
Finding Aid to the Henry Rapoport Papers, 1936-2003

Processed by Juliet Demeter

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Finding Aid to the Henry Rapoport Papers, 1936-2003

Collection number: BANC MSS 2002/261 c

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Collection Processed By:

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Date Completed:

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Finding Aid written by:

Juliet Demeter

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Collection Summary

Collection Title: Henry Rapoport Papers,

Date: 1936-2003

Collection Number: BANC MSS 2002/261 c

Creator: Rapoport, Henry

Extent: 23 cartons, 1 oversize box 29.15 linear ft.

Repository: The Bancroft Library

Berkeley, California 94720-6000

Abstract: The Henry Rapoport Papers, 1936-2003, consist of correspondence, writings, reports, and research materials spanning Rapoport's distinguished career in organic chemistry from the 1940s to his death in 2002. The bulk of the collection includes correspondence and reports generated by Rapoport and his post doctoral research associates in the Department of Chemistry at the University of California, Berkeley. Also included are materials relating to his research and consulting work in the private sector and a small amount of personal papers.

Physical Location: For current information on the location of these materials, please consult the Library's online catalog.

Languages Represented: English

Access

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Preferred Citation

[Identification of item], Henry Rapoport Papers, BANC MSS 2002/261 c, The Bancroft Library, University of California, Berkeley.

Separated Material

Printed materials have been transferred to the book collection of The Bancroft Library.

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Indexing Terms

The following terms have been used to index the description of this collection in the library's online public access catalog. University of California, Berkeley. Dept. of Chemistry and Chemical Engineering.

University of California, Berkeley--Faculty.

Chemistry and pharmacology of natural products.

Chemistry--Research.

Heterocyclic compounds.

Pharmaceutical research--United States.

Pharmaceutical chemistry.

Faculty papers.

Acquisition Information

The Henry Rapoport Papers were given to The Bancroft Library by Mrs. Sonya Rapoport on September 30, 2002.

Accruals

No additions are expected.

Funding

Funding for processing was provided by Mrs. Sonya Rapoport.

Henry Rapoport was born in Brooklyn, New York on November 16, 1918. He attended the Massachusetts Institute of Technology, where he received a B.S. in chemistry in 1936 and a Ph.D. in organic chemistry in 1943. After graduation, Rapoport worked for the Heyden Chemical Corporation, where he researched the isolation, structure elucidation, and synthesis of penicillin. He left Heyden in 1945 after receiving a National Research Council Fellowship to study the synthesis of morphine derivatives at the National Institutes of Health in Bethesda, Maryland.

In 1946, Rapoport was appointed Instructor of Chemistry at the University of California, Berkeley. He was promoted to Assistant Professor in 1948, Associate Professor in 1953, and finally to Professor in 1957. While at Berkeley, Rapoport taught undergraduate chemistry courses required for students in the premedical and Life Sciences majors, as well as graduate level courses in natural products chemistry. Rapoport trained over 300 graduate students and postdoctoral fellows in pharmaceutical and medicinal chemistry research over his 55 years of service to the university. In over 400 research projects, Rapoport and his laboratory teams made significant contributions in the chemistry of morphinan alkaloids, paralytic shellfish poison (called saxitoxin), heterocyclic compounds, biological pigments, antibiotics, and anti-tumor compounds.

In addition to teaching, Rapoport co-authored, along with James Cason, a book entitled *Laboratory Text in Organic Chemistry*, which was used in college and university laboratory classes for over 30 years. Over the course of his career, he published over 400 articles, continuing to write well after his retirement from the university.

Rapoport worked as a consultant in the private sector, serving many well-known medicinal research laboratories, including Dupont Merck, GlaxoSmithKline, and MitoKor. In the 1970s, Rapoport and his colleague John Hearst developed psoralens, natural products that can be used for the deactivation of viruses. This research led to the formation of the Cerus Corporation.

Rapoport served as Associate Editor of *The Journal of Organic Chemistry* and was a member of the Medicinal Chemistry Study Section of the National Institutes of Health. Among the numerous awards and fellowships he received during his career were a Guggenheim Fellowship in 1955 and the Research Achievement Award in Pharmaceutical and Medicinal Chemistry from the Academy of Pharmaceutical Sciences in 1972. Professor Rapoport was also made a Fellow of the American Association for the Advancement of Science.

Professor Rapoport retired from UC Berkeley in 1989 and was awarded the Berkeley Citation in 1997. He died on March 6, 2002 in Oakland, California.

Scope and Content of Collection

The Henry Rapoport Papers, 1936-2002, consist of correspondence, writings, reports, and research materials spanning Rapoport's distinguished career in organic chemistry from the 1940s until his death in 2002. The bulk of the collection is made up of correspondence and quarterly reports generated by Rapoport and his post doctoral research associates in the Department of Chemistry at the University of California, Berkeley. Also included are materials relating to Rapoport's private sector research and consulting work and a small amount of personal papers.

