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# Why the History of Physics Matters: Physical Exhibit & Videos

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# Creation of the Physical Exhibit

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How it all started

# Purpose

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“Highlight the human story behind scientific discoveries with archival documents and images”

## Physical exhibit

- Approach on multiple mediums to reach a greater audience
- Increase the visibility of the Niels Bohr Library and Archives

# Research

- Online research
- Niels Bohr Library and Archives

programs/niels-bohr-library

AIP Publishing AIP China

**AIP | American Institute of Physics**

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Home > History Programs > Niels Bohr Library & Archives

**Niels Bohr Library & Archives**

The Niels Bohr Library & Archives is a repository and clearinghouse for information in the history of physics, astronomy, geophysics and allied fields.

In-house holdings include an outstanding collection of textbooks, monographs and related publications; over 30,000 photographs and other images; over 1,500 oral histories with many of the outstanding figures in the fields that we cover; and archival records of AIP and its Member Societies along with other archival records and personal papers of a select number of scientists.

In our International Catalog of Sources (ICOS) we have over 10,000 collections from over 900 repositories worldwide.

Visiting the Library | [Access application](#)

**Address**  
One Physics Ellipse  
College Park, MD 20740 [Get directions](#)

**Hours**  
8:30 AM to 5:00 PM  
Monday through Friday  
Except for federal holidays

**Contact**  
Phone [\(301\) 209-3177](tel:301-209-3177)  
Fax (301) 209-0882  
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- Emilio Segrè Visual Archives
- Digital Collections
- Oral Histories
- Archival finding aids
- Physics History Network

**Preservation & Support**

- Donating Materials
- Saving archival collections
- Grants to archives
- Documentation Projects
- History Newsletter

**Center for History of Physics**

- Scholarship & Outreach

**CONTACT THE NIELS BOHR LIBRARY & ARCHIVES**

One Physics Ellipse  
College Park, MD 20740  
[\(301\)-209-3177](tel:301-209-3177)  
[nbl@aip.org](mailto:nbl@aip.org)

