquiring apparatus, but the major sum has gone into furthering laboratory investigations within the Hospital. It is hoped that from time to time such funds may be added to, since the problems that arise in the wards so frequently need further elucidation through laboratory investigation.

The major investigations have been of two types: (1) investigations both in our Surgical Laboratory in the Hospital and in the Laboratory of Surgical Research in the Harvard Medical School which have related to the problem of total thyroidectomy; and (2) various investigations in the Laboratory of Surgical Research that have demanded animal experimentation entirely for their elucidation. The scope and type of investigations cannot be enumerated here, but several problems already completed will be found in the list of publications for the year 1934. It is apparent that many of the investigations relate either to endocrinological problems or problems of the circulation, both of which matters are of chief concern to us at the present time.

PUBLICATIONS. The publications for the year 1934 are as follows:

#### PUBLICATIONS FOR 1934

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- BENNETT, DARWIN E. Recurrent Trichobezoar. Report of a Case. *N. England J. Med.*, 210, 307-309, 1934.
- BOGGS, ROBERT. Spontaneous Hemophilia. Report of Six Cases in Brothers. *Am. J. M. Sc.*, 188, 811-815, 1934.
- BRANCH, CHARLES D. Incisional Hernia. Analysis of Three Hundred Cases. *N. England J. Med.*, 211, 949-952, 1934.

## REPORT OF THE SURGEON-IN-CHIEF

- CHEEVER, DAVID. Problems Before the Medical Profession. *N. England J. Med.*, 211, 544-548, 1934.
- CUSHING, HARVEY. The Doctors Welch of Norfolk. *N. England J. Med.*, 210, 1132-1134, 1934.
- Hyperactivation of the Neurohypophysis as the Pathological Basis of Eclampsia and Other Hypertensive States. *Am. J. Path.*, 10, 145-176, 1934.
- The Pioneer Medical Schools of Central New York. An Address at the Centenary Celebration of The College of Medicine of Syracuse University, June 4, 1934.
- CUTLER, ELLIOTT C. Postoperative Complications. *Proc. Inter-State Post-Graduate Medical Assembly of North America*, 1934.
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- CUTLER, ELLIOTT C., and SCHNITKER, MAX T. Skin Temperature Changes after Total Thyroidectomy. *Proc. Soc. Exper. Biol. & Med.*, 31, 736-739, 1934.
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- CUTLER, ELLIOTT C., and ZOLLINGER, ROBERT. Similarity of the Toxic Forms of Thyroid Disease. *J. Maine M. A.*, 25, 51-54, 1934.
- DUNPHY, JOHN E., and ZOLLINGER, ROBERT. Mesenteric Vascular Occlusion. *N. England J. Med.*, 211, 708-711, 1934.
- GREEN, WILLIAM T. Pyogenic Infections of Bones and Joints in Infancy. *N. England J. Med.*, 211, 159-163, 1934.
- GUNDERSON, TRYGVE. Subconjunctival Iron Deposits after Adrenalin Injections. *Am. J. Ophth.*, 17, 807-808, 1934.
- HOMANS, JOHN. Thrombosis of the Deep Veins of the Lower Leg, Causing Pulmonary Embolism. *N. England J. Med.*, 211, 993-997, 1934.



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- HOMANS, JOHN, [DRINKER, CECIL K., and FIELD, MADELEINE E.]. Elephantiasis and the Clinical Implications of Its Experimental Reproduction in Animals. *Ann. Surg.*, 100, 812-832, 1934.
- HOWARD, LAURENCE L. Struma Lymphomatosa Hashimoto. *Am. J. Surg.*, 23, 565-569, 1934.
- MINER, LEROY M. S. The No-Man's Land Between Medicine and Dentistry. *Harvard Dental Record*, 9, October, 1934.
- OBER, FRANK R. General Aspects of Chronic Arthritis. *N. England J. Med.*, 210, 374-376, 1934.
- [BURNETT, FRANCIS L.], and OBER, FRANK R. Arthritis, Anabolic Nutrition and Health. A Study of the Nourishment and Health of Joints. *Am. J. M. Sc.*, 188, 93-108, 1934.
- PATTERSON, ROBERT L., and [GROSS, ROBERT E.]. Adenocarcinoma of the Stomach. Case Occurring in a Man 27 Years of Age. *N. England J. Med.*, 210, 1161-1163, 1934.
- QUIGLEY, THOMAS B. Second Attacks of Poliomyelitis. Review of the Literature and Report of a Case. *J. A. M. A.*, 102, 752-755, 1934.
- QUINBY, WILLIAM C. The Place of Cystectomy in the Cure of Bladder Cancer. Read at the 50th Anniversary of the Memorial Hospital, New York, May 25, 1934.
- Indications for and Results of Total Cystectomy for Cancer of the Bladder. *Tr. N. England Surg. Soc.*, 1934.
- Recent Advances in the Treatment of Urinary Infection. *Proc. Inter-State Post-Graduate Medical Assembly of North America*, 1934.
- RICHARDS, LYMAN G., and [DIETRICH, HARRY F.]. Fibrosarcoma of the Trachea. *Ann. Otol., Rhinol. & Laryngol.*, 43, 892-905, 1934.
- RICHARDS, LYMAN G., and [WALKER, JOHN]. Nuts as Bronchial Foreign Bodies. *N. England J. Med.*, 211, 653-665, 1934.
- SCHNITKER, MAX T. Treatment of Dementia Paralytica with Typhoid H Antigen Vaccine. *Arch. Neurol. & Psychiat.*, 31, 579-589, 1934.

REPORT OF THE SURGEON-IN-CHIEF

- SHAMBAUGH, PHILIP. Experimental Angina Pectoris in the Dog. Effect of Total Thyroidectomy. *Proc. Soc. Exper. Biol. & Med.*, 31, 978-979, 1934.
- SHAMBAUGH, PHILIP, and BOGGS, ROBERT. Effect of Intravenous Hydrochloric Acid Upon Narcosis in Dogs. *Proc. Soc. Exper. Biol. & Med.*, 31, 711-712, 1934.
- The Effect of Intravenous Hydrochloric Acid in Narcosis. Experimental Observations. *J. A. M. A.*, 102, 1292-1293, 1934.
- SHAMBAUGH, PHILIP, and CUTLER, ELLIOTT C. Total Thyroidectomy in Angina Pectoris; Experimental Study. *Am. Heart J.*, 10, 221-229, 1934.
- THOMPSON, KENNETH W. Fatalities from Spinal Anesthesia. *Anesth. & Analg.*, 13, 75-79, 1934.
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- WAITE, J. HERBERT. Light Minimum in the Diabetic. *Tr. Am. Ophth. Soc.*, 1933.
- WOOD, CORNELIUS B. Acute Appendicitis in the Aged. *Am. J. Surg.*, 26, 321-325, 1934.
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- ZOLLINGER, ROBERT, and [GROSS, ROBERT E.]. Traumatic Subdural Hematoma. An Explanation of the Late Onset of Pressure Symptoms. *J. A. M. A.*, 103, 245-249, 1934.
- ZOLLINGER, ROBERT, and SCHNITKER, MAX T. Skin Temperature Reactions Following Removal of the Left Cerebral Hemisphere. *Science*, 79, 540, 1934.

