



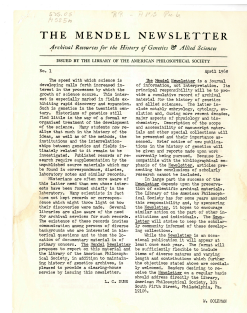
Newsletter of the Center for the History of Science

It's been a busy summer for the [Center for the History of Science \(CHS\)](#)! Read on to learn about some of our new collections, upcoming programs, and current initiatives.

Missed our first issue? [Find it here.](#)

What's in this Newsletter:

- Announcing the APS/CSHL Summer Undergraduate Internship Program in the History Biology
- Collection Updates
- Special Projects
- Programs & Events
- CHS Blog Highlights



Announcing the APS/CSHL Undergraduate Summer Internship in the History of Biology

The Center for the History of Science is pleased to announce the launch of a new summer undergraduate internship program in partnership with the [Center for Humanities and History of Modern Biology at Cold Spring Harbor Laboratory.](#)

This eight-week hybrid internship offers funding for one undergraduate working on a junior or senior research project related to the history of the life sciences to conduct research using the rich archival collections at both the American Philosophical Society in Philadelphia, Pennsylvania and Cold Spring Harbor Laboratory in Cold Spring Harbor, New York. The intern will divide their time between both institutions and will benefit from hands-on research guidance, mentorship, and networking opportunities.

The internship will take place from May 18 through July 10, 2026. **The intern will be expected to be in-residence at Cold Spring Harbor between June 1-June 12 and at the American Philosophical Society between June 15-June 26.** The first and last two weeks of the internship will be completed remotely.

The intern will receive a stipend of \$2,000, as well as funding to support travel. CSHL and APS will also secure and cover the costs of housing in Cold Spring Harbor and Philadelphia. **The deadline to apply is February 2, 2026.**

More details and instructions on how to apply are available via Interfolio:

<https://apply.interfolio.com/174285>

Collection Updates

Recently-Processed and In-Progress Materials

National Center for Science Education (NCSE) Collection (Gina Pungello, History of Science Project Specialist)

Archival materials from the National Center for Science Education (NCSE), originally accessioned as over 100 individual collections, are currently being integrated into a single collection and finding aid listing correspondence, subject files, administrative documents, and published material.

The resulting comprehensive guide to the NCSE collection will be a significant resource for researchers seeking to understand NCSE's operations from the 1980s onward as well as historic conflicts around creationism, intelligent design, evolution, and education in these areas.



(Left) Gina Pungello hard at work reboxing the recently-acquired papers of historian of science John L. Heilbron (APS 1990) in September 2025. (Right) Integrated NCSE collections on shelf

Beatrice Mintz Papers (Tracey DeJong, Archivist)

Progress is underway on processing the papers of embryologist and cancer researcher Beatrice Mintz (1921-2022, APS 1982). The papers consist of approximately 80 linear feet of materials including correspondence, photographs, publications, research, and figures, much related to her work at Fox Chase Cancer Center in developmental genetics. At the beginning of her career, Mintz demonstrated that reproductive cells arise from a small

number of primordial germ cells, rather than from a layer of cells responsible for sperm or egg production in the gonads, as long believed. Her papers reveal over and over again her ability to ask basic questions that others hadn't thought of, and to devise experiments without preconceived expectations. The materials will be made available for use by researchers in the coming months.

New Acquisitions (Adrianna Link, Curator of History of Science)

Scott Brande Papers

In June 2025, the APS received a small batch of papers from Scott Brande, geologist and Associate Professor of Chemistry at the University of Alabama. The papers document Brande's involvement with creation-evolution debates in Alabama science curricula during the 1980s, particularly around the state's adoption of the textbook "Of Pandas and People." The papers include reports, correspondence, clippings, legislative materials, and memoranda, mostly from the mid-1980s, with some material from the early 1990s and 2000s.

(Right) In June 2025, Adrianna Link accompanied Associate Director of Collections David Gary to NASA's Goddard Space Flight Center to pick up materials from climatologist and Earth scientist Claire Parkinson (APS 2010).