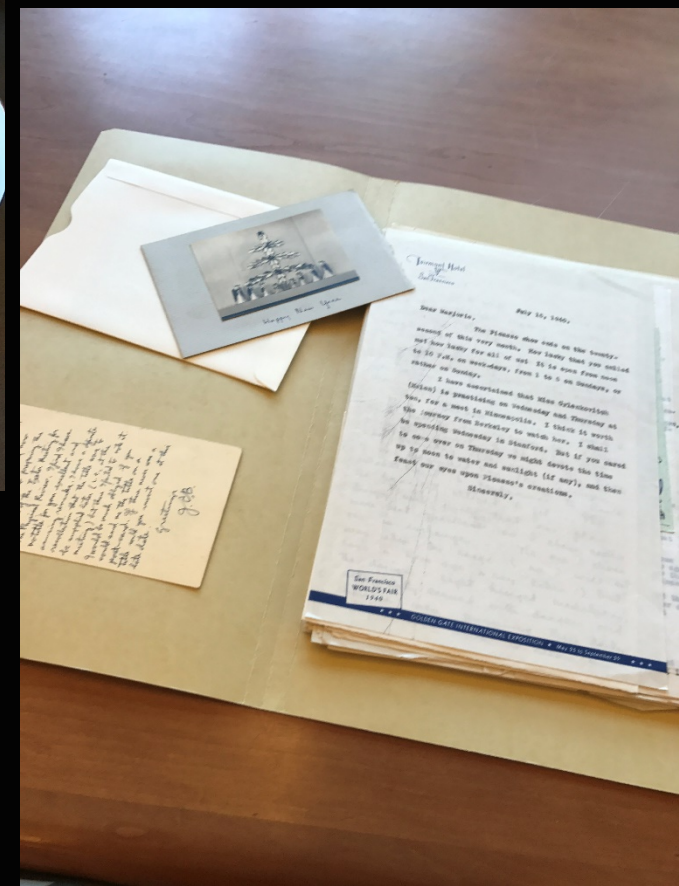
**In the Spotlight**

- [View more into the Niels Bohr Library & Archives with SPS interns](#) **Into the Stacks - SPS Interns' Month in Review**
- [View more into the Niels Bohr Library & Archives with SPS interns](#) **Physics History Network now available!**
- [View more into the Niels Bohr Library & Archives with SPS interns](#) **Into the Stacks - SPS interns**
- [View more into the Niels Bohr Library & Archives with Audrey](#) **Into the Stacks - Audrey's Month in Review**

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# Looking at Archival Materials



# Categories: Reasons Why

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History.....

1. illuminates the Scientific Method
  2. shows the humanistic side of physics in a historical & cultural context
  3. chronicles the significant collaborations amongst physicists
  4. details how physicists think
  5. inspires people to pursue physics & make new scientific discoveries
  6. documents how ideas develop & change over time
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# Design

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**HISTORY  
DETAILS HOW  
PHYSICISTS  
THINK**

- Picking a theme
- Presentation of words
- Creation of images such as below
- Narrowing the design scheme