The collection has been divided into seven series: Correspondence, Writings, University of California, Berkeley, Private Sector Research and Consulting, Research Files, Professional Affiliations, and Personal Papers. Professor Rapoport's correspondence consists primarily of letters to and from colleagues in the field of chemistry and pertains almost exclusively to his research. Writings include papers and lectures regarding his work in the areas of synthesis and the chemistry of marine organisms, heterocyclic compounds, and carcinogens as well as materials relating to his book *Laboratory Text in Organic Chemistry*, which he co-authored with James Cason.

At UC, Berkeley Professor Rapoport was most noted for his reputation as instructor and mentor to hundreds of graduate students and post-doctoral fellows, many of whom went on to distinguished careers of their own in chemical and biotechnological research. The series University of California, Berkeley includes correspondence with these students, as well as the quarterly research reports generated by his laboratory team over a 40-year period. Only a small amount of administrative material related to the Department of Chemistry can be found in this collection.

Throughout his career, Rapoport was sought out as a consultant in the medicinal and pharmaceutical research industries. These contributions are documented in the Private Sector Research series and include files from the many pharmaceutical and biotechnology companies he worked for. General Research Files include materials related to Professor Rapoport's research both at UC Berkeley and in the private sector.

There are only a small amount of personal papers in the collection, chiefly course notes from his student days at M.I.T. and a scrapbook documenting his education, career, and family life compiled by his wife, Sonya Rapoport.

Cartons 1-2

SERIES 1, CORRESPONDENCE, 1942-2002

Arrangement

Divided into 2 sub-series: Incoming and Outgoing.

Scope and Content Note

Consists of letters to and from Rapoport's colleagues in the fields of pharmaceutical and natural products chemistry both in the United States and abroad. Incoming correspondence includes requests for reports or chemical samples from Rapoport's laboratory, as well as notes and reports from colleagues regarding their own research.

Cartons 1-2

SUBSERIES 1.1 INCOMING CORRESPONDENCE, 1942-2002

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Arranged alphabetically, then chronologically.

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A miscellaneous, 1967-1986
Basedow, Arno, 1991-2002
Beak, Peter Andrew, 1974-1985
Brossi, Arnold, 1978-1983
Büchi, George, 1960-1972
Ba-BI miscellaneous, 1960-1997
Bm-Bz miscellaneous, 1957-1989
Cason, James, 1912-, undated

carton 1, folder 9	Chemical Abstracts Service, 1954-1984
carton 1, folder 10	Cheymol, J. (Jean), 1960-1965
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carton 1, folder 26	Grundon, M.F., 1963-1974
carton 1, folder 27	Ga-GI miscellaneous, 1957-1999
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carton 1, folder 29	Heyden Chemical Corporation, 1942-1949
carton 1, folder 30	H miscellaneous, 1945-1992
carton 1, folder 31	I miscellaneous, 1959-1989
carton 1, folder 32	Jenden, Donald J., 1959-1979
carton 1, folder 33	J miscellaneous, 1955-2001
carton 1, folder 34	Kutney, James P., 1963-1976
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carton 1, folder 36	Lightenthaler, Frieder, 1985-1988
carton 1, folder 37	Luckner, Martin, 1968-1969
carton 1, folder 38	Lukas, Ronald J., 1980-1983
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carton 1, folder 40	Moos, W. H. (Walter Hamilton), 1954-, 1960-1979
carton 1, folder 41	M miscellaneous, 1968-2000
carton 1, folder 42	N miscellaneous, 1948-1987
carton 1, folder 43	Orazi, Orfeo O., 1961-1971
carton 1, folder 44	O miscellaneous, 1955-1989
carton 1, folder 45	Plieninger, Hans, 1965-1971
carton 1, folder 46	P, Q miscellaneous, 1959-2000
carton 1, folder 47	Reigel, Byron, 1958-1966
carton 1, folder 48	Rinehart, Kenneth L., 1960-1973
carton 1, folder 49	Robinson, Robert, 1967
carton 1, folder 50	Ra-RI miscellaneous, 1955-1992
carton 1, folder 51	Rm-Rz miscellaneous, 1956-1995
carton 1, folder 52	Sarel, Shalom, 1970-1980
carton 1, folder 53	Small, Lyndon, 1946-1955
carton 2, folder 1	Stork, Gilbert, 1952-1969
carton 2, folder 2	Strain, Harold H. (Harold Henry), 1904-, 1969-1971
carton 2, folder 3	Sa-Sh miscellaneous, 1956-1999
carton 2, folder 4	Si-So miscellaneous, 1957-1989
carton 2, folder 5	Sp-Sz miscellaneous, 1953-1995
carton 2, folder 6	Taylor, William I., 1958-1965
carton 2, folder 7	Turner, Floyd Clinton, 1889-, 1949-1954
carton 2, folder 8	T, U miscellaneous, 1953-1992
carton 2, folder 9	Van Tamelen, Eugene E., 1925-, 1951-1978
carton 2, folder 10	V miscellaneous, 1957-1995
carton 2, folder 11	White, James D., 1968-1977
carton 2, folder 12	W miscellaneous, 1956-1998
carton 2, folder 13	Yamins, J. L., 1960-2001

carton 2, folder 14 carton 2, folder 15	X, Y, Z miscellaneous, 1961-1993 Incoming miscellaneous, 1955-1999
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Carton 2	SUBSERIES 1.2 OUTGOING CORRESPONDENCE, 1945-2002 Arrangement Arranged chronologically.
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carton 2, folder 16-34	Outgoing miscellaneous, 1945-2002
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Cartons 3-5	SERIES 2, WRITINGS, 1946-2001
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Arrangement

Divided into 4 sub-series: Books, Research Papers, Lectures, and Reprints.