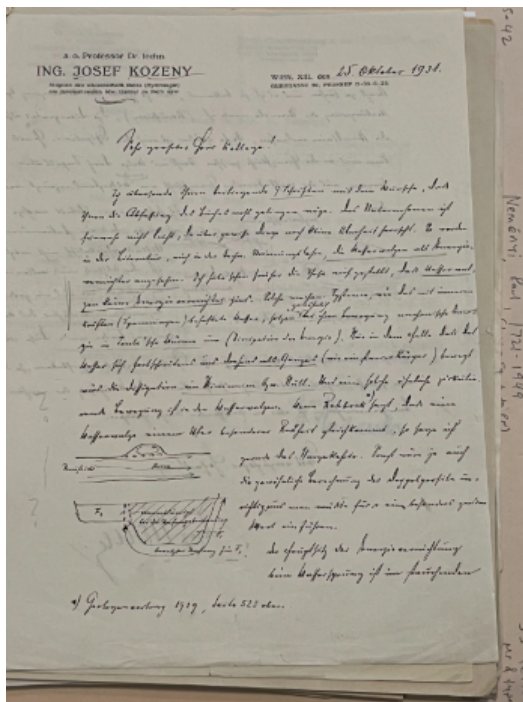
Charles P. Winsor Collection

In July, the APS received a small batch of materials from the family of early-20th century biostatistician Charles P. Winsor (1895-1951). Winsor is perhaps best known for developing the method of "winsorization" in statistics, which limits the presence of extreme values in statistical data in order to reduce the impact of possible outliers. The collection contains notebooks, offprints, and other documents from throughout Winsor's life and career, including from his time as Assistant Professor of Biostatistics in the School of Hygiene and Public Health at Johns Hopkins University and as the editor of *Human Biology*.

Letters to Paul Neményi, 1921-1949

This collection consists of approximately 53 pieces of incoming scientific correspondence sent to Paul Neményi (1895-1952), the Hungarian-American émigré physicist and mathematician who specialized in continuum mechanics. Nearly all of the materials are in German and the letters were received while he was still living in Europe.

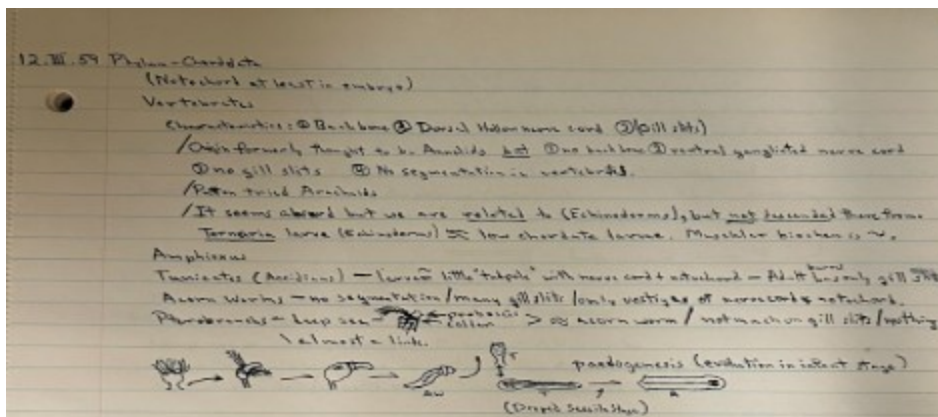
Notable correspondents include Austrian scientist and mathematician Richard von Mises, a German-American seismologist Beno Gutenberg, and Austrian physicist and hydraulic engineer Josef Kozeny, and Swedish neurologist Henri Marcus.



(Above) Letter from Josef Kozeny to Paul Neményi, October 25, 1931

Other recent acquisitions include:

- Addition to the [Richard Garwin Papers](#) (APS 1979)
- Addition to the papers of evolutionary biologists and Darwin's finches enthusiasts Rosemary (APS 2010) and Peter Grant (APS 1991)
- Addition to the papers of Princeton ecologist and natural historian Henry S. Horn



(Above) Detail from Henry Horn's Freshman Biology Course Notebook, circa 1959

Project Highlights

“America’s Scientific Revolutionaries” (Jeffery Appelhans, Lounsbury Postdoctoral Fellow)

In July, CHS completed phase one of “America’s Scientific Revolutionaries,” a two-year project funded by the Richard Lounsbury Foundation highlighting the stories and

contributions of lesser-known scientists and physicians active during the Revolutionary Era. Using a series of large language models and machine learning tools, the project team whittled down an initial list of 804 APS Members elected between 1763 and 1804 to six individuals representing a range of topics to profile. These are: David Rittenhouse (astronomy), Joseph Priestley (pneumatic chemistry), the Bartrams (botany), Catharine Haines (domestic science/healers), Benjamin Rush (public health), and James Madison (meteorology/climate science).