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STATISTICS. The condensed chart shown here contains information covered in previous reports by at least four tables. For comparison with other years the preceding Annual Reports will have to be consulted. It is to be noted that the total number of surgical cases is about the same, the deaths fewer, and the number of autopsies secured more than 10% higher than last year. The operations recorded are about the same and the operative mortality somewhat lower. The O. D. D. statistics show a considerable increase in the total attendance for general surgery and genito-urinary surgery; this increase is entirely made up of revisits of old cases, since there is a slight falling off of new cases in both the general surgical and genito-urinary clinics.

ELLIOTT C. CUTLER,  
*Surgeon-in-Chief.*

DECEMBER 31, 1934.

Summary of Statistics

JANUARY 1, 1934 TO JANUARY 1, 1935

	Number	Percentage
Total number of surgical cases discharged or transferred in 1934 .....	2,617	
Total number of deaths .....	130	
Postoperative .....	104	
(Medico-legal 15)		
Non-operative .....	26	
Autopsies .....	89	77.3
Operations recorded .....	2,311	
(Excludes dressings, pyelograms, cystoscopies, casts)		
Operative mortality .....	104	4.5
O. D. D. Statistics:		
General Surgery:		
Old .....	30,846	
New .....	4,591	
	————— 35,437	
Genito-urinary:		
Old .....	5,889	
New .....	193	
	————— 6,082	

## Report of the Physician-in-Chief

THE year 1934 has not been a cheerful one. Economic conditions have continued bad. Still are we making inroads into our capital. This is a condition which, if continued, can but mean one of two things, complete change in the type of our work or closing of the Hospital. In other words, since income from patients always has been below expenditure for their care and now is much more so, and since income from endowment no longer pays the difference, exhausted capital soon, if we are to continue existence, will necessitate less expenditure and a consequent change in methods of care of patients, unless we charge patients more or find some other means of providing income. Can we collect enough from patients to pay costs? Can a new provision for providing income be accomplished? Frankly we do not know. If some way is not found to bring about a change, then we will become bankrupt.

A hospital has certain irreducible overhead charges; plant must be kept in repair; to close any part of the hospital increases disproportionately per capita charges. This is the dilemma we face. A variety of economies have been instituted during the year; further economies, in the opinion of the Hospital staff, will decrease materially the effectiveness of the care of our patients and change essentially the character of the institution. In a relatively brief period the Peter Bent Brigham Hospital has established for itself a splendid reputation, widely acknowledged; the personnel of the Hospital hates to think of being other than a strictly first-class hospital in whose work they take great pride. This is what we face today, such a change; the probability of

## PETER BENT BRIGHAM HOSPITAL

this change is enhanced further by the steady increase in the cost price of nearly everything we use. This offsets in part economies already brought about.

These pessimistic statements do not mean we have lost hope. We are facing the situation as we see it; we are striving in every way possible to reduce costs and maintain efficiency; we are hopeful that the way out will be found; we are ready to change our ways to meet new conditions as they develop; we are not pejorative of our ability to do so; we propose to carry on as best we can; the entire personnel has shown a splendid spirit of helpfulness to this end; economies mean inconveniences and the discharge of many faithful workers from our midst; the going of these workers brings sadness to all of us. It may be that the economic situation will convert the present hospital into a sort of nursing home type of institution; if so, we propose to make of it the very best sort of a nursing home.

Merely to care for patients with restricted means of studying their disease will have a demoralizing effect on the entire staff in that to treat the ill but be unable to investigate the causes and mechanism of their sickness removes that all-important stimulus to progress that we term investigation. Inevitably he, who does not progress in knowledge, does not merely stagnate but retrogresses. History down the ages brings home the truth of this. Realizing this, we are striving in every possible way to maintain our investigations. In 1934 our record in investigation has been good as witnessed by studies published or almost ready to be published. Past momentum has played a part. How to continue is our problem. Less expensive investigations needs must be chosen. In doing this we cannot lose sight of the fact that no one can foresee how and in what meas-

## REPORT OF THE PHYSICIAN-IN-CHIEF

ure apparently impractical investigations turn out to be of the greatest practical value in their application. Pure science, so-called, often has been the starting point of changes daily utilized for the betterment of life and the increased healthfulness of all. To be compelled for lack of funds to stop investigation of medical problems, in our opinion, would be the most detrimental thing possible to the Peter Bent Brigham Hospital. To reduce our study of patients and the recording of these observations to the briefest outlines, and to give up laboratory tests because they are costly, not alone would decrease the efficiency of our treatment of individual patients but check the possibilities of valuable medical advances and attract to our staff a very different quality of man from that which now seeks opportunity to learn more of medicine, while serving on the resident and visiting staff of the Peter Bent Brigham Hospital. So far, I am glad to say, this has not been forced upon us. A divine Providence, in some way, I trust, will protect us in this respect and in many other ways.

PUBLICATIONS FOR 1934. During 1934 certain lines of investigation have been pursued by the members of the Staff, as shown by the following list of publications. Some of these represent work actually done in the preceding year, but, according to our custom, are noted in the Annual Report only after their completion and publication, thereby avoiding duplication in being noted once when the work is under way and the second time when completed and published.

- CHRISTIAN, HENRY A. Types of Nephritis and Their Management. *J. A. M. A.*, 102: 169, 1934.  
— Relapsing Febrile Nodular Nonsuppurative Panniculitis (Weber-Christian Disease). *Oxford Medicine*, Oxford University Press, New York, 4: 804 (55), 1934.

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- CHRISTIAN, H. A., and SIMMONS, MAJOR JAMES STEVENS. Infectious Pleurodynia. Oxford Medicine, Oxford University Press, New York, 4: 854, 1934.
- FITZ, REGINALD. Interne Training in Massachusetts. N. E. Hosp. Assoc., p. 61, 1934.
- A Note on the History of Lead Poisoning in Boston. N. Eng. J. Med., 210: 802, 1934.
- Harvard Medical Students and Their Health. Harvard Med. Alumni Bull., 1934.
- Bedside Teaching of Medicine. J. Assoc. Am. Med. Coll., 9: 129, 1934.
- FULTON, MARSHALL N. Diuretics in the Treatment of Renal and Cardiac Edema. Rhode Island Med. J., 17: 26, 1934.
- The Comparative Effect of Various Diuretics in Dogs with Special References to the Excretion of Urine, Chloride, and Urea. J. Pharm. & Exper. Therap., 50: 223, 1934.
- AUB, JOSEPH C. Mineral Metabolism. Bull. N. Y. Acad. Med., 10: 82, 1934.
- AUB, JOSEPH C., ALBRIGHT, F., and BAUER, W. Hyperparathyroidism; Common and Polymorphic Condition as Illustrated by Seventeen Proved Cases from One Clinic. J. A. M. A., 102: 1276, 1934.
- AUB, JOSEPH C., LOW, M. B., and WILSON, R. O. Phosphatase Activity of the Bones and Kidneys in Thyrotoxicosis. Proc. Soc. Exper. Biol. & Med., 31: 447, 1934.
- AUB, JOSEPH C., and FRANSEEN, CLIFFORD C. The Phosphatase Content of Blood Plasma and Tumor Tissue in Malignant Diseases of Bone. J. Clin. Invest., 31: 698, 1934.
- AYMAN, DAVID. Arteriolar Essential Hypertension and Active Tuberculosis: Their Rare Association. Am. J. Med. Sci., 188: 712, 1934.
- Intracutaneous Quantitative Tuberculin Test in Diagnosis of Active Tuberculosis. J. A. M. A., 103: 154, 1934.
- BLOTNER, HARRY. Insulin and Sugar Tolerance in Thin People. Arch. Int. Med., 53: 153, 1934.
- The Use of Insulin in Malnutrition. N. Eng. J. Med., 211: 103, 1934.

