

**MEDICAL CENTER ARCHIVES
OF
NEWYORK-PRESBYTERIAN/WEILL CORNELL**

**1300 York Avenue # 34
New York, NY 10065**

**Finding Aid To
THE ROY W. BONSNES, PHD (1909-1993) PAPERS**

**Dates of Papers:
1936-1987**

**45 Linear Inches
(3 Boxes)**

**Finding Aid Prepared By:
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Archival Intern
September 2011**

PROVENANCE:

This collection was donated by, Dr. Roy W. Bonsnes at an undetermined time.

ADMINISTRATIVE/BIOGRAPHICAL NOTE:

Dr. Roy W. Bonsnes was born in Oslo, Norway on March 15, 1909. He received a BS from the University of Connecticut in 1930 and later his PhD from Yale University in 1939. While studying for his PhD, he held various positions at the University of Connecticut, Connecticut Agricultural Experimental Station, and Yale University.

In 1940, he came to Cornell University Medical College as a research fellow in Biochemistry. He rose to associate professor of Biochemistry in OB/GYN in 1950. In 1943, he was appointed a chemist at The Lying-In Hospital (Woman's Clinic, New York Hospital). Later he was a chemist at the Central Laboratories, New York Hospital, 1957-60; and chemist at New York Hospital from 1961-1980.

He conducted research alongside Dr. Vincent duVigneaud, Chairman of the Department of Biochemistry at Cornell University Medical College, that involved physical and chemical studies on insulin. Beginning in 1943, while at the Department of OB/GYN at New York Hospital, he investigated various aspects of metabolism and kidney function in pregnancy and more practical aspects of fluid and electrolyte balance in both pregnant and non-pregnant patients. Some studies of chemical analytical methods were also conducted and the data from these studies have been reported in twenty eight publications.

Dr. Bonsnes' bibliography includes forty four publications. Dr. Roy W. Bonsnes died in 1993.

SCOPE AND CONTENT NOTE:

The Roy W. Bonsnes PhD (1909-1993) Collection contains papers, research materials, and reprints created during his time at New York Hospital-Cornell Medical Center. Housed within three boxes, they are divided into six series. Offering a broad and detailed view into his professional life, this collection offers very little information on him personally.

Series I: Biographical, 1941-1985 (Box 1)

Arranged alphabetically, this series contains what little personal information we have regarding Dr. Bonsnes. Even the three diaries included in this series are mainly professional in content.

Series II: Correspondance, 1940-1977 (Box 1)

Arranged alphabetically, this series contains some personal but mainly professional correspondance Dr. Bonsnes conducted from 1940 to 1977.

Series III: Laboratory for Clinical Chemistry, 1949-1973 (Box 1-2)

Arranged alphabetically, this series contains documents pertaining to the Laboratory on Clinical Chemistry whose committee counted Dr. Bonsnes as a member for more than 25 years.

Series IV: Reprints, Manuscripts, Paper's, and Speeches, 1936-1980 (Box 2)

Arranged alphabetically, this series includes 43 of his 44 publications, as well as, various manuscripts and papers he authored. Speeches and talks he gave throughout his career are also included.

Series V: Research Files, 1939-1975 (Box 2-3)

Arranged alphabetically, this series contains the research files covering his extensive studies on Amniotic Fluid, Bilirubin, and Lipoprotein Electrophoresis, as well as, Cholesterol, Kidney Fluids, and Tetracycline.

Series VI: Professional Activites & Miscellaneous, 1949-1987 (Box 3)

Arranged alphabetically, this final series in the collection contains' topics Dr. Bonsnes was interested in ranging from newsletters to new ways of drawing blood.

ACCESS RESTRICTIONS:

None

RELATED MATERIAL:

None.

