

Stein (William H.) papers

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Rockefeller Archive Center

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Summary Information

| | |
|----------------------------------|---|
| Repository: | Rockefeller Archive Center |
| Creator - ctb: | Moore, Stanford |
| Creator - aut: | Stein, William H. |
| Creator: | Rockefeller Institute for Medical Research |
| Creator: | Rockefeller University |
| Title: | William H. Stein papers, Rockefeller University Faculty |
| ID: | FA127 |
| Date [inclusive]: | 1937-1980 |
| Physical Description: | 35 Cubic Feet |
| Language of the Material: | 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

William Stein, whose work focused on the relationships between the chemical structures of proteins with their biological functions, was born in New York City in 1911. He was educated at Exeter Academy and Harvard University, graduating with a B.S. degree in 1933. It was while he was pursuing his doctoral studies at Columbia University that he first became associated with The Rockefeller University, then known as the Rockefeller Institute for Medical Research. He began as a volunteer in the laboratory of chemist Max Bergmann. After he graduated from Columbia in 1938, he was employed as an assistant in Bergmann's laboratory. In 1952, Dr. Stein became a member of the Institute and then later a Professor at the University. Although stricken with Guillain-Barre Syndrome in 1969, he continued to do his research up to the time of his death in 1980.

Over the years, Dr. Stein worked with colleagues to develop chromatographic procedures for the separation and quantitative determination of amino acids. These procedures proved very valuable

by facilitating the analysis of amino acids as well as other substances found in such biological fluids as blood plasma, tissue extracts, and urine. Dr. Stein collaborated extensively with his fellow Rockefeller colleague, Dr. Stanford Moore. In 1959, for the first time, Drs. Stein and Moore succeeded to decipher the complete chemical structure of ribonuclease. Together, they developed special scientific instrumentation related to their research, including automatic amino acid analyzers and automatic fraction collectors. These types of equipment later became commercially available and widely used.

In 1972, Drs. Stein and Moore were jointly awarded the Nobel Prize in Chemistry for investigations on the structure and activity of ribonuclease. They also shared a number of other awards. In 1964, they received the Electrophoresis and Chromatography Award from the American Chemical Society in recognition of the analytical methods they developed. That organization also presented them with the Theodore William Richard Medal in 1972 for their contributions to protein chemistry.

Dr. Stein frequently contributed to numerous scientific periodicals. He was chairman of the editorial committee of the American Society of Biological Chemists (1958-1961) and the editor of the Journal of Biological Chemistry (1968-1971). Dr. Stein was active in a number of scientific societies. In 1960 he was elected to the National Academy of Sciences and was named a fellow of the American Academy of Arts and Sciences.

A dedicated teacher, William Stein delivered, along with colleagues Lyman Craig and Stanford Moore, a lecture entitled "On Separating Things" at the Rockefeller Institute in 1961. This lecture series was repeated in Boston in 1962. The lectures, which focused on the techniques of physical and chemical separations on which much of modern biological science rests, were given to a specially selected group of high school students. At various points in his career, Dr. Stein was a Harvey Lecturer, a Phillips Lecturer at Haverford College, and an American-Swiss Foundation Fellow and Lecturer.

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Arrangement note

Arranged in chronological and alphabetical order.

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File Plan note

Former Classification: I 450 St34

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Administrative Information

Publication Statement

Rockefeller Archive Center

15 Dayton Avenue

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

Revision Description

Paper finding aid converted to EAD/XML by AureXus in 2010. Imported into the Archivists' Toolkit by Becky Robbins. 6 August 2010

Conditions Governing Access note

This collection is open for research.

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Controlled Access Headings

- Electrophoresis
- Medical sciences
- Amino acids
- Medical research
- Cell and biomolecular sciences
- Biology -- Research
- Biochemistry
- Blood
- Moore, Stanford
- Stein, William H.
- Rockefeller Institute for Medical Research
- Rockefeller University

Physical Characteristics and Technical Requirements

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

Personal Files, 1972-1980

Physical Description: 0.44 Cubic Feet

Scope and Contents note

Includes biographical and Nobel Prize material.

Arrangement note

Arranged in alphabetical order.

| Title/Description | Instances | |
|--|-----------|----------|
| Biography and Bibliography | box 1 | folder 1 |
| Certificate of Gift | box 1 | folder 2 |
| Nobel Prize 1972 | box 1 | folder 3 |
| Obituary Items | box 1 | folder 4 |
| Photographs and Newsclippings | box 1 | folder 5 |
| Richards Medal 1972 (includes tape of address by Dr. Westheimer at ceremony) | box 1 | folder 6 |

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Correspondence, 1937-1980

Physical Description: 4.84 Cubic Feet

Scope and Contents note

Includes primarily professional correspondence.

Arrangement note

Arranged in alphabetical and then in chronological order.

| Title/Description | Instances | |
|---|------------------|-----------|
| ["A"] | box 2 | folder 1 |
| American Association of Cereal Chemists | box 2 | folder 2 |
| American Chemical Society | box 2 | folder 3 |
| American Society of Brewing Chemists | box 2 | folder 4 |
| Anfinsen, Christian B. | box 2 | folder 5 |
| ["B"] | box 2 | folder 6 |
| Bailey, J. Leggett | box 2 | folder 7 |
| Bean-Benjamin | box 2 | folder 8 |
| Bennett-Bloch | box 2 | folder 9 |
| Blomback-Bruice | box 2 | folder 10 |
| Bohak, Zvi | box 2 | folder 11 |
| Books | box 2 | folder 12 |
| Borsook, Henry | box 2 | folder 13 |
| Brigham, M.P. | box 3 | folder 1 |
| Brenner, Max | box 3 | folder 2 |
| Buchanan | box 3 | folder 3 |
| Burke-Butler | box 3 | folder 4 |
| Calbiochem-Chargaff | box 3 | folder 5 |
| Carter, H.E. | box 3 | folder 6 |
| Catley, Brian John | box 3 | folder 7 |
| Cherkasky-Claude | box 3 | folder 8 |
| Cohen-Collman | box 3 | folder 9 |
| Colowick-Curtis | box 3 | folder 10 |
| Crampton, C.F. | box 3 | folder 11 |
| Crestfield, Arthur M. | box 3 | folder 12 |
| Datta-DeRay | box 3 | folder 13 |
| DeSnuelle-Duty | box 3 | folder 14 |