Scope and Content Note

Includes correspondence regarding his book *Laboratory Text in Organic Chemistry*, written with James Cason and first published in 1950. This publication and its 1970 revision were used in hundreds of college and university chemistry courses well into the 1970s. Over the course of his career, Professor Rapoport published over 450 research articles and papers. The collection includes notes and drafts for some of these papers, as well as a complete set of reprints of his 467 published articles. Writings also include notes and drafts for lectures delivered by Rapoport at universities, conferences, and symposia between 1948 and 1999.

Carton 3	SUBSERIES 2.1 BOOKS, undated
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Arrangement

Arranged chronologically.

2.1.1 *Laboratory Text in Organic Chemistry, 1948-1970*

carton 3, folder 1	Contracts, 1948-1966
carton 3, folder 2	Correspondence, 1955-1971
carton 3, folder 3	Revision, 1969-1970

2.1.2 *Pyrrroles, 1960-1974*

carton 3, folder 4	Correspondence, 1960-1974
carton 3, folder 5	Contracts, undated

Cartons 3	SUBSERIES 2.2 RESEARCH PAPERS, undated
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Arrangement

Arranged chronologically.

carton 3, folder 6	The Diels-Alder Reaction With Thebaine, 1964-1967
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carton 3, folder 7	Solid Phase Organic Synthesis, 1975
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carton 3, folder 8	Hyperthermia-Stimulating Activity in Hyperparasitized Ergot, 1980
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carton 3, folder 9	Rhodium (II) Carbenoid Insertion of X-Diazo-B-Keto Esters. Synthesis of 1-Azaspiropyrrolidines, 1986-1995
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carton 3, folder 10	Iminium Ion Cyclizations. Synthesis of 1-Azaspiropyrrolidines, 1987
---------------------	--

carton 3, folder 11	Synthesis of High Specific Activity Tritium Labeled 2'-Deoxy-[2- ³H] Adenosine, 1987-1991
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carton 3, folder 12	Efficient Synthesis of N(6), N(12) Differentially Diprotected Staurosporine Aglycon, 1994
---------------------	--

carton 3, folder 13	Enantiospecific Synthesis of Annulated Nicotine Analogues from D-Glutamic Acid, 1994-2001
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carton 3, folder 14	The Incorporation of 4-Methylprolines into Peptides, 1998
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carton 3, folder 15	Conformationally Constrained 7-Azabicyclo [2.2.1] Heptane Amino Acids, 1999
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carton 3, folder 16	Enantiospecific Synthesis of Annulated Nicotine Analogues, 1999, undated
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carton 3, folder 17	Synthesis of Carbapenems from Serine, 1999, undated
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carton 3, folder 18	Preparation of Functionalized, Conformationally Constrained DTPA Analogues, 2000
carton 3, folder 19	Hydroxylated Pyrrolidines, 2001
carton 3, folder 20	Isolation and Structure Determination of Bacillmycin, 2001
carton 3, folder 21	Synthesis of Chiral Pilocarpine Analogues via a c-8 Ketone Intermediate, 2001
carton 3, folder 22	Annulation of 9.10-Dihydro-9-Phenanthrenamine Derivatives, undated
carton 3, folder 23	Chiroselective Synthesis of Pentostatin of Coformycin, undated
carton 3, folder 24	Chiroselective Synthesis of a Phycourobilin Analogue, undated
carton 3, folder 25	Enantioselective X-Alkylation of 5-Methylprolines Synthesis of 1-Azaspiropyrrolidines, undated
carton 3, folder 26	The Sulfide-Contraction Reaction with 2-Thiopiperidones, undated
carton 3, folder 27	Synthesis of 1-(2-Methylthio) Benzyl, undated
carton 3, folder 28	Synthesis of Codeine Derivatives Via Benzofuroisoquinolines, undated
carton 3, folder 29	Synthesis of Oligodeoxyribonucleotides, undated

Cartons 3-4

SUBSERIES 2.3 LECTURES, undated

Arrangement

Arranged chronologically.