BOX AND FOLDER LIST:**Box 1: Series I, Biographical, 1941-1985**

Folder:	Description:
1	Appointments, 1941-1976
2	Autobiography, 1985
3	Biographical-Dr. Roy W. Bonsnes, 1973

- 4 CV-Curriculum Vitae, 1981
- 5 Diary, 1950, 1951, 1952
- 6 Dinner-15th Year, 1955

Box 1: Series II, Correspondance, 1940-1977

Folder:	Description:
7	Chesley, Dr. Leon C., 1948
8	Complaints, 1968-1969
9	Cornell University Medical College- Correspondence, 1969-1974
10	Correspondence, 1940-1960
11	Correspondence, 1961-1969
12	Correspondence, 1970
13	Correspondence, 1971
14	Correspondence, 1972
15	Correspondence, 1973-1975
16	Counter Point, Sam Miller, 1970
17	Creatinine Reprint Requests and Correspondence, 1945-1947
18	Eclampsia Correspondence, 1951-1953
19	Ellis, Dr. John T- Correspondence, 1969-1970, 1971; Food Dyes, ABS, Fuchs, Dr. Fritz, 1972
20	Henderson, Dr. John; Sharp & Dorme, Inc.-Correspondence, 1943-1944
21	Kidney Function in Pregnancy-Chesley, Dr., Reprint and Correspondence, 1963-1965
22	Margarey, Dr. Bob-Paper, "Some Aspects of Medical Education in North America," 1964
23	Meister, Dr. Alton-Correspondence, 1969-1973
24	Medi Computer-Contracts, Agreements, and Correspondence, 1970
25	Methods-Lactate and Pyruvate-Correspondence, 1970-1971
26	Methods: Perkin-Elmer Corp., Data for Drugs, Gas Chromatography-Correspondence, 1970
27	Methods-PSCHE, Hyperthermia Anectine-Correspondence, 1971
28	New York Hospital Chemistry Lab, Thank You Notes to Nurses, 1963-1964
29	"November Battle"-Correspondence, 1970
30	O'Connell, Judith-Correspondence, 1976-1977
31	Sandoz Pharmaceutical Co.-Correspondence, Letters, etc. re: Syntocinon, 1955-1956
32	Schulman, Dr. Joseph D., OB/GYN-Reprint; Schmidt, Dr. Vagn-Reprints, Correspondence, 1970-1972
33	Stander, Dr. Henricus, -Correspondence, 1942-1946
34	Statistics-Error Control-Correspondence, Tatum, Dr. Howard & Teaching Lab Personnel-Reprints, 1953-1975

35 Water Analysis, Jarrell Ash Co., Wolfson, Mr. Aaron Harry, VMA
Screen-Correspondence, 1965-1972

Box 1: Series III, Laboratory for Clinical Chemistry, 1949-1973

Folder:	Description
36	Committee on the Laboratory for Clinical Chemistry, 1964-1969
37	Laboratory for Clinical Chemistry-Report, 1964
38	Laboratory for Clinical Chemistry-Report, 1968
39	Laboratory for Clinical Chemistry-Blood Volume: Minimum Amount of Blood For Each Test, 1970
40	Laboratory for Clinical Chemistry-Cost Per Test and Frequency Distribution, 1971
41	Laboratory for Clinical Chemistry-Determination of Ca & Mg in Serum, Diet, Urine, and Stool by Atomic Absorption Spectrophotometer, 1966
42	Laboratory for Clinical Chemistry-Expense Reports, 1958-1968
43	Laboratory for Clinical Chemistry-Dr. Groeschel, Dr. Platt, 1966- 1967
44	Laboratory for Clinical Chemistry-Letter Written by Dr. Roy W. Bonsnes
45	Laboratory for Clinical Chemistry-Normal Values, 1968
46	Laboratory for Clinical Chemistry-Personnel, 1959
47	Laboratory for Clinical Chemistry-Requirements: Space and Personnel, 1970
48	Laboratory for Clinical Chemistry-Requisitions, 1969
49	Laboratory for Clinical Chemistry-Revised Sheet, 1970

Box 2: Series III, Laboratory for Clinical Chemistry, 1949-1973

Folder:	Description:
1	Laboratory for Clinical Chemistry-Statistics, 1959-1972
2	Laboratory for Clinical Chemistry-Summary of the Survey of Clinical Chemistry Facilities: New York Hospital, 1949
3	Laboratory of Clinical Chemistry-Summary Comparing Day and Night Shift, undated
4	Laboratory Maintenance, Management and Planning and Medicare Controls, 1973
5	Laboratory Sheets for Charts and Results, 1971-1973
6	Laboratory Space, 1967
7	Manuals-Laboratory for Clinical Chemistry, 1953

