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Guide to the Leon O. Jacobson Papers circa 1880s-2001



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Descriptive Summary

Identifier	ICU.SPCL.JACOBSONLO
Title	Jacobson, Leon O. Papers
Date	circa 1880s-2001
Size	55 linear feet (98 boxes)
Repository	Special Collections Research Center University of Chicago Library 1100 East 57th Street Chicago, Illinois 60637 U.S.A.

Abstract Leon Orris Jacobson (1911-1992) was a physician, researcher in hematology, educator and administrator at the University of Chicago. Jacobson's medical research focused on blood diseases and the biological effects of radiation; he was also the primary physician for University of Chicago staff working on the Manhattan Project. An influential administrator in the university, Jacobson's work was instrumental to the development of the University of Chicago's Division of the Biological Sciences, School of Medicine, and other biology and medical units. The Leon O. Jacobson Papers contain correspondence, administrative records, research reports and data, drafts of articles and speeches, publications, publicity material, photographs and memorabilia.

Information on Use

Access

Series I: Subseries 2 includes administrative correspondence that is restricted for 30 years.

Series II: Subseries 1 and 2 include administrative material that is restricted for 30 years. Subseries 3 includes financial and personnel material that is restricted for 50 years.

Series VII does not include access copies for audio and digital material. Researchers will need to consult with staff before requesting material from this series.

Series VIII includes financial and personnel records, restricted for 50 years, as well as medical records and student records that are restricted for 80 years.

Series IX contains medical records, restricted for 80 years.

The remainder of the collection is open for research.

Citation

When quoting material from this collection, the preferred citation is: Jacobson, Leon O. Papers, [Box #, Folder #], Special Collections Research Center, University of Chicago Library

Biographical Note

Leon Orris Jacobson (1911-1992) was a physician, researcher in hematology, educator and administrator at the University of Chicago. Raised in a Norwegian community in Sims, North Dakota, Jacobson became interested in medicine while working as a teacher in the local school. He received a B.A. at North Dakota State University in 1935, then moved on to the University of Chicago's medical school. After receiving his medical degree in 1939, he spent the rest of his career at the University of Chicago.

Jacobson's medical research focused on blood diseases and the biological effects of radiation. During World War II, Jacobson was involved in government research projects at the Toxicity Laboratory and the Metallurgical Laboratory, where he was the primary physician for University of Chicago staff working on the Manhattan Project. His clinical use of nitrogen mustards to treat cancer was among the first forms of chemotherapy. He later conducted important research on the formation of blood cells, studying the regulatory hormone erythropoietin, and the process of hemopoiesis, the formation of blood cells. Much of this work was accomplished in collaboration with medical students, and with laboratory technicians Edna Marks and Evelyn Gaston. Jacobson's work contributed to later achievements in research on erythropoietin, as well as progress in the clinical treatment of blood cancers and kidney diseases.

Between 1942 and 1951, Jacobson moved up the faculty ranks of the Department of Medicine, serving as instructor, assistant professor, then associate professor. He was appointed a full professorship in 1951, then became the Joseph Regenstein Professor in 1965. He continued conducting research and seeing patients after attaining emeritus status in 1976.

Jacobson was an influential administrator in the university, and his work was instrumental to the development of the Division of the Biological Sciences, the School of Medicine, and other biology and medical units. From 1945-1951, he served as Associate Dean, Division of the Biological Sciences and the School of Medicine. He returned as Dean of the Division of the Biological Sciences and Pritzker School of Medicine from 1966-1975. He also served as Director of the Metallurgical Laboratory, founding director of Argonne Cancer Research Hospital, director of the Franklin McLean Institute, and chair of the Department of Medicine.

Jacobson was elected to the National Academy of Sciences in 1965 and was active on the organization's board, as well as the board of the National Institute of Health. He was also

honored with awards from the American Academy of Arts and Sciences, the American College of Physicians, the American Radium Society, the Leukemia Society, the American Nuclear Society, and the Lincoln Academy of Illinois. He received honorary degrees from North Dakota State University and Acadia University in Nova Scotia.

Throughout his life, Jacobson maintained a close connection to his family and community in North Dakota. In 1976, Jacobson received the Theodore Roosevelt Rough Rider Award, given to prominent North Dakotans by the state's governor.

Jacobson died of complications from lung cancer in 1992. His first wife, Elizabeth Benton Jacobson, preceded him in 1983. He was survived by his second wife, Elise Torczynski Jacobson, his son Eric, daughter Judith Bonacker, and their families.

Scope Note

This collection represents Jacobson's career as a medical researcher, university administrator, educator and personal physician. It documents his work outside the University of Chicago, including his service with government institutions and professional organizations. The collection also includes material related to Jacobson's family and his North Dakota heritage.

Series I: Correspondence, contains professional and personal correspondence of Leon O. Jacobson, including both incoming and outgoing letters, memoranda and newsletters. Much of the content deals with Jacobson's administrative duties at the University of Chicago, including his work in research administration, campus development and fundraising. Also found is material related to Jacobson's work with professional organizations, journals, private research firms and the federal government. A smaller proportion of correspondence deals with Jacobson's research, teaching and personal activities. Also included in this series is secondary correspondence among Jacobson's colleagues, and a small amount of correspondence of Elise Torczynski Jacobson. Correspondence spans the years 1947-1991.

