

Bergmann (Max) papers

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English

Describing Archives: A Content Standard

Rockefeller Archive Center

15 Dayton Avenue Sleepy Hollow 10591

archive@rockarch.org

URL: http://www.rockarch.org

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Summary Information

Repository: Rockefeller Archive Center

Creator: Rockefeller Institute for Medical Research

Creator - aut: Bergmann, M. (Max)

Creator: Rockefeller University

Title: Max Bergmann papers, Rockefeller Institute for Medical Research

Scientific Staff

ID: FA001

Date [inclusive]: 1886-1961 (bulk 1941-1945)

Date [bulk]: 1941-1945

Physical Description: 7.31 Cubic Feet 19 boxes

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

Biographical / Historical

Max Bergmann was a German biochemist. He was born in Furth, Bavaria on February 12, 1886. After receiving his Ph.D. from the University of Berlin in 1911, he worked closely as an assistant to Hermann Emil Fischer from 1911 to 1919. Together, they laid the foundation for scientific knowledge of proteins, carbohydrates, and tannins. Following the suicide of Fischer, Bergmann accepted a position as Vice—Director and Head of the Department of Organic Chemistry at the Kaiser Wilhelm Institute for Fiber Chemistry in Berlin. In 1921, he moved on to serve as Director of the Kaiser Wilhelm Institute for Leather Research until 1933. When the conditions in Germany grew too hostile, he emigrated to the United States and became an Associate Member of the Rockefeller Institute for Medical Research where he continued as a pioneer of applied sciences focused on proteins and protein—splitting enzymes, as well as the chemistry of carbohydrates and fats. In 1937, he became a full member of the Institute. He died at Mount Sinai Hospital in New York on November 7, 1944. At the time of his death, he was working

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under contract with the U.S. Office of Scientific Research and Development to benefit the national defense during World War II. This research focused on the synthetic, analytical, and inorganic problems in chemical warfare and B–4 toxicity, especially mustard gases.

Chronology	
1886	Born February 12, 1886 in Furth, Bavaria.
1907	B.S. from the University of Munich.
1911	Ph.D. from the University of Berlin.
1911–1919	Assistant to Emil Fischer at the University of Berlin.
1915	Son Peter G. Bergmann is born.
1917	Daughter Esther M. Bergmann is born.
1919–1921	Vice–Director and Head of the Department of Organic Chemistry at the Kaiser Wilhelm Institute for Fiber Chemistry in Berlin.
1921–1933	Director of the Kaiser Wilhelm Institute for Leather Research and Honorary Professor for Leather Chemistry and Biochemistry at the Technical Hochschule in Dresden.
1928–1933	Elected President of the International Society of Leather Chemists
1934–1937	Associate Member of the Rockefeller Institute for Medical Research.
1937–1944	Full Member of the Rockefeller Institute for Medical Research.
1940	Becomes a naturalized U.S. citizen May 18, 1940.
1944	Dies November 7, 1944 at Mount Sinai Hospital, New York.

Scope and Contents

This collection primarily documents the laboratory research and administration of biochemist Dr. Max Bergmann during his tenure at the Rockefeller Institute for Medical Research, now the Rockefeller University, from 1934 until his death in 1944. The records are particularly focused on the research he conducted in the 1940s on problems of interest to the U.S. Armed Forces, namely the synthetic, analytical, and inorganic problems in chemical warfare and B–4 toxicity, especially mustard gases. Records consist mostly of laboratory research notes, notes on related scientific literature, research progress reports, correspondence with colleagues and administrative officials, administrative circulars and memoranda, reprints of Bergmann publications, and receipts of classified reports and scientific samples. Research topics of interest include World War II chemical warfare research, Selective Service deferments for scientists, policies and procedures of the Office of Scientific Research and Development and the National Defense Research Committee, and the "brain drain" or significant emigration of scientists and technologists to the United States from Europe as a result of hostile conditions prior to World War II. The collection also contains a minimal amount of biographical material, including Bergmann's personal correspondence, documents relating to Bergmann's funeral, and photographs.

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Arrangement

The collection is arranged in six series: 1) Personal, 2) Laboratory Administration, 3) Research, 4) Publications, 5) Declassified Reports and 6) Lantern Slides. See the individual series descriptions for more details on the contents. of each series.