Box 2: Series IV, Reprints, Manuscripts, Paper's, and Speeches, 1936-1980

Folder:	Description:
8	Bibliography List for Dr. Roy W. Bonsnes with Corresponding Reprints, 1939-1957
9	Bibliography List for Dr. Roy W. Bonsnes with Corresponding Reprints, 1957-1980
10	Biochemistry Seminars, 1942-1948
11	Blood Chemistry-Essay, 1956
12	Creatinine Experiments, 1944 and Creatinine Manuscript, "On the Colorimetric Determination of Creatinine by the Jaffe Reaction," 1945
13	"Intestinal Obstruction Following Pelvic Surgery for Benign Disease"- Final Draft of Manuscript, 1955
14	"Intravenous Glucose Tolerance Test in Pregnancy"-Paper, 1948
15	Nephrology International Congress, 1969
16	Pregnancy Test Paper- Written with Amy Marney, 1966
17	Scale Bed Manuscript and Saliva Test, 1955
18	Seminars-Yale University, 1936-1968
19	"Some Aspects of Kidney Function During Pregnancy"-Talk given to the Obstetrical & Gynecological Travel Club, 1951
20	"Urinary Protein at the Time of Delivery"-Paper, 1951

Box 2: Series V, Research Files, 1939-1975

Folder:	Description:
21	Acid Base Balance, 1959-1963
22	Acid Phosphatase- Research by Joel Rosen, 1973
23	Amniotic Fluid- Absorption Curves, undated
24	Amniotic Fluid- Analysis of Amniotic Fluid- Talk, 1967
25	Amniotic Fluid- Bilirubin Content, 1964
26	Amniotic Fluid- Codes, 1963-1967
27	Amniotic Fluid- Copy Sheets for Radio Mat Slides, undated
28	Amniotic Fluid- Correspondence, 1961-1970
29	Amniotic Fluid- Enzyme Bibliography, 1970
30	Amniotic Fluid- Hb, 1964-1967
31	Amniotic Fluid- Hemaglobin on Standing, 1967
32	Amniotic Fluid- Letters for Permission to Publish- University of Chicago-Talk, 1971
33	Amniotic Fluid- Miscellaneous Information-Charts, Reprints, and Graphs, 1962-1970
34	Amniotic Fluid- Normal-WKS, undated
35	Amniotic Fluid- Paper-"The Analysis of Spectrophotometric Absorption of Amniotic Fluid"- Written with Gimblet, undated

- 36 Amniotic Fluid- Paper-"Chemistry & Physiology of Amniotic Fluid," 1970
- 37 Amniotic Fluid- Paper-"Composition of Normal Human Amniotic Fluid at Term," 1966
- 38 Amniotic Fluid- Paper-"The Determination of the Absorbance of Amniotic Fluid"- Written with Gimblet, undated
- 39 Amniotic Fluid- Paper-"Direct Spectrophotometric Detection in Para-Amino-Hippurate"- Written with Marney, undated
- 40 Amniotic Fluid- Paper-"Free Amino Acids in Human Amniotic Fluid"- Levy & Montag, 1968
- 41 Amniotic Fluid- Paper-"Spectrophotometric Absorption Curves of Amniotic Fluid"- Written with Gimblet & Marney, 1965
- 42 Amniotic Fluid- Screening System, 1971
- 43 Amniotic Fluid- SMA 12/60 vs. F609, 1968-1969
- 44 Amniotic Fluid- SMA 12/60- Early Correspondence & Precision Variation Allowed, 1968