Series II: Administrative, documents Jacobson's distinguished career as an administrator at University of Chicago. Material in this series includes reports, meeting minutes, agendas, conference programs, drafts of speeches and presentations, research proposals, publicity material, personnel material, financial records and related correspondence. This series spans the mid-1940s to the early 1990s.

Series III: Writing, contains work by Jacobson and his colleagues, as well as a variety of publications, unpublished writings, and publicity material on topics of interest to Jacobson. Included in this series are important records of Jacobson's work for the Toxicity Laboratory and Metallurgical Laboratory. This series spans the years 1935-1990s, and includes reports, drafts, reprints, periodicals, monographs, clippings and related publicity material and correspondence.

Series IV: Research Data, documents Jacobson's laboratory research from the 1940s-1970s, including his work on hemopoiesis, erythropoietin and the effects of radiation on red blood cells. Much of the material in this series was not generated by Jacobson, but by laboratory technicians Edna Marks and Evelyn Gaston. Material in this series spans the 1940s-1970s, and includes graphs, diagrams, tables, lab reports, logs, instructions and notes.

Series V: Professional Organizations and Activities, consists of material related to Jacobson's involvement with organizations other than the University of Chicago; these include professional associations, journals, government organizations, research foundations, honorary societies, civic organizations and educational institutions. This series contains material such as minutes, agendas, programs, publications, proceedings, reports, nominations and related correspondence. Material in this series spans the years 1947-1992.

Series VI: Personal, contains drafts, proofs and reprints of "From Atom to Eve" and other autobiographical writings; collections of biographical clippings and statements; curricula vitae; family genealogies and histories; and material from memorials and tributes honoring Jacobson's life and achievements. Much of the material in this series was compiled by Elise Torczynski Jacobson; a small amount of her personal papers are included with family material. This series spans the years 1933-2000, with files organized alphabetically by document type.

Series VII: Photographs, Audio and Digital Media, contains material from circa 1880s-1992, and is organized by format. Included in this series are personal photographs, including extensive collections of images of Jacobson and his friends, colleagues and extended family. Also included are slides for presentations and speeches, cassette tapes, and floppy disks.

Series VIII: Letterbooks, consists of annual compilations of Jacobson's professional correspondence from 1966-1974. Subject matter includes administrative matters, medical research, treatment of patients, and evaluations of students and faculty.

Series IX: Medical Records contains records of patients treated by Jacobson, or about whom he consulted with his colleagues. Much of this material consists of correspondence with patients and other physicians. Also included are patient charts, prescription information and research data. Material spans the 1940s-1980s.

Series X: Artifacts and Oversize, contains material transferred from previous series in the collection, as well as a variety of artifacts such as decorative items, a scrapbook, and glass laboratory slides.

Related Resources

The following related resources are located in the Department of Special Collections:

<http://www.lib.uchicago.edu/e/spcl/select.html>

Goldwasser, Eugene. Papers

University of Chicago. Division of the Biological Sciences. Office of the Dean. Records

Subject Headings

- Jacobson, Leon O.
- Gaston, Evelyn
- Jacobson, Elise Torczynski
- Marks, Edna
- Argonne Cancer Research Hospital
- Atomic Energy Commission (U.S.)
- Manhattan Project (U.S.)
- National Academy of Sciences (U.S.)
- National Institutes of Health (U.S.)
- United States. Office of Scientific Research and Development. Metallurgical Laboratory
- University of Chicago. Division of the Biological Sciences
- University of Chicago. School of Medicine
- Chemotherapy
- Erythropoietin
- Hematology
- Hemopoiesis
- Radiation
- Hematologists
- Hospital administrators
- Jacobson

INVENTORY

Series I: Correspondence

This series contains professional and personal correspondence of Leon O. Jacobson, including both incoming and outgoing letters, memoranda and newsletters. Much of the content deals with Jacobson's administrative duties at the University of Chicago, including his work in research administration, campus development and fundraising. Also found is material related to Jacobson's work with professional organizations, journals, private research firms and the federal government. A smaller proportion of correspondence deals with Jacobson's research, teaching and personal activities. Also included in this series is secondary correspondence among Jacobson's colleagues, and a small amount of correspondence of Elise Jacobson.

Correspondence spans the years 1947-1991, and is organized into two subseries to reflect the original order of materials. The two subseries overlap in both content and date range.

Subseries 1: Alphabetical, consists of correspondence from 1947-1989. Correspondence regarding recommendations and honorary events is usually filed by the individual under discussion, rather than by correspondent.

Subseries 2: Chronological, consists of files arranged by year from 1949-1992.

Additional correspondence is found in Series II-VI, filed with related materials. Series VIII and IX also consist primarily of correspondence but are subject to administrative and legal restrictions.

Subseries 1: Alphabetical Files, 1947-1989

Box 1

Folder 1-7

A-C

Box 2

Folder 1-5

C-G

Box 2

Folder 6

Goldwater, William H.

