



Smithsonian

*National Museum of American History Kenneth E. Behring Center*

## Roland C. Hawes Papers

NMAH.AC.0617

Jennifer Ulrich

1997

Archives Center, National Museum of American History

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# Table of Contents

Collection Overview .....	1
Administrative Information .....	1
Arrangement.....	2
Scope and Contents note.....	2
Scope and Contents note.....	2
Biographical/Historical note.....	1
Names and Subjects .....	2
Container Listing .....	

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## Collection Overview

<b>Repository:</b>	Archives Center, National Museum of American History
<b>Title:</b>	Roland C. Hawes Papers
<b>Identifier:</b>	NMAH.AC.0617
<b>Date:</b>	1908-1997
<b>Creator:</b>	Cary Instruments. Hawes, Roland C., 1908-1999 Applied Physics Corporation.
<b>Extent:</b>	14.5 Cubic feet
<b>Language:</b>	English .

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## Administrative Information

### Acquisition Information

Collection donated by Roland C. Hawes, 1997, September 8.

### Ownership and Custodial History

The collection was donated to the National Museum of American History by Roland C. Hawes, September 9, 1997.

### Related Archival Materials

Arnold and Mabel Beckman Center for the History of Chemistry, Chemical Heritage Foundation, Philadelphia, Pennsylvania. Beckman Arnold Orville: oral history, 1978 and papers 1954-1989, California Institute of Technology Archives.

### Processing Information

Collection processed by Jennifer Ulrich, 1997.

### Preferred Citation

Roland C. Hawes Papers, 1908-1997, Archives Center, National Museum of American History.

### Restrictions

Collection is open for research.

### Terms Governing Use and Reproduction

All rights transferred to Museum in Deed of Gift.

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## Biographical Note

The career of Roland C. Hawes, born Oct. 4, 1908, Riverside, California, began in chemical analysis and led him into the scientific apparatus and instruments industry, where he worked in the field of spectrophotometry. B.S., chemistry, California Institute of Technology, 1930. He died in 1999.

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## Scope and Contents

Correspondence, handwritten notes and sketches, memorandum reports, catalogs, printed material, patent documents, drawings, blueprints (original and diazo copies), and photographs document Hawes's work in the field of immunnassay, spectrophotometry, scientific apparatus and instruments industry, and administrative duties at Applied Physics Corporation/Cary Instruments.

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## Scope and Contents

The bulk of the papers consist of materials found in Series 2: Research files A-Z, 1913 (1927-1990) (4.5 cubic feet). Series 5: Cary Instruments 1937-1992 (4 cubic feet) and Series 6: Consulting, 1908-(1939-1992) (3.5 cubic feet).

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## Arrangement

Divided into 7 series: 1) Personal files, 1938-1997; 2) Research files, A-Z, 1913 (1927-1990); 3) Piness Laboratories, 1920-1979; 4) Beckman Instruments, Inc., 1939-1974; 5) Cary Instruments, 1937-1992; 6) Consulting work, 1908-(1939-1992); 7) Professional activities, 1949-1996. By series topical, chronological and alphabetical.

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## Names and Subject Terms

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

Subjects:

- Engineers -- 20th century
- Inventions -- 20th century
- Inventors -- 20th century
- Scientific apparatus and instruments industry
- Scientific apparatus and instruments industry -- California
- Spectrophotometry
- Spectrum analysis

Types of Materials:

- Blueprints
- Correspondence -- 1930-1950
- Diazo prints
- Drawings -- 20th century
- Pencil works
- Photographic prints
- Photographs -- Black-and-white negatives -- Glass -- 1890-1920

Names:

- Applied Physics Corporation.
- Aviv & Associates, Inc.
- Beckman Instruments, Inc.
- Beckman, Arnold O.
- Cary Instruments.

Cary, Howard  
Duffield, Jack J.  
George, Kenyon  
National Technical Laboratories.  
Varian Associates.