

Newsletter

of the History of Science Society

Vol. 47, No. 4
October 2018

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The façade of the museum in late 2013

Requiem for the Museu Nacional of Rio de Janeiro

by Carlos A. L. Filgueiras, Departamento de Química, UFMG, Belo Horizonte, MG, Brazil,
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[Editor's Note: After the tragic loss of the museum, the HSS Executive Committee asked me to reach out to our Brazilian members to see how we could help. Carlos Filgueiras sent this article and gave permission to publish it. Some suggestions for helping can be found below, through the auspices of the American Anthropological Association. The American Historical Association is working on a statement that the Society may sign.]

I find it difficult to write about the Museu Nacional of Rio de Janeiro in this moment of profound grief for science and culture in Brazil. However, I think this must be done. I spent twelve years as a professor at the Chemistry Institute of UFRJ, the university to which the museum is affiliated. In addition to being a chemist I am also a historian of science and during that time I could develop a series of cultural activities thanks to

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Requiem for the Museu Nacional of Rio de Janeiro, cont.

the many notable institutions located in Rio de Janeiro and the consequent opportunity to absorb much of what those unique entities put at one's disposal. Such an environment, with many first-rate intellectuals present, contributed decisively to many fruitful projects.

Among those entities, I had closer links to at least four: the Museu Nacional; the Museu Imperial; the National Library, one of the largest in the world; and the Brazilian Historic and Geographic Institute. I shall however limit this short text to the Museu Nacional. This is an institution with which I have been intimately acquainted, in dozens and dozens of visits to the Boa Vista Park, where it is located. The archeological

collections were those with which my connection was closest, for many reasons. One of them was the elaboration of a calendar book that was to be distributed by the Chemistry Institute in early 2008. The Director of the Institute asked me to work on the project with ample liberty. I chose to use as a theme the bicentennial of the arrival of the Portuguese Royal Family and the court in Rio de Janeiro in 1808, as a consequence of the Napoleonic wars.

The Royal Family settled in a mansion which with time became the palace where the King of Portugal and the Emperors of Brazil lived until 1889. King John VI founded the Museu Nacional in 1818. It is a sad coincidence that



Pre-Columbian archeology

Above: Andean gold artifacts

Top Right: Ceramic bowl from Yucatán

Bottom Right: Bronze llamas



Precious objects

Left: the Battle of Constantine vase, Silver gilt and coral, given to the museum at its founding in 1818 by King John VI

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Executive Office

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Please notify both the HSS Executive Office and the University of Chicago Press.

Editorial Policies, Advertising and Submissions

The *History of Science Society Newsletter* is published in January, April, July, and October, and sent to all individual members of the Society.

The *Newsletter* is edited and published in the Executive Office. The format and editorial policies are determined by the Executive Director in consultation with the Society Editor. All advertising copy must be submitted in electronic form. Advertisements are accepted on a space-available basis only, and the Society reserves the right not to print a submission. The rates are as follows: Full page (10 x 7"), \$625; Horizontal or Vertical Half page (5 x 7"), \$375; Quarter page (5 x 3.5"), \$225. The deadline for insertion orders is six weeks prior to the month of publication and should be sent to info@hssonline.org. Please send photographs in a jpeg format, with a maximum size of 1024 pixels and file size of 1 MB to maintain quality during sizing and printing. The deadline for news, announcements, and job/fellowship/prize listings is firm: four weeks prior to the month of publication. Long items (feature stories) should be submitted eight weeks prior to the month of publication. Please send all material to the attention of the Executive Office: info@hssonline.org.

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Requiem Museu Nacional, cont.

the recent tragedy occurred shortly after the celebration of the museum's bicentennial this past June. After Brazil became a republic in 1889, the government moved the museum's headquarters to the old Imperial Palace.

In my work on the calendar book, I used the archeological collections to showcase for the general public the museum's countless scientific and cultural possibilities. The plan which was then devised consisted in showing the enormous variety of chemical compounds and materials employed along the centuries in different

civilizations in the production of the most diverse objects, of a utilitarian, artistic, or decorative nature. I had the help of photographers and during that project my admiration and intimacy with the museum grew considerably.

After this personal introduction, I would like to give a short overview of what the museum represented and of its importance, not only to Brazil but to the world.

The Museu Nacional housed 20 million precious objects, which were destroyed mostly by the neglect and ignorance of succeeding authorities

who were unable to develop any sense of empathy for such an institution and who ignored its meaning and importance. The museum has a very competent and dedicated staff, as I could witness countless times, but this staff was powerless to remedy so many problems, which were in many cases of a political nature.

Among the items destroyed one can mention the large Egyptian collections amassed by the Brazilian Emperors Pedro I and Pedro II, with hundreds of objects, including human and animal mummies, sarcophagi, statues, etc.; the



Egyptian collection

Left: Sarcophagus of a lady of the XXIII dynasty;

Center: Necklace, ceramics

Right : Bronze Statuette of Osiris, Isis and the infant Horus



Hellenistic collection

Left: Marble *kore*

Right: Alabaster Aphrodite



Pompeian collection

Above: Pompeian frescoes with marine animals and birds

Right: Pompeian glass — Flasks of paste glass



Requiem Museu Nacional, cont.

large Greek, Etruscan, and Roman collections, most of them brought by Empress Teresa Cristina, who was a Neapolitan princess and who directed excavations in Italy in the XIXth century; countless fossils, including the oldest human fossil in Brazil; an enormous collection of pre-Columbian artifacts, both from Brazil and from Spanish America, with many Andean mummies; thousands of Andean textiles from different civilizations; the unique royal cloak of the King of Hawaii, given by the King to Emperor Pedro I in the 1820's; in addition to many zoological, botanical, and mineralogical collections. Since the museum had been a royal residence it still contained many important items related to the history of the monarchy in Brazil, although most such items are housed in other institutions today. Even so, many paintings, furniture and other irreplaceable objects were lost.

I hope this report contributes to a greater international awareness of the calamity, which befell not only the museum but the whole world.

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N.B. *The American Anthropological Association (AAA) has **published on its web site some information on how individuals can help.** AAA will announce a coordinated effort with the Smithsonian on collecting materials for the*

Anthropology Library and AAA's publisher is making the entire Wiley Humanities and Social Sciences journal catalog available to people from University IP addresses for the indefinite future.

Those who wish to send materials must remember that the museum has storage issues, so it is important to contact them ahead of time as you contemplate shipping materials.

NOTES AND RECORDS

Why not consider *Notes and Records* for your next history of science article?

We offer our authors:

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- Excellent author service and fast publication times
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