The remainder of phase one of the project consisted of script drafting, image research, and the final production of short-form education videos through Makematic. These videos will appear on multiple platforms teachers already use with millions of students. And while our revolutionaries may, perhaps, not be unknown to readers of this newsletter, we expect students aged 10 to 14 to meet them as exciting unknowns. We look forward to sharing the results in the next newsletter!

Phase two is well underway: we've been developing a series of public programs hosted across the nation pairing our revolutionaries with present-day scientists to spark fresh, cross-century conversations. In reflecting on the parallels of craft, discovery, public service, and collaboration, these conversations will illuminate the historical roots of contemporary science as well as many of the challenges they still share. If you can't join us at the events, rest assured the interviews will appear as podcasts and on our other social media channels!

New Blog Series: “Science at the Roots” (Vince Femia, Lounsbury Research Assistant)

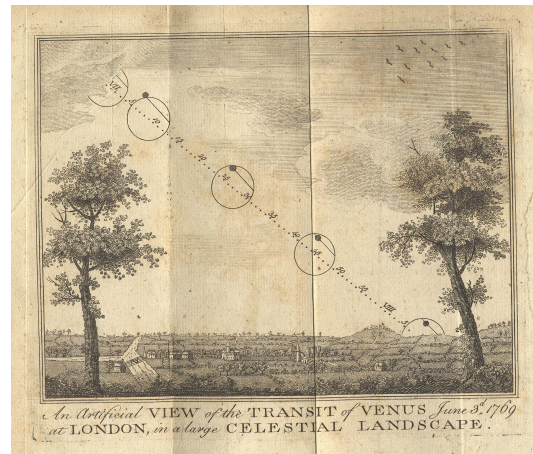
As part of the Lounsbury initiative, CHS has also launched a blog series, “Science at the Roots,” to explore additional scientists, physicians, and healers who were not included in the Makematic videos or podcasts. It highlights the lives and work of lesser-known APS Members, but also uses their surrounding networks to examine those who were forced to work at the margins—from botanist Jane Colden to astronomer and surveyor Benjamin Banneker. Revealing the diversity of all those who practiced, read, and witnessed science demonstrates that science in American life existed beyond the work of Benjamin Franklin, Thomas Jefferson, and other familiar names.

Through these short biographies, the blog series explores an essential correlation: how the United States came into being in a supposed Age of Enlightenment. How did science give shape to a fledgling nation? How did it provide hope and opportunities for both the powerful and the weak? How did it participate in and perpetuate the violence and exclusion embedded in American society? Was any part of it particularly and peculiarly American? And, in the end, what can we learn from all of this? [Learn more about the series here.](#)

Upcoming Programs

This week: Science and Society in the Age of Revolutions

Inspired by work on “America’s Scientific Revolutionaries” and by the APS’s 2025 exhibition, [Philadelphia: The Revolutionary City](#), the APS will also be hosting a two-day conference on “Science and Society in the Age of Revolutions.”



The conference is co-sponsored by the Science History Institute and the College of Physicians, and will be held on September 25-26, 2025.

More details about the event, including a full program and registration, is [available on the conference website](#).



Aliens in the Archives: A Conversation about the History of the UFO Phenomenon

Benjamin Franklin Hall and Livestream
Thursday, October 30, 2025, 12:00PM ET

In 2019, the American Philosophical Society’s Library & Museum received the papers of two notable ufologists: Budd Hopkins and David Jacobs. Together, these still unprocessed collections document and reflect a broad network of individuals interested in exploring encounters with extraterrestrial life. They also provide an important glimpse into the history and intricacies behind the rise of the UFO phenomenon during the late-20th and early 21st centuries.

Join us for a [Lunch at the Library conversation with historians of science Greg Eghigian and Lois Rosson](#), as we explore some of the opportunities and challenges of engaging with these unique sets of materials.

This event is free to attend but registration is required. [Please register to attend in-person](#)

[and online](#). The event will also be livestreamed.

Lunch will be provided to those attending in person.

Curious to know more about the history of science at the APS? Read more on the APS Blog:

- [“Twelve Sides” of Charles W. Cotterman](#) - Gina Pungello
 - [Science at the Roots: The Age of Revolution](#) - Vincent Femia
 - [From Outside the Milky Way Galaxy in the Direction of Supergalactic Plane: Sheldon Glashow’s Theory Proven Deep in the Ice](#) – Tracey deJong
 - [Freeman Dyson Proves Robert Oppenheimer Wrong](#) – Charles Greifenstein
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