Box 2

Folder 7

Gurney, Clifford

Box 2

Folder 8-9

H-I

Box 3

Folder 1-2

International Society of Hematology

Box 3

Folder 3-8

J-M

Box 4

Folder 1-2

N

Box 4

Folder 3-4

National Academy of Sciences

Box 4

Folder 5-9

O-R

Box 5

Folder 1

Regenstein, Helen and Joseph

Box 5

Folder 2

Roche Image of Medicine and Research

Box 5

Folder 3-6

S-U

Box 5

Folder 7

United States Atomic Energy Commission

Box 5

Folder 8

United States Department of Health, Education and Welfare

Box 5

Folder 9-10

V-Z

Subseries 2: Chronological Files

Box 6

Folder 1

1935-1939, Archer Daniels Midland Company

Box 6

Folder 2

1938-1940

Box 6

Folder 3

1948-1950

Box 6

Folder 4

1952-1954

Box 6

Folder 5

Erythropoietin research, 1957-1959

Box 6

Folder 6

Reprint requests, 1957-1959

Box 6

Folder 7-10

1958-1961

Box 7

Folder 1-9

1961-1967

Box 8

Folder 1-3

1968-1970

Box 8

Folder 4

Nobel Prize nomination, 1970-1973

Box 8

Folder 5-6

1971-1972

Box 9

Folder 1-7

1973-1975

Box 10

Folder 1-10

1976-1981

Box 11

Folder 1-2

1982

Box 11

Folder 3

Till, J.E., 1982

Box 11

Folder 4-5

1983

Box 11

Folder 6

Comtex Scientific Corporation, 1983

Box 11

Folder 7-9

1984-1986

Box 12

Folder 1-8

1986-1991

Box 13

Folder 1-11

1991-1995

Series II: Administrative

This series documents Jacobson's distinguished career as an administrator at University of Chicago. This series is organized into three subseries. Files in all three subseries are arranged chronologically, and all three span the mid-1940s to the early 1990s.

Subseries 1: General, includes material related to Jacobson's work at Argonne Cancer Research Hospital, the Department of Medicine, and the Biological Sciences Division, among other administrative units of the university. Included are reports, meeting minutes, agendas, conference programs, drafts of speeches and presentations, research proposals, curricula vitae, publicity material and related correspondence.

Subseries 2: Travel, contains material related to routine travel arrangements, such as invoices, vouchers, itineraries, travel company publicity, and related correspondence.

Subseries 3: Personnel and Financial, contains material related to the administration of university staff and faculty, as well as financial material. Personnel records include faculty appointments, recommendations, nominations and employment contracts. Financial material includes budgets and reports, as well as routine items such as invoices, check requests, statements and ledgers.

Material related to Jacobson's administrative work is also found in Series I, III and VIII.

Subseries 1: General

Box 14

Folder 1-2

Argonne Cancer Research Hospital, visitors, 1952-1960

Box 14

Folder 3

Argonne Cancer Research Hospital, 1953-1960

Box 14

Folder 4

Argonne Cancer Research Hospital, "Atoms For Peace" event, 1955

Box 14

Folder 5

Biological Sciences Division, beryllium incident, 1958

Box 14

Folder 6-7

Argonne Cancer Research Hospital, Armour and Company subcontracting for erythropoietin production, 1956-1960

Box 14

Folder 8

Argonne Cancer Research Hospital, review by United States Atomic Energy Commission, 1958

Box 15

Folder 1

Conference on Erythropoietin and the Regulation of Erythropoiesis, San Francisco, 1961-1962

Box 15

Folder 2

Department of Medicine, chairmanship, 1961-1964

Box 15

Folder 3

Department of Medicine, space needs, 1961-1965

Box 15

Folder 4

Committee on Statutes Concerning the Instructorship and Visiting Professorship, 1964

Box 15

Folder 5

School of Medicine, leukemia conference, 1964

Box 15

Folder 6

Biological Sciences Division, deanship, 1964-1965

Box 15

Folder 7

Biological Sciences Division, planning, 1965-1966

Box 15

Folder 8

Biological Sciences Division, fundraising, 1965-1966

Box 16

Folder 1

Biological Sciences Division, history, 1966

Box 16

Folder 2

Argonne Cancer Research Hospital, International Symposium on Endogenous Factors Influencing Host-Tumor Balance, 1966

Box 16

Folder 3

Edward H. Levi, 1967-1971

Box 16

Folder 4

Stochastics, 1968-1977

Box 16

Folder 5

Argonne Cancer Research Hospital, 1969

Box 16

Folder 6

University of Chicago Hospitals and Clinics, urokinase-pulmonary embolism trial, proposal to the National Institutes of Health, 1969