Box3: Series V, Research Files, 1939-1975

Folder:	Description:
1	Amniotic Fluid- SMA 12/60: Interphase, Linear, SGOT Line & Tubing, 1969-1970
2	Amniotic Fluid- SMA 12/60: Protein, 1975
3	Amniotic Fluid- SMA 12/60: Results, undated
4	Amniotic Fluid- Talk Correspondence-University of Chicago, 1970
5	Amniotic Fluid- Talk Transcripts-RH Conferences, Vanderbilt University, 1967-1968
6	Amniotic Fluid- Volume, undated
7	Amylase-Methods and Bibliography, 1971
8	Assessing Acid-Base Metabolism from Hypothermic Subjects, 1947-1956
9	Beta-Lipoprotein by Auto Analyzer, 1970
10	Bilirubin, 1968
11	Bilirubin-Bile Pigments, 1968-1971
12	Bilirubin-Method- Reprints, Studies and Lectures, 1969-1971
13	Bilirubin-Prints, undated
14	Bilirubin-Research, 1971-1975
15	Biochemistry Lecture Material, 1969-1972
16	Buffers, 1945-1949
17	Charts and Graphs, 1963-1966 and Centrifichem, 1972
18	Cholinesterase-Dibucaine Number, 1970-1972
19	Computer-St. Vincent's Hospital, 1972
20	Corticoids, 1958-1959
21	Dennies Blood and Serum Data, 1964
22	Electrolyte Research Program, 1962

23	Fetal Hb Study, 1974
24	Fluid and Electrolyte Disturbance in Pregnancy, 1968
25	Gilford Component Information, 1972
26	Heart Rate Decrease in Four Patients, undated
27	Incidence of Positives, 1972
28	Inulin Curve, 1948-1950
29	Kidney Fluids, 1961-1962
30	Lipoprotein-Analysis of Cord Blood-With Drs, Fairlough, Schulman, and Sloan, undated
31	Lipoprotein-Electrophoresis Canal Co. Quick-disc QDL Kits, 1969
32	Lipoprotein-Electrophoresis Cholesterol Normals, 1971
33	Lipoprotein-Electrophoresis Evaluation, Holds, Miscellaneous Information, 1970-1973
34	Lipoprotein Electrophoresis Statistics, 1971
35	Methods- Cholesterol Data, 1968-1970
36	Myoglobin, 1968
37	OB/GYN-Reprints and Pamphlets on Diseases in Pregnancy, 1959-1969
38	Ortho-Levine, 1955
39	Oxytocin-PH Meter with Operating Instructions, 1957-1972
40	Predictive Value-Lab Data, Phlebolith, and Programma 101, 1971
41	"Proposed Study of Metabolism of Endometrium"-Written with Given, undated
42	"Pump"- Paper and Photos, 1965
43	Smears-Morese, 1939-1946
44	Sodium Low Levels, 1970
45	Spinal Fluid Protein, 1971
46	St. Vincent's Hospital- Sub Dural Fluid, 1970-1971
47	Twenty Four Hour Uric Acid and Urea Clearance Survey, undated
48	Tetracycline- Paper, Reprints, and Miscellaneous Information, 1962-1963
49	TR-KO Data, Thoracic Fluid Information, Timing Cams, and Tray Design, 1975
50	UV-GC-Drugs, 1974

Box 3: Series VI, Professional Activities & Miscellaneous, 1949-1987

Folder:	Description:
51	American Association of Clinical Chemists- Directories of Members, 1949-1954
52	American Association of Clinical Chemists- Meeting Minutes, 1949-1972
53	American Association of Clinical Chemists- Organization and History of the New York Metropolitan Section, 1987
54	Anniversary Dinner, 1960

- 55 Cartoons, 1968-1975
- 56 Department of Health-Miscellaneous Information, 1967-1969
- 57 F508, 510, 511-Floorplans, 1967
- 58 F609 Floorplans: Clerical Area and Laboratory, 1964-1965
- 59 Inventory-Instruments In Use and Auto Analyzer Equipment, 1970
- 60 Miscellaneous, 1964-1974
- 61 National Registry in Clinical Chemistry, 1974
- 62 Payroll-F609, 1968-1969
- 63 Reconstructions-F609, March 1973
- 64 Salary Ranges and Salary Survey of Various Hospitals, 1971
- 65 Senior Term Paper, undated
- 66 Tables for Slides-Teaching Program and Part of Projected Exam, undated
- 67 Termination of Pregnancy- Recommended Guidelines by Saline Instillation, 1972
- 68 Vacutainer Data-Variation Type, 1965
- 69 Weights; Weld, Dr. Francis M., 1971
- 70 Winker, Joel E- "A Comparison of Methods to Detect the Presence of Fetal Blood Passed per Vaginum During 3rd Trimester Hemorrhages"-Senior Paper, 1963