**HISTORY  
DETAILS HOW  
PHYSICISTS  
THINK**

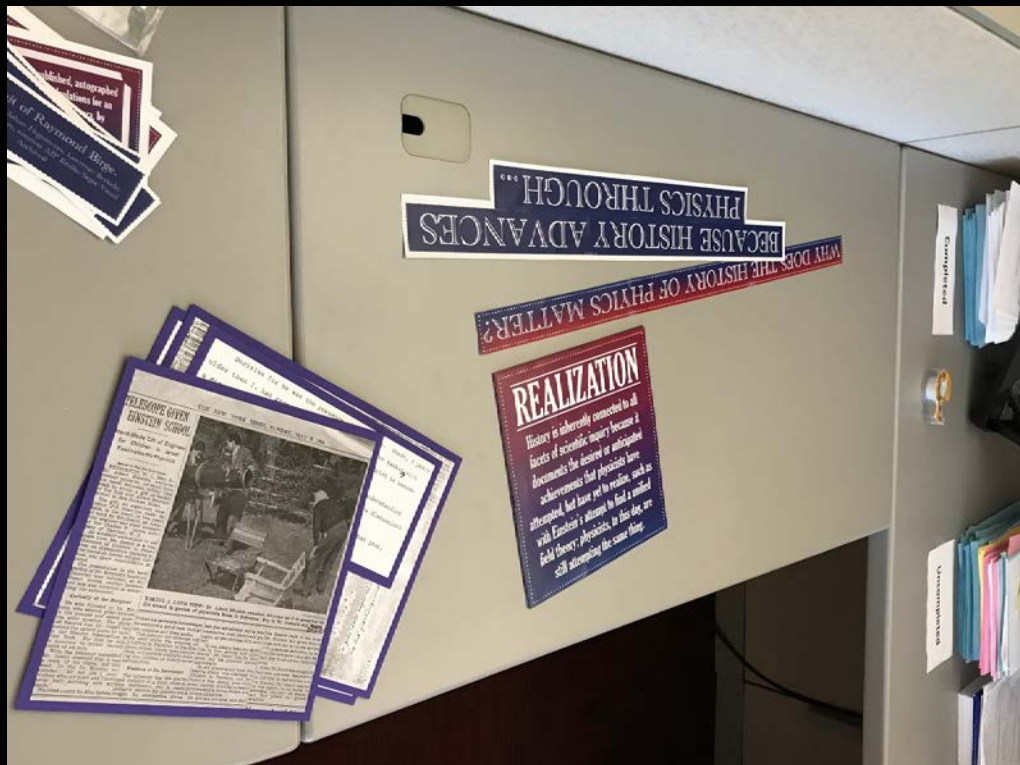
HISTORY DETAILS  
HOW PHYSICISTS  
THINK