carton 3, folder 30	Nuclear Substituted Morphine Derivatives, 1948
carton 3, folder 31	Colchicine, 1951, 1953
carton 3, folder 32	A Synthesis of 3-Phenylpyridine and 3.2'-Nornicotyrine, 1952
carton 3, folder 33	Configuration at C13-14, 1953
carton 3, folder 34	Some Recent Morphine Research, 1957
carton 3, folder 35	Furo- and Pyrano- Quinoline Alkaloids, 1960
carton 3, folder 36	Pyrroles, 1960
carton 3, folder 37	Biosynthesis of Opium Alkaloids, 1963-1966
carton 3, folder 38	Synthesis of Prodigiosin, 1962
carton 3, folder 39	Geissvilline, 1962
carton 3, folder 40	Chlorobum Chlorophyll, 1963
carton 3, folder 41	Chlorobiumquinone, 1963
carton 3, folder 42	Biosynthesis of Nicotine, 1964
carton 3, folder 43	Cyclols, 1965
carton 3, folder 44	Biosynthesis of the Pyridine and Piperidine Alkaloids, The Tobacco Alkaloids, 1965
carton 3, folder 45	Role of the Quinone in Oxidative Phosphorylation, 1965-1966
carton 3, folder 46	Biosynthesis of Nicotiana Alkaloids, 1966
carton 3, folder 47	Sirenin, 1967-1970
carton 3, folder 48	Cycloopenin, 1968
carton 3, folder 49	Man and the Oceans-Marine Organic Chemistry, 1968
carton 3, folder 50	Conversion of Pyruvates to Malonates, 1968-1972
carton 3, folder 51	Polyisofrene Quinones: Chlorobiumquinone, 1969-1970
carton 3, folder 52	L-Methylene Lactams, 1971
carton 3, folder 53	Aberrant Alkaloid Biosynthesis, 1972
carton 3, folder 54	Biosynthesis of Menaquinones, 1972
carton 3, folder 55	Guanidino Ketones, 1973
carton 3, folder 56	New Approaches to Morphines: Alkaloid Interconversions, 1973
carton 3, folder 57	The L-Methylene Lactam Rearrangement, 1973-1975
carton 3, folder 58	Synthesis of Polyfrenyl Quinones, 1974
carton 3, folder 59	Pericidin, 1974, 1997
carton 3, folder 60	Synthesis with Iminium Salts, 1975-1979
carton 3, folder 61	Opium Alkaloid Biosynthesis, 1976
carton 3, folder 62	Solid Phase Organic Synthesis and Isolated Molecules, 1976
carton 3, folder 63	Porphyrin-Peptide Bonds of Cytochrome C. Structure, 1976, 1978
carton 3, folder 64	Cyclopeptide Alkaloids, 1977
carton 3, folder 65	New Developments in the Synthesis of the Heterocyclic Natural Products. Amino-Acylation and Iminium Salts, 1977
carton 3, folder 66	Algal Toxins, 1981

carton 3, folder 67	Psoraleus, 1979
carton 4, folder 1	Chirally Specific Natural Products Synthesis, 1979
carton 4, folder 2	Amino Acids as Asymmetric Educts for Chirally-Specific Synthesis, 1980
carton 4, folder 3	FDA Symposium on Aquaculture, 1980
carton 4, folder 4	Morphinans, 1980, 1982
carton 4, folder 5	Amino Acids as Chiral Educts for Assymetric Products, 1980-1982
carton 4, folder 6	Synthesis of Oligodeoxyribonucleotide, 1981
carton 4, folder 7	Protein-Bound Porphyrins and Bile Pigments, 1982
carton 4, folder 8	Clinically-Specific Syntheses: Vincamine, 1982
carton 4, folder 9	Why is Etorphine such a Powerful Analgesic, 1982-1984
carton 4, folder 10	The University of Michigan Bachmann Lecture "Assymetric Syntheses from Amino Acids", 1983
carton 4, folder 11	Chiral Synthesis with Amino Acids, 1983
carton 4, folder 12	Assymetric Synthesis with Amino Acids, 1983
carton 4, folder 13	Lectureship Program of the Robert A. Welch Foundation, 1983-1984
carton 4, folder 14	Synthesis and Radiolabeling of Heterocyclic Food Mutagens, 1984
carton 4, folder 15	Chirospecific Synthesis from Amino Acids, 1984
carton 4, folder 16	Bilius and Bilins-Protein Linkages in Phycobiliprotiens: Structural and Spectroscopic Studies, 1984-1985
carton 4, folder 17	Opiates from Beef Brain And Adrenal: Identification of Peak's 2,3, and 6, 1985
carton 4, folder 18	DNA Psoralen Interaction, 1985-1986
carton 4,	Stauffer Lectures, 1986-1987
folder 19-20	
carton 4, folder 21	Age of Chiralism, 1986-1988
carton 4,	Heterocyclic Chemistry (Various companies), 1990-1992
folder 22-23	
carton 4,	Abbott Lectures (Heterocyclic Chemistry), 1992
folder 24-26	
carton 4, folder 27	Université de Montréal Bio-Méga Lecture "Amino Acids as Chiral Educts for Enantiospecific Synthesis", 1993
carton 4, folder 28	Rutger's Organic Synthesis, INC. Lecture "Amino Acids as Chiral Educts for Enantiospecific Synthesis", 1993
carton 4, folder 29	University of Washington Organic Seminar, 1996
carton 4, folder 30	Aza Apical Azabicyclos, 1999
carton 4, folder 31	Anthopleurine, undated
carton 4, folder 32-33	Carbocyclic Nucleosides, undated
carton 4, folder 34	Chemistry Clubs and Student Affiliates, undated
carton 4, folder 35	Cuscohygrine, undated
carton 4, folder 36	Structure and Synthesis of Morphine, undated
carton 4, folder 37	The Stereochemistry of 10-Hydroxycodaine Derivatives, undated
carton 4, folder 38	Miscellaneous notes for lectures, undated

