Descriptive Summary

Languages: English

Contributing Institution: Special Collections & Archives, UC San Diego
9500 Gilman Drive
La Jolla 92093-0175

Title: Robert J. Gould Papers

Identifier/Call Number: MSS 0746

Physical Description: 2.8 Linear feet (7 archives boxes)

Date (inclusive): 1964-2005

Abstract: Papers of Robert J. Gould, physicist and research professor at the University of California, San Diego. Materials include notes, calculations, drafts and reprints of many of Gould's research papers.

Biography

Robert J. Gould, born May 31, 1935, began his studies at Providence College where he obtained his B.S. in Physics in 1957. In 1963, he graduated with his Ph.D. in Theoretical Physics from Cornell University. Shortly after graduation from Cornell, Gould began teaching physics at the University of California, San Diego, where he remained throughout his career. His research focused on atomic, nuclear, and particle processes; statistical mechanics; and applications of astrophysics. Gould passed away in June 2009.

Scope and Content of Collection

The Robert J. Gould Papers document Gould's research and writing from 1964 - ca. 2005. The collection mainly documents Gould's writing, as well as the scholarly publication process, and includes reprints, drafts, galleys, referee reports, notes, and calculations. Correspondence with editors, colleagues, and co-authors is also included. The collection only represents a portion of Gould's writing and does not contain a complete set of reprints.

The papers are arranged in three series: 1) CORRESPONDENCE & BIOGRAPHICAL MATERIAL, 2) WRITINGS, and 3) NOTES & RESEARCH.

SERIES 1: CORRESPONDENCE & BIOGRAPHICAL MATERIAL

The CORRESPONDENCE & BIOGRAPHICAL MATERIAL series contains a small number of letters from colleagues. Of interest are three letters from Stan Woosley debating a calculation method with Gould. Also included in this series are Gould's academic biography, curriculum vitae, and bibliography, current until 1992.

SERIES 2: WRITINGS

The WRITINGS series contains drafts, research notes and calculations, referee reports, and reprints, as well as correspondence with editors, colleagues, and co-authors. Also included is a typescript draft of Gould's book, Electromagnetic Processes (2005). Papers in the series are arranged by year of publication. Along with published papers, the series also contains drafts of papers not accepted for publication, as well as papers given as lectures at conferences. These are filed chronologically, along with the published papers.

SERIES 3: NOTES & RESEARCH

The NOTES & RESEARCH series contains a large amount of handwritten notes and calculations for an unidentified research or writing project. Two groups of numbered pages exist and have been kept in these groups, arranged by the page numbers assigned by Gould. The series also includes three subject files containing pages of notes and calculations. The folder titled "He Photoionization" contains several letters from Gould, ca. 1970s, written to an unidentified colleague. While these letters mainly describe his research, theories, and calculations, they also contain anecdotes and thoughts about sports, news, and UCSD campus events.

Preferred Citation

Robert J. Gould Papers, MSS 746. Special Collections & Archives, UC San Diego.

Publication Rights

Publication rights are held by the creator of the collection.

Acquisition Information

Acquired 2012.

OFF-SITE STORAGE

COLLECTION STORED OFF-SITE: ALLOW ONE WEEK FOR RETRIEVAL OF MATERIALS

Subjects and Indexing Terms
CORRESPONDENCE & BIOGRAPHICAL MATERIAL

Box 1, Folder 1  Letters 1990 - 1994 & undated
Box 1, Folder 2  Curriculum Vitae, academic biography, and bibliography 1993

WRITINGS

Box 1, Folder 3-21  1964 - 1969
Box 2, Folder 1-14  1970 - 1974
Box 3, Folder 1-14  1974 - 1982
Box 4, Folder 1-14  1983 - 1990
Box 5, Folder 1-9  1991 - ca. 2005
Box 6, Folder 1  Undated. Talk given at Lawrence Livermore National Laboratory, "Proton-Proton Fusion Reaction"

NOTES & RESEARCH

Box 6, Folder 2  He Photoionization - Includes correspondence
Box 6, Folder 3  Two-Electron Systems. Excited States
Box 6, Folder 4  Unidentified calculations
Box 6, Folder 5-7  Notes 1, pgs. 1-531
Box 7, Folder 1-2  Notes 1, pgs. 532-788
Box 7, Folder 3-6  Notes 2, pgs. 1-669