# Design

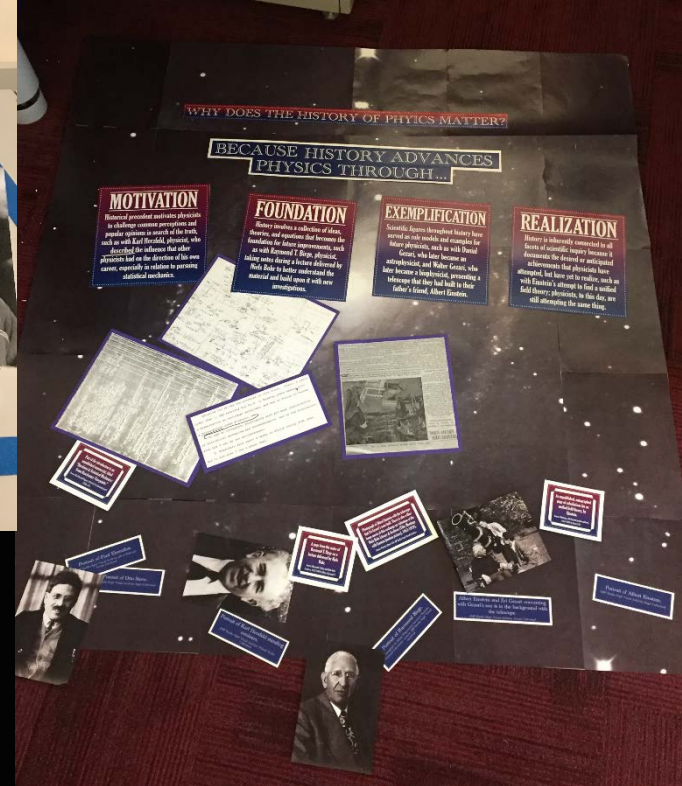
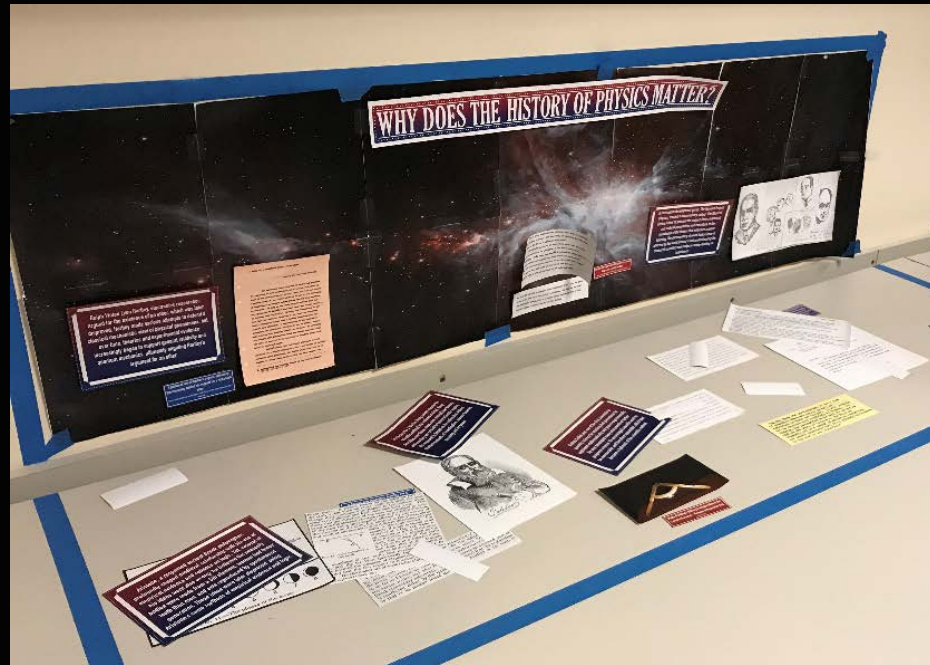
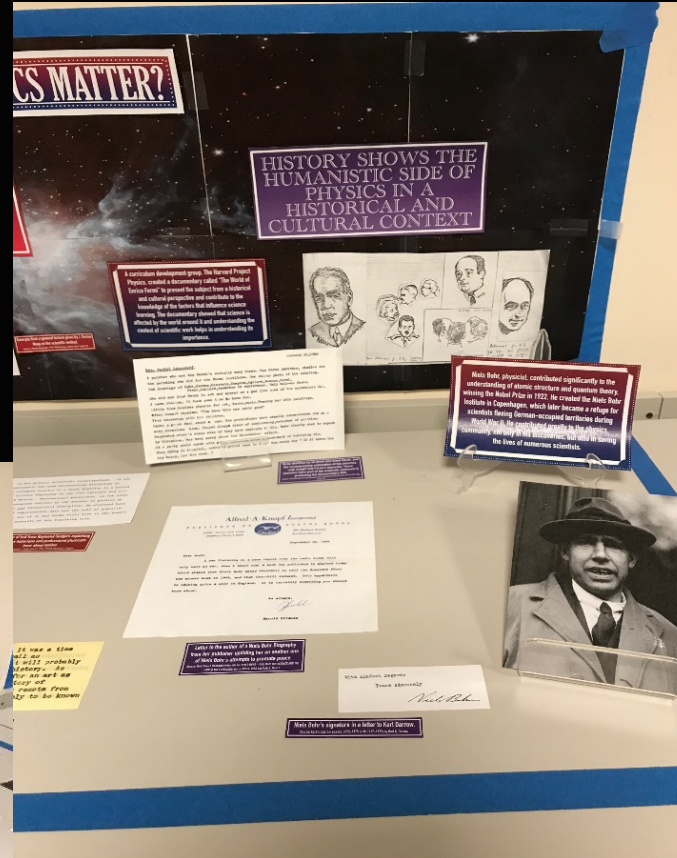
Hands on