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Arrangement

Arranged chronologically.

carton 4, folder 39	Bibliography, 1946-2001
carton 4,	Reprints 1-301, 1946-1985
folder 40-48	
carton 5,	Reprints 302-467, 1981-2000
folder 1-9	

Cartons 5-18

SERIES 3, UNIVERSITY OF CALIFORNIA, BERKELEY, 1946-2001

Arrangement

Divided into 3 sub-series: Correspondence with Post-doctoral Students, Departmental Files, and Quarterly Reports.

Scope and Content Note

Includes correspondence between Rapoport and his students and laboratory assistants throughout their careers at Berkeley and beyond. Departmental Files include materials on Rapoport's committee work at UC Berkeley, as well as his bio-bibliography. Although Rapoport also taught undergraduate courses for a number of years, very little course material can be found in this collection. Quarterly research reports generated by his assistants document over 40 years of laboratory research carried out by Professor Rapoport and his team in the synthesis and biosynthesis of natural products and alkaloids, as well as the chemistry of marine organisms, heterocyclic compounds, biological pigments, and carcinogens. Quarterly reports are arranged chronologically and include authors' names when available.

Cartons 5-6

SUBSERIES 3.1 CORRESPONDENCE WITH POST-DOCTORAL STUDENTS, 1958-2001

Arrangement

Arranged alphabetically, then chronologically.

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carton 5, folder 14
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carton 5, folder 17
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Afzali, Ali, 1978-1982
Batcho, Andrew D., 1959-1989
Bergstrom, Donald, 1966-1989
Bhalerao, Uday T., 1967-1985
Bjeldanes, Leonard, 1970-1985
Bordner, Jon, 1963-1986
Castagnoli, N. (Neal), 1986-2001
Compagnone Triangali, Reinaldo Santi, 1980-1995
Csendes, Ivan, 1976-1996
Dean, Richard, 1976-1990
Galloway, E.C., 1981-1984
Ghera, Eugene, 1977-1989
Gless, Richard D., 1976-1978
Holden, Kenneth G., 1959-1977
Holm, Arne, 1965-1983
Houghten, Richard A., 1970-1999
Johansen, Jon Eigill, 1975-1999
Kiely, John S., 1978-1989
Kim, Dong Jin, 1992-1995
Kim, Keun Jae, undated
Kim, Taek Hyeon, 1987-1992
Kim, Youseung, 1982-ca:2000
Klaubert, Dieter, 1970-1973
Knipmeyer, Laura, 1981-1990
Koskinen, Ari, 1982-2002
Lagarias, Clark, 1974-2001
Liebman, Arnold, 1962-1990
Lubell, William, 1985-2000
Luly, Jay Richard, 1981-1998
Masmune, Satoru, 1953-1985
Marino, Joseph, 1983
Makriyanis, Alexandros, 1966-1991
Miller, Marvin, 1974-2001
Moore, Richard E., 1961-1997
Moos, W. H. (Walter Hamilton), 1954-, 1975-1999

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carton 6, folder 2	Mundy, Bradford P., 1938-, 1964-1985
carton 6, folder 3	Munk, Stephen, 1979-2000
carton 6, folder 4	Paul, Ara G., 1971-1995
carton 6, folder 5	Panetta, Jill Ann, undated
carton 6, folder 6	Peterli, Stefan, 1991-1998
carton 6, folder 7	Platner, Jacob John, 1969-1983
carton 6, folder 8	Rueppel, Melvin L., 1970-1992
carton 6, folder 9	Reinecke, Manfred G., 1958-1998
carton 6, folder 10	Sardina, F. Javier, 1985-2001
carton 6, folder 11	Schmidtchen, F. P. (Franz P.), 1973-1989
carton 6, folder 12	Shiosaki, Kazumi, 1980-1998
carton 6, folder 13	Slama, James T., 1975-1993
carton 6, folder 14	Stearns, Jay, 1976-1990
carton 6, folder 15	Stermitz, Frank R., 1958-1976
carton 6, folder 16	Supple, Jerome, 1962-1985
carton 6, folder 17	Thompson, Charles M. (Charles Mark), 1956-, 1982-1994
carton 6, folder 18	Tretter, James R., 1963-2000
carton 6, folder 19	Undergraduates, 1975-1987
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carton 6, folder 21	Waterhouse, Andrew Leo, 1980-1996
carton 6, folder 22	Weller, Dwight, 1976-1986
carton 6, folder 23	Willson, C. G. (C. Grant), 1939-, 1966-1997
carton 6, folder 24	Wong, John, 1965-1975

Carton 6

SUBSERIES 3.2 **DEPARTMENTAL FILES, 1946-2002**

Arrangement

Arranged chronologically.