Box 16

Folder 7

John V. Prohaska, eulogy, 1969

Box 16

Folder 8

Argonne Cancer Research Hospital, 1969-1970

Box 16

Folder 9

Myocardial Infarction Research Unit, proposal, 1969

Box 16

Folder 10-11

Myocardial Infarction Research Unit, quarterly reports, 1969

Box 17

Folder 1-3

Myocardial Infarction Research Unit, quarterly reports, 1969-1970

Box 17

Folder 4

Myocardial Infarction Research Unit, proposal for contract renewal, 1970

Box 17

Folder 5

Myocardial Infarction Research Unit, annual report, 1970

Box 17

Folder 6

Myocardial Infarction Research Unit, proposal for contract renewal, 1970-1971

Box 17

Folder 7

Rosenberger Medal Committee, 1970

Box 17

Folder 8

Medical student orientation, 1970-1973

Box 17

Folder 9

Ben May Laboratory for Cancer Research, dedication, 1971

Box 17

Folder 10

Maurice Goldblatt, 1971-1976

Box 17

Folder 11

Albert Dorfman, reception, 1972

Box 17

Folder 12

Eleanor M. Humphreys, memorial, 1972

Box 17

Folder 13

Project AIMS campaign, 1972

Box 17

Folder 14

Biological Sciences Division, fiscal arrangements, 1973

Box 18

Folder 1

University of Chicago, Board of Trustees, 1973

Box 18

Folder 2

Cummings Life Science Center, dedication, 1973

Box 18

Folder 3

Franklin McLean Memorial Research Institute, dedication, 1973

Box 18

Folder 4

Biological Sciences Council, meetings, 1973-1974

Box 18

Folder 5

Surgery-Brain Research Foundation, groundbreaking, 1974

Box 18

Folder 6

Biological Sciences Council, annual dinner, 1974

Box 18

Folder 7

Biological Sciences Council, meeting, 1975

Box 18

Folder 8

Medical alumni reunion banquet, 1975

Box 18

Folder 9

University of Chicago Cancer Research Foundation, 1975

Box 18

Folder 10

University of Chicago Cancer Research Foundation auxiliaries, 1975

Box 18

Folder 11

Morris Fishbein, memorial, 1976

Box 18

Folder 12

Charles Huggins, 75th birthday, 1976

Box 18

Folder 13

Division of the Biological Sciences, Ad Hoc Committee on Academic Appointments, 1977

Box 18

Folder 14

Franklin McLean Memorial Research Institute, floor space assignments, 1977

Box 18

Folder 15

University of Chicago Medical Center, proposed inpatient complex, circa 1977

Box 18

Folder 15

Leo Bustad, 1978

Box 18

Folder 16

Janet Rowley, circa 1970s

Box 18

Folder 17

Otho S.A. Sprague Memorial Institute, 1980

Box 19

Folder 1

Sheldon C. Sommers, circa 1981

Box 19

Folder 2

Medical alumni, 1981-1984

Box 19

Folder 3

Medical Staff Organization, 1984

Box 19

Folder 4

Nega Beru, circa 1986

Box 19

Folder 5

Department of Surgery, 1987

Box 19

Folder 6

Mailroom procedures, 1985

Box 19

Folder 7

Home for Destitute Crippled Children, 1988

Box 19

Folder 8

Medical alumni awards luncheon, 1989

Subseries 2: Travel

Box 19

Folder 10-13

1946-1955

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Folder 14

Argentina, 1957-1966

Box 19

Folder 15

1958-1959

Box 19

Folder 16

International Congress of Radiology, 1959

Box 19

Folder 17

Scandinavia, 1961-1962

Box 19

Folder 18

1966-1990s

Subseries 3: Personnel and Financial

Box 20

Folder 1-3

Personnel, 1944-1968

Box 20

Folder 4

Alf Sven Alving, 1964

Box 20

Folder 5

Budget proposals, 1969-1970

Box 20

Folder 6

United States Atomic Energy Commission, 1973

Box 20

Folder 7

Accounts receivable, 1975

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Folder 8

McLean Director's Fund, 1975-1976

Box 20

Folder 9

Research funds, 1975-1977

Box 20

Folder 10

Regenstein Foundation, 1978

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Folder 11

Financial, 1970s

Box 20

Folder 12

Brain Research Foundation, 1982

Box 21

Folder 1

Research funds, 1983-1984

Box 21

Folder 2

Zelda Craig, 1983-1984

Box 21

Folder 3

Medical Alumni Association, 1987-1989

Box 21

Folder 4

Chicago Home for Incurables, 1988

Box 21

Folder 5

Zelda Craig, circa 1980s

Box 21

Folder 6

Financial, circa 1980s

Box 21

Folder 7-8

Medical and Biological Sciences Alumni Association, 1990-1991

Box 21

Folder 9

Otho S.A. Sprague Memorial Institute, 1991

Series III: Writings

This series contains writings by Jacobson and his colleagues, as well as a variety of publications, unpublished writings, and publicity material on topics of interest to Jacobson. This series is organized into three subseries.

Subseries 1: Government Research Reports, 1944-1951, contains declassified and unclassified government documents. Most of these report research conducted by Argonne National Laboratory or the University of Chicago's Metallurgical Laboratory, operating under contract to the United State Atomic Energy Commission. Jacobson was involved in many of these projects as a researcher or administrator. Also included are reports of research carried out at other locations, such as Los Alamos Scientific Laboratory. Most of the reports are organized according to alphanumeric codes assigned by the government agency. Also included in this subseries are the Manhattan Engineer District's reports of investigations of the bombings of Hiroshima and Nagasaki, a set of reports of Jacobson's Toxicity Laboratory research on nitrogen mustards, and a handbook produced by Brookhaven National Laboratory. Associated annotations and correspondence are filed with some reports. The Atomic Energy Commission's partial index of these documents is found at the end of the filing sequence. More detailed indexes of these reports are found in a card file transferred to Series X. A radiation chart associated with one of these reports is also found in Series X.

Subseries 2: Chronological Files, spans the years 1943-1991, and consists mainly of writings by Jacobson, alone or in collaboration with colleagues. Included here are working drafts of many of Jacobson's research articles and speeches, as well as a draft of the monograph Erythropoietin and the Regulation of Erythropoiesis. Material in this subseries includes drafts, notes, reprints, outlines and scripts. Related correspondence, usually discussing editorial matters or requests for reprints, is filed with some writings.