| | | |
|--------------------------|-------|-----------|
| Dopheide, T.A.A. | box 3 | folder 15 |
| Eagle-Elms | box 3 | folder 16 |
| Edelman, Gerald M. | box 4 | folder 1 |
| Edmundson, Jr., Allen B. | box 4 | folder 2 |
| Elsas | box 4 | folder 3 |
| Elsevier-Evans | box 4 | folder 4 |
| Ettre, L.S. | box 4 | folder 5 |
| Farber-Fisher | box 4 | folder 6 |
| Ferdinand, William | box 4 | folder 7 |
| Fishman-Frey | box 4 | folder 8 |
| Frimpter | box 4 | folder 9 |
| Fruchter, Mrs. R.G. | box 4 | folder 10 |
| Fruton, J.S. | box 4 | folder 11 |
| Garcia, Ghiretti | box 5 | folder 1 |
| Ghose-Gottschalk | box 5 | folder 2 |
| Grazi-Gunnery | box 5 | folder 3 |
| Gunsalus-Gutte | box 5 | folder 4 |
| Harte, Robert A. | box 5 | folder 5 |
| Harte, Robert A. | box 5 | folder 6 |
| Hamilton, P.B. | box 5 | folder 7 |
| Handler, Philip | box 5 | folder 8 |
| Haidemenakis-Hayden | box 5 | folder 9 |
| Head-Hill | box 5 | folder 10 |
| Hirs-Hurwitz | box 5 | folder 11 |
| Hofmann, Klaus | box 6 | folder 1 |
| Holt, Allen | box 6 | folder 2 |
| Horecker, B.L. | box 6 | folder 3 |
| ["I-J"] | box 6 | folder 4 |
| Jones, Glyn | box 6 | folder 5 |
| Kabat-Kay | box 6 | folder 6 |
| Kendrew, John C. | box 6 | folder 7 |
| Kennedy-Knowles | box 6 | folder 8 |

| | | |
|--|--------|-----------|
| Kessler, Alexander | box 6 | folder 9 |
| Koch-Kupke | box 6 | folder 10 |
| ["L"] | box 6 | folder 11 |
| Lindestrom-Lang Medal | box 6 | folder 12 |
| Ludblad, Robert L. | box 7 | folder 1 |
| Ludblad, Robert L. | box 7 | folder 2 |
| Ludblad, Robert L. | box 7 | folder 3 |
| Ludblad, Robert L. | box 7 | folder 4 |
| McClure-Marks | box 7 | folder 5 |
| Marsh-Murachi | box 7 | folder 6 |
| Montefiore Hospital | box 7 | folder 7 |
| Moore, Stanford | box 8 | folder 1 |
| Moore, Stanford, 1978-1979 | box 8 | folder 2 |
| National Academy of Sciences 1945 Conference, 1945 | box 8 | folder 3 |
| Nemethy-Notre Dame | box 8 | folder 4 |
| Neuberger, Albert | box 8 | folder 5 |
| Neuman, N.P. | box 8 | folder 6 |
| Neurath, Hans | box 8 | folder 7 |
| Ogston-Overberger | box 8 | folder 8 |
| Ota, Shoshi | box 8 | folder 9 |
| Page-Paulus | box 9 | folder 1 |
| Pearson-Phillips | box 9 | folder 2 |
| Photaki-Porter, K. | box 9 | folder 3 |
| Porter, R.-Pusey | box 9 | folder 4 |
| Perlmann, Gertrude E. | box 9 | folder 5 |
| Rabin-Rawson | box 9 | folder 6 |
| Rasmussen, Howard | box 9 | folder 7 |
| Redlich-Ris | box 9 | folder 8 |
| Richards, F.M. | box 9 | folder 9 |
| Richards, F.M. | box 9 | folder 10 |
| Robbins-Roseman | box 10 | folder 1 |
| Rosenberg-Rutter | box 10 | folder 2 |

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|-------------------------|--------|-----------|
| Rohm & Haas Company | box 10 | folder 3 |
| Sacchi-Saunders | box 10 | folder 4 |
| Schachman-Scully | box 10 | folder 5 |
| Sela-Shedlovsky | box 10 | folder 6 |
| Schroeder, Walter A. | box 10 | folder 7 |
| Shields-Slater | box 10 | folder 8 |
| Shook and Bingaman | box 10 | folder 9 |
| Skupin, J. | box 10 | folder 10 |
| Smith, Emil L. | box 11 | folder 1 |
| Smith, Emil L. | box 11 | folder 2 |
| Smith-Stetten | box 11 | folder 3 |
| Smyth, Derek G. | box 11 | folder 4 |
| Soviet Scientists, 1973 | box 11 | folder 5 |
| Sternglaz, Rolf | box 11 | folder 6 |
| Stever-Synge | box 11 | folder 7 |
| Stroock, Dan | box 11 | folder 8 |
| Taborsky-Tuchman | box 11 | folder 9 |
| Tiselius, Arne | box 11 | folder 10 |
| Ubell-Utter | box 11 | folder 11 |
| Uziel, Mayo | box 11 | folder 12 |
| Vagelos-Von Hippel | box 11 | folder 13 |
| Wacker-Weinstein | box 12 | folder 1 |
| Weizmann-Williams | box 12 | folder 2 |
| Westheimer, Frank | box 12 | folder 3 |
| White, Abraham | box 12 | folder 4 |
| Whitney Foundation | box 12 | folder 5 |
| Wiley & Sons, Inc. | box 12 | folder 6 |
| Wolf-Wyman | box 12 | folder 7 |
| Woodford, F. Peter | box 12 | folder 8 |
| Yanari-Zinn | box 12 | folder 9 |

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Lecture Files, 1950-1969

Physical Description: 4.4 Cubic Feet

Scope and Contents note

Includes lecture transcripts, notes and some correspondence.