carton 6, folder 25	Administration, 1946-1997
carton 6, folder 26	Chemistry 170, 1955
carton 6, folder 27	Special Committee on the Departments of Anatomy and Physiology, 1960-1975
carton 6, folder 28	Committee on Research, 1966-2001
carton 6, folder 29	Chemistry 207 lecture notes, 1967-1968
carton 6, folder 30	Subcommittee on Pharmacology, 1972-1975
carton 6, folder 31	Chemistry 8A, 1974
carton 6, folder 32	Review of the Department of Physiology-Anatomy, 1974-1975
carton 6, folder 33	Interdepartmental Faculty Group in Health and Medical Sciences, 1975-1976
carton 6, folder 34	Sabbatical visitors, 1978-1989
carton 6, folder 35	Summary of Synthetic Work, 1978
carton 6, folder 36	University Extension, 1982-1983
carton 6, folder 37	Society for Industrial Microbiology, 1983-1985
carton 6, folder 38	Postdoctoral research projects, 1986-1998
carton 6, folder 39	Bio-bibliography, 1988-2001
carton 6, folder 40	Office of Technology Transfer, 1991-1998
carton 6, folder 41	Recall appointment, 1992-2001
carton 6, folder 42	Lewis Hall office space, 1994-2000
carton 6, folder 43	Sponsored research projects, 1994-1998
carton 6, folder 44	Organic chemistry seminars, 1995-1996
carton 6, folder 45	Funding, 1997-1998
carton 6, folder 46	List of co-authors, graduates and post-docs, 1997-2002
carton 6, folder 47	Postdoctoral candidates, 1998-2001

Cartons 7-18

SUBSERIES 3.3 **QUARTERLY RESEARCH REPORTS, 1960-2000**

Arrangement

Arranged chronologically.

carton 7, folder 1-3	Raynodine, U. Hollstein, 1960
carton 7, folder 4-7	Porphyrin Synthesis, Donald E. Bergstrom, 1966-1970
carton 7, folder 8	Synthesis of 1,3,8, - Tetramethyl-2,4,5 - Triethyl - 7- Porphyrin, Donald E. Bergstrom, 1966-1970
carton 7, folder 9-13	Preparation and Rearrangement of N-Methyl-2-Methyl-Nipecotic Acid, David L. Lee, 1972-1975
carton 7, folder 14-15	β-Lactams, Philip A. Christenson, 1974-1976
carton 7, folder 16	From Mitomycin A, Stephen N. Falling, 1974-1979
carton 7, folder 17-21	Mitomycin Analogs, Stephen N. Falling, 1974-1979
carton 7, folder 22	Carbocyclic Analogs of β-Lactam Antibiotics, F. Levy, 1975-1976
carton 7, folder 23	Preparation of Carbocyclic β-Lactams, Philip A. Christenson, 1976
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carton 9, folder 1-4	Synthesis of β-Ketoesters, Kazumi Shiosaki, 1979-1982
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carton 9, folder 18-20	Mitomycins, Jay R. Luly, 1980-1983
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carton 10, folder 1	ANC Model System, Walter H. Moos, 1981
carton 10, folder 2-8	Etorphine Analog, 1981-1986
carton 10, folder 9-11	Introduction to the Synthesis of Reticuline, Marc Donsky, 1981
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carton 11, folder 1-5	Ergot Synthesis, 1982-1986
carton 11, folder 6-9	Spiropyrrolidines and Spiropiperidines, Gary Mitchell Karp, 1982-1988
carton 11, folder 10-11	Mitomycin, Kenneth J. Shaw, 1983-1985
carton 11, folder 12	Routes to the Synthesis of Cephalotaxine, Thomas F. Buckley III, 1983
carton 11, folder 13	Synthesis of Sibirosamine, Alan Palkowitz, 1984
carton 11, folder 14-16	Vindoline, Paul L. Feldman, 1983-1987
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carton 13, folder 1-2	Ribonucleotide Aminoacylation CBMTin Peptide Synthesis, Ashis K. Saha, 1986-1989
carton 13, folder 3-4	3,5-Dinitro-4-Methylbenzoic Acid, Robert J. Jones, 1987
carton 13, folder 5-7	Conformationally Constrained Peptides, A.M.P. Koskinen, 1987-1989
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carton 13, folder 9	Ergot Alkaloids, Robert Haner, 1987-1988
carton 13, folder 10-11	Pilocarpine Analogs, Per Sauerberg, 1987
carton 13, folder 12	Vincamine Catharanthene, Peter Gmeiner, 1987-1988
carton 13, folder 13	A Chiral Approach to (+) - Catharanthine, Peter Gmeiner, 1988
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carton 14, folder 13	Analogs of Pyrazoquinolones (CGS), Kwanghee Koh Park, 1989-1990
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carton 14, folder 16	Castanospermine and Epicastanospermine, Marc Gerspacher, 1989-1990
carton 14, folder 17	Ergot Alkaloids Synthesis of 4-Bromotryptophan, Gerhard Stucky, 1989
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carton 16, **Synthesis of Enantiomeric Pure Cocaine, Adrian Thaler, 1991-1992**
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carton 16, **CBMIT Racemization and Approaches to B-Lactams, Frank Gibson, 1992**
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carton 17, folder 3-4	Synthesis of Alkylation of the Pf-protected p-Nitrophenylalanine Methyl Ester and Hydroxymethylation of the β-Position of Pf-aspartate, Dimethylester: Applications to the Synthesis of Biotin, Brian McNelis, 1994
carton 17, folder 5	Synthesis of Novel Carbodiimide Dipropanediol Carbodiimide DPDC, Myung Sook Park, 1994
carton 17, folder 6-7	Approach to the Synthesis of (-)Cocaine and derivatives, via cycloaddition 1,3-dipolar, Josep Castell, 1995
carton 17, folder 8-9	Development of Thioacyl Transfer Reagent, Ashraf Shalaby, 1995-1996
carton 17, folder 10-11	Aurrekoetxea: Preparation of Aziridinobenzo-hexahydroazocine, Natalia Aurrekoetxea, 1995
carton 17, folder 12-19	Synthesis of β-Lactam Antibiotics, Barry P Hart, 1995-1997
carton 17, folder 20	Carbapenem β-Lactam, Sylvie Baudart, 1996
carton 17, folder 21-26	Pxp Toxins, Javier Sanvicente, 1996-1999
carton 18, folder 1	Enantiosepecific Synthesis of Cocaine, Ronghui Lin, 1997
carton 18, folder 2-3	(-)-Nicotine, Sean C. M. Turner, 1997
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carton 18, folder 8	N-Trityl Carboxy Anhydrides, Taebo Sim, 1997
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Carton 19	SERIES 4, PRIVATE SECTOR RESEARCH AND CONSULTING, 1948-2003

