



Smithsonian

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

## Guide to the Moore-Stein Protein Sequencer Video Documentation

NMAH.AC.0607

Alison Oswald

1997

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

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## Collection Overview

<b>Repository:</b>	Archives Center, National Museum of American History
<b>Title:</b>	Moore-Stein Protein Sequencer Video Documentation
<b>Date:</b>	June 1996.
<b>Identifier:</b>	NMAH.AC.0607
<b>Creator:</b>	Jerome and Dorothy Lemelson Center for the Study of Invention and Innovation. (Creator)
<b>Extent:</b>	0.5 Cubic feet (2 boxes)
<b>Language:</b>	English .

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## Administrative Information

### Immediate Source of Acquisition

Created by the Jerome and Dorothy Lemelson Center for the Study of Invention and Innovation, National Museum of American History, 1996.

### Ownership and Custodial History

Video documentation created by the Lemelson Center and NMAH staff Jon Eklund (Division of History of Technology) and Pat Gossel (Division of Science, Medicine and Society). Transferred to Archives Center July 8, 1997.

### Related Archival Materials

The protein sequencer apparatus is located in the Division of Science Medicine, and Society (now Division of Medicine and Science).

### Processing Information

Collection processed by Alison Oswald, 1997.

### Preferred Citation

Moore-Stein Protein Sequencer Video Documentation, June 1996, Archives Center, National Museum of American History.

### Restrictions

Collection is open for research but the original videos are stored off-site and special arrangements must be made to work with it. Contact the Archives Center for information at [archivescenter@si.edu](mailto:archivescenter@si.edu) or 202-633-3270.

### Terms Governing Use and Reproduction

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## Biographical / Historical

The first complete chemical analysis of a protein's primary structure was done on a small protein, insulin, by Frederic Sanger at Cambridge University for which he received the first of his two Nobel Prizes in 1958. The second protein structure to be completely analyzed was ribonuclease, done in the U.S. by Stanford Moore and William Stein at Rockefeller University, 1960.

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## Scope and Contents

This videohistory documents the Moore-Stein Protein Sequencer. The sequencer enabled automatic analysis of protein structure and was the forerunner of the automated instruments essential to modern biotechnology.

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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:

- Biochemistry
- Nobel Prizes
- Proteins -- Research

Types of Materials:

- Videotapes -- 1990-2000

Names:

- Beckman Instruments, Inc.
- Jones, Wanda
- Manning, James
- Moore, Stanford
- Sanger, Frederick
- Stein, William

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## Container Listing

### Series 1: Original Videos

*Box 1 (Originals)*

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

## Series 2: Master Videos

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

## Series 3: Reference Videos

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