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- El empleo de la Insulina en la Insuficiencia Nutritiva. *Anales de la Universidad Central, Quito, Ecuador*, 52: 167, 1934.
- BURNETT, FRANCIS L. The Progress of Nutrition. *N. Eng. J. Med.*, 211: 68, 1934.
- BURNETT, FRANCIS L., and OBER, FRANK R. Arthritis, Anabolic Nutrition and Health. A Study of the Nourishment and Health of Joints. *Am. J. Med. Sci.*, 188: 93, 1934.
- CANNADY, EDWARD W., and O'HARE, JAMES P. A Critical Survey of the Retinal Lesions in Chronic Glomerular Nephritis. *J. A. M. A.*, 103: 6, 1934.
- DAVENPORT, LOWREY F., FULTON, MARSHALL N., VANAUKEN, HOWARD A., and PARSONS, ROBERT J. The Creatinine Clearance as a Measure of Glomerular Filtration in Dogs with Particular Reference to the Effect of Diuretic Drugs. *Am. J. Phys.*, 108: 99, 1934.
- EMERY, EDWARD S., JR. The Relative Value of Symptoms Versus the X-ray and Oesophagoscope in the Early Diagnosis of Carcinoma of the Oesophagus. *N. Eng. J. Med.*, 210: 420, 1934.
- The Treatment of Peptic Ulcer Complicated by Hypersecretion. *N. Eng. J. Med.*, 210: 637, 1934.
- The Treatment of Peptic Ulcer Based on 1,435 Cases (An Abstract). *Am. J. Digestive Dis. & Nutrition*, 1: 520, 1934.
- EMERY, EDWARD S., JR., and WOSIKA, PAUL H. A Clinical Study of Chronic Ulcerative Colitis. *N. Eng. J. Med.*, 211: 907, 1934.
- EPPINGER, EUGENE C., and LEVINE, SAMUEL A. Angina Pectoris. Some Clinical Considerations, with Special Reference to Prognosis. *Arch. Int. Med.*, 53: 120, 1934.
- The Medical Care of Patients Following Total Thyroidectomy. *J. A. M. A.*, 102: 2076, 1934.
- Effect of Total Thyroidectomy on Response to Adrenalin. *Proc. Soc. Exper. Biol. & Med.*, 31: 485, 1934.
- EVANS, WILLIAM A., JR. The Common Nature of Peptic Ulcer and Colitis. *N. Eng. J. Med.*, 210: 743, 1934.
- FRIEDLANDER, RICHARD D. The Racial Factor in Pernicious Anemia. A Study of Five Hundred Cases. *Am. J. Med. Sci.*, 187: 634, 1934.



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- The Present Status of the Diagnostic Intradermal Test for Human Trichiniasis. *Am. J. Med. Sci.*, 188: 121, 1934.
- FRIEDLANDER, RICHARD D., and LEVINE, SAMUEL A. Auricular Fibrillation and Flutter Without Evidence of Organic Heart Disease. *N. Eng. J. Med.*, 211: 624, 1934.
- FROTHINGHAM, CHANNING, and HASS, GEORGE M. Rupture of Normal Chordæ Tendineæ of the Mitral Valve. *Am. Heart J.*, 9: 492, 1934.
- GRABFIELD, G. P., and GRAY, M. G. The Action of Cinchophen on the Nitrogen Metabolism. *J. Pharm. & Exper. Therap.*, 50: 28, 1934.
- Studies on the Denervated Kidney. I. The Action of Cinchophen on the Uric Acid and Allantoin Excretion in Dogs, and Its Effect on the Nitrogen and Sulphur Excretion. *J. Pharm. & Exper. Therap.*, 50: 123, 1934.
- Studies on the Denervated Kidney. II. The Action of Sodium Salicylate on the Uric Acid, Allantoin, Sodium Chloride and Total Nitrogen Excretion in Dogs. *J. Pharm. & Exper. Therap.*, 52: 383, 1934.
- GRABFIELD, G. PHILIP, DRISCOLL, MARGARET, and GRAY, MILDRED G. Nitrogen and Sulphur Metabolism in Bright's Disease. V. Metabolic Study of a Patient with Edema of Unknown Origin. *Arch. Int. Med.*, 54: 764, 1934.
- HAHN, R. G. Surgical Aspects of Pernicious Anemia with Special Reference to the Treatment. *Am. J. Med. Sci.*, 188: 60, 1934.
- HOYT, LYMAN H., and GOODALL, HARRY W. Thoracic Stomach. Report of Five Cases. *Arch. Int. Med.*, 53: 594, 1934.
- MURPHY, WILLIAM P. Reticulocyte, Erythrocyte and Hemoglobin Production in Anemia and the Effect Upon Them of Certain Types of Therapy. *Trans. Ass. of Am. Physicians*, 48: 305, 1933.
- Rational Treatment of the Anemic Patient. *Ann. Int. Med.*, 7: 939, 1934. Pernicious Anemia. *N. Eng. J. Med.*, 211: 914, 1934.
- O'HARE, JAMES P. The Treatment of Chronic Bright's Disease. Clinical Lecture at Cleveland Session. *J. A. M. A.*, 103: 1373, 1934.
- The Truth About Bright's Disease. *N. Eng. J. Med.*, 208: 1173, 1934. (A Radio Message.)