Arrangement note

Arranged in alphabetical order by lecture topic and/or location.

| Title/Description | Instances | |
|---|-----------|-----------|
| Lectures: Summaries and Reading Lists | box 13 | folder 1 |
| Lectures: Summaries and Reading Lists | box 13 | folder 2 |
| Syllabi for Harvard Lectures | box 13 | folder 3 |
| Lectures I - Introduction | box 13 | folder 4 |
| Lectures II - Isolation of Proteins | box 13 | folder 5 |
| Lectures III - Separation Methods | box 13 | folder 6 |
| Lectures IV - Chromatography | box 13 | folder 7 |
| Lectures V - Prelude to Sequence Studies | box 13 | folder 8 |
| Lectures VI - Determining the Sequence of Amino Acid Residue in a Protein | box 13 | folder 9 |
| Lectures VII - Three Dimensional Structures | box 13 | folder 10 |
| Lectures VIII | box 13 | folder 11 |
| Lectures IX | box 14 | folder 1 |
| Lectures X | box 14 | folder 2 |
| Lectures XII | box 14 | folder 3 |
| Scope and Contents note | | |
| *Lectures XI not included. | | |
| American Chemical Society (ACS), 1950 February-September | box 14 | folder 4 |
| ACS Lecture, 1955 March 9 | box 14 | folder 5 |
| ACS Lecture, 1955 March 9 | box 14 | folder 6 |
| ACS Lecture September, 1965-1966 | box 14 | folder 7 |
| Brandeis University, 1967 November | box 14 | folder 8 |
| Brigham | box 14 | folder 9 |
| Brookhaven, 1960 June | box 15 | folder 1 |
| Brookhaven and Harvard, Lectures, Spring 1956 | box 15 | folder 2 |

| | | |
|---|--------|-----------|
| Brookhaven and Harvard, Lectures, Spring 1956 | box 15 | folder 3 |
| Brooklyn Biology Lecture, 1953 January | box 15 | folder 4 |
| Calif. Trip, 1969 | box 15 | folder 5 |
| Calif. Trip, 1969 | box 15 | folder 6 |
| Chicago Lecture January, 1960 | box 15 | folder 7 |
| Chicago Lecture January, 1960 | box 15 | folder 8 |
| Christmas Lecture One, 1961 | box 15 | folder 9 |
| Christmas Lecture One, 1961 | box 16 | folder 1 |
| Christmas Lecture One, 1961 | box 16 | folder 2 |
| Christmas Lecture One, 1961 | box 16 | folder 3 |
| Christmas Lecture Five, 1961 | box 16 | folder 4 |
| Christmas Lecture Five, 1961 | box 16 | folder 5 |
| Christmas Lecture Five, 1961 | box 16 | folder 6 |
| Ciba Symposium London, 1952 | box 16 | folder 7 |
| Ciba Symposium London, 1952 | box 16 | folder 8 |
| Ciba Symposium London, 1952 | box 16 | folder 9 |
| Cold Spring Harbor Symposium, 1949 | box 17 | folder 1 |
| College of Physicians and Surgeons Bicentennial | box 17 | folder 2 |
| Column Chromatography - Northwestern University, 1950 February 6 | box 17 | folder 3 |
| Copenhagen, 1969 | box 17 | folder 4 |
| Copenhagen, 1969 | box 17 | folder 5 |
| Copenhagen, 1969 | box 17 | folder 6 |
| Darwin Centennial Lecture, 1959 March | box 17 | folder 7 |
| Darwin Centennial Lecture, 1959 March | box 17 | folder 8 |
| Duke Seminar, 1962 | box 17 | folder 9 |
| Duke Seminar, 1962 | box 17 | folder 10 |
| Eli Lilly Lecture, 1961 May | box 18 | folder 1 |
| Federation Talk - Chicago, 1957 | box 18 | folder 2 |
| Gordon Conference, 1953-1954 | box 18 | folder 3 |
| Gordon Conference, 1955 | box 18 | folder 4 |
| Gordon Conference, 1961 June | box 18 | folder 5 |
| Gordon Conference, 1961 June | | |

| | | |
|--|--------|-----------|
| | box 18 | folder 6 |
| Gordon Conference, 1965 | box 18 | folder 7 |
| Gordon Conference, 1966 | box 18 | folder 8 |
| Gordon Conference, 1966 | box 18 | folder 9 |
| Gordon Conference, 1966 | box 18 | folder 10 |
| Gordon Conference, 1968 | box 19 | folder 1 |
| Harvey Lecture, 1956 | box 19 | folder 2 |
| Harvey Lecture, 1956 | box 19 | folder 3 |
| India Trip | box 19 | folder 4 |
| Insulin | box 19 | folder 5 |
| International Congress of Biochemistry, 1949 | box 19 | folder 6 |
| Isolation of Pure Amino Acids | box 19 | folder 7 |
| Israel, 1965 | box 19 | folder 8 |
| Israel, 1965 | box 19 | folder 9 |
| Israel, 1965 | box 19 | folder 10 |
| Israel, 1965 | box 19 | folder 11 |
| Italy, 1964 | box 19 | folder 12 |
| Italy, 1964 | box 20 | folder 1 |
| MIT Lecture, 1960 November | box 20 | folder 2 |
| Montreal Talk, 1954 October | box 20 | folder 3 |
| NATO - Venice, 1970 | box 20 | folder 4 |
| Orientation Lectures | box 20 | folder 5 |
| P-Nitrophenyl Acetate | box 20 | folder 6 |
| Paris Symposium, 1957 | box 20 | folder 7 |
| Pennsylvania Seminars, 1967 March | box 20 | folder 8 |
| Philip Shaffer Lecture, 1965 | box 20 | folder 9 |
| Phillips Lecture, 1962 | box 20 | folder 10 |
| Phillips Lecture, 1962 | box 20 | folder 11 |
| Pittsburgh Lecture, 1955 February 8 | box 20 | folder 12 |
| Purdue-February, 1966 | box 21 | folder 1 |
| Purdue-February, 1966 | box 21 | folder 2 |
| Purdue-February, 1966 | box 21 | folder 3 |

