



# **Rockefeller University records, President, Frederick Seitz, Campus, Series 4**

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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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## Summary Information

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<b>Repository:</b>	Rockefeller Archive Center
<b>Creator:</b>	Rockefeller University
<b>Creator - aut:</b>	Seitz, Frederick
<b>Title:</b>	Rockefeller University records, President, Frederick Seitz, Campus, Series 4
<b>ID:</b>	FA817
<b>Date [inclusive]:</b>	1968-1978
<b>Physical Description:</b>	8 Cubic Feet 16 boxes
<b>Language of the Material:</b>	English

### Preferred Citation

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

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## 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.

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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.

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## File Plan note

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Former Classification: 1 304-2

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## Administrative Information

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### Publication Statement

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### Revision Description

### Conditions Governing Access note

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

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## Controlled Access Headings

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

## Other Finding Aids

FA141 Rockefeller University records, President, Frederick Seitz, Business, Series 1. FA815 Rockefeller University records, President, Frederick Seitz, Chronological Files, Series 2. FA816 Rockefeller University records, President, Frederick Seitz, Archive Center, Series 3. FA818 Rockefeller University records, President, Frederick Seitz, General Administration, Series 5. FA819 Rockefeller University records, President, Frederick Seitz, Personal, Biographical and Miscellaneous, Series 6.

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## Physical Characteristics and Technical Requirements note

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.

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## Collection Inventory

### Campus, 1968-1978

Physical Description: 8 Cubic Feet 16 boxes

#### Scope and Contents note

Includes Air Rights, FDR Drive projects, 63rd Street Subway projects.

#### Arrangement note

Arranged in chronological order.

Title/Description	Instances	
Jackson Laboratory, 1968	box 1	folder 1
Air Rights and highways, Technical Bulletin, 1969	box 1	folder 2
Experimental Program of Fellowships, 1969	box 1	folder 3

Papers on Zoning, 1969	box 1	folder 4
Air Rights and Highways, Technical Bulletin 1964, 1969	box 1	folder 5
International Union for the Conservation of Nature and Natural Resources, 1969	box 1	folder 6
Air Rights - FDR Drive Background Papers, 1969-1970	box 1	folder 7
Correspondence regarding oil burners, incinerators and compactors, 1970	box 1	folder 8
Urban Development Corporation, 1970	box 1	folder 9
Report on electrical, steam and water utilities for the New York Hospital - Cornell Medical Center, 1970	box 1	folder 10
East River subway tunnel blasting, 1964-1971	box 1	folder 11
Pollution and environmental matters, 1970-1971	box 1	folder 12
Relevant newspaper articles, 1970-1971	box 1	folder 13
Air Rights Project - Architect/Client general notes, 1971	box 2	folder 1
Air Rights Project - Architect/Client meeting notes, 1971	box 2	folder 2
Neurophysiology, Report of Committee on, 1971	box 2	folder 3
Air Rights - FDR Drive and East River Drive Medical Complex, 1971	box 2	folder 4
Inventory of selected community medical programs and activities of The New York Hospital - Cornell Medical Center, 1971	box 2	folder 5
Air Rights - CES Working File - East River Drive Air Rights proposal, 1971	box 2	folder 6
Air Rights - FDR Drive "Active File I" through, 1971 January	box 2	folder 7
East River Drive Air Rights Proposal of the York Ave. Institutions, 1971	box 2	folder 8
Air Rights - FDR Drive "Active File II" through, 1971 February	box 3	folder 1
Air Rights - FDR Drive N. Y. Times article, 1971 February 17	box 3	folder 2
Air Rights - FDR Drive "Active File III" through, 1971 April	box 3	folder 3
Air Rights - FDR Drive "Active File IV" through, 1971 June	box 4	folder 1
Air Rights - FDR Drive - Dr. Sunderlin: East Side Association meeting, 1971 June 2	box 4	folder 2
Air Rights - FDR Drive - Dr. Sunderlin: Air Rights staff meeting (at 3:00 pm), 1971 June 23	box 4	folder 3
Air Rights - FDR Drive "Active File V" through, 1971 August	box 4	folder 4
Air Rights - FDR Drive "Active file VI" through, 1971 October	box 5	folder 1
Caspari Auditorium construction and renovation, 1968-1974	box 5	folder 2