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- PURKS, W. K. The Cause of Death of Patients with Organic Heart Disease Subjected to Surgical Operation. *Ann. Int. Med.*, 7: 885, 1934.
- Dynamic Dilatation of the Thoracic Aorta. *Am. Heart J.*, 9: 655, 1934.
- RICHTER, ARTHUR B. Meningococcemia. Report of Two Cases with Recovery. *J. A. M. A.*, 102: 2012, 1934.
- RICHTER, ARTHUR B., and LEVINE, HAROLD D. Epidemic Pleurodynia. *J. A. M. A.*, 102: 898, 1934.
- SALTER, WILLIAM T. Quantitative Aspects of Vitamin Requirement. *J. Am. Diet. Assoc.*, 10: 296, 1934.
- SALTER, WILLIAM T., and DRURY, DOUGLAS R. The Effect of Glucose Derivatives Upon Animals (Rabbits) Following Hepatectomy. *Am. J. Phys.*, 107: 406, 1934.
- SALTER, WILLIAM T., and LERMAN, J. The Maintenance Requirement of Myxedema Patients. Clinical and Chemical Assay of Commercial Thyroid Preparations. *J. Pharm. & Exp. Therap.*, 50: 298, 1934.
- SALTER, WILLIAM T., and SCHARLES, FREDERICK H. Tumor Amylase: General Properties and Estimation of Activity. *Am. J. Cancer*, 20: 613, 1934.
- SALTER, WILLIAM T., SCHARLES, FREDERICK H., and ROBB, PHOEBE D. Tumor Amylase: The Effect of Various Hormones and Chemical Agents. *Am. J. Cancer*, 20: 625, 1934.
- SALTER, WILLIAM T., and ROBB, PHOEBE D. Ammonia Production by Sarcoma. The Sparing Effect of Carbohydrate. *Am. J. Cancer*, 22: 87, 1934.
- SALTER, WILLIAM T., MEYER, OVID O., and McTIERNAN, CLAIRE. The Utilization of Simple Derivatives of Glucose by Mouse Sarcoma. *Am. J. Cancer*, 22: 76, 1934.
- SALTER, WILLIAM T., GREEN, ARDA, and PUTNAM, TRACY. A Method for Quantitating the Reducing Substance of the Anterior Hypophysis. *J. Lab. & Clin. Med.*, 20: 74, 1934.
- SCHNITKER, MAURICE A. The Value of Early Lumbar Puncture in the Prognosis of Central Nervous System Syphilis. *Am. J. Syph. & Neur.*, 18: 360, 1934.
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- TREMAINE, MYRON J. Subacute Pick's Disease (Polyserositis) with Polyarthritis and Glomerulonephritis. A Report of Two Fatal Cases. N. Eng. J. Med., 211: 754, 1934.
- WALKER, I. CHANDLER. Curability of Hay Fever After Pre-seasonal Pollen Treatment. Arch. Int. Med., 54: 289, 1934.
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- WOSIKA, PAUL H., and THURMON, FRANCIS M. Syphilitic Albuminuria. Am. J. Syphilis & Neur., 18: 2, 1934.
- WOSIKA, PAUL H., and SOSMAN, MERRILL C. The Roentgen Demonstration of Calcified Coronary Arteries in Living Subjects. J. A. M. A., 102: 591, 1934.
- The Position of the Heart Valves and Their Relation to the Anterior Chest Wall in Living Subjects with Abnormal Hearts. Am. Heart J., 10: 156, 1934.

PHYSICIAN-IN-CHIEF, *pro tempore*. In 1934 we had in this capacity, Dr. Alfred Stengel of Philadelphia. Professor of Medicine at the University of Pennsylvania for twenty-four years, Physician to the University Hospital in Philadelphia, first an active practitioner, latterly a widely sought consultant, author in his earlier years of an extensively used text book of pathology, Dr. Stengel builded for himself a structure of medical knowledge of unusual completeness and soundness to be applied wisely, effectively, with critical keenness and charm of personality in the care of patients, in the teaching of students and in the leadership of a department of medicine in a school and city of rich traditions where the present in medicine exceeds the accomplishments of the past. Entering as he did into the life of our Hospital, this our twentieth Physician-in-Chief, *pro*

## REPORT OF THE PHYSICIAN-IN-CHIEF

*tempore*, gave us an esteemed service from which all on the staff profited greatly.

**NOBEL PRIZE IN MEDICINE.** For 1934 the Nobel Prize in Medicine was divided between Drs. George R. Minot, William P. Murphy and George H. Whipple for perfecting an effective treatment for pernicious anemia. During the period of earlier clinical study of the use of liver in pernicious anemia Dr. Minot was Associate in Medicine and Dr. Murphy Junior Associate in Medicine here at the Peter Bent Brigham Hospital, and many of the observations published by them were made on patients in our wards. In 1928 Dr. Minot resigned to become Director of the Thorndike Memorial Laboratory and Visiting Physician at the Boston City Hospital, while Dr. Murphy has continued as a member of our staff, promoted to Associate in Medicine in 1926, now made Senior Associate in Medicine in recognition of the value of his studies of pernicious anemia. That the Nobel Prize has come to these men and particularly that the Peter Bent Brigham Hospital furnished them facilities for their investigations is a source of great pride to us, their colleagues on the medical staff of the Peter Bent Brigham Hospital.

**PROMOTIONS OF FORMER HOUSE OFFICERS.** Recently several of our former medical house officers have been promoted to posts of great importance. Dr. Alan C. Woods, Medical House Officer 1914-15, has been made acting director of the Wilmer Institute of Ophthalmology, Johns Hopkins Hospital and professor of Ophthalmology in the Medical School of Johns Hopkins University. Dr. Martha M. Eliot, Medical House Officer 1918-19, has been appointed Assistant Chief, in Children's Bureau of the U. S. Department of Labor. As

## PETER BENT BRIGHAM HOSPITAL

this report is being written Dr. Cecil K. Drinker, Medical House Officer 1914-15, Resident Physician 1917, has been appointed Dean of the School of Public Health of Harvard University. Reginald Atwater, medical house officer 1918-19, has become Executive Secretary of the American Public Health Association.

CHANGES IN PERSONNEL. During 1934 William K. Purks, Richard Friedlander, Edward A. Cannady, P. H. Drewry, Jr., and Phillip T. Knies resigned as Assistant Resident Physicians, Purks to begin practice in Vicksburg, Miss., Friedlander to become Resident Physician at the University Hospital, San Francisco, Cannady to become Resident Physician at the Barnes Hospital, St. Louis, Drewry to become Assistant Resident Physician at the Bloomingdale Hospital, White Plains, N. Y., and Knies to return to Columbus, Ohio, to resume his work in the Medical School of the Ohio State University. These vacancies were filled by Arthur B. Richter of the University of Indiana Medical School, formerly house officer at the Peter Bent Brigham Hospital, William Evans of the Johns Hopkins Medical School, previously medical house officer at the Peter Bent Brigham Hospital, then Research Fellow at the Harvard Medical School, John G. Gibson, of Harvard Medical School, formerly medical house officer at the Peter Bent Brigham Hospital, then Research Fellow at the Harvard Medical School, and Andrew W. Conratto of the Medical School of the University of Pennsylvania, formerly interne at the University Hospital, Philadelphia.

As Medical House Officers these several men completed their service and commenced other work as follows: Dr. George L. Weller to begin practice in Washington, D. C., Dr. Paul H. Noth to become district

## REPORT OF THE PHYSICIAN-IN-CHIEF

physician at the Boston Dispensary and later fellow at the Mayo Clinic, Dr. Arthur B. Richter to become Assistant Resident Physician at the Peter Bent Brigham Hospital, Dr. Myron J. Tremaine to become House Officer in Gynecology at Passavant Hospital, Chicago, Dr. Harold D. Levine, Dr. Daniel D. Myers, Dr. Harold S. Schiro and Dr. Clayton B. Ethridge to become Research Fellows in Medicine at the Harvard Medical School, Dr. Howard C. Jackson to work in pathology at the City Hospital, Cleveland.

The general medical work of the wards and Outdoor Department has been but little changed during the year, except for such modifications as were necessitated to reduce costs. In closing this, my twenty-first annual report, it is a pleasure to thank assistants, associates, colleagues and all of the many Hospital workers, whose willing cooperation has made possible carrying on efficiently in the care of our patients in the face of not a few inconveniences from restrictions that we saw no way of avoiding in our efforts to reduce cost. Though our finances have been at the lowest level in our history, never has there been a finer spirit exhibited by the many members of what we like to think of as the Peter Bent Brigham Hospital family.

HENRY A. CHRISTIAN,  
*Physician-in-Chief.*

DECEMBER 31, 1934.