Arrangement

Divided into 2 sub-series: Company Files and Patents.

Scope and Content Note

Consists of correspondence and reports for pharmaceutical and biotechnological companies for whom Rapoport consulted. Company Files include correspondence and research materials for the Cerus Corporation, a biotech company that Rapoport helped to develop, as well as research materials and legal testimonies for the Dow Chemical Company and the Chevron Corporation. This second sub-series consists of patents for synthesized compounds developed by Rapoport, as well as the Rapovac, a rotary evaporation device designed for separating and removing volatile substances from a composition in the laboratory.

Carton 19 **SUBSERIES 4.1 COMPANY FILES, 1977-2002**

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carton 19, folder 1-2	Dow Chemical Company, undated
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carton 19, folder 6	GlaxoWellcome, 1988-1995
carton 19, folder 7	Fritzsche Dodge and Olcott, 1989
carton 19, folder 8	One Market Plaza Litigation-Polychlorinated Biphenyls, 1989, undated

carton 19, folder 9	Applied Biosystems, 1989-1991
carton 19, folder 10	Chevron Corporation, 1991
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carton 19, folder 12	Cerus, undated
carton 19, folder 13	Chiron, 1992-2002
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carton 19, folder 15	Synaptic, 1995
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carton 19, folder 17	Medical Science Partners, 1996
carton 19, folder 18	Icagen, 1996-2002
carton 19, folder 20	Gliatech, 1996-2002
carton 19, folder 21	Telik, 1996-2003
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carton 19, folder 23	OncoLogic, 1999, undated
carton 19, folder 24	Bracco, 1999-2001
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carton 19, folder 26	Lion, 1999-2002
carton 19, folder 27	Alcon, 2000
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carton 19, folder 29	Signature Bioscience, 2000-2001
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carton 19, folder 37-38	Cyclic Carbamate Analogues of (+) -Philocarpine, undated

carton 19, folder 39-43	Synthesis of Optically Active Lactones And Intermediates Thereof, undated
carton 19, folder 44-45	Highly Reactive, Water Soluble Carbodiimides, Intermediates and Derivatives Thereof, undated
Cartons 20-22	SERIES 5, GENERAL RESEARCH FILES, 1950-2001
	Arrangement
	Arranged alphabetically and chronologically.
	Scope and Content Note
	Files consist of correspondence, notes, reports, articles, reprints, and other reference materials regarding chemical and pharmaceutical research. Also includes subject files on chemical researchers and other colleagues of Rapoport's.
carton 20, folder 1	Alaska, Department Of Economic Development, 1972-1979
carton 20, folder 2	Albuquerque, E. X., 1983-1991
carton 20, folder 3	Aldrich Chemical Company, 1989-1993
carton 20, folder 4	Alkaloid Biosynthesis, Opium, 1979-1983
carton 20, folder 5	Amino Sugars, undated
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carton 20, folder 7	Aminoacylation, undated
carton 20, folder 8-9	(Aminoindoles, undated
carton 20, folder 10	Anatoxin, 1987-1991
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carton 20, folder 16	Backbone Modified Peptides, 1989, undated
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carton 20, folder 20	Bergstrom, Donald E., 1970-1984
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carton 20, folder 22	Bile Pigments, 1967, undated
carton 20, folder 23	Biotin, undated
carton 20, folder 24	Budged Diketopiperazenes, 1974, undated
carton 20, folder 25	Chen, D.S., 1976
carton 20, folder 26	Claisen Rearrangement, undated
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carton 20, folder 28-29	Cytochrome ζ, undated
carton 20, folder 30	DAS, 1977-1980
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carton 20, folder 36	Epoxides, undated
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carton 20, folder 38	Erythromycin, undated
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carton 21, folder 1	Gutman, M., 1975-1990
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carton 21, folder 8	Iminium Salts-General, 1960-1983
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carton 21, folder 13	Irvine, Donald G., 1972-1973
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carton 21, folder 44	Opiate Synthesis-(Methylene)lactam, 1977, undated
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carton 22, folder 21	Tautomerism Protopropyl, undated
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carton 22, folder 27	Tularik, 1999-2001
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carton 22, folder 32	Winterfeldt, E., 1974-1980
carton 22, folder 33	Miscellaneous research materials, undated
Cartons 22-23	SERIES 6, PROFESSIONAL APPOINTMENTS AND AFFILIATIONS, 1950-2000

