



# **Rockefeller University records, President, Frederick Seitz, Archive Center, Series 3**

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Rockefeller Archive Center

15 Dayton Avenue

Sleepy Hollow 10591

[archive@rockarch.org](mailto:archive@rockarch.org)

URL: <http://www.rockarch.org>

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## Table of Contents

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Summary Information .....	3
Biographical/Historical note .....	3
Arrangement note .....	4
File Plan note .....	4
Administrative Information .....	5
Controlled Access Headings .....	5
Other Finding Aids .....	6
Physical Characteristics and Technical Requirements note .....	6
Collection Inventory .....	6
Archive Center .....	6

## Summary Information

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<b>Repository:</b>	Rockefeller Archive Center
<b>Creator - aut:</b>	Seitz, Frederick
<b>Creator:</b>	Rockefeller University
<b>Title:</b>	Rockefeller University records, President, Frederick Seitz, Archive Center, Series 3
<b>ID:</b>	FA816
<b>Date [inclusive]:</b>	1971-1977
<b>Physical Description:</b>	2.64 Cubic Feet 6 document boxes
<b>Language of the Material:</b>	English

### Preferred Citation note

Information regarding the Rockefeller Archive Center's preferred elements and forms of citation can be found at <http://www.rockarch.org/research/citations.php>

[^ Return to Table of Contents](#)

## Biographical/Historical note

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Frederick Seitz (b. July 4, 1911) is a physicist and science administrator. He has made fundamental contributions to the theory of solids, nuclear physics, fluorescence, and crystals, and has been a leader in the post - World War II scientific establishment in the United States. From 1968-1978 Seitz was president of the Rockefeller University.

Seitz entered Stanford University in January 1929, where he started out as a biochemistry major, but soon focused on mathematics and physics. He graduated from Stanford in three years with a degree in mathematics, and started doctoral studies in physics at Princeton University at the beginning of 1932. Completing his doctorate in 1934 Seitz remained at Princeton as a Proctor Fellow, and in 1935 was appointed as an instructor at the University of Rochester. In 1939 Seitz moved to the University of Pennsylvania first as assistant professor, 1939-1941, and then associate professor, 1941-1942, in the Morgan Laboratory of Physics. Seitz moved to the University of Illinois in 1949 to accept an appointment as a professor of Physics. In the 40s and 50s Seitz's research focused on the properties of crystals. His published works included studies of dislocations and imperfections in crystal structures,

the effect of irradiation on crystals, and the process of diffusion in crystalline materials. In 1962 Seitz was elected president of the National Academy of Sciences in Washington, a position which he held for 6 years. In that same year, he became a trustee of the Rockefeller University and in 1968 he went on to become president of the Rockefeller University. In 1973 he received the National Medal of Science, the nation's highest award in science, for his contributions "to the foundation of the modern quantum theory of the solid state of matter."

Among his numerous honors and awards, Dr. Seitz received the Franklin Medal in 1965, the Herbert Hoover Medal in 1968, the Defense Department Distinguished Service Award in Awards in 1968, the NASA distinguished Service in 1969, the Compton Award, the highest award of the American Institute of Physics, in 1970, and the James Madison Medal of Princeton University in 1978. In 1979 he received his second NASA Distinguished Public Service Medal presented for his "dedicated service as chairman of the NASA Space Program Advisory Council from 1973 to 1977. " In addition to the Rockefeller University, 26 universities in this country and abroad have awarded him honorary degrees. In 1983 he received the Fourth Vannevar Bush Award presented by the National Science Board of the National Science Foundation and the R. Loveland Memorial Award of the American College of Physicians. From 1978 to 1983 he served as vice chairman of the Board of Trustees of the Memorial Sloan - Kettering Cancer Center.

Other memberships include the American Academy of Arts and Sciences, The Century Club, the Bohemian Club, the American Philosophical Society, the American Society for Metals, the American Institute of Mining, Metallurgy and Petroleum Engineers, the American Crystallographic Society, the Optical Society of America, the Washington Academy of Science, and a number of European scientific academies.

[^ Return to Table of Contents](#)

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## Arrangement note

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Collection is arranged in six series: 1. Business, 1929-1979 2. Chronological Files, 1969-1978 3. Archive Center, 1971-1977 4. Campus, 1968-1978 5. General Administration, 1958-1979 6. Personal, Biographical and Miscellaneous, 1951-1968.

Arrangement mainly alphabetical and chronological by series.