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File Plan

Former Classification: I 450 B454

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Administrative Information

Publication Statement

Rockefeller Archive Center

15 Dayton Avenue Sleepy Hollow 10591 archive@rockarch.org

URL: http://www.rockarch.org

Processing Information

The collection was reviewed by archivist Francis Butkus of the National Archives in 1985. The majority of the collection was then declassified. During archival processing, the remaining classified documents were separated into Box 15 and have since been declassified as of December 28, 2011. Use the stamped declassified copies in Box 15 for access to these materials. Max Bergmann's physical examination records are closed in accordance with HIPAA regulations.

Immediate Source of Acquisition

Received from the Rockefeller University in 1981.

Conditions Governing Use

Copyright restrictions may apply. All requests for reproduction and use of material require additional forms to be submitted for approval by the Rockefeller Archive Center.

Appraisal

Duplicate reports and circulars were discarded. Also, in cases where preservation photocopies were necessary due to the poor condition of the original document, the original document was discarded.

Conditions Governing Access

Access to this collection is restricted pending permission from Rockefeller University.

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Related Materials

Related Materials

The American Philosophical Society (APS) Library has additional papers of Max Bergmann. A copy of the collection description and inventory for the records housed at the APS Library can be found in Series 1, Folder 1. An abstract of the collection is also available on the APS Library website at: http://www.amphiloc.org/library/mole/b.htm#Bergmann.

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Controlled Access Headings

- World War II
- Chemical warfare
- Biochemistry
- Japan

Collection Inventory

Personal, 1886–1961 (bulk 1933–1946) (1933-1946)

Physical Description: 0.2 Cubic Feet

Arrangement:

Alphabetical by subject or format.

Summary:

This series consists primarily of Bergmann's correspondence from 1934–1944 documenting his appointment to the Rockefeller Institute of Medical Research (RIMR), arrangements for his arrival in the U.S., efforts to gain immigrant status, retiring allowances, and RIMR administrative matters. Correspondents include Simon Flexner, H. T. Clarke, and J. B. Conant. The series also documents Bergmann's death and his funeral service held at RIMR, including a biographical memoir written by Joseph S. Fruton that was used in the Memorial Minute adopted by the Board of Scientific Directors and a short address delivered by Fruton at the funeral service. Other biographical records consist of copies of documents submitted for naturalization, including Bergmann's birth certificate, prison record, and marriage certificate, all of which are in German. Also included are several photographs of Bergmann, a listing of periodicals and books from Bergmann's library that were made available for purchase by Joseph Fruton

following Bergmann's death, and a copy of the collection description and inventory for the Max Bergmann papers housed at the American Philosophical Society Library.

Title/Description	Instances	
American Philosophical Society Library: Max Bergmann Papers, undated	box 1	folder 1
Diaries, See logbooks		
Bergmann, Martha, 1944–1961	box 1	folder 2
Biographical Synopses, 1944, 1946	box 1	folder 3
Correspondence, 1933–1944	box 1	folder 4
	box 1	folder 5
Funeral Service, 1944–1945	box 1	folder 6
Naturalization Documents, 1886–1945	box 1	folder 7
Photographs, [192?]–1944	box 1	folder 8
Physical Examinations, 1924?, 1934?	box 1	folder 9
Scientific Periodicals and Books from the Library of Dr. Max Bergmann, 1944	box 1	folder 10

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Laboratory Administration, 1934–1946 (bulk 1941–1944) (1941-1944)

Physical Description: 3.5 Cubic Feet

Arrangement:

This series has been retained in its original order and the original file folder labels were used. Bergmann arranged his folders alphabetically by subject. Within the folders, he roughly arranged his records either in reverse chronological order or by subject depending on the type of document. For instance, the correspondence files tend to be in reverse chronological order, whereas more general files are in alphabetical order by subject, which is usually typed on the right side of the document. His arrangement within folders, however, is not always consistent. The Office Memorandum folders, for instance, combine order by memorandum number within a rough overall alphabetical order. Bergmann also maintained a system of extensive cross—references within these files.

Summary:

This series documents Max Bergmann's administration of his laboratory at Rockefeller University while it was under contract with the U.S. Office of Scientific Research and Development to conduct research of benefit to the national defense during World War II. This research focused on the synthetic, analytical, and inorganic problems in chemical warfare and B–4 toxicity, especially mustard gases. This series consists primarily of correspondence, receipts, and forms tracking the routine exchange and use of scientific reports. Correspondence with other scientists also documents the exchange of samples, as well as directions for specific tests, preparations of samples, and brief discussions of reactions and test results. Also included is a significant amount of correspondence and forms related to the Espionage Act Oaths of Secrecy and Selective Service deferments for the scientists working in Bergmann's laboratory. The Literature files consist of reports and reprints from other scientists, along with Bergmann's handwritten notes about what he read. Also included in this series is an incomplete set of Administrative Circulars and Office Memorandum documenting the policies and procedures of the Office of Scientific Research

and Development and the National Defense Research Committee. The majority of memos are located in Box 5, but some are filed alphabetically by subject throughout the series.

