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Louis Planck Hammett papers 4078526

This finding aid was produced using ArchivesSpace on January 22, 2025.

Description is written in: English.

Describing Archives: A Content Standard

Rare Book and Manuscript Library

Butler Library, 6th Floor
Columbia University, Mail Code 1127
535 W. 114th St.
New York, NY 10027
Business Number: (212) 854-5153
Fax Number: (212) 854-1365
rbml@libraries.cul.columbia.edu
URL: <http://www.columbia.edu/cu/lweb/indiv/rbml/index.html>

Table of Contents

Summary Information	3
Biographical sketch	3
Scope and Content	4
Arrangement	4
Administrative Information	5
Controlled Access Headings	6
Collection Inventory	6
Series I: Correspondence	6
Series II: Subject Files	6
Series III: Manuscripts	7
Series IV: Printed Material	7
Series V: Memorabilia	7

Summary Information

Repository:	Rare Book and Manuscript Library
Creator:	Hammett, Louis P. (Louis Plack), 1894-1987
Title:	Louis Planck Hammett papers
ID:	4078526
ID:	MS#0549
Date [inclusive]:	1921-1986
Physical Description:	3 linear feet 6 boxes, 1 oversize folder, 1 cmibox
Language of the Material:	English .

Preferred Citation

Identification of specific item; Date (if known); Louis Planck Hammett papers; Box and Folder; Rare Book and Manuscript Library, Columbia University Library.

[^ Return to Table of Contents](#)

Biographical sketch

Louis Planck Hammett, 1894-1987 (Ph.D. 1923, Columbia), professor at Columbia University, 1920-1961; Mitchell Professor of Chemistry Emeritus, 1961-1987. Hammett taught graduate and undergraduate courses in Quantitative Analysis, Physical Chemistry, and Physical Organic Chemistry. Hammett's chief research interests lay in the application of the quantitative methods of physical chemistry to the problems of theoretical organic chemistry.

[^ Return to Table of Contents](#)

Scope and Content

Correspondence, manuscripts, documents, memorabilia, clippings, printed materials, and cassette tapes. Hammett's correspondence covers his retirement years, 1961-1986 and deals with translations and revised editions of his major works: *Solutions of Electrolytes* (1929), *Physical Organic Chemistry* (1940), and *Introduction to the Study of Physical Chemistry* (1952); congratulatory letters to Hammett upon his receiving various awards, including a letter from John F. Kennedy; congratulatory letters from Hammett to colleagues on their work; and correspondence with younger chemists about their research. Two letters from James B. Conant from 1947 constitute the only early correspondence. Manuscripts are comprised of Hammett's lectures and speeches given before meetings of scientists, 1961-1970; an oral history of Hammett by the American Institute of Physics (1978); papers given by various chemists at the Symposium on the History of Physical Organic Chemistry in 1983. There are also 10 cassette recordings of the above symposium.

[^ Return to Table of Contents](#)

Scope and Content

Subject files contain correspondence, documents, and clippings dealing with Hammett's professional associations, plus a file of clippings on nuclear disarmament. Printed materials are reprints of Hammett's articles from scientific journals, 1921-1966, including the 1937 article in which he first described his formula for determining chemical reaction rates, known as the "Hammett Equation." Memorabilia contains certificates, awards, and an honorary degree from Columbia University. Also included are Hammett's notes and manuscript for his 1970 book, *Physical Organic Chemistry*.

[^ Return to Table of Contents](#)

Arrangement

Material is divided into five series.

[^ Return to Table of Contents](#)

Administrative Information

Publication Statement

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Revision Description

File created. xml document instance created by Carrie Hintz EAD was imported spring 2019 as part of the ArchivesSpace Phase II migration. 2009-06-26 2013-04-02 2019-05-20

Restrictions on Access

This collection is located off-site. You will need to request this material at least three business days in advance to use the collection in the Rare Book and Manuscript Library reading room.

Restrictions on Access

This collection has no restrictions.

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Immediate Source of Acquisition

Source of acquisition--Chemistry Department. Method of acquisition--Transfer; Date of acquisition--07/24/87. Accession number--M-87-07-24.

Ownership and Custodial History

Transfer from the Chemistry Department, 1987.

Processing Information

Processed 03/31/88.

Accruals

Materials may have been added to the collection since this finding aid was prepared. Contact rbml@columbia.edu for more information.

[^ Return to Table of Contents](#)

Controlled Access Headings

- Physical organic chemistry
- Chemistry
- Correspondence
- Chemists -- United States -- 20th century
- Kennedy, John F (John Fitzgerald), 1917-1963
- Conant, James Bryant, 1893-1978
- American Institute of Physics

Collection Inventory

Series I: Correspondence

Title/Description	Instances
Cataloged Correspondence	
Conant, James B.	box 1
Kennedy, John F.	box 1
Arranged Correspondence	
Miscellaneous	box 1
<u>Physical Description</u> : (18 folders)	
Relating to Gibson Award	box 1

[^ Return to Table of Contents](#)

Series II: Subject Files

Title/Description	Instances
American Chemical Society	box 1
Bibliography: & Biography	box 1
Columbia University	box 1
Doctoral-Student & Post Doctoral	box 1
National Academy of Science	box 1
Nuclear Disarmament	box 1
Visiting Professorship	box 1

[^ Return to Table of Contents](#)

Series III: Manuscripts

Title/Description	Instances
Acid & Base Catalyzed Reactions	box 2
Lectures	box 2
Oral History of Louis P. Hammett by the American Institute of Physics, 1978	box 2
Speeches	box 2
Symposium on "Science and the Information Onslaught"	box 2
Symposium on History of Physical Organic Chemistry (2)	box 2
Symposium on History of Physical Organic-Reference & Authors cited-Printout	box 2
Physical Organic Chemistry (manuscript and notes)	box 3
Physical Organic Chemistry (manuscript and notes)	box 4

[^ Return to Table of Contents](#)

Series IV: Printed Material

Title/Description	Instances
Printed Material	box 5

[^ Return to Table of Contents](#)

Series V: Memorabilia

Title/Description	Instances
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Tapes of Symposium on the History of Physical Organic Chemistry (10 cassette tapes)	box 6
Memorabilia	folder Oversized
Documents - Doctor of Science diploma from Columbia University	cmibox 7

[^ Return to Table of Contents](#)