Syska and Hennessy, Inc., 1968-1972	box 5	folder 3
City Planning Commission, 1969-1972	box 5	folder 4
Air Rights - FDR Drive "Active File VIII" through, 1972 May	box 6	folder 1
Air Rights - FDR Drive - N. Y. Times article, 1972 May 24	box 6	folder 2
Air Rights - FDR Drive "Active file VIII" through, 1972 March	box 6	folder 3
Air Rights Project "Black Books", 1972	box 6	folder 4
Air Rights Project, 1972	box 6	folder 5
Air Rights - FDR Drive - Working file: Interinstitutional Agreement, 1972	box 7	folder 1
Air Rights - FDR Drive "Active File X" through, 1972 August	box 7	folder 2
Air Rights - FDR Drive "Active File X" through, 1972 August	box 7	folder 3
Air Rights - CES Working File, Dr. Sunderlin, 1972	box 7	folder 4
Air Rights - FDR Drive "Active file XI" through, 1972 December	box 8	folder 1
Air Rights - FDR Drive "Active file XI" through, 1972 December	box 8	folder 2
Air Rights - FDR Drive "Active file XI" through, 1972 December	box 8	folder 3
Air Rights - FDR Drive "Active file XI" through, 1972 December	box 8	folder 4
Air Rights - CES Working file, 1972	box 8	folder 5
CES Working File, Memos, 1972	box 8	folder 6
Air Rights - CES Working File - FS, DR, Rick S., SA, W-C, 1972-1973	box 9	folder 1
Air Rights - CES Working File - Sutton Terrace letter on declaration, 1972-1973	box 9	folder 2
Air Rights - CES Working File - Goodman/Berle, 1971-1973	box 9	folder 3
Air Rights - FDR Drive - Invoices, 1971-1974	box 9	folder 4
Air Rights - FDR Drive "Active File XII", 1973	box 9	folder 5
Air Rights - FDR Drive "Active File XII", 1973-1975	box 9	folder 6
Air Rights - FDR Drive "Active File XIII", 1973	box 10	folder 1
Air Rights - FDR Drive "Active File XIII", 1973	box 10	folder 2
Air Rights Project of the York Ave. Institutions, 1973	box 10	folder 3
Environmental Sciences Review Committee (ad hoc), 1973	box 10	folder 4
Matters of Continuing Importance, 1973	box 10	folder 5
Air Rights - FDR Drive "Active Files XIV", 1973	box 11	folder 1
Air Rights Project - Selected notes of meetings, 1973	box 11	folder 2



University Fellows Program, 1973-1974	box 11	folder 3
Air Rights - FDR Drive "Active File XII" through, 1974 December	box 11	folder 4
Air Rights - FDR Drive "Active File XII" through, 1974 December	box 11	folder 5
RU Council, 1974-1975	box 12	folder 1
Planning - Physical Chemistry, 1975	box 12	folder 2
York Avenue Mall Proposal, 1974-1976	box 12	folder 3
FAH - Traffic Problem, 1975-1976	box 12	folder 4
RU Council, 1975-1977	box 12	folder 5
Jenny Engineering, 1976	box 12	folder 6
Jenny Engineering, 1976-1977	box 13	folder 1
Subway - WOHL, 1976-1977	box 13	folder 2
Community Board #8, 1976-1977	box 13	folder 3
Subway - Public Hearings, 1977	box 13	folder 4
Scenario, 1977 May 31	box 13	folder 5
Mayor's Advisory Committee-63rd Street Subway, 1977	box 13	folder 6
Subway - DR letter to Academic Council, 1977	box 13	folder 7
63rd Street Subway, 1977	box 13	folder 8
63rd Street Subway, 1977	box 14	folder 1
Subway - Animal House Study, 1977	box 14	folder 2
Matters of Continuing Importance II, 1973-1977	box 14	folder 3
Storch Engineering-63rd St, 1976-1978	box 14	folder 4
Subway, 1977-1978	box 14	folder 5
Sutton Terrace Rent Rolls, 1969	box 15	folder 1
Sutton Terrace Rent Rolls, 1970	box 15	folder 2
Sutton Terrace Rent Rolls, 1971	box 15	folder 3
Sutton Terrace Rent Rolls, 1972	box 16	folder 4
Sutton Terrace Rent Rolls, 1973	box 16	folder 5
Sutton Terrace Rent Rolls, 1974	box 16	folder 6
Sutton Terrace Rent Rolls, 1975	box 16	folder 7

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