Subseries 3: General Publications and Publicity Material, spans the 1940s-1990s. While much of the material in this subseries documents Jacobson's life and achievements, a wide variety of topics are represented. This subseries contains reprints of works by Jacobson and others; periodicals such as newsletters, magazines, journals, annual reports and conference proceedings; monographs; clippings; and publicity material such as brochures, catalogues and conference programs. This subseries includes a set of alphabetical files identified by title or subject, with the remainder of the files arranged by format. Oversize periodicals and clippings have been transferred to Series X.

Reports, articles and drafts by Jacobson and colleagues are also included in Series II, V and VI.

Subseries 1: Government Research Reports, 1944-1951

Box 22

Folder 1

AECD 1803-2375

Box 22

Folder 2

ANL 4100, 4125, Argonne National Laboratory

Box 22

Folder 3-5

CH 775-3560, Argonne National Laboratory and Metallurgical Laboratory

Box 23

Folder 1-2

CH 3570-3594, Metallurgical Laboratory

Box 23

Folder 3

CH 3615, 3616, Michael Reese Hospital

Box 23

Folder 4-8

CH 3644-3708, Argonne National Laboratory and Metallurgical Laboratory

Box 24

Folder 1-6

CH 3710-3761, Argonne National Laboratory and Metallurgical Laboratory

Box 25

Folder 1-8

CH 3783-3852, Argonne National Laboratory and Metallurgical Laboratory

Box 26

Folder 1-8

CH 3853-3907, Metallurgical Laboratory

Box 26

Folder 9

LA 1092, 1095, Los Alamos Scientific Laboratory

Box 27

Folder 1

LA 1096, 1097, Los Alamos Scientific Laboratory

Box 27

Folder 2-8

MDDC 145-1319

Box 28

Folder 1

MDDC 1451-1778

Box 28

Folder 2

NP 283-613, Atomic Energy Commission investigations of Nagasaki and Hiroshima

Box 28

Folder 3

UCLA-16, University of California-Los Angeles and UR-137, University of Rochester

Box 28

Folder 4

Atomic Energy Commission, cumulated indexes of declassified documents

Box 28

Folder 5

Toxicity Laboratory, effects of HN-2 nitrogen mustards

Box 28

Folder 5

Manhattan Engineer District, "The Atomic Bombings of Hiroshima and Nagasaki"

Box 28

Folder 6

Manhattan Engineer District, "Photographs of the Atomic Bombings of Hiroshima and Nagasaki"

Box 28

Folder 7

Metallurgical Laboratory, unidentified

Box 28

Folder 8

Brookhaven National Laboratory, Radiological Research Accelerator Facility handbook

Subseries 2: Chronological Files

Box 29

Folder 1

Army Officer's Training Course, lecture notes, 1943

Box 29

Folder 2

Drafts, 1946

- "Radioactive Phosphorus as a Therapeutic Agent"
- "Studies on the Effect of Methyl Bis Amine Hydrochloride on a Neoplastic Diseases and Allied Disorders of the Hemopoietic System"

Box 29

Folder 3

Drafts, 1947

- "Clinical Laboratory Examinations of Plutonium Project Personnel"
- "Some Research Aspects of Cancer"

Box 29

Folder 4

Lecture and speech notes, circa 1947-1948

Box 29

Folder 5-6

Radio and television appearances, drafts, correspondence and publicity material, 1947-1962

Box 29

Folder 7

Drafts, 1948

- "Atomic Energy in Medicine and Research"
- "Comparative Studies on the Biological Effects Produced by Radiation and Chemical Agents"
- "The Effect of Splenectomy on the Toxicity of Sr89"
- "Radioactive Arsenic and Other Chemotherapeutic Agents in the Treatment of Leukemia and Allied Disorders"

Box 29

Folder 8

"Radiation Injury," drafts and correspondence, 1948

Box 29

Folder 9

Drafts, circa 1948

- "Altered Response to Radiation"
- "The Argonne Cancer Research Hospital Program"
- "The Evaluation of the Present Forms of Treatment of Polycythemia Rubra Vera"
- "Health Hazards of Atomic Energy"
- "Physicians in an Atomic War"
- "Research on Lymphoma and Allied Disorders at the University of Chicago"
- Unidentified draft

Box 29

Folder 10

Drafts, 1949

- "The Effects of Nitrogen Mustard on Induced Erythroblastic Hyperplasia in Rabbits"
- "The Present Status of the Treatment of Macrocytic Anemia"

Box 30

Folder 1

"Radiation Injury," drafts and correspondence, 1949

Box 30

Folder 2

"The Effect of Folic Acid on the Response of the Peripheral Blood and Blood-Forming Tissue of the Rat to Parenterally Administered Strontium 89," drafts, circa 1940s

Box 30

Folder 3

Abstracts and reviews, circa 1940s-1960s

Box 30

Folder 4

Drafts and notes, circa 1940s-1960s

Box 30

Folder 5

Drafts, 1950

- "The Influence of the Spleen on Hematopoietic Recovery after Irradiation Injury"
- "Progress Report on Radiation Spleen Experiments"
- "Progress Report on Spleen-Shielding Experiments of Animals"
- "Therapeutic Uses of Radioisotopes"
- Editorial submission to the American Medical Association

