



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

Guide to George Carruthers  
Innovative Lives Presentation

NMAH.AC.0597

Alison L. Oswald

7/14/97

Archives Center, National Museum of American History  
P.O. Box 37012  
Suite 1100, MRC 601  
Washington, D.C. 20013-7012  
archivescenter@si.edu  
<http://americanhistory.si.edu/archives>

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## Collection Overview

<b>Repository:</b>	Archives Center, National Museum of American History
<b>Title:</b>	George Carruthers Innovative Lives Presentation
<b>Identifier:</b>	NMAH.AC.0597
<b>Date:</b>	1996-02-22
<b>Extent:</b>	0.25 Cubic feet
<b>Creator:</b>	Jerome and Dorothy Lemelson Center for the Study of Invention and Innovation. Carruthers, George R.
<b>Language:</b>	English
<b>Summary:</b>	This video history consists of original, master and reference videos documenting a children's lecture program by George R. Carruthers, a physicist and inventor. Carruthers invented the Far Ultra-Violet Camera (FUVCAM).

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## Administrative Information

### Acquisition Information

This videohistory was created by the Innovative Lives Program of The Jerome and Dorothy Lemelson Center for the Study of Invention and Innovation on February 22, 1996. The Innovative Lives series brings young people and American inventors together to discuss inventions and the creative process and to experiment and play with hands-on activities related to each inventor's product.

### Ownership and Custodial History

Created by the Innovative Lives Program of the Jerome and Dorothy Lemelson Center for the Study of Invention and Innovation on February 22, 1996. Transferred to the Archives Center July 8, 1997.

### Provenance

The collection was transferred to the Archives Center on July 8, 1997.

### Processing Information

Collection processed by Alison Oswald, July 14, 1997.

### Preferred Citation

George Carruthers Innovative Lives Presentation, February 22, 1996, Archives Center, National Museum of American History.

## Restrictions

Collection is open for research.

## Terms Governing Use and Reproduction

Collection items available for reproduction, but the Archives Center makes no guarantees concerning copyright restrictions. Other intellectual property rights may apply. Archives Center cost-recovery and use fees may apply when requesting reproductions.

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## Biographical / Historical

Dr. George Carruthers was born in 1939 and grew up in Milford, Ohio and Chicago's South Side. Carruthers received his B.S. in Physics from the University of Illinois in 1961, M.S. Physics in 1962, and his Ph.D in aeronautical and astronomical engineering in 1964. After receiving his Ph.D in 1964, Carruthers joined the Naval Research Laboratory (NRL), Space Science Division where he is now Senior Astrophysicist. Along with William Conway, another scientist, Carruthers developed the lunar surface ultraviolet camera and spectrograph used on the moon by Apollo 16 in 1972. The camera was used to take ultraviolet pictures of the Earth during the Apollo 16 space mission. It was the first camera to take pictures of the upper levels of the earth's atmosphere and to show that hydrogen exists in outer space.

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## Scope and Contents

This collection contains original, master, and reference videos documenting Dr. George Carruthers. Dr. Carruthers discusses his invention, the Far Ultra-Violet Camera (FUVCAM), as well his background, and experience working with the space program.

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## Arrangement

Divided into 3 series: 1) Original Videos; 2) Master Videos; 3) Reference Videos.

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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:

- Aeronautics -- 20th century
- Astronautical instruments -- 20th century
- Astronautics in astronomy -- 20th century
- Astronomical photography -- 20th century
- Astronomy -- 20th century
- Astrophysics -- 20th century
- Cameras -- 20th century
- Engineering -- 20th century
- Inventions -- 20th century

Inventors -- 20th century  
Photographs  
Physics -- 20th century  
Space photography  
Spectrography -- 20th century  
Ultraviolet spectrometry

Types of Materials:

Lectures -- 1990-2000  
Slides  
Videotapes -- 1990-2000

Names:

Naval Research Laboratory (U.S.)

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## Container Listing

Series 1: Original Videos (OV 597.1-4), 1996-02-22

*Box 1*

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## Series 2: Master Videos (MV 597.1-4), 1996-02-22

*Box 2*

*[Return to Table of Contents](#)*

## Series 3: Reference Videos (RV 597.1-4), 1996-02-22

*Box 3*

*[Return to Table of Contents](#)*



## Series 4: Photographs and Slides, 1996-02-22

*Box 3, Folder 1*

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