Eight folders in this series have a correlating folder with the same title in series 5: Declassified Reports, the contents of which were declassified by the U.S. Army after this collection was archivally processed. Researchers may wish to review both the folder in this series as well as the one with the same title found in series 5 for a full view of material on a given subject.

Title/Description	Instances	
A1940–1944	box 1	folder 11
Account "K" NDRC, 1942–1945	box 1	folder 12
B1942-1945	box 1	folder 13
Bergmann Appointments: Consultant Official Investigators, 1941–1943	box 1	folder 14
Bergmann, Max Dr., 1940–1944	box 1	folder 15
Bowman, Robert A., 1941–1943	box 1	folder 16
Bush, Vannevar, 1940–1944	box 1	folder 17
C1934–1946	box 2	folder 1
Cannan, R. K., 1942–1944	box 2	folder 2
Chadwell, Harris M., 1942	box 2	folder 3
Campbell, Mrs. Marcia D., 1943	box 2	folder 4
Cohen, Barbett, 1942–1944	box 2	folder 5
Conner, Ralph A., 1942	box 2	folder 6
Contract No. OEMsr-313, 1942-1945	box 2	folder 7
Contract Symbol 881, 1942	box 2	folder 8
Cope, Arthur C., 1942–1944	box 2	folder 9
Cori, Carl F., 1942–1944	box 2	folder 10
D1940-1945	box 2	folder 11
DB 3 Reagent: Directions for use of, 1942–1943	box 2	folder 12
Deferments Log, 1944–1945	box 2	folder 13
Directions, 1934, 1943	box 2	folder 14
Discussion Log, 1943	box 2	folder 15
Du Vigneaud, Vincent, 1942–1944	box 2	folder 16
E1942–1944	box 2	folder 17

File Plan

Former Classification: I 450 B454, Box 2

Espionage Act, 1940–1945	box 2	folder 18
F1941–1944	box 2	folder 19
Failey, Crawford F., 1942–1944	box 2	folder 20
Friedenwald, Jonas S., 1942–1944	box 2	folder 21
Fruton, Joseph S., 1942–1946	box 3	folder 1
G1940–1945	box 3	folder 2
Gasser, H. S., 1941–1944	box 3	folder 3
Golumbic, Calvin, 1941–1945	box 3	folder 4
H1941–1944	box 3	folder 5
I1941–1945	box 3	folder 6
Indexes to Reports, 1944	box 3	folder 7
J1942–1944	box 3	folder 8
K1942–1944	box 3	folder 9
KB 16: Correspondence, 1942	box 3	folder 10
Kelley, Dr. Louise, 1942–1945	box 3	folder 11
L1942–1944	box 3	folder 12
Literature I, 1943–1945	box 3	folder 13
Literature II: A. G. Ogston and R. A. Peters, 1940–1943	box 3	folder 14
Literature III: E thru L, 1942–1944	box 3	folder 15
Literature IV: Miscellaneous, 1942–1943	box 3	folder 16
Literature V: A thru D, 1942–1944	box 3	folder 17
Literature VI: M thru P, 1942–1944	box 3	folder 18
Literature VII: Michael Heidelberger, 1943	box 3	folder 19
Literature VIII: Edgewood Arsenal, 1943–1944	box 3	folder 20
Literature IX: Howe Laboratory, 1942–1944	box 4	folder 1
Literature X: Salter, William T., 1942–1944	box 4	folder 2
Literature XI: Skipper, H. E., 1943	box 4	folder 3
Literature XII: Porton Reports, 1942–1944	box 4	folder 4
Literature XIII: Q thru Z, 1941–1944	box 4	folder 5
Literature XIV: Wilmer Institute, 1942–1943	box 4	folder 6