| | | |
|---------------------------------|--------|-----------|
| RIMR Staff Meeting, 1952 | box 21 | folder 4 |
| Rutgers-Princeton Seminar, 1969 | box 21 | folder 5 |
| Seattle Talk April, 1955 | box 21 | folder 6 |
| Seattle Talk April, 1955 | box 21 | folder 7 |
| Starch Gel Studies | box 21 | folder 8 |
| Survey of Chemistry Panel, 1964 | box 21 | folder 9 |
| Swiss Lectures, 1956 | box 21 | folder 10 |
| Switzerland Trip, Fall 1956 | box 22 | folder 1 |
| Switzerland Trip, Fall 1956 | box 22 | folder 2 |
| Switzerland Trip, Fall 1956 | box 22 | folder 3 |
| Switzerland Trip, Fall 1956 | box 22 | folder 4 |
| Switzerland Trip, Fall 1956 | box 22 | folder 5 |
| Symposium Talk, 1956 April | box 22 | folder 6 |
| Tokyo, 1967 | box 22 | folder 7 |
| Venice, 1967 | box 22 | folder 8 |
| Venice, 1967 | box 22 | folder 9 |
| Venice, 1967 | box 22 | folder 10 |
| Western Trip, Summer 1959 | box 22 | folder 11 |

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Administrative Work, 1960-1974

Physical Description: 6.6 Cubic Feet

Scope and Contents note

Includes correspondence and files with both professional and RU administrative bodies.

Arrangement note

Arranged in alphabetical order by name of organization.

| Title/Description | Instances | |
|--|-----------|----------|
| Academic Council | box 23 | folder 1 |
| American Society of Biological Chemists (ASBC) | box 23 | folder 2 |
| American Society of Biological Chemists | box 23 | folder 3 |
| American Society of Biological Chemists | box 23 | folder 4 |

| | | |
|--|--------|----------|
| American Society of Biological Chemists | box 23 | folder 5 |
| ASBC Council, 1959 | box 23 | folder 6 |
| ASBC Bylaws, 1961-1962 | box 23 | folder 7 |
| ASBC Nominating Committee | box 23 | folder 8 |
| ASBC Council, 1960 | box 24 | folder 1 |
| ASBC Council, 1960 | box 24 | folder 2 |
| ASBC Council, 1960 | box 24 | folder 3 |
| ASBC Council, 1961 | box 24 | folder 4 |
| ASBC Council, 1961 | box 24 | folder 5 |
| ASBC Finance Committee, 1961 | box 24 | folder 6 |
| ASBC Finance Committee, 1959 January-June | box 25 | folder 1 |
| ASBC Finance Committee, 1959 July-December | box 25 | folder 2 |
| ASBC Finance Committee, 1960 | box 25 | folder 3 |
| ASBC Finance Committee, 1960 | box 25 | folder 4 |
| ASBC Finance Committee, 1961 | box 25 | folder 5 |
| ASBC Finance Committee, 1962 | box 26 | folder 1 |
| ASBC Finance Committee, 1962 | box 26 | folder 2 |
| ASBC Finance Committee, 1962 | box 26 | folder 3 |
| ASBC Finance Committee, 1963 January-May | box 26 | folder 4 |
| ASBC Finance Committee, 1963 January-May | box 26 | folder 5 |
| ASBC Finance Committee, 1963 January-May | box 26 | folder 6 |
| ASBC Finance Committee, 1963 June-December | box 27 | folder 1 |
| ASBC Finance Committee, 1963 June-December | box 27 | folder 2 |
| ASBC Finance Committee, 1963 June-December | box 27 | folder 3 |
| ASBC Finance Committee, 1964 | box 27 | folder 4 |
| ASBC Finance Committee, 1964 | box 27 | folder 5 |
| ASBC Finance Committee, 1965 | box 28 | folder 1 |
| ASBC Finance Committee, 1965 | box 28 | folder 2 |
| ASBC Finance Committee, 1965 | box 28 | folder 3 |
| ASBC Finance Committee, 1969 | box 28 | folder 4 |
| Associated Universities | box 28 | folder 5 |
| Bronk | box 28 | folder 6 |