PETER BENT BRIGHAM HOSPITAL

Summary of Medical Statistics

JANUARY 1, 1934 TO JANUARY 1, 1935

Total number of admissions in 1934 .....	1,892	
Total number of medical cases remaining in the wards, January 1, 1934 .....	77	
	<hr/>	1,969
Total number medical readmissions discharged in 1934 .....	235	
Total number of medical new cases discharged in 1934 .....	1,651	
	<hr/>	1,886
Total number of medical cases remaining in the wards, January 1, 1935 .....	83	
	<hr/>	1,969
Results on medical cases discharged in 1934 were as follows:		
Total number discharged well .....	5	
Total number discharged improved .....	1,124	
Total number discharged unimproved .....	204	
Total number discharged untreated .....	194	
Total number transferred to Surgical Service	195	
Total number dead .....	164	
	<hr/>	1,886
Total number of medical cases remaining in the wards, January 1, 1935 .....	83	
	<hr/>	1,969

In the past, our annual report has included the following lists:

Visiting Physicians and Surgeons *pro tempore*  
Traveling Fellows in Surgery  
George Gorham Peters Traveling Fellows  
Harvey Cushing Fellows  
Register of Present Members of the Staff  
Register of Former Members of the Staff  
Former Voluntary Graduate Assistants  
Register of Former Members of the Corporation

These lists are being temporarily omitted as a measure of economy.



## Officers of the Institution, 1935

*President*

CHARLES P. CURTIS

*Treasurer*

EDMUND D. CODMAN

*Secretary*

HENRY B. CABOT

### MEMBERS OF THE CORPORATION

*Appointed*

Jan.	5, 1921	*WILLIAM AMORY .....	179 Commonwealth Ave.	
				Boston
Mar.	26, 1925	HARRY L. BAILEY .....	93 Franklin St.	Boston
Nov.	8, 1934	HENRY B. CABOT .....	50 Federal St.	Boston
May	8, 1902	EDMUND D. CODMAN .....	27 Kilby St.	Boston
Apr.	15, 1915	CHARLES P. CURTIS .....	71 Ames Building	Boston
Mar.	25, 1931	RICHARD C. CURTIS .....	30 State St.	Boston
Mar.	26, 1925	PAUL E. FITZPATRICK .....	104 Kingston St.	Boston
June	16, 1909	†IRVIN MCD. GARFIELD .....	30 State St.	Boston
Apr.	13, 1933	THEODORE LYMAN .....	105 Heath St.	Chestnut Hill
Mar.	27, 1924	RICHARD S. RUSSELL .....	50 State St.	Boston

### STANDING COMMITTEES OF THE CORPORATION

*Building Committee*

WILLIAM AMORY, *Chairman*

CHARLES P. CURTIS

IRVIN MCD. GARFIELD

THEODORE LYMAN

JOSEPH B. HOWLAND, M.D., *Secretary*

*Auditing Committee*

THEODORE LYMAN

\* Appointed by the Governor of the Commonwealth under an act approved May 8, 1909. Commission expires May 1, 1936.

† Appointed by the Governor of the Commonwealth under an act approved May 8, 1909. Commission expires May 11, 1939.

## OFFICERS OF THE INSTITUTION

### *Committee on Finances*

WILLIAM AMORY  
EDMUND D. CODMAN  
RICHARD C. CURTIS  
RICHARD S. RUSSELL

### *Committee on Heat, Light, and Power*

WILLIAM AMORY  
EDMUND D. CODMAN  
CHARLES P. CURTIS

### *Committee on Nominations*

CHARLES P. CURTIS  
EDMUND D. CODMAN

### *Committee on Rules*

CHARLES P. CURTIS  
EDMUND D. CODMAN  
IRVIN MCD. GARFIELD

## VISITING COMMITTEE FOR 1934

THEODORE LYMAN .....	January
PAUL E. FITZPATRICK.....	February
RICHARD C. CURTIS.....	March
RICHARD S. RUSSELL.....	April
LAURENCE H. H. JOHNSON....	May
CHARLES P. CURTIS.....	June
EDMUND D. CODMAN.....	July
CHARLES A. COOLIDGE, JR.....	August
IRVIN MCD. GARFIELD.....	September
HARRY L. BAILEY.....	October
WILLIAM AMORY .....	November
CHARLES P. CURTIS .....	December

## VISITING COMMITTEE FOR 1935

THEODORE LYMAN .....	January
PAUL E. FITZPATRICK .....	February
RICHARD C. CURTIS .....	March
RICHARD S. RUSSELL .....	April
HENRY B. CABOT .....	May
CHARLES P. CURTIS .....	June
EDMUND D. CODMAN .....	July
CHARLES P. CURTIS .....	August
IRVIN MCD. GARFIELD .....	September
HARRY L. BAILEY .....	October
WILLIAM AMORY .....	November
CHARLES P. CURTIS .....	December

PETER BENT BRIGHAM HOSPITAL

VISITING COMMITTEE FOR 1936

THEODORE LYMAN .....	January
PAUL E. FITZPATRICK .....	February
RICHARD C. CURTIS .....	March
RICHARD S. RUSSELL.....	April
HENRY B. CABOT .....	May
CHARLES P. CURTIS.....	June
EDMUND D. CODMAN .....	July
.....	August
IRVIN MCD. GARFIELD .....	September
HARRY L. BAILEY .....	October
WILLIAM AMORY .....	November
CHARLES P. CURTIS.....	December

EXECUTIVE COMMITTEE OF THE STAFF

HENRY A. CHRISTIAN, M.D.  
S. BURT WOLBACH, M.D.  
ELLIOTT C. CUTLER, M.D.  
JOSEPH B. HOWLAND, M.D., *Secretary*

ADMINISTRATIVE DEPARTMENT

*Superintendent*

*Service began*

May 1, 1919 JOSEPH B. HOWLAND, M.D.

*Assistant Superintendents*

Mar. 5, 1934 NORBERT A. WILHELM, M.D.  
Mar. 5, 1934 WILSON WARNER KNOWLTON, M.D.

*Executive Assistant*

May 14, 1927 HELEN GOODWIN, R.N.

BOARD OF CONSULTATION

*Appointed*

Mar. 25, 1912 WALTER B. CANNON, M.D., *Consulting Physiologist*  
Mar. 8, 1928 GEORGE R. MINOT, *Consulting Physician*  
Apr. 12, 1923 HANS ZINSSER, M.D., *Consulting Bacteriologist*  
Oct. 13, 1932 FRANK R. OBER, M.D., *Consulting Orthopedic Surgeon*  
Oct. 13, 1932 E. LAWRENCE OLIVER, M.D., *Consulting Dermatologist*  
Jan. 1, 1933 CHANNING FROTHINGHAM, M.D., *Consulting Physician*  
Jan. 1, 1933 LEROY M. S. MINER, D.M.D., *Consulting Dental Surgeon*  
Mar. 8, 1934 J. HERBERT WAITE, M.D., *Consulting Ophthalmologist*  
Sept. 14, 1934 LYMAN G. RICHARDS, *Consulting Otolaryngologist*

MEDICAL DEPARTMENT

*Service began*

May 1, 1912 HENRY A. CHRISTIAN, M.D., *Physician-in-Chief*  
Sept. 1, 1922 REGINALD FITZ, M.D., *Physician*  
July 1, 1928 CLIFFORD L. DERICK, M.D., *Physician*