Box 30

Folder 6

Drafts and editorial correspondence, 1951

- "Factors Effecting X-Ray Inhibition of Antibody Formation"
- "Management of the Lymphomas"
- "Studies on Recovery from Radiation Injury"

Box 30

Folder 7

Drafts, lecture notes, reprints and correspondence, 1951-1952

- "Clinical Uses of Radioactive Isotopes"
- "Factors Effecting X-Ray Inhibition of Antibody Formation"
- "New Phases in Cancer Treatment"
- Unidentified drafts and lecture notes

Box 30

Folder 8

"Lymphosarcoma," drafts, reprints and correspondence, 1951-1960

Box 30

Folder 9

"Evidence for a Humoral Factor (or Factors) Concerned in Recovery from Radiation Injury: A Review," drafts, reprints and correspondence, 1952

Box 30

Folder 10

Press release and unidentified drafts, 1952

Box 31

Folder 1

"The Effect of Spleen-Shielding on the Hematologic Values of the Blood of Rabbits Following Total-Body X Irradiation," drafts and correspondence, 1953-1954

Box 31

Folder 2

Drafts, notes and reprints, 1953

- "Factors Influencing the Irradiation Treatment of Experimental Lymphoid Tumors"
- Unidentified drafts and notes

Box 31

Folder 3

"Preleukemic Acute Human Leukemia," reprints and correspondence, 1953-1962

Box 31

Folder 4

"Prolongation of the Lag Phase of Irradiated Escherichia Coli," reprints, draft and correspondence, 1954

Box 31

Folder 5

"Observations on the Effect of Cell Suspensions on Survival Following Irradiation," drafts and correspondence, 1954

Box 31

Folder 6

"Studies on the Trauma of Radiation Injury," drafts, notes and conference material, 1954

Box 31

Folder 7

Drafts, reprints and correspondence, 1955-1956

- "Erythropoiesis. II. Assay of Erythropoietin in Hypophysectomized Rats"
- "Hematologic Recovery from Radiation Injury"
- "Plasma Factor(s) Influencing Red Cell Production"
- "Studies on the Mechanism of Post-Irradiation Protection"

Box 31

Folder 8

Drafts, reprints and correspondence, 1955-1956

- "The Effect of Rabbit Liver Cell Suspensions on the Survival of Irradiated Rabbits"
- "Erythropoiesis. I. Demonstration of Stimulation of Erythropoiesis by Plasma from Anemic Rats Using Fe⁵⁹"
- "Hematopoietic Responses to Radiation Injury"
- "Modification of Radiation Injury in the Rabbit"
- "Radiation Injury"
- "The Use of Cobalt and Cobalt-Iron Preparations in the Therapy of Anemia"

Box 31

Folder 9

"Erythropoietin and the Regulation of the Red Blood Cell Formation," drafts, reprints and correspondence, 1955-1963

Box 31

Folder 10

"The Spleen," drafts and correspondence, 1956

Box 31

Folder 11

Drafts, correspondence and reprints, 1956-1963

- "Anemia"
- "Internal Medicine"

Box 32

Folder 1

Reprints and correspondence, 1957-1959

- "Control of Red Cell Formation"
- "Studies on Erythropoiesis. VII. The Role of the Kidney in the Production of Erythropoietin"

Box 32

Folder 2

"Studies on Erythropoietin (The Hormone Regulating Red Cell Production)" draft, circa 1950s

Box 32

Folder 3

"The Hematologic Effects of Ionizing Radiation," draft, circa 1950s

Box 32

Folder 4

Drafts and reprints, circa 1950s-1960s

- "The Effect of X-Irradiation on Antibody Formation"
- "Erythropoietin and the Regulation of Red Blood Cell Volume"
- "Studies on Erythropoietin"
- Unidentified draft

Box 32

Folder 5

"Some Factors Influencing the Success of Foreign Hematopoietic Colonization," reprints and notes, 1960

Box 32

Folder 6

Drafts, reprints and correspondence, 1960

- "Comments on the Problem of Red Blood Cell Formation"
- "Comparison of the Effects of Isologous, Homologous, and Heterologous Hematopoietic Tissues on Post-Irradiation Survival"
- "The Kidney and Erythropoietin"
- "The Response of the Transfusion-Induced Polychemic Mouse to Exogenous Erythropoietin"
- "Sites of Formation of Erythropoietin"
- "Some Factors Influencing the Success of Foreign Hematopoietic Colonization"
- "Some Observations on the Mechanism of Recover from Radiation Injury"

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"The Effect of Pre-Immunization on the Capacity of the Mouse to Reject a Heterologous Graft," circa 1961

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- "Control of Erythropoiesis"
- "The Effect of Bone Marrow Protection on Response to Irradiation in Mice"
- "Pioneers in Illinois Medicine"
- "The Relation of Radiations and Radioactivity to the Advances in the Medical Sciences"
- "Regulation of Red Blood Cell Formation"
- "Supplementary Data on Peyer's Patch Shielding and Related Studies"

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"The Quiet War," script, 1971

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"Cancer Centers and Research," drafts and correspondence, 1971

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Brain Research Foundation speech, 1972

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"Training General Practitioners," drafts, 1974

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"Jamestown, North Dakota," drafts, correspondence, clippings and travel material, 1976

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E.R. Squibb & Sons, summaries of information for clinical investigators, 1957

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Series IV: Research Data

This series documents research in Jacobson's laboratory, including work on hemopoiesis, erythropoietin and the effects of radiation on red blood cells. Much of the material in this series was generated by laboratory technicians Edna Marks and Evelyn Gaston.