- Bringing to life the online designs
- Putting together the materials in a pleasing manner





# Set up



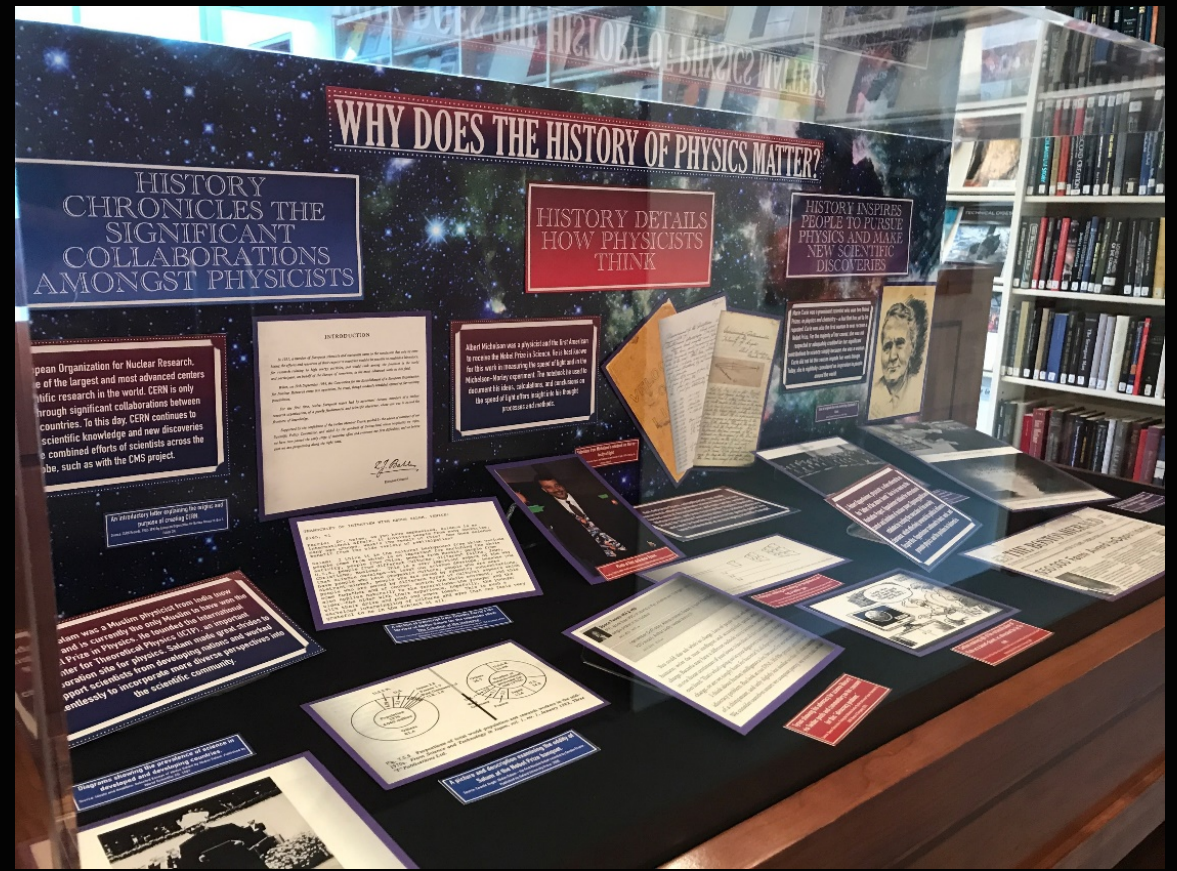
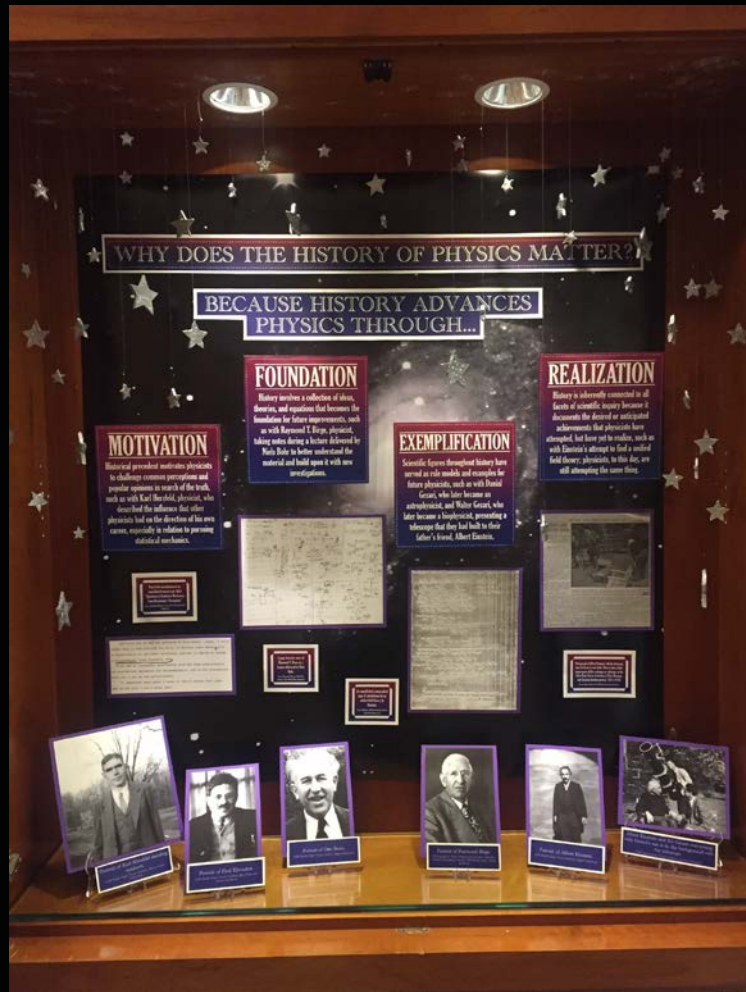