## OFFICERS OF THE INSTITUTION

### *Service began*

Sept. 1, 1934	MARSHALL N. FULTON, M.D., <i>Physician</i>
July 1, 1915	JAMES P. O'HARE, M.D., <i>Senior Associate in Medicine</i>
Aug. 8, 1919	SAMUEL A. LEVINE, M.D., <i>Senior Associate in Medicine</i>
May 24, 1928	JOSÉPH C. AUB, M.D., <i>Senior Associate in Medicine</i>
Jan. 24, 1935	WILLIAM P. MURPHY, M.D., <i>Senior Associate in Medicine</i>
Dec. 12, 1912	NATHANIEL K. WOOD, M.D., <i>Associate in Medicine</i>
July 1, 1915	GEORGE P. DENNY, M.D., <i>Associate in Medicine</i>
Sept. 1, 1915	I. CHANDLER WALKER, M.D., <i>Associate in Medicine</i>
Sept. 12, 1919	DONALD J. MACPHERSON, M.D., <i>Associate in Medicine</i>
Nov. 12, 1925	GUSTAVE P. GRABFIELD, M.D., <i>Associate in Medicine</i>
May 10, 1926	EDWARD S. EMERY, JR., M.D., <i>Associate in Medicine</i>
Dec. 8, 1932	ROBERT T. MONROE, M.D., <i>Associate in Medicine</i>
Jan. 1, 1934	F. WILLIAM MARLOW, JR., M.D., <i>Associate in Medicine</i>
Jan. 1, 1934	HARRY H. BLOTNER, M.D., <i>Associate in Medicine</i>
May 9, 1935	LYMAN H. HOYT, M.D., <i>Associate in Medicine</i>
Dec. 22, 1930	JOHN M. FLYNN, M.D., <i>Junior Associate in Medicine</i>
Dec. 8, 1932	WILLIAM T. SALTER, M.D., <i>Junior Associate in Medicine</i>
Oct. 26, 1933	EARLE A. HARVEY, M.D., <i>Junior Associate in Medicine</i>
Oct. 11, 1934	DAVID L. HALBERSLEBEN, M.D., <i>Junior Associate in Medicine</i>
Oct. 11, 1934	CHARLES F. WALCOTT, M.D., <i>Junior Associate in Medicine</i>
Sept. 1, 1933	EUGENE C. EPPINGER, M.D., <i>Resident Physician</i>
July 15, 1933	MAURICE A. SCHNITKER, M.D., <i>Assistant Resident Physician</i>
Aug. 1, 1934	ANDREW W. CONTRATTO, M.D., <i>Assistant Resident Physician</i>
Sept. 1, 1934	WILLIAM EVANS, M.D., <i>Assistant Resident Physician</i>
Sept. 1, 1934	JOHN G. GIBSON, M.D., <i>Assistant Resident Physician</i>
Sept. 1, 1934	ARTHUR B. RICHTER, M.D., <i>Assistant Resident Physician</i>

## SURGICAL DEPARTMENT

### *Service began*

Sept. 1, 1932	ELLIOTT C. CUTLER, M.D., <i>Surgeon-in-Chief</i>
Oct. 13, 1932	HARVEY CUSHING, M.D., <i>Surgeon-in-Chief Emeritus</i>
May 1, 1912	JOHN HOMANS, M.D., <i>Surgeon</i>
Oct. 1, 1912	DAVID CHEEVER, M.D., <i>Surgeon</i>
June 19, 1916	WILLIAM C. QUINBY, M.D., <i>Urological Surgeon</i>
June 15, 1924	FRANCIS C. NEWTON, M.D., <i>Senior Associate in Surgery</i>
Mar. 8, 1934	TRYGVE GUNDERSON, M.D., <i>Associate in Ophthalmology</i>
Oct. 1, 1928	HARLAN F. NEWTON, M.D., <i>Junior Associate in Surgery</i>
Apr. 24, 1930	DONALD MACDONALD, M.D., <i>Junior Associate in Otolaryngology</i>
May 1, 1933	WILLIAM T. GREEN, M.D., <i>Junior Associate in Orthopedic Surgery</i>
Oct. 26, 1933	ALBERT H. BREWSTER, M.D., <i>Junior Associate in Orthopedic Surgery</i>
July 1, 1934	ROBERT ZOLLINGER, M.D., <i>Junior Associate in Surgery</i>

## PETER BENT BRIGHAM HOSPITAL

### *Service began*

July 1, 1934	CHARLES D. BRANCH, M.D., <i>Junior Associate in Surgery</i>
Mar. 28, 1935	LEE G. KENDALL, M.D., <i>Junior Associate in Surgery</i>
Aug. 1, 1934	CARL W. WALTER, M.D., <i>Harvey Cushing Fellow</i>
Apr. 1, 1935	J. HARTWELL HARRISON, M.D., <i>Harvey Cushing Fellow</i>
Sept. 1, 1934	SAMUEL M. DUPERTUIS, M.D., <i>George Gorham Peters Traveling Fellow</i>
July 1, 1934	KENNETH W. THOMPSON, M.D., <i>Resident Surgeon</i>
Aug. 15, 1933	RICHARD E. ALT, M.D., <i>Fellow in Urology</i>
Mar. 1, 1934	MAX T. SCHNITKER, M.D., <i>Assistant Resident Surgeon</i>
July 1, 1934	PHILIP SHAMBAUGH, M.D., <i>Assistant Resident Surgeon</i>
Nov. 1, 1934	JOHN E. DUNPHY, M.D., <i>Assistant Resident Surgeon</i>
Mar. 1, 1935	WALTER A. REILING, M.D., <i>Assistant Resident Surgeon</i>

## PATHOLOGICAL DEPARTMENT

### *Service began*

Dec. 1, 1916	S. BURT WOLBACH, M.D., <i>Pathologist</i>
Sept. 1, 1934	ROBERT E. GROSS, M.D., <i>Resident Pathologist</i>

## ROENTGENOLOGICAL DEPARTMENT

### *Service began*

May 15, 1922	MERRILL C. SOSMAN, M.D., <i>Roentgenologist</i>
Jan. 12, 1928	EDWARD C. VOGT, M.D., <i>Associate in Roentgenology</i>
Sept. 8, 1933	HUGH F. HARE, M.D., <i>Associate in Roentgenology</i>
July 1, 1934	WILLIAM W. BRYAN, M.D., <i>Assistant Resident in Roent- genology</i>

## DENTAL SURGEON

### *Service began*

Oct. 7, 1929	MOSES S. STROCK, D.M.D.
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## MEDICAL HOUSE OFFICERS