Material in this series includes graphs, diagrams, tables, lab reports, logs, instructions and notes. Files in this series are arranged alphabetically by subject, but also include a set of general files at the beginning of the series, and some unidentified files at the end. The largest groups of files relate to research on mice, rabbits and rats; many of these headings are further subdivided according to the laboratory's alphabetical codes which identify groups of research animals. Many files are not dated, but likely date from the late 1940s-late 1960s.

Oversize material, consisting of a set of charts related to research on rabbits, has been transferred to Series X.

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This series consists of material related to Jacobson's involvement with organizations other than the University of Chicago; these include professional associations, journals, government organizations, research foundations, honorary societies, civic organizations and educational institutions. This series is arranged alphabetically by organization name, and contains material such as minutes, agendas, programs, publications, proceedings, reports, nominations and related correspondence. Also included are drafts of speeches, though most material of this type is found in Series III. Material in this series spans the years 1947-1992.

Other material related to Jacobson's professional activities outside of the university is found in Series I and III.

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Series VI: Personal

This series contains biographical and autobiographical writings, as well as a variety of materials related to Jacobson's family and personal interests. This series spans the years 1933-2000, with files organized alphabetically by document type. Included in this series are drafts, proofs and reprints of "From Atom to Eve" and other autobiographical writings; collections of biographical clippings and statements; curricula vitae from late in Jacobson's career; family genealogies and histories; and material from memorials and tributes honoring Jacobson's life and achievements. Much of the material in this series was compiled by Elise Torczynski Jacobson; a small amount of her personal papers are included with family material.

Oversize material, including certificates, diplomas, decorative items and family memorabilia have been transferred to Series X. A large collection of personal photographs is found in Series VII.

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Family material, Elise Torczynski Jacobson personal papers, circa 1989-2000
Box 79
Folder 1
Family material, Elise Torczynski Jacobson personal papers, circa 1989-2000
Box 79
Folder 2-4
Family material, genealogy and history, circa 1930s-1992

Box 79

Folder 5-6

Family material, marriage of Leon O. Jacobson and Elise Torczynski Jacobson, 1989

Box 79

Folder 7-8

Guestbooks, 1954-1975

Box 79

Folder 9

Invitations, 1970-1986

Box 80

Folder 1-2

Memorial material, 1992

Box 80

Folder 3-4

Memorial material, letters of condolence, 1992-1993

Box 80

Folder 5

Obituaries, friends and colleagues, 1989-2001

Box 80

Folder 6

Obituaries, Leon O. Jacobson, 1992

Box 81

Folder 1-4

Oral history, Hematology Oral History Project, Columbia University, 1989-1990

Box 81

Folder 5

Poetry, undated

Box 81

Folder 6

Programs, 1966-1970

Box 81

Folder 7

Songbooks, 1952-1960

Box 81

Folder 8

Stationery, undated

Box 81

Folder 9

Travel material, 1985-1988

Box 82

Folder 1

Tribute material, University of Chicago Tribute to Leon O. Jacobson, 1975

Box 82

Folder 2

Tribute material, Fortieth Annual Senior Scientific Session, 1986

Box 82

Folder 3-4

Tribute material, 80th birthday symposium, 1992

Series VII: Photographs, Audio and Digital Media

This series contains material from circa 1880s-1992, and is organized by format. Included in this series are personal photographs, including extensive collections of images of Jacobson and his friends, colleagues and extended family. Also included are slides for presentations and speeches, cassette tapes, and floppy disks.

Oversize photographs and laboratory slides have been transferred to Series X.

Box 82

Folder 5

Leon O. Jacobson, photographs, circa 1930s-1980s

Box 82

Folder 6

Leon O. Jacobson, infancy, photographs, 1913-1914

Box 82

Folder 7

Leon O. Jacobson, with horse on ranch, photograph and family narrative, undated

Box 82

Folder 8

Leon O. Jacobson and colleagues, Conference on Erythropoietin and the Regulation of Erythropoiesis, San Francisco, photographs, circa 1961-1962

Box 82

Folder 9

Leon O. Jacobson and colleagues, National Advisory Cancer Council, photograph, 1970

Box 82

Folder 10

Leon O. Jacobson and colleagues, National Cancer Advisory Board meeting, photographs, 1972

Box 82

Folder 11

Leon O. Jacobson and colleagues, University of Chicago, visit of the Queen of Greece, photograph, circa 1950s

Box 82

Folder 12

Leon O. Jacobson and colleagues, World Health Organization conference, photograph, circa 1950s

Box 82

Folder 13-14

Leon O. Jacobson with colleagues, friends and family, photographs, circa 1930s-1980s