M1941–1944	box 4	folder 7
Mail, 1941–1944	box 4	folder 8
Material Received, 1942	box 4	folder 9
McClean, Franklin C., 1942–1944	box 4	folder 10
McMaster, Philip D., 1942–1944	box 4	folder 11
Me, 1942–1944	box 4	folder 12
Meetings		
Invitations, 1941–1944	box 4	folder 13
Minutes and Notes, 1942–1944	box 4	folder 14
Moore, Stanford , undated, 1942–1946	box 4	folder 15
	box 5	folder 1
N1941–1946	box 5	folder 2
Nagy, Stephen, 1942-1944	box 5	folder 3
Northrop, John H., 1941–1944	box 5	folder 4
O1941–1945	box 5	folder 5
Office Memorandum (2 folders), 1940–1945	box 5	folder 6
	box 5	folder 7
P1941–1944	box 5	folder 8
Pending, 1942–1946	box 5	folder 9
Penetration Work, 1943–1944	box 5	folder 10
Q1942–1944	box 5	folder 11
R1942–1945	box 5	folder 12
Renshaw, Birdseye, 1943–1945	box 5	folder 13
Receipts		
A reports, 1942–1944	box 5	folder 14
B reports (2 folders), 1941–1945	box 6	folder 1
	box 6	folder 2
Bushnell Weekly News Letters, 1944–1945	box 6	folder 3
C reports, 1942–1945	box 6	folder 4
CMR Reports, 1943–1945	box 6	folder 5
Miscellaneous, 1942–1946	box 6	folder 6
Moore, Stanford, 1943–1944	box 6	folder 7

Progress Reports, 1942–1945	box 7	folder 1	
Reports Returned to Washington, 1946	box 7	folder 2	
Special Reports (2 folders), 1942–1945	box 7	folder 3	
	box 7	folder 4	
Reports			
9:5:1, 1942–1945	box 7	folder 5	
File Plan			
Former Classification: I 450 B454, Box 7			
Borrowed Log, 1944–1945	box 7	folder 6	
File Plan			
Former Classification: I 450 B454, Box 7			
CMR, 1943–1945	box 7	folder 7	
File Plan			
Former Classification: I 450 B454, Box 7			
Disposition of Extra Copies, 1942–1945	box 7	folder 8	
File Plan			
Former Classification: I 450 B454, Box 7			
Received, A–B–C, 1942–1945	box 7	folder 9	
File Plan			
Former Classification: I 450 B454, Box 7			
Received Log, 1943–1945	box 7	folder 10	
File Plan			
Former Classification: I 450 B454, Box 7			
Received, Other Progress Reports (3 folders), 1942–1945	box 8	folder 1	
File Plan	box 8	folder 2	
Former Classification: I 450 B454, Box 7 (2745) and Box 8 (2746)	box 7	folder 11	
File Plan			
Former Classification: I 450 B454, Box 7			
Returned to Washington, 1946	box 8	folder 3	

S1941–1945	box 8	folder 4
S 1130 Compound, 1942–1943	box 8	folder 5
Samples: Received and Sent Out, 1942–1944	box 8	folder 6
Selective Service Deferment (2 folders), 1941–1945	box 8	folder 7
	box 8	folder 8
Shriner, R. L., 1943	box 8	folder 9
Smith, Homer W.		
I. Miscellaneous Correspondence, 1942–1945	box 8	folder 10
II. Invitations to Meetings, 1942	box 9	folder 1
III. Reports, 1942–1945	box 9	folder 2
IV. Samples Sent, 1942–1944	box 9	folder 3
Stahmann, Mark A.		
General, 1942–1945	box 9	folder 4
C.W. Agents Program, 1943	box 9	folder 5
Stein, William H., 1942–1946	box 9	folder 6
Stewart, Irvin, 1942–1945	box 9	folder 7
Stock, C. Chester, 1942–1944	box 9	folder 8
T1942–1945	box 9	folder 9
Telephone Numbers, 1941, 1942	box 9	folder 10
Substituted Thioureases: Yoe and Overholser, undated	box 9	folder 11
Travel, 1942	box 9	folder 12
U1942–1943	box 9	folder 13
V1942–1944	box 9	folder 14
Vickery, H. B., 1942	box 9	folder 15
W1942–1944	box 9	folder 16
W Agent, 1943–1945	box 9	folder 17
X-Y-Z, 1942–1945	box 9	folder 18

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Research, 1940–1946

Physical Description: 1.1 Cubic Feet

Arrangement:

Alphabetical by subject or format.