| | | |
|---|--------|----------|
| Building and Grounds | box 28 | folder 7 |
| Budget | box 28 | folder 8 |
| Budget | box 28 | folder 9 |
| Departmental Affairs | box 29 | folder 1 |
| Departmental Affairs | box 29 | folder 2 |
| Division of Chemistry and Chemical Technology | box 29 | folder 3 |
| Division of Chemistry and Chemical Technology | box 29 | folder 4 |
| Faculty Committee on Biochemistry and Chemistry | box 29 | folder 5 |
| FASEB | box 29 | folder 6 |
| Flinn-Safety | box 29 | folder 7 |
| Grant # GM-07256 Renewal, 1966 | box 30 | folder 1 |
| Grant # GM-07256 Renewal, 1966 | box 30 | folder 2 |
| Grant # GM-07256-09 | box 30 | folder 3 |
| Grant # GM-07256-09 | box 30 | folder 4 |
| Grant # GM-07256-09 | box 30 | folder 5 |
| Grant # GM-07256-10 | box 30 | folder 6 |
| Grant # GM-07256-18 | box 30 | folder 7 |
| Grant # GM-07256-18 | box 30 | folder 8 |
| Grant # GM-07256-18 | box 30 | folder 9 |
| Harvard Search Committee | box 31 | folder 1 |
| ICSU | box 31 | folder 2 |
| ICSU | box 31 | folder 3 |
| ICSU | box 31 | folder 4 |
| International Union of Biochemists | box 31 | folder 5 |
| International Union of Biochemists | box 31 | folder 6 |
| International Union of Biochemists | box 31 | folder 7 |
| International Union of Biochemists Congress, 1967 | box 32 | folder 1 |
| International Union of Biochemists Congress, 1967 | box 32 | folder 2 |
| International Union of Biochemists Congress, 1967 | box 32 | folder 3 |
| IUPAC and Other Unions | box 32 | folder 4 |
| IUPAC and Other Unions | box 32 | folder 5 |
| Japan 1967 Congress, 1967 | box 32 | folder 6 |

| | | |
|--|--------|-----------|
| Lederberg, Dr. | box 33 | folder 1 |
| Medical Advisory Board Hebrew University | box 33 | folder 2 |
| M.D. PhD Seminar, 1973-1974 | box 33 | folder 3 |
| National Academy | box 33 | folder 4 |
| National Academy | box 33 | folder 5 |
| National Academy | box 33 | folder 6 |
| National Academy | box 33 | folder 7 |
| National Academy of Sciences National Committee | box 33 | folder 8 |
| National Academy of Sciences National Committee | box 33 | folder 9 |
| NATO Fellowships | box 34 | folder 1 |
| National Institute of Health | box 34 | folder 2 |
| NIH Grant #G7-07256-07 | box 34 | folder 3 |
| NIH Grants, 1960-1965 | box 34 | folder 4 |
| NIH Grants, 1960-1965 | box 34 | folder 5 |
| NIH Grants, 1960-1965 | box 34 | folder 6 |
| NIH Grants, 1970-1972 | box 34 | folder 7 |
| NIH Grants, 1970-1972 | box 34 | folder 8 |
| NIH Grants, 1970-1972 | box 34 | folder 9 |
| National Science Foundation Grant | box 34 | folder 10 |
| Nichols, Rodney W. | box 34 | folder 11 |
| Organic and Biochemistry Committee Minutes | box 35 | folder 1 |
| Organic and Biochemistry Committee Minutes | box 35 | folder 2 |
| Organic and Biochemistry Committee Minutes | box 35 | folder 3 |
| Organic and Biochemistry Committee Minutes | box 35 | folder 4 |
| Organic and Biochemistry Committee Curriculum | box 35 | folder 5 |
| Organic and Biochemistry Committee Examinations | box 35 | folder 6 |
| Organic and Biochemistry Committee Reading List | box 35 | folder 7 |
| Organic and Biochemistry Committee Report 1965, 1965 | box 35 | folder 8 |
| Reproductive Biology | box 36 | folder 1 |
| Room 611 | box 36 | folder 2 |
| Dr. Seitz | box 36 | folder 3 |
| Dr. Seitz | box 36 | folder 4 |

| | | |
|---|--------|----------|
| 6th International Congress Plenary Lectures | box 36 | folder 5 |
| 6th International Congress of Biochemistry | box 36 | folder 6 |
| 7th International Congress Travel Awards | box 36 | folder 7 |
| Spector | box 36 | folder 8 |
| Staff Candidates, 1962 | box 36 | folder 9 |
| Staff Candidates, 1962 | box 37 | folder 1 |
| Staff Candidates, 1962 | box 37 | folder 2 |
| Students | box 37 | folder 3 |
| Students | box 37 | folder 4 |
| Structure and Function of Enzymes | box 37 | folder 5 |

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Manuscripts, 1950-1975

Physical Description: 3.52 Cubic Feet

Scope and Contents note

Includes drafts, some correspondence and notes.

Arrangement note

Arranged in alphabetical order by title of paper, most not dated.

| Title/Description | Instances | |
|----------------------------------|-----------|----------|
| Active Site One-Crestfield, 1963 | box 38 | folder 1 |
| Active Site Two-Crestfield, 1963 | box 38 | folder 2 |
| Active Site Two-Crestfield, 1963 | box 38 | folder 3 |
| Alkylation Paper, 1964 | box 38 | folder 4 |
| Amino Acids Papers | box 38 | folder 5 |
| Automatic Fraction Collector | box 38 | folder 6 |
| Blood | box 38 | folder 7 |
| Chromatography | box 38 | folder 8 |
| Chromatography | box 39 | folder 1 |
| Chromatography | box 39 | folder 2 |
| Crestfield Reduction | box 39 | folder 3 |
| Crestfield | box 39 | folder 4 |

