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Guide to the Seymour Bernstein Papers



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Descriptive Summary

Identifier	ICU.SPCL.BERNSTEIN
Title	Bernstein, Seymour. Papers
Date	1936-1977
Size	1 linear foot (2 boxes)
Repository	Special Collections Research Center University of Chicago Library 1100 East 57th Street Chicago, Illinois 60637 U.S.A.
Abstract	Seymour Bernstein, physicist, engineer, and professor. The Seymour Bernstein Papers consist of correspondence, manuscripts, course materials, notes, articles, photographs, and other materials related to Bernstein.

Information on Use

Access

The collection is open for research.

Citation

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

Biographical Note

Seymour Bernstein was born on February 20, 1909 in Chicago to Isadore Samuel and Etta Sher Bernstein. He received a B.S in engineering from the University of Illinois (1930) and a Ph.D in Physics from the University of Chicago (1939).

Bernstein was an engineer for the city of Chicago from 1930 to 1934. He was an instructor at Austin College, Chicago from 1939 to 1942. In 1942 he came to the University of Chicago as a research associate. In 1944 Bernstein left for the Oak Ridge National Laboratory to work as their chief physicist. He returned to Chicago in 1964 to teach physics at the University of Illinois.

From 1955 to 1956, Bernstein was a visiting professor at the Israel Institute of Technology. From 1961 to 1962 he was a visiting professor at the University of Miami, Coral Gables. Bernstein served as a science delegate for the First International Conference on Peaceful Uses of Atomic Energy in Geneva, Switzerland in 1955. He was also a Fellow of the American Physics Society.

Bernstein married Adelaide Rubin on September 18, 1938. The couple had two daughters, Ruth Alice and Irene Susan.

Scope Note

The Seymour Bernstein Papers consist of professional correspondence (1949-1977); manuscripts; course materials (1949-1974); notes (1963); lists of publications and abstracts (1951-1971); articles regarding the shutdown of Graphite Reactor, Oak Ridge National Laboratory (1963-1964); articles by others (1948-1977); personal documents; and photographs. Included in this is a manuscript of Bernstein's dissertation, "X-ray diffraction by a film of counted molecular layers."

Related Resources

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

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

Subject Headings

- Bernstein, Seymour, 1913-
- Oak Ridge National Laboratory
- Physics
- Physicists
- Photographs

INVENTORY

Box 1

Folder 1

Professional correspondence, 1949-1977

Box 1

Folder 2

Personal, including Monsanto contract of employment, 1945, citation, Society of the Sigma Xi, 1938, resume, 1961

Box 1

Folder 3

Articles regarding the shut-down of Graphite Reactor, Oak Ridge,

- National Lab, 1963-1964

Box 1

Folder 4

Course materials, 1949, 1974

Box 1

Folder 5

Miscellaneous notes, undated

Box 1

Folder 6

Photographs, Oak Ridge National Lab, particles, undated

Box 1

Folder 7

Articles by others, 1948-1977

Box 1

Folder 8

List of publications and abstracts, 1951-1971

Box 1

Folder 9

Articles, undated

Box 1

Folder 10

Reprints and offprints, 1947-1973

Box 2

Folder 1

Dissertation, 1936

Box 2

Folder 2

Typescripts, offprints and reprints, 1942-1945

Box 2

Folder 3

Typescripts, offprints and reprints, 1946-1948

Box 2

Folder 4

Typescripts, offprints and reprints, 1948-1955

Box 2

Folder 5

Typescripts, offprints and reprints, 1954-1957

Box 2

Folder 6

Typescripts, offprints and reprints, 1961-1965

Box 2

Folder 7

Typescripts, 1972-1975

Box 2

Folder 8

Typescripts, undated