Arrangement

Divided into 2 sub-series: Organizations and Committees and Conferences.

Scope and Content Note

Includes correspondence, meeting minutes, invitations to lecture, and other materials relating to Professor Rapoport's committee work and membership in dozens of national and international chemistry societies and conferences. Also included in this series is correspondence documenting Rapoport's work as external examiner for Ph.D. candidates at Nigerian and Indian universities.

Cartons 22-23

SUBSERIES 6.1 ORGANIZATIONS AND COMMITTEES, 1958-1998

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carton 22, folder 37	Medicinal Chemistry: A Study Section, 1970-1986
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carton 22, folder 42	Northern California Cancer Program, 1977
carton 22, folder 43	Nigerian Universities Theses Examination, 1977-1984
carton 22, folder 44	Indian Universities Theses Examinations, 1978-1991
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carton 23, folder 2	Journal of National Products, 1980-1988
carton 23, folder 3	American Association for the Advancement of Science, 1984-1988
carton 23, folder 4	International Organization for Chemical Sciences in Development, 1984-1985
carton 23, folder 5	National Institute on Drug Abuse, 1986-1991
carton 23, folder 6	Louisiana Stimulus for Excellence In Research, 1990
carton 23, folder 7	San Francisco Schools, 1998

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SUBSERIES 6.2 **CONFERENCES, 1950-2000**

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carton 23, folder 11	International Symposium Biochemistry and Physiology of Alkaloids, 1965, 1965-1968
carton 23, folder 12	Natural Products Symposia, 1965-1980
carton 23, folder 13	Gordon Research Conference, 1965-1997
carton 23, folder 14	International Biochemistry Congresses, 1966-1970
carton 23, folder 15	International Congress of Heterocyclic Chemistry, 1966-1984
carton 23, folder 16-17	American Chemical Society Workshop, India, 1980, 1978-1981
carton 23, folder 18	Latin American Chemical Congress, 1982
carton 23, folder 19	Natural Products and Drug Development, 1982-1983
carton 23, folder 20	Nucleotide Meetings, 1982-1984
carton 23, folder 21	Optical Properties and Structure of Tetrapyrroles, 1984

carton 23, folder 22	Symposium on Synthetic Organic Chemistry, Kyoto, 1984
carton 23, folder 23	International Symposium and Binational Workshop on the Chemistry of Natural Products, 1985
carton 23, folder 24	Royal Society of Chemistry, Annual Congress, 1986, 1985-1986
carton 23, folder 25	Cyprus Conference on New Methods in Drug Research, 1987, 1986-1987
carton 23, folder 26	International Symposium on the Synthesis and Applications of Isotopically Labeled Compounds, 1988
carton 23, folder 27	Society of Chemical Industry, New Horizons in Amino Acid Chemistry, 1995, 1994-1995
carton 23, folder 28	Michigan Chemistry Tour, 1994-1997
carton 23, folder 29	Shanghai Institute of Organic Chemistry, 1997
carton 23, folder 30	Committee on Science and Technology in Developing Countries, London 1999, 1999-2000
Carton 23, Oversize box 1	SERIES 7, PERSONAL PAPERS, 1936-2002
	Arrangement
	Arranged chronologically.
	Scope and Content Note
	Includes math and physics notes from some of Rapoport's undergraduate courses at M.I.T., correspondence relating to his Guggenheim Fellowship, biographical materials, and condolence letters to Mrs. Rapoport. Also in this series is a scrapbook documenting his education, marriage, and career.
Oversize box 1	Scrapbook, 1936-2002
carton 23, folder 31	Atlantic City High School Diploma Of Graduation, 1936
carton 23, folder 32-33	Math notes, undated
carton 23, folder 34-35	Physics lab notes, 1936-1957
carton 23, folder 36	MIT Graduation Exercises, 1940
carton 23, folder 37	Guggenheim Fellowship, undated
carton 23, folder 38	Awards, 1989, undated
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carton 23, folder 40	Rapoport Reunion, 1997
carton 23, folder 41	Retirement correspondence, 2001, undated
carton 23, folder 42	Condolence letters, 2002, undated