### *Service began*

### *Service ended*

Nov. 1, 1932	GEORGE L. WELLER, JR., M.D.....	Mar. 1, 1934
Nov. 1, 1932	ARTHUR B. RICHTER, M.D.....	Mar. 1, 1934
Nov. 1, 1932	PAUL H. NOTH, M.D.....	Mar. 1, 1934
Mar. 1, 1933	HAROLD D. LEVINE, M.D.....	July 1, 1934
Mar. 1, 1933	DANIEL W. MYERS, M.D.....	July 1, 1934
Mar. 1, 1933	MYRON J. TREMAINE, M.D.....	July 1, 1934
July 1, 1933	CLAYTON B. ETHRIDGE, M.D.....	Nov. 1, 1934
July 1, 1933	HOWARD C. JACKSON, M.D.....	Nov. 1, 1934
July 1, 1933	HAROLD S. SCHIRO, M.D.....	Nov. 1, 1934
		<i>Service will end</i>
Nov. 1, 1933	EDWARD A. DELARUE, JR., M.D.....	Mar. 1, 1935
Nov. 1, 1933	HARALD N. JOHNSON, M.D.....	Mar. 1, 1935
Nov. 1, 1933	GEORGE W. LYNCE, M.D.....	Mar. 1, 1935
Mar. 1, 1934	ARCHIBALD W. DIACK, JR., M.D.....	July 1, 1935
Mar. 1, 1934	THEODORE H. INGALLS, M.D.....	July 1, 1935
Mar. 1, 1934	WILLIAM N. MYHRE, M.D.....	July 1, 1935

## OFFICERS OF THE INSTITUTION

<i>Service began</i>		<i>Service will end</i>
July 1, 1934	PAUL B. CASSADAY, M.D.....	Nov. 1, 1935
July 1, 1934	HARRY A. WARREN, M.D.....	Nov. 1, 1935
July 1, 1934	BENJAMIN V. WHITE, JR., M.D.....	Nov. 1, 1935
Nov. 1, 1934	JAMES A. KENNEDY, M.D.....	Mar. 1, 1936
Nov. 1, 1934	SAMUEL J. KING, M.D.....	Mar. 1, 1936
Nov. 1, 1934	JOHN A. BOONE, M.D.....	Mar. 1, 1936
Mar. 1, 1935	JOHN B. ALSEVER, M.D.....	July 1, 1936
Mar. 1, 1935	GARRETT L. SULLIVAN, JR., M.D.....	July 1, 1936
Mar. 1, 1935	LAWRENCE E. PUTNAM, M.D.....	July 1, 1936

### SURGICAL HOUSE OFFICERS

<i>Service began</i>		<i>Service ended</i>
Oct. 1, 1932	SAMUEL M. DUPERTUIS, M.D.....	Feb. 1, 1934
Oct. 1, 1932	GEORGE F. WILKINS, M.D.....	Feb. 1, 1934
Mar. 1, 1933	STORER P. HUMPHREYS, M.D.....	July 1, 1934
Mar. 1, 1933	CARL W. WALTER, M.D.....	July 1, 1934
July 1, 1933	WALTER A. REILING, M.D.....	Nov. 1, 1934
Sept. 1, 1933	JOHN E. DUNPHY, M.D.....	Nov. 1, 1934
		<i>Service will end</i>
Nov. 1, 1933	JOHN H. HARRISON, M.D.....	Mar. 1, 1935
Nov. 1, 1933	HALL SEELY, M.D.....	Mar. 1, 1935
Mar. 1, 1934	PRENTISS L. HYDER, M.D.....	July 1, 1935
Mar. 1, 1934	THOMAS B. QUIGLEY, M.D.....	July 1, 1935
July 1, 1934	BENJAMIN R. REITER, M.D.....	Nov. 1, 1935
July 1, 1934	EUGENE A. STEAD, M.D.....	Nov. 1, 1935
Nov. 1, 1934	RICHARD C. DURANT, M.D.....	Mar. 1, 1936
Nov. 1, 1934	ROBERT R. BATES, M.D.....	Mar. 1, 1936
Mar. 1, 1935	FREDERICK M. ANDERSON, M.D.....	July 1, 1936
Mar. 1, 1935	RICHARD L. PETERSON, M.D.....	July 1, 1936

### PATHOLOGICAL HOUSE OFFICERS

July 1, 1934	D. IVAN RUTLEDGE, M.D.
Nov. 1, 1934	GUY D. AYER, M.D.

### HOUSE OFFICER IN ROENTGENOLOGICAL DEPARTMENT

July 1, 1934	WALTER W. VAUGHAN, M.D.
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### DENTAL HOUSE OFFICER

Aug. 1, 1934	FRANK S. CARBONE, D.M.D.
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### SCHOOL OF NURSING

#### *Advisory Committee*

CHARLES P. CURTIS	HENRY A. CHRISTIAN, M.D.
WILLIAM AMORY	ELLIOTT C. CUTLER, M.D.
JOSEPH B. HOWLAND, M.D., <i>Supt.</i>	PRES. ADA COMSTOCK
CARRIE M. HALL, R.N., <i>Principal</i>	MRS. GEORGE C. SHATTUCK
	MRS. COLLINS GRAHAM

PETER BENT BRIGHAM HOSPITAL

*Superintendent of Nurses and  
Principal of the School of Nursing*

*Service began*

July 1, 1912 CARRIE M. HALL, R.N.

*Assistant Superintendent of Nurses*

June 1, 1928 MARY C. GILMORE, R.N.

*Instructor in Theory*

*Service began*

Sept. 1, 1931 MARTHA O. SAYLES, B.S., R.N.

*Instructor in Practice*

Sept. 1, 1929 BERNICE J. SINCLAIR, R.N.

*Instructor in Operating Room Technique*

Nov. 21, 1932 RUTH ADAMS, R.N.

*Supervisors*

June 1, 1929 HELEN A. NEWHALL, A.B., R.N.

Sept. 6, 1932 FRANCES M. DAGGETT, R.N.

Oct. 13, 1927 RACHEL T. ADAMS, R.N.

Nov. 20, 1932 CATHERINE RICHARDS, R.N.

*Night Supervisors*

July 1, 1931 MARY F. LOUGHLIN, R.N.

Nov. 6, 1933 DORA M. MCGRAW, R.N.

**Chief—Social Service Department**

Aug. 17, 1914 ALICE M. CHENEY, R.N.

**Dietitian**

Aug. 1, 1931 GERTRUDE McDONALD, B.S.