Box 82

Folder 15

Betty Jacobson, photographs, circa 1930s-1950s

Box 82

Folder 16

Eric Jacobson, photographs, circa 1950s-1960s

Box 82

Folder 17

Judith Jacobson, photographs, circa 1950s-1960s

Box 83

Folder 1-2

Jacobson family, photographs, circa 1880s-1990s

Box 83

Folder 3

Jacobson family, photograph albums, circa 1900s-1960s

Box 83

Folder 4-5

Colleagues, friends and family, photographs, circa 1940s-1990s

Box 83

Folder 6

North Dakota Governor Arthur A. Link with unidentified group, photographs, 1977

Box 83

Folder 7

Sims, North Dakota, grade school and Sunday school classes, photographs, circa 1910s

Box 83

Folder 8-9

North Dakota travel, photographs, 1984-1989

Box 83

Folder 10

Artworks, antiques and home furnishings, photographs, circa 1980s-1990s

Box 83

Folder 11

Photographs, circa 1950s-1980s

- Giraffes
- 5712 S. Kenwood, Chicago
- University of Chicago campus viewed from Midway
- Travel scenes

Box 83

Folder 12

Unidentified photographs

Box 84

Folder 1

Sims Church 90th anniversary, slides, circa 1910s-1960s

Box 84

Folder 2

Erythropoietic factor, slides, undated

Box 84

Folder 3-4

Red blood cells, slides, undated

Box 84

Folder 5

Strontium-89, slides, undated

Box 84

Folder 6

Slides, undated

Box 84

Folder 7

Spleen slice implants, negatives, undated

Box 84

Folder 8-10

Leon O. Jacobson burial services, audio cassettes, 1992

Box 85

Folder 1

Leon O. Jacobson and Elise Torczynski Jacobson wedding, audio cassette, undated

Box 85

Folder 2

Answering machine messages, audio cassette, 1992

Box 85

Folder 3

Paul C. Hodges, Sr., audio cassettes, 1991-1992

Box 85

Folder 4

Unidentified audio cassette, undated

Box 85

Folder 5

Floppy disks, circa 1991-1992

Series VIII: Letterbooks

This series consists of annual compilations of selections of Jacobson's professional correspondence from 1966-1974. Subject matter includes administrative matters, medical research, treatment of patients, and evaluations of students and faculty.

Jacobson's correspondence is collected primarily in Series I, but is also found in Series II-VI and IX.

Box 86

1966-1967

Box 87

1968-1970

Box 88

1971-1973

Box 89

1974

Series IX: Medical Records

This series contains records of patients treated by Jacobson, or about whom he consulted with his colleagues. Much of this material consists of correspondence with patients and other physicians. Also included are patient charts, prescription information and research data. Material spans the 1940s-1980s.

Box 89

Folder 1-6

Patient files, A-F, circa 1970s

Box 90

Folder 1-7

Patient files, G-N, circa 1970s

Box 91

Folder 1-8

Patient files, O-Z, circa 1970s

Box 91

Folder 9-11

Erythropoietin research, circa 1940s

Box 92

Folder 1

Erythropoietin research, 1957-1966

Box 92

Folder 2

Cancer Institute research, 1943-1944

Box 92

Folder 3-4

Correspondence, 1940s-1970s

Box 93

Folder 1-5

Correspondence, 1970s-1980s

Box 93

Folder 6

Patient records, circa 1940s-1970s

Series X: Artifacts and Oversize

This series contains oversize material transferred from previous series in the collection. Also included are a variety of artifactual items, including a scrapbook recognizing Jacobson's work with the Council for Tobacco Research, decorative items, glass laboratory slides, and a badge from the 1959 International Congress for Radiology. Material in this series is organized by size.

Box 94

Folder 1-2

Certificates and diplomas, 1927-1967

Box 94

Folder 3

AECD-2111, radiation chart, circa 1948

Box 94

Folder 4

Decorative wall hanging, undated

Box 94

Folder 5

Cancer Research cover featuring Leon O. Jacobson, framed, 1989

Box 95

Folder 1

Rabbits, phenylhydrazine, charts, undated

Box 95

Folder 2

Charles Brenton Huggins, M.D.: Nobel Laureate, Physiology and Medicine, honorary publication, 1966

Box 95

Folder 3

Periodicals and clippings, circa 1970s-1980s

Box 95

Folder 4

Council for Tobacco Research, scrapbook, 1973-1990

Box 96

Folder 1

Photographs

- Leon O. Jacobson, circa 1980s
- University of Chicago Medical School graduating class, 1938-1939

Box 96

Folder 2

Leon O. Jacobson and Eric Jacobson, photograph, circa 1970s

Box 96

Folder 3

Judith Jacobson, photograph, circa 1950s

Box 96

Folder 4

Geologic samples from moon, photographs, 1973

Box 96

Folder 5

Unidentified medical staff and subjects, photographs, undated

Box 96

Folder 6

X-ray slides, 1970

Box 97

Folder 1

Childhood writing, circa 1910s

Box 97

Folder 2

Family members' artwork, undated

Box 97

Folder 3

Morris Fishbein, reproduction of portrait, 1959

Box 97

Folder 4

Time magazine cover featuring Robert Hutchins, framed, 1955

Box 97

Folder 5

Time magazine cover featuring Willard Libby, framed, 1955

Box 98

Published articles, index card file, circa 1960s

Box 98

MDDC reports, index card file, 1960s

Box 98

Unidentified index card file, circa 1960s

Box 98

International Congress for Radiology, badge, 1959

Box 98

Conference name badges, circa 1990

Box 98

Laboratory slides, undated