

# Guide to the Department of Physics, Yale University, Records

RU 417



compiled by Daniel Hartwig

March 2008

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## Collection Overview

**REPOSITORY:** Manuscripts and Archives  
Yale University Library  
P.O. Box 208240  
New Haven, CT 06520-8240  
(203) 432-1735  
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<http://www.library.yale.edu/mssa/>

**CALL NUMBER:** RU 417

**CREATOR:** Yale University. Physics Department

**TITLE:** Department of Physics, Yale University, records

**DATES:** circa 1910-2005

**PHYSICAL DESCRIPTION:** 44 linear feet (27 boxes)

**LANGUAGE:** English

**SUMMARY:** The records consist of reports and administrative files of the Yale Department of Physics documenting the Wright Nuclear Structure Laboratory and the construction of the Sloane Physics Laboratory. Also included is a library circulation book. Accession 2014-A-0074 contains the records of David Allan Bromley, who was Associate Director of the Heavy Ion Accelerator Lab from 1960 to 1963. He was the founder, and from 1963 to 1989, the Director, of Yale's A. W. Wright Nuclear Structure Lab. From 1970 to 1977, he was Chairman of the Physics Department. In 1972, he was appointed the Henry Ford II Professor of Physics and was in this position until 1993.

**ONLINE FINDING AID:** To cite or bookmark this finding aid, please use the following link: <https://hdl.handle.net/10079/fa/mssa.ru.0417>

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## Requesting Instructions

To request items from this collection for use in the Manuscripts and Archives reading room, please use the request links in the HTML version of this finding aid, available at <https://hdl.handle.net/10079/fa/mssa.ru.0417>.

To order reproductions from this collection, please go to [http://www.library.yale.edu/mssa/ifr\\_copy\\_order.html](http://www.library.yale.edu/mssa/ifr_copy_order.html). The information you will need to submit an order includes: the collection call number, collection title, series or accession number, box number, and folder number or name.

Key to the container abbreviations used in the PDF finding aid:

b.      box  
f.      folder

## **Administrative Information**

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### **Conditions Governing Access**

The materials are partially restricted. See Collection Contents for details.

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### **Preferred Citation**

Department of Physics, Yale University, Records (RU 417). Manuscripts and Archives, Yale University Library.

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## **Scope and Contents**

The records consist of reports and administrative files of the Yale Department of Physics documenting the Wright Nuclear Structure Laboratory and the construction of the Sloane Physics Laboratory. Also included is a library circulation book. Accession 2014-A-0074 contains the records of David Allan Bromley, who was Associate Director of the Heavy Ion Accelerator Lab from 1960 to 1963. He was the founder, and from 1963 to 1989, the Director, of Yale's A. W. Wright Nuclear Structure Lab. From 1970 to 1977, he was Chairman of the Physics Department. In 1972, he was appointed the Henry Ford II Professor of Physics and was in this position until 1993.

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## **General note**

Forms part of Yale Record Group 14-B (YRG 14-B), Records of departments and programs of the Yale Faculty of Arts and Sciences.

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## **Arrangement**

The records are arranged by accession.

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## Collection Contents

### Accession 1932-A-002: Library circulation book and records on the building of Sloane Physics Laboratory, 1910-1912

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b. 1, f. 1	Library circulation book	1927-1931
b. 1, f. 2	Papers pertaining to the building of the Sloane Physics Laboratory	1910 March 26 - 1912 September 21

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**Accession 1987-A-084: "A.W. Wright Nuclear Structure Laboratory: an Overview and  
Status Report", 1975**

b.1

"A.W. Wright Nuclear Structure Laboratory: an Overview and Status Report"

1975

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## **Accession 2001-A-145: Drawings for the nuclear accelerator, circa 1948-1969**

b. 4, 3, 6, 5, 14, 2, Drawings for the nuclear accelerator  
1, 12, 11, 13, 8, 7,  
10, 9

circa 1948-1969

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## Accession 2014-A-074: Records of D. Allan Bromley, 1953-2005

Restricted until January 1, 2041.

### Administrative files

b. 1, f. 1	Architectural committee meetings	1962
b. 1, f. 2	Equipment loan contract-Office of Naval Research	1966
b. 1, f. 3	Yale reports broadcast	1966-1967
b. 1, f. 4	Supplemental remarks to the President's science advisory committee	1968
b. 1, f. 5-9	Committee on Organization and Management of Administrative Services (COMAS) files	1974-1977
b. 1, f. 10	COMAS administrative data systems	1977
b. 1, f. 11	COMAS operating report	1977-1978
b. 1, f. 12	Feshback/Giamatti letters regarding the extended stretched transuranium accelerator (ESTU)	1980
b. 1, f. 12a	Senior accounting workshop <i>1 Audiocassette</i>	1981
b. 1, f. 13-16	General administrative files, Wright Nuclear Structure Laboratory	1981-1982
b. 1, f. 17	Presentation to the Nuclear Science Advisory Committee	1982
b. 1, f. 18	ESTU accelerator publicity	1983
b. 1, f. 19	Integrated management plan	1983
b. 1, f. 20	Physics 320b course files	2002-2003
b. 1, f. 21	Physics 110a course files	2004
b. 1, f. 22-23	Physics 320b course files	2004-2005
b. 1, f. 24-25	Science, Technology, and Public Policy course materials	Undated
b. 1, f. 26-27	Science, Technology, and Public Policy course overview	Undated