**Apothecary**

Dec. 2, 1912 HARRY H. COMAN

**Clerk**

Apr. 29, 1912 LIDA E. CRAWFORD

**Record Librarians**

*House Records*

June 16, 1922 EDITH M. ROBBINS

*Out-Patient Records*

Sept. 1, 1934 PAULINE E. SMITH

OFFICERS OF THE INSTITUTION

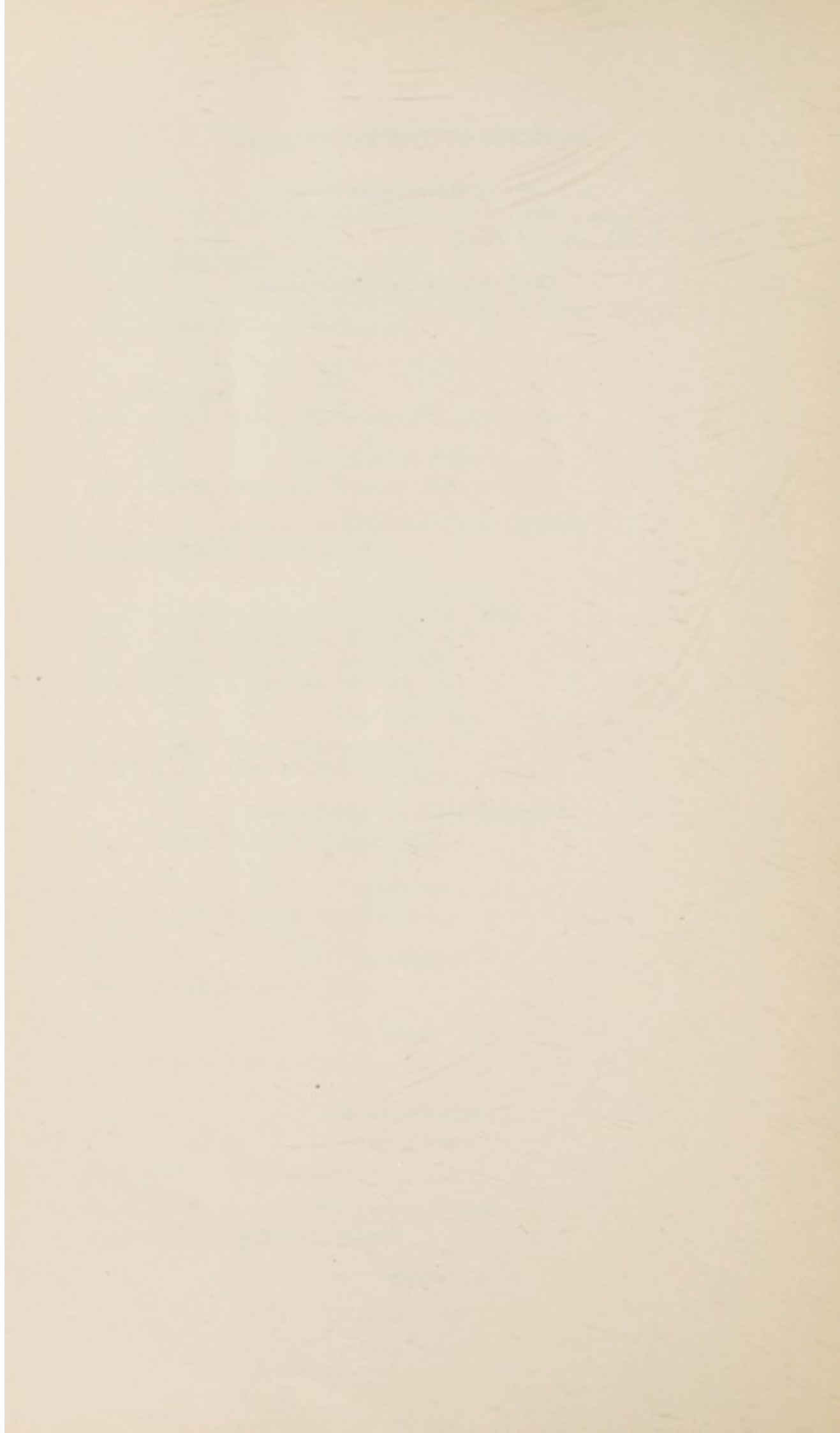
**Housekeeper**

*Service began*  
Sept. 1, 1933 ANN M. LEWIS

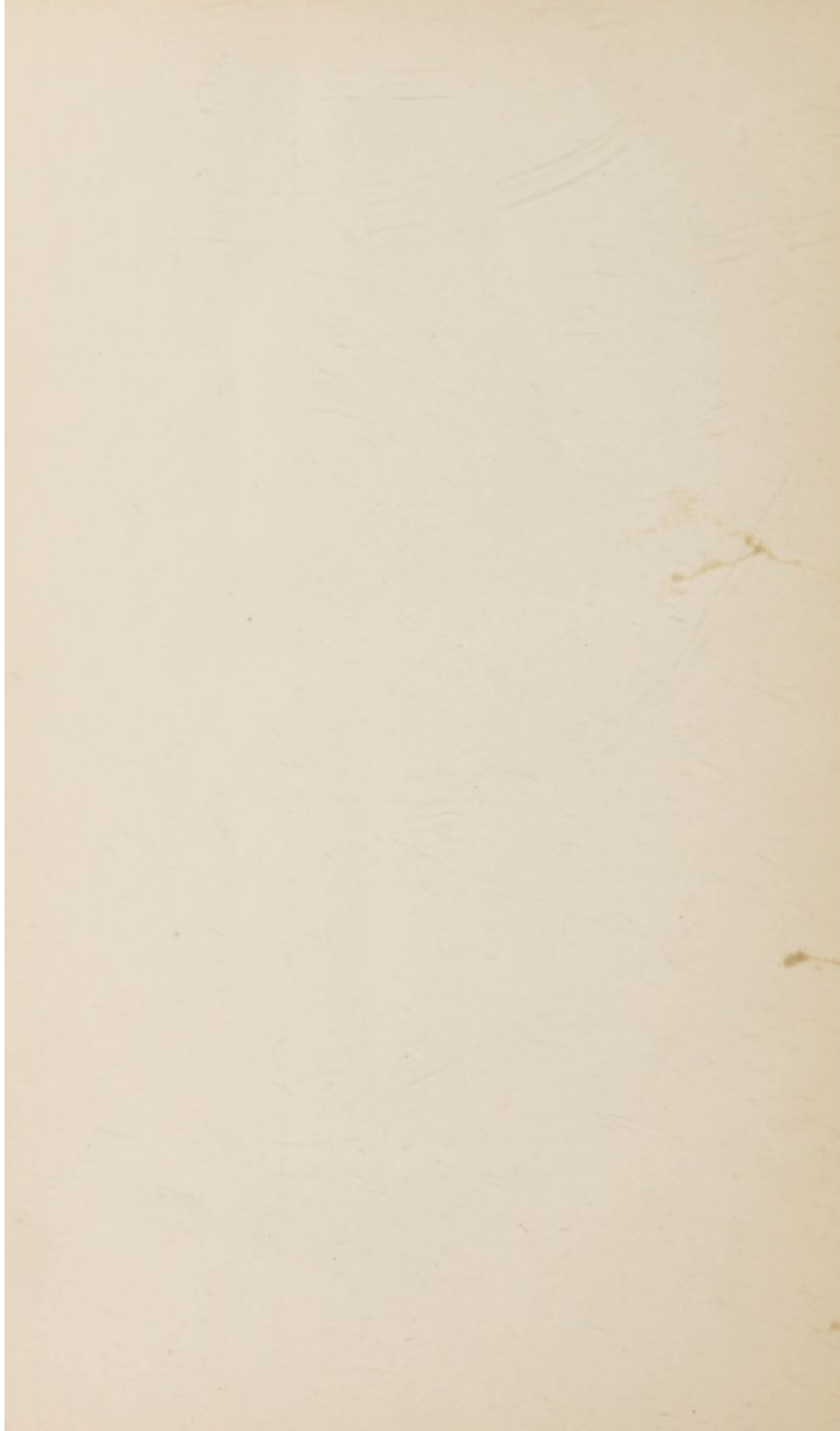
**Chief—Mechanical Departments**

Oct. 21, 1911 JOHN A. AITKEN









FORM OF BEQUEST

*I give and bequeath to the Peter Bent Brigham  
Hospital, a corporation established under the laws  
of the Commonwealth of Massachusetts, the sum  
of \_\_\_\_\_ dollars,  
the same to be used for the furtherance of its  
charitable work.*

PURCHASING BUREAU  
BOSTON COUNCIL OF SOCIAL AGENCIES