[^ Return to Table of Contents](#)

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## File Plan note

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Former Classification: 1 304-2

[^ Return to Table of Contents](#)

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## Administrative Information

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### Publication Statement

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15 Dayton Avenue

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[archive@rockarch.org](mailto:archive@rockarch.org)

URL: <http://www.rockarch.org>

### Revision Description

### Conditions Governing Access note

Records 25 years old or older are open to scholarly research. Some minor restrictions are in place, as noted.

[^ Return to Table of Contents](#)

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## Controlled Access Headings

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- Operations management
- Physical sciences
- Urban policy -- New York (State) -- New York
- Regional planning -- New York (N.Y.)
- Physics
- New York (N.Y.)
- Biology -- Research
- Seitz, Frederick
- Rockefeller University

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## Other Finding Aids

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FA141 Rockefeller University records, President, Frederick Seitz, Business, Series 1. FA815 Rockefeller University records, President, Frederick Seitz, Chronological Files, Series 2. FA817 Rockefeller University records, President, Frederick Seitz, Campus, Series 4. FA818 Rockefeller University records, President, Frederick Seitz, General Administration, Series 5. FA819 Rockefeller University records, President, Frederick Seitz, Personal, Biographical and Miscellaneous, Series 6.

[^ Return to Table of Contents](#)

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## Physical Characteristics and Technical Requirements note

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Materials requiring specialized equipment for access (film, audio, video, slides) may be closed to research dependent on availability of the applicable equipment

Brittle or damaged items, or materials otherwise in need of preservation care, may be closed to researchers at the discretion of the RAC Head of Archival Services/Head of Reference.

[^ Return to Table of Contents](#)

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## Collection Inventory

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### Archive Center, 1971-1977

Physical Description: 2.64 Cubic Feet 6 document boxes

#### Scope and Contents note

Includes Working Files.

#### Arrangement note

Arranged in chronological order.

Title/Description	Instances	
Archive Center: Appraisal and Reports, undated	box 1	folder 1
Archive Center - CES Working File-Nelson Aldrich proposal for Library-Archives on RU campus, 1971	box 1	folder 2

Archive Center - CES Working File-excerpts from minutes, 1966-1972	box 1	folder 3
Archive Center - CES Working File-Dr. Sunderlin: visit to Boston, 1972 October 6	box 1	folder 4
Archive Center - CES Working File 1, 1973 April-1974 January	box 1	folder 5
Archive Center - CES Working File 2, 1974 February-June	box 1	folder 6
Archive Center - CES Working File 3, 1974 July-August	box 1	folder 7
Archive Center - CES Working File, 1974 August-1975 January	box 1	folder 8
Archive Center - CES Working File, 1975 February-October	box 2	folder 1
Archive Center - CES Working File, 1975 November-1976 June	box 2	folder 2
Archive Drafts, 1976	box 2	folder 3
Archive Center - CES Working File, Photographs and Artist's Conceptions, undated	box 2	folder 4
The Chemical Foundation - Francis P. Garvan, 1971	box 2	folder 5
Rockefeller Archives Center, memos regarding construction, 1973-1974	box 2	folder 6
Archive Center: Papers thru - File 1 (Bronk Administration), 1968 April	box 2	folder 7
Archive Center: Papers from - File 2 (Seitz Administration), 1968 June-1969 December	box 2	folder 8
Archive Center: File 3, papers from, 1970	box 2	folder 9
Archive Center: File 4, 1971	box 3	folder 1
Archive Center: File 4, 1972 January-March 27	box 3	folder 2
Archive Center: File 4, 1972 March 28-April 18	box 3	folder 3
Archive Center: File 4, 1972 April 24-June 15	box 3	folder 4
Archive Center: File 4, 1972 July 7-1973 October 11	box 3	folder 5
Archive Center, 1972-1973	box 4	folder 1
Archive Center: File 5, 1973 October 4-1974 January	box 4	folder 2
Archive Center, 1974 January-June	box 4	folder 3
Archive Center: File 5, 1974 February-March	box 4	folder 4
Archive Center, 1974 July-August	box 4	folder 5
Archive Center, 1974 September-December	box 4	folder 6
Archive Center: File 5, 1974 April-June	box 5	folder 1
Archive Center: File 6, 1974 July-September	box 5	folder 2
Archive Center: File 6, 1974 October-1975 February		

	box 5	folder 3
Archive Center, 1975 January-December	box 5	folder 4
Archive Center: File 7, 1975 March-1976 February	box 5	folder 5
Archive Center: File 7, 1976 March-May	box 5	folder 6
Archive Center: File 7, 1976 June-August	box 6	folder 1
Archive Center: File 8, 1976 September-November	box 6	folder 2
Archive Center: File 8, 1976 December-1977 December	box 6	folder 3
Archive Center: File 9, 1977-1978	box 6	folder 4

[^ Return to Table of Contents](#)