### Research files

b. 2, f. 1	Yale University	1958-1962
b. 2, f. 2-3	Emperor tandem accelerator research at Yale University	1961
b. 2, f. 4	Research at Yale	1961 March 23
b. 2, f. 5	Sillman lecture	1966
b. 2, f. 6	Symposium	1967
b. 2, f. 7	Research reports	1968-1974
b. 2, f. 8	Online data acquisition systems in nuclear physics	1969

Research files (continued)

b. 2, f. 9-10	Physics survey records	1969-1971
b. 2, f. 11	Yale University's research activities under United States Atomic Energy Commission contracts	1973
b. 2, f. 12	Symposium in honor of D. Allan Bromley	1987
b. 2, f. 13	Symposium of northeastern accelerator personnel at Yale University	1988
b. 2, f. 14	A.W. Wright research	Undated
b. 2, f. 15	ESTU research	Undated
b. 2, f. 16	Educational impact at Yale-ESTU	Undated
b. 2, f. 17-18	Proposal research for the Yale 20 mev tandem electrostatic accelerator	Undated
Wright Laboratory records		
b. 2, f. 19	Heavy ion accelerator research and operations proposals	1953-1961
b. 2, f. 20	Accelerator operation during the contract year	1959-1960
b. 2, f. 21	Proposal for a 20 mev Van de Graff research facility at Yale	1961
b. 2, f. 22	Nuclear researchers progress report	1961-1962
b. 2, f. 23	Nuclear researchers under contract progress report	1961-1962
b. 2, f. 24	Heavy ion accelerator research and operations proposals	1962-1963
b. 2, f. 25	Nuclear researchers under contract research and budget proposal	1962-1963
b. 2, f. 26	Final report to the National Science Foundation-facilities grant	1963
b. 3, f. 1	Nuclear researchers under contract research and budget proposal	1963-1964
b. 3, f. 2	Proposed operating budget for the nuclear structure laboratory	1963-1964
b. 3, f. 3	United States Atomic Energy Commission contract	1963-1964
b. 3, f. 4-5	Final report on the design of a very high intensity proton linear accelerator	1964
b. 3, f. 6	Heavy ion accelerator reports to the Atomic Energy Commission	1964
b. 3, f. 7	Nuclear researchers under contract research and budget proposal	1964
b. 3, f. 8	Final report to the National Science Foundation-facilities grant	1964
b. 3, f. 9	Proposal for a digital computer system with the MP tandem accelerator installation	1966
b. 3, f. 10	Proposal for upgrading of the Yale emperor accelerator-Wright Nuclear Structure Laboratory	1968
b. 3, f. 11	Wright Nuclear Structure Laboratory research and budget proposal	1969
b. 3, f. 12	Planning projections for the fiscal years 1969-1975-Wright Nuclear Structure Laboratory	1969

Wright Laboratory records (continued)

b. 3, f. 13	Wright Nuclear Structure Laboratory overview and status report	1975
b. 3, f. 14	Mid year reviews, Wright Nuclear Structure Laboratory	1968-1976
b. 3, f. 15	Final proposal to the United States Department of Energy by the Wright Laboratory	1978
b. 3, f. 16	Proposal for conversion of the Yale MP tandem accelerator to STU status	1978
b. 3, f. 17	STU Proposal	1978
b. 3, f. 18	Vugraphs-ESTU	1978
b. 3, f. 19	Addendum to proposal for conversion MP to ESTU	1980-1981
b. 3, f. 20	Final proposal to the United States Department of Energy by the AW Wright Nuclear Structure Laboratory	1982
b. 3, f. 21	Proposal for conversion of the Yale MP tandem accelerator to ESTU status	1982
b. 4, f. 1	Conceptual design report	1983
b. 4, f. 2	Response to Nuclear Safety Analysis Center (NUSAC) questions re ESTU	1983
b. 4, f. 3	Responses to questions posed by the House Subcommittee on Science and Technology	1984
b. 4, f. 4-9	Research and budget proposals of the Wright Nuclear Structure Laboratory	1970-1985
b. 4, f. 10	Field report-Wright Nuclear Structure Laboratory	1986
b. 4, f. 11-13	ESTU files-general	1985-1987
b. 4, f. 14	Dedication of the ESTU accelerator	1987
b. 4, f. 15-16	Photograph album-laboratory press clippings	Undated
b. 4, f. 17	Photographs	Undated
b. 4, f. 18	The Yale University ESTU accelerator project	Undated
b. 5, f. 1	Research and budget proposals of the Wright Nuclear Structure Laboratory	1967-1968
b. 6	Architectural drawings	Undated

## **Selected Search Terms**

The following terms have been used to index the description of this collection in the Library's online catalog. They are grouped by name of person or organization, by subject or location, and by occupation and listed alphabetically therein.

### **Subjects**

College buildings  
Laboratories  
Particle accelerators  
Universities and colleges -- Administration  
Universities and colleges -- Departments

### **Corporate Bodies**

Arthur W. Wright Nuclear Structure  
Laboratory  
Yale University. Physics Department  
Yale University -- Administration --  
Administration  
Yale University -- Buildings

### **Names**

Bromley, David Allan (D. Allan)