Summary:

This series documents the research Max Bergmann and his scientific staff conducted under contract with the U.S. Office of Scientific Research and Development to benefit the national defense during World War II. This research focused on the synthetic, analytical, and inorganic problems in chemical warfare and B–4 toxicity, especially mustard gases. Records consist primarily of informal and formal progress reports, as well as the laboratory and literature notes of two of Bergmann's key scientific staff members, William H. Stein and Stanford Moore.

Eight folders in this series have a correlating folder with the same title in series 5: Declassified Reports, the contents of which were declassified by the U.S. Army after this collection was archivally processed. Researchers may wish to review both the folder in this series as well as the one with the same title found in series 5 for a full view of material on a given subject.

Title/Description	Instances	
British Reports, undated, 1941–1942	box 10	folder 1
Drafts and Corrections		
KB-16 Report, undated	box 10	folder 2
N–Mustards Reports (8 folders), [194?]	box 10	folder 4
	box 10	folder 5
	box 10	folder 6
	box 10	folder 7
	box 10	folder 8
	box 10	folder 9
	box 10	folder 10
	box 10	folder 3
Penetration Report, 1946	box 10	folder 11
S–Mustards Reports (7 folders), [194?]	box 10	folder 12
	box 10	folder 13
	box 10	folder 14
	box 10	folder 15
	box 10	folder 16
	box 10	folder 17
	box 10	folder 18
Formal Progress Reports		
Chemical Reactions of Divinyl Sulfone, H Sulfone, and Divinyl Sulfoxide, 1944	box 10	folder 19
Chemical Reactions of the Nitrogen Mustards, 1944	box 10	folder 20

Chemical Reactions of Semi-H and H, 1944	box 10	folder 21
The Chemistry of Q, 1944	box 10	folder 22
The Chemistry of Sulfonium Salts Related to H, 1944	box 10	folder 23
N-Nitroso-N-Chloroethylcarbamic Acid Methyl Ester (TL 186), 1942	box 10	folder 24
The Penetration of Vesicant Vapors into Human Skin, 1945	box 10	folder 25
The Reactions of Amine Mustards with Chemical Constituents of Biological Systems, 1943	box 10	folder 26
The Reactions of DH, TL 146, TL 329, and TL 145 with Some Chemical Constituents of Biological Systems, 1943	box 10	folder 27
Some Reactions of Mustard Gas with Proteins and Proteolytic Enzymes, 1943	box 10	folder 28
Informal Progress Reports		
December, 1941	box 10	folder 29
January – February, 1942	box 10	folder 30
March – April, 1942	box 10	folder 31
May – June, 1942	box 10	folder 32
July – August, 1942	box 10	folder 33
September – October, 1942	box 10	folder 34
November – December, 1942	box 11	folder 1
January – February, 1943	box 11	folder 2
March – April, 1943	box 11	folder 3
May – June, 1943	box 11	folder 4
July – August, 1943	box 11	folder 5
September – October, 1943	box 11	folder 6
November – December, 1943	box 11	folder 7
January – February, 1944	box 11	folder 8
March – April, 1944	box 11	folder 9
May – June, 1944	box 11	folder 10
July – August, 1944	box 11	folder 11
September – October, 1944	box 11	folder 12
November – December, 1944	box 11	folder 13
Laboratory Scientific and Volunteer Staff, 1934–1945	box 11	folder 14

Moore, Stanford

Laboratory Notes, 1942	box 11	folder 15	
Literature Notes, 1942	box 11	folder 16	
Report Summaries: Copy Instructions, 1942–1943	box 11	folder 17	
Stein, William H.			
Chapter 19. Chemical Reactions of the Sulfur and Nitrogen Mustards, undated, 1946	box 11	folder 18	
Laboratory Notes, 1942	box 11	folder 19	
Laboratory Notes, 1943–1944	box 11	folder 20	
Literature Notes – 1130, 1942	box 12	folder 1	
Literature Notes – H (Chemical), 1940–1945	box 12	folder 2	
Literature Notes – H (Physiological), 1942–1944	box 12	folder 3	
Literature Notes – H and Divinyl Sulfone, 1941–1944	box 12	folder 4	
Literature Notes – MFA, undated, 1942–1944	box 12	folder 5	
Literature Notes – N–Mustards, 1942–1944	box 12	folder 6	
Literature Notes – Other Agents, undated, 1942–1944	box 12	folder 7	
Literature Notes – Q and Related Compounds, undated, 1943	box 12	folder 8	
Literature Notes – W Agent, undated, 1943	box 12	folder 9	
Special Notes, 1942	box 12	folder 10	
TL 110, undated, 1943	box 12	folder 11	

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Publications, 1911–1946

Physical Description: 1 Cubic Feet

Arrangement:

The reprints were maintained in their original order based on sequential numbers assigned to each. This numerical order generally corresponds to chronological order. Several un–numbered reprints dating from 1926 to 1946 that were not incorporated in the original order can be found at the end of the series. The bibliography of his collected papers, reprint index, and reprint lists do not correlate with the order of the reprints and should not be relied upon as an access tool.

