

Finding Aid for the Harold Rosenthal Papers

Descriptive Summary

Repository: University Archives, Department of Special Collections, Washington University Libraries, One Brookings Drive, Campus Box 1061, St. Louis, MO 63130, Telephone: (314) 935-5444 or (314) 935-9730, Fax (314) 935-8320, e-mail: spec@wumail.wustl.edu, website: <http://library.wustl.edu/units/spec/archives>

Creator: Harold Rosenthal.

Title: Harold Rosenthal Papers.

Dates: 1954 – 1977.

Quantity: 3.0 linear feet.

Language: English.

Biographical Note

Harold Rosenthal served as chair in the Physiological Chemistry Department of the Washington University School of Dentistry.

While his research and teaching interests were quite varied and expansive, his most memorable contribution was the development of a pivotal series of tests designed to determine the long-term health effects of nuclear fallout from world-wide atomic weapons testing. These tests were conducted under the auspices of the St. Louis Baby Tooth Survey that ran from 1959 to 1963.

Rosenthal was particularly interested in investigating the alarmingly high concentration of Strontium 90 (Sr90 [a calcium-imitating byproduct of nuclear fallout]) found in the deciduous teeth and developing bones of children.

His efforts -- like those of his colleagues performing similar work world-wide -- sparked great public interest and stimulated governmental debate regarding the effects of nuclear fallout, eventually bringing about the demise of wide-scale atomic weapons testing above ground.

Scope and Content Notes

This collection includes biographical information on Harold Rosenthal, correspondence, conference notes, publications, and research material related to the effects of nuclear fallout. The material is arranged alphabetically by subject.

Administrative Information

Source of Collection

This material was donated to the University Archives by Harold Rosenthal in 1999.

Accruals

There are no accruals.

Processing Information

Compiled by Jay Kempen in December 2002. Updated by Sarah Pabarcus in February 2006.

Restrictions**Access Restrictions**

There are no restrictions to access.

Use Restrictions

Users of the collection must read and abide by the Rules for the Use of University Archives Materials.

Users of the collection who wish to use items from this collection, in whole or in part, in any form of publication (as defined in the form) must sign and submit to the Washington University Archives a hard copy of the Notification of Intent to Quote from or Publish University Archives Materials form.

All publication not covered by fair use restricted to those who have permission of the copyright holder.

Collection Contents

Box No.	Folder
01	AEC Correspondence, 1954-1958
	AEC Grant 1712 30-1 (x3 folders)
	Conferences (San Diego, 1966)
	Dissertation, "Nitrogen Balance and Fat" (x4 folders)
	Personal Development, CV, Letters of Introduction, etc.
	Publications (x2 folders)
	Research (American Cancer Society)
	Research (Liquid Metal Fast Breed Reactors)
	Research (Malinow Grant)

Research (Metabolism of Sr90 and Ca45)
Research (Sr90 and Absorption)
Research (Sr90 and Aging)
Research (Sr90 and Animals)
Research (Sr90 in Aquatic Biota)
Research (Sr90 and Bone Composition)
Research (Sr90 in Deciduous Incisors)
Research (Sr90 in Development of Teeth)
Research (Sr90 in Diets and Excreta) (x4 folders)
02 Research (Sr90 in Fetal Bone)
Research (Sr90 in First Bicuspid)
Research (Sr90 in Fish)
Research (Sr90 and Incisors) (x2 folders)
Research (Sr90 in Mammals) (x2 folders)
Research (Sr90 in Monkeys)
Research (Sr90 in Rabbits)
Research (Sr90 Regional Variations)
Research (Sr90 in Tooth Fractures)
St. Louis Baby Tooth Survey (CEI)
St. Louis Baby Tooth Survey (CNI)
St. Louis Baby Tooth Survey (Correspondence)
St. Louis Baby Tooth Survey (Grant Applications)
St. Louis Baby Tooth Survey (Newsletters, etc)

Sr90 in Man, Vol. III, by Kulp and Schulert

Reel-to-Reel Magnetic Media Recordings (x2 folders)

Sr90 Assay Books (x3 folders)

03 Sr90 Assay Books (x16 folders)