# Installation





# Installation



# Creation of the Videos

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A visual culmination



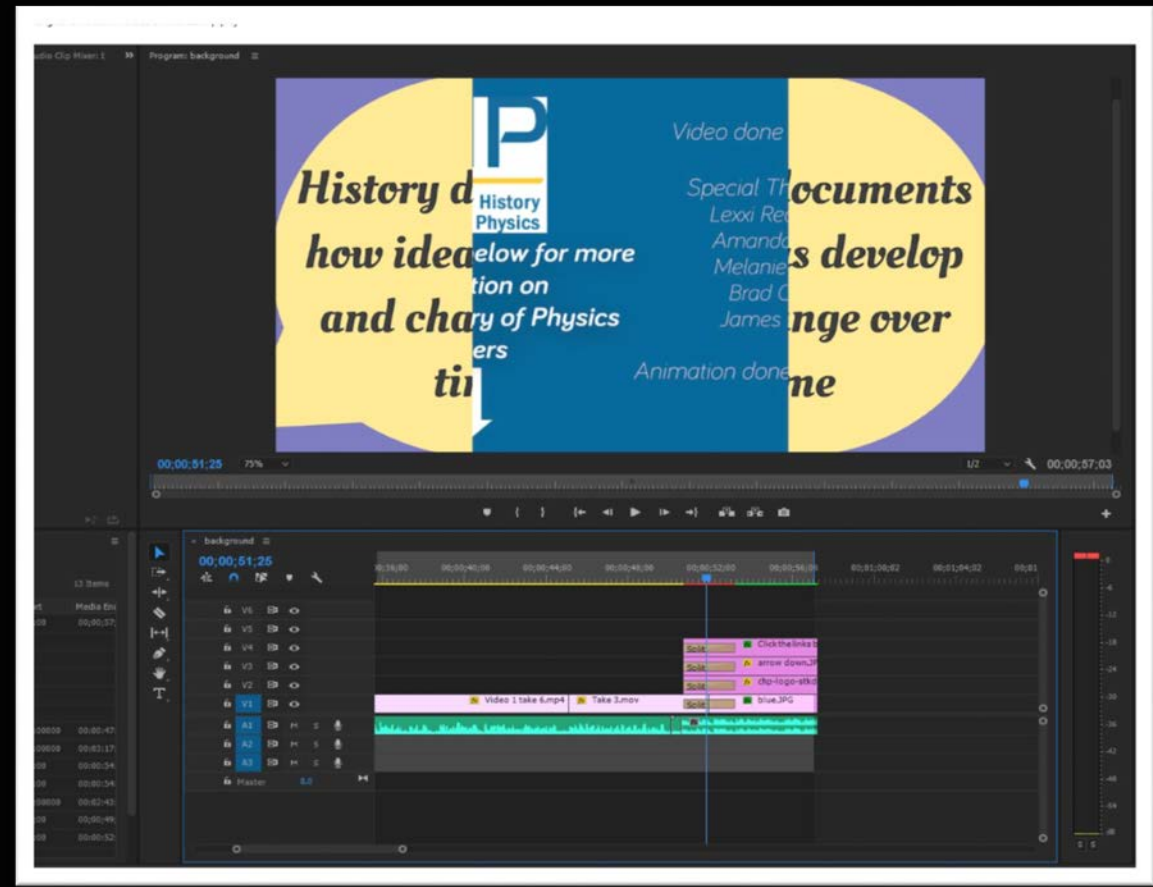
# Aims and Script Creation

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- Target Audience: SPS students
- Video aims:
  - Interesting video with novel information
  - 2 minute max, preferably 1 minute
- Script
  - Find new information
  - Word count: 180 - 220
  - Reviewed by my mentors and a history of physics professional

# Video Creation

- Adobe Publisher
- Animaker



# Example Video

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# Thank you for your attention!

## Acknowledgments

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