Summary:

This series documents the published works of Max Bergmann. It includes a bibliography of his collected papers, a card catalog index of his reprints dating from 1911 to 1926, and two lists of reprints.

Title/Description	Instances	
Collected Papers: Bibliography, [1946+]	box 12	folder 12

Reprint Index, 1911–1926	box 12	folder 13
Reprint Lists, [1926+, 1941+]	box 12	folder 14
Reprints		
1–10, 1911–1921	box 12	folder 15
11–20, 1921–1922	box 12	folder 16
21–30, 1922–1923	box 12	folder 17
31–40, 1923–1924	box 12	folder 18
41–50, 1924–1925	box 13	folder 1
51–60, 1925	box 13	folder 2
61–70, 1925–1926	box 13	folder 3
71–80, 1926	box 13	folder 4
81–90, 1926–1927	box 13	folder 5
91–100, 1928	box 13	folder 6
101–110, 1928–1929	box 13	folder 7
111–120, 1929	box 13	folder 8
121–130, 1929–1930	box 13	folder 9
131–140, 1930	box 13	folder 10
141–150, 1930–1931	box 13	folder 11
151–160, 1931	box 13	folder 12
161–170, 1932	box 13	folder 13
171–180, 1932	box 13	folder 14
181–190, 1932–1933	box 13	folder 15
191–200, 1933–1934	box 14	folder 1
201–210, 1934	box 14	folder 2
211–220, 1934–1935	box 14	folder 3
221–230, 1936–1937	box 14	folder 4
231–240, 1937–1938	box 14	folder 5
241–250, 1937–1939	box 14	folder 6
251–260, 1939–1940	box 14	folder 7
261–270, 1940–1941	box 14	folder 8
271–280, 1941–1942	box 14	folder 9
281–290, 1942–1945	box 14	folder 10

Un-numbered, 1926-1946

box 14

folder 11

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Declassifed Reports, 1940-1945

Physical Description: 0.4 Cubic Feet

Access::

Access:

Researchers are required to use the stamped declassified photocopies in Box 15. The originals are in Box 16 and are closed.

Summary:

This series contain documents that were declassified by the U.S. Army after this collection was archivally processed. The contents of each folder in series 5 originated from a correlating folder of the same name in either series 2 or series 3. Researchers may wish to review both the folder in this series as well as the one with the same title found in a previous series for a full view of material on a given subject.

Arrangement note:

The folders in series 5 are in the same order as the correlating folders in series 2 and 3.

Title/Description	Instances	
Literature II: A. G. Ogston and R. A. Peters, 1940-1943	box 15	folder 1
Literature III: E thru L, 1942-1944	box 15	folder 2
Literature IV: Miscellaneous, 1942-1943	box 15	folder 3
Literature V: A thru D, 1942-1944	box 15	folder 4
Literature VI: M thru P, 1942-1944	box 15	folder 5
Literature XII: Porton Reports, 1942-1944	box 15	folder 6
Literature XIII: Q thru Z, 1941-1944	box 15	folder 7
M1941–1944	box 15	folder 8
Research: British Notes, undated, 1941–1942	box 15	folder 9
Literature Notes – H (Chemical), 1940-1945	box 15	folder 10
Literature Notes – H (Physiological), 1942-1944	box 15	folder 11
Literature Notes – H and Divinyl Sulfone, 1941-1944	box 15	folder 12
Literature Notes – MFA, undated, 1942-1944	box 15	folder 13
Literature Notes – N–Mustards, 1942-1944	box 15	folder 14
Literature Notes – Other Agents, undated, 1942-1944	box 15	folder 15
Literature Notes – W Agent, undated, 1943	box 15	folder 16

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Lantern Slides, Undated

Physical Description: 0.75 Cubic Feet Extent is approximate.

Title/Description	Instances
Lantern slides	box 17
Lantern slides	box 18
Lantern slides	box 19

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