



Smithsonian
National Museum of American History
Kenneth E. Behring Center

Guide to the Saul Dushman Papers

NMAH.AC.0101

Robert S. Harding, archivist

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Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Saul Dushman Papers
Identifier:	NMAH.AC.0101
Date:	1924-1954
Extent:	7.3 Cubic feet (23 boxes)
Creator:	Dushman, Saul, (electrical engineer), 1883-1954
Language:	English Collection is in English.
Summary:	The papers document Dushman's work at the Research Laboratory of General Electric Company (GE).

Administrative Information

Acquisition Information

Immediate source of acquisition unknown.

Provenance

The collection was transferred to the Archives Center from the Division of Electricity (now the Division of Work and Industry) in March 1984.

Processing Information

Processed by Robert S. Harding, archivist, 1984.

Preferred Citation

Saul Dushman Papers, Archives Center, National Museum of American History, Smithsonian Institution

Restrictions

Collection is open for research.

Conditions Governing Use

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Biographical / Historical

Saul Dushman (1883-1954) was born in Russia and emigrated to the United States in 1891. In 1912, Dushman joined the Research Laboratory of General Electric Company (GE) where he spent the rest of his career with only one interruption; from 1922 to 1925, he served as director of the Research Division of the Edison Lamp Works. Dushman retired from GE in 1948. His principal interests included quantum mechanics, electromotive force, atomic structure, electron emission, unimolecular force, and high vacuum.

Scope and Contents

The papers of Saul Dushman consist of six series. Series 1: Lectures, 1926-1952, undated, includes various high school, college, and GE related lectures given on scientific topics of interest to Dushman or his work at GE; many are authored by Dushman. Series 2: Research Notes and Technical Data, 1924-1952, includes research and technical information prepared or used by Dushman in his scientific work at GE and during his independent efforts during his retirement years. Series 3: Technical Reprints, 1930-1954, includes reprinted materials of magazine and journal articles, portions of books and technical manuals, and other reprint media relating to Dushman's GE duties and personal interests. Series 4: Books, Articles, and Reviews, 1939-1952, includes materials relating to books and articles authored by Dushman during part of his career and after his retirement. Series 5: Correspondence, 1936-1954, includes correspondences to and from Dushman from a variety of individuals, related to Dushman's professional obligation at GE, scholarly endeavors, his books and articles, and other miscellaneous letters. Series 6: Miscellaneous, includes a wide range of materials related to Dushman's professional activities and his personal interests.

Arrangement

the collection is arranged into six series.

Series 1: Lectures, 1926-1952, undated

Series 2: Correspondence, 1936-1954

Series 3: Books, articles, and reviews, 1939-1952

Series 4: Technical reprints, 1930-1954

Series 5: Research notes and technical data, 1924-1952

Series 6: Miscellaneous, undated

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

Atomic structure

Electrical engineering

Electrical engineers
Electromotive force
Electrons -- Emission
Electrostatics
Quantum theory
Unimolecular force

Types of Materials:

Books
Clippings
Correspondence -- 1930-1950
Lectures
Notes
Reprints

Names:

General Electric Company

Container Listing

Series 1: Lectures, 1927-1952

Box 1	Lectures, 1927-1932
Box 2	Lectures, 1933-1937
Box 3	Lectures, 1938-1941
Box 4	Lectures, 1942-1947
Box 5	Lectures, 1948-1952
Box 6	Lectures, undated

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Series 2: Research Notes and Technical Data, 1924 - 1952

Box 7-13 Research notes and technical data

Box 14-15 Book, negatives and photostats

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Series 3: Reprint File, 1930 - 1954

Box 16-17

Reprint files, 1930 - 1954

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Series 4: Reviews, 1939 - 1952

Box 18

Materials concerning Dushman's books and articles, 1939 - 1952

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Series 5: Correspondence, 1942-1956

Box 19 Correspondence

Box 20 Correspondence with Publishers, Journals, and Editors

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Series 6: Miscellaneous, undated

Box 21	Lectures (table of contents), undated
Box 22	Miscellaneous Papers, undated
Box 23	Book of photostats, undated

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