| | | |
|-----------------------------------|--------|----------|
| Crestfield | box 39 | folder 5 |
| Cystetic Acid-Moore, 1962 | box 39 | folder 6 |
| Cyanate Paper | box 39 | folder 7 |
| Cystinuria | box 39 | folder 8 |
| Cystinuria | box 39 | folder 9 |
| Histidine and Urea | box 40 | folder 1 |
| L-Alanine and l-Serine | box 40 | folder 2 |
| Leucine, Valine Charts | box 40 | folder 3 |
| Leucine, Valine Charts | box 40 | folder 4 |
| Methionine and Iodoacetate | box 40 | folder 5 |
| Methods in Enzymology, 1960 | box 40 | folder 6 |
| Metnionine in RNase | box 40 | folder 7 |
| N-Monosubstituted Histidines | box 41 | folder 1 |
| N-Monosubstituted Histidines | box 41 | folder 2 |
| Pepsin | box 41 | folder 3 |
| Pepsin | box 41 | folder 4 |
| Pepsin | box 41 | folder 5 |
| Phenylacet | box 41 | folder 6 |
| RNase and Iodoacetate, 1958 | box 41 | folder 7 |
| RNase and Iodoacetate, 1958 | box 42 | folder 1 |
| RNase and Iodoacetate, 1958 | box 42 | folder 2 |
| Schultz, 1960 | box 42 | folder 3 |
| Scientific American, 1960 | box 42 | folder 4 |
| Scientific American, 1960 | box 42 | folder 5 |
| Scientific American, 1960 | box 42 | folder 6 |
| Smyth RNase Paper, 1962 | box 43 | folder 1 |
| Smyth RNase Paper, 1962 | box 43 | folder 2 |
| Smyth-RNase 11-18 Sequence | box 43 | folder 3 |
| Smyth-RNase 11-18 Sequence | box 43 | folder 4 |
| Streptococcal Proteinase, 1965 | box 43 | folder 5 |
| Streptococcal Proteinase - Gerwin | box 43 | folder 6 |
| Streptococcal Proteinase - Liu | box 43 | folder 7 |

| | | |
|--|------------|----------|
| Streptococcal Proteinase - Liu, 1964 | box 44 | folder 1 |
| Streptococcal Proteinase - Liu, 1964 | box 1 of 2 | folder 2 |
| Sulfhydryl Manuscript | box 2 of 2 | folder 3 |
| Takahashi Manuscript | box 44 | folder 4 |
| Takahashi Manuscript | box 44 | folder 5 |
| Takahashi Manuscript | box 44 | folder 6 |
| Trypsin Inhibitors - Jones, 1962 | box 44 | folder 7 |
| Structure and Enzymatic Activity of Proteins | box 45 | folder 1 |
| Structure and Enzymatic Activity of Proteins | box 45 | folder 2 |
| Structure and Enzymatic Activity of Proteins | box 45 | folder 3 |
| US National Committee | box 45 | folder 4 |
| US National Committee | box 45 | folder 5 |
| US National Committee | box 45 | folder 6 |

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Editorial Work, 1950-1975

Physical Description: 3.52 Cubic Feet

Scope and Contents note

Includes correspondence and articles by other scientists.

Arrangement note

Arranged in alphabetical order by name of body editing was done for.

| Title/Description | Instances | |
|---|-----------|----------|
| ACS, 1950 | box 46 | folder 1 |
| ACS Lilly Award, 1960 | box 46 | folder 2 |
| ASBC Council | box 46 | folder 3 |
| ASBC Executive Secretary Communications | box 46 | folder 4 |
| ASBC Executive Secretary Communications | box 46 | folder 5 |
| ASBC Scientists Registry | box 46 | folder 6 |
| Annual Review of Biochemistry | box 46 | folder 7 |
| Annual Review of Biochemistry | box 46 | folder 8 |
| Archives of Biochemistry | box 47 | folder 1 |

| | | |
|---|--------|----------|
| Archives of Biochemistry | box 47 | folder 2 |
| Biochemical Society of London | box 47 | folder 3 |
| Biochemical Society of London | box 47 | folder 4 |
| Biochemical Society of London | box 47 | folder 5 |
| Board of Scientific Directors | box 47 | folder 6 |
| Current Journal of Biological Chemistry - Tabor, Editor | box 47 | folder 7 |
| Current Journal of Biological Chemistry - Tabor, Editor | box 48 | folder 1 |
| Current Journal of Biological Chemistry - Tabor, Editor | box 48 | folder 2 |
| Council of Biology Editors | box 48 | folder 3 |
| Editorial Board and Committee Meetings, 1959 | box 48 | folder 4 |
| Editorial Board and Committee Meetings, 1960 | box 48 | folder 5 |
| Editorial Candidates | box 48 | folder 6 |
| Editorial Candidates Questionnaire | box 48 | folder 7 |
| Editorial Committee, 1955-1958 | box 49 | folder 1 |
| Editorial Committee, 1955-1958 | box 49 | folder 2 |
| Editorial Committee - Advertising | box 49 | folder 3 |
| Editorial Committee - Appointments and Retirements | box 49 | folder 4 |
| Editorial Committee - Correspondence | box 49 | folder 5 |
| Editorial Committee - Journal of Biological Chemistry | box 50 | folder 1 |
| Editorial Committee - Journal Policies | box 50 | folder 2 |
| Editorial Committee - Page Changes | box 50 | folder 3 |
| Editorial Committee - Preliminary Communications | box 50 | folder 4 |
| Edsall Volume | box 50 | folder 5 |
| Harte, Robert A. | box 51 | folder 1 |
| Harte, Robert A. | box 51 | folder 2 |
| JBC (Journal of Biological Chemistry) Associate Editor | box 51 | folder 3 |
| JBC Editor | box 51 | folder 4 |
| JBC Reviews | box 51 | folder 5 |
| JBC Reviews | box 51 | folder 6 |
| JBC, 1972 | box 51 | folder 7 |
| JBC, 1972 | box 51 | folder 8 |
| Journal of Lipid Research | box 52 | folder 1 |

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|--|--------|----------|
| Journal of the American Chemical Society | box 52 | folder 2 |
| Journal of the American Chemical Society | box 52 | folder 3 |
| NIH Grants | box 52 | folder 4 |
| NSF Grants | box 52 | folder 5 |
| NSF Grants | box 52 | folder 6 |
| NSF Grants | box 53 | folder 1 |
| NSF Grants | box 53 | folder 2 |
| Nomenclature | box 53 | folder 3 |
| Nomenclature | box 53 | folder 4 |
| Referee Reports | box 53 | folder 5 |
| Science | box 53 | folder 6 |
| Scientific Advisory Committee | box 53 | folder 7 |

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Laboratory Notes, 1937-1970

Physical Description: 3.08 Cubic Feet

Scope and Contents note

Includes notebooks and some lecture notes.

Arrangement note

Arranged in alphabetical order by subject. Most not dated.

| Title/Description | Instances | |
|-----------------------|-----------|----------|
| Amino Acid Analysis | box 54 | folder 1 |
| Amino Acid Analysis | box 54 | folder 2 |
| Amino Acid Analyzer | box 54 | folder 3 |
| Amino Acid Analyzer | box 54 | folder 4 |
| Amino Acid Analyzer | box 54 | folder 5 |
| Amino Acid Analyzer | box 54 | folder 6 |
| Amino Acid Analyzer | box 55 | folder 1 |
| Amino Acid Literature | box 55 | folder 2 |
| Amino Acids | box 55 | folder 3 |
| Argenine | box 55 | folder 4 |

| | | |
|--|--------|-----------|
| Autotitrator-Hirs | box 55 | folder 5 |
| Benzyloxy Salts | box 55 | folder 6 |
| Blood Coagulation | box 55 | folder 7 |
| Chromatography of Proteins | box 55 | folder 8 |
| Collagen | box 55 | folder 9 |
| Columbia Seminars | box 55 | folder 10 |
| Compound X, 1952 | box 55 | folder 11 |
| Current Research Ideas | box 55 | folder 12 |
| d-Peptolaseo | box 55 | folder 13 |
| Determination of Amino Acids | box 56 | folder 1 |
| Determination of Proline | box 56 | folder 2 |
| Distribution of Coefficients and Amino Acids | box 56 | folder 3 |
| Elastin | box 56 | folder 4 |
| Extraction Apparatus | box 56 | folder 5 |
| Flavionic Acid | box 56 | folder 6 |
| Gelatin | box 56 | folder 7 |
| Gelatin and Collagen | box 56 | folder 8 |
| General Amino Acid Salts | box 56 | folder 9 |
| Glycine Analysis | box 56 | folder 10 |
| Ion Exchange | box 56 | folder 11 |
| Isolation from Starch Columns | box 56 | folder 12 |
| Isolation of Leucine | box 56 | folder 13 |
| Isolation of l-Serine | box 56 | folder 14 |
| Laboratory Plans | box 57 | folder 1 |
| Leucine Analysis | box 57 | folder 2 |
| Microanalysis | box 57 | folder 3 |
| Miscellaneous Experiments | box 57 | folder 4 |
| Models | box 57 | folder 5 |
| Nasylates with l-Leucine | box 57 | folder 6 |
| 1960 Ribonuclease Supply | box 57 | folder 7 |
| 1960 Ribonuclease Supply | box 57 | folder 8 |
| Ninhydrin Bibliography | box 57 | folder 9 |

| | | |
|---|--------|-----------|
| Ninhydrin Data | box 57 | folder 10 |
| Nitronephthaleine | box 57 | folder 11 |
| Notebook from Harvard | box 57 | folder 12 |
| Notebook of Prints | box 57 | folder 13 |
| Old Prints | box 58 | folder 1 |
| Parks-Ribonuclease | box 58 | folder 2 |
| Partition Chromatography | box 58 | folder 3 |
| Partition Chromatography Calculations | box 58 | folder 4 |
| Pepsin | box 58 | folder 5 |
| Peptides | box 58 | folder 6 |
| Phenylalanine | box 58 | folder 7 |
| Proline and Hydroxy | box 58 | folder 8 |
| Protein Structure | box 58 | folder 9 |
| Precipitants in Amino Acid Analysis of Proteins | box 58 | folder 10 |
| Preparation of Various Sulfuric Acids | box 58 | folder 11 |
| Prints of Urine | box 59 | folder 1 |
| Proline | box 59 | folder 2 |
| Proline Content of Gelatin | box 59 | folder 3 |
| p-Tyrosine Specific Rotation | box 59 | folder 4 |
| Reaction Time of NH ₂ -N | box 59 | folder 5 |
| Reagents for Amino Acids | box 59 | folder 6 |
| Reports on Gelatin and Pepsin | box 59 | folder 7 |
| Resolution | box 59 | folder 8 |
| Silk | box 59 | folder 9 |
| Silk Isolation | box 59 | folder 10 |
| Silk Dioxypyridates | box 59 | folder 11 |
| Silk Partial Hydrolysis | box 59 | folder 12 |
| Silk Preparation | box 60 | folder 1 |
| Solubility of Various Amino Acid Salts | box 60 | folder 2 |
| Solubility Methods | box 60 | folder 3 |
| Solubility Products | box 60 | folder 4 |
| Specifications for Machines | box 60 | folder 5 |

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|---------------------------|--------|-----------|
| Starch Columns | box 60 | folder 6 |
| Streptococcal Proteinase | box 60 | folder 7 |
| Technicon Collector | box 60 | folder 8 |
| Tyroucline and Gramicidan | box 60 | folder 9 |
| Tryptophane | box 60 | folder 10 |
| Ultraviolet Spectra #1329 | box 60 | folder 11 |

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Subject Files, 1943-1970

Physical Description: 1.32 Cubic Feet

Scope and Contents note

Includes laboratory and lecture notes, reprints and some correspondence on a variety of topics.

Arrangement note

Arranged in alphabetical order by subject.

| Title/Description | Instances | |
|---------------------------------------|-----------|-----------|
| ACS Reception, 1951 September 7 | box 61 | folder 1 |
| Amino Acids and Histones | box 61 | folder 2 |
| Amino Acids and Mental Disease | box 61 | folder 3 |
| Analytical Chemistry | box 61 | folder 4 |
| Borohydride | box 61 | folder 5 |
| Calculations | box 61 | folder 6 |
| Crestfield-Analytical Chemistry, 1963 | box 61 | folder 7 |
| Elastin Composition | box 61 | folder 8 |
| Histidine Residue | box 61 | folder 9 |
| Materials for Press | box 61 | folder 10 |
| Meteorites | box 61 | folder 11 |
| Meteorites | box 61 | folder 12 |
| Meteorites | box 62 | folder 1 |
| Nachmansohn | box 62 | folder 2 |
| NATO Course, 1970 | box 62 | folder 3 |
| Nobel | box 62 | folder 4 |

| | | |
|---|--------|----------|
| Nobel | box 62 | folder 5 |
| Nobel | box 62 | folder 6 |
| Office of Scientific Research and Development | box 62 | folder 7 |
| Other ACS Journals | box 62 | folder 8 |
| Partition Chromatography | box 62 | folder 9 |
| Positions Open | box 63 | folder 1 |
| Science in Schools | box 63 | folder 2 |
| Sulfite and Proteins | box 63 | folder 3 |
| Travel Awards | box 63 | folder 4 |
| Travel Awards | box 63 | folder 5 |
| Travel Awards | box 63 | folder 6 |
| Uremia | box 63 | folder 7 |

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Postdoctorals, 1947-1977

Physical Description: 2.64 Cubic Feet

Scope and Contents note

Includes Masters and Doctoral dissertations of students Dr. Stein advised. Most are from Cornell University.

Arrangement note

Arranged in alphabetical order by last name of author.

| Title/Description | Instances | |
|---------------------|-----------|----------|
| Bartholeyns | box 64 | folder 1 |
| Bartholeyns | box 64 | folder 2 |
| Blackburn | box 64 | folder 3 |
| Burton, Louis E. | box 64 | folder 4 |
| Buston, Michael | box 64 | folder 5 |
| Buston, Michael | box 64 | folder 6 |
| Cole, R. David | box 64 | folder 7 |
| Drummond, Robert J. | box 64 | folder 8 |
| Fletcher, Paul | box 65 | folder 1 |
| Gerwin, Brenda I. | box 65 | folder 2 |

| | | |
|-----------------------|--------|----------|
| Greene, Lewis J. | box 65 | folder 3 |
| Guha, Arabinda | box 65 | folder 4 |
| Gundlach, Gerd | box 65 | folder 5 |
| Hayashi, Rikimaru | box 65 | folder 6 |
| Heinrikson, Robert L. | box 65 | folder 7 |
| Hirs, Dr. Chiu | box 65 | folder 8 |
| Hirs, Dr. Chiu | box 65 | folder 9 |
| Hugli, T.E. | box 66 | folder 1 |
| Hugli, T.E. | box 66 | folder 2 |
| Hugli, T.E. | box 66 | folder 3 |
| Jailkhani, B.L. | box 66 | folder 4 |
| Lee, Chong Kil | box 66 | folder 5 |
| Liao | box 66 | folder 6 |
| Liao | box 66 | folder 7 |
| Manning, James | box 67 | folder 1 |
| Manning, James | box 67 | folder 2 |
| Price, Paul | box 67 | folder 3 |
| Price, Paul | box 67 | folder 4 |
| Nigen, Alan | box 67 | folder 5 |
| Njikam, Njifutie | box 67 | folder 6 |
| Plapp, Bryce V. | box 67 | folder 7 |
| Rajagopalan, T.G. | box 67 | folder 8 |
| Robinson, G.W. | box 67 | folder 9 |
| Saari | box 68 | folder 1 |
| Salnikow, Johann | box 68 | folder 2 |
| Scoffone, Ernesto | box 68 | folder 3 |
| Shaw, Denis | box 68 | folder 4 |
| Sogin | box 68 | folder 5 |
| Soper, Tom | box 68 | folder 6 |
| Spackmann, D.H. | box 68 | folder 7 |
| Stark, George R. | box 68 | folder 8 |
| Stark, George R. | box 68 | folder 9 |

| | | |
|----------------------|--------|----------|
| Takahashi, K. | box 69 | folder 1 |
| Tallan, Harris H. | box 69 | folder 2 |
| Teh-Yung Liu, Darrel | box 69 | folder 3 |
| Teh-Yung Liu, Darrel | box 69 | folder 4 |
| Wilson, Glynn | box 69 | folder 5 |
| Wang | box 69 | folder 6 |

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Slides

Arrangement

No arrangement; slides not identified individually.

Scope and Contents

Includes slides used in conjunction with lectures.

| Title/Description | Instances |
|---------------------|-----------|
| Slides for Lectures | box 70 |
| | box 72 |
| | box 71 |
| | box 74 |
| | box 73 |
| | box 75 |
| | box 76 |
| | box 77 |
| | box 78 |

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Audio Tapes, 1960-1980

Physical Description: 0.25 Cubic Feet

Scope and Contents note

5 recordings including Memorial of Stein given by Prof. Moore and 4 lectures by Stein himself at various occasions.

Arrangement note

Arranged in chronological order.

Conditions Governing Access:**Conditions Governing Access**

RAC is unable to provide access to obsolete media, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

| Title/Description | Instances | |
|--|-----------|----------|
| Symposium on Microstructures of Protein ACS Meeting, William Stein, Chair, September 1960 | box 79 | folder 1 |
| <u>Conditions Governing Access:</u> Conditions Governing Access RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details. | | |
| "Crystals and Ions" Christmas Lectures, 1961 December | box 79 | folder 2 |
| <u>Conditions Governing Access:</u> Conditions Governing Access RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details. | | |
| Phillips Lecture at Haverford, 1962 | box 79 | folder 3 |
| <u>Conditions Governing Access:</u> Conditions Governing Access RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details. | | |
| Science Convocation at Low Library, 1973 March 20 | box 79 | folder 4 |
| <u>Conditions Governing Access:</u> Conditions Governing Access RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special | | |

order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

William Stein Memorial at Rockefeller University Given by Dr.
Stanford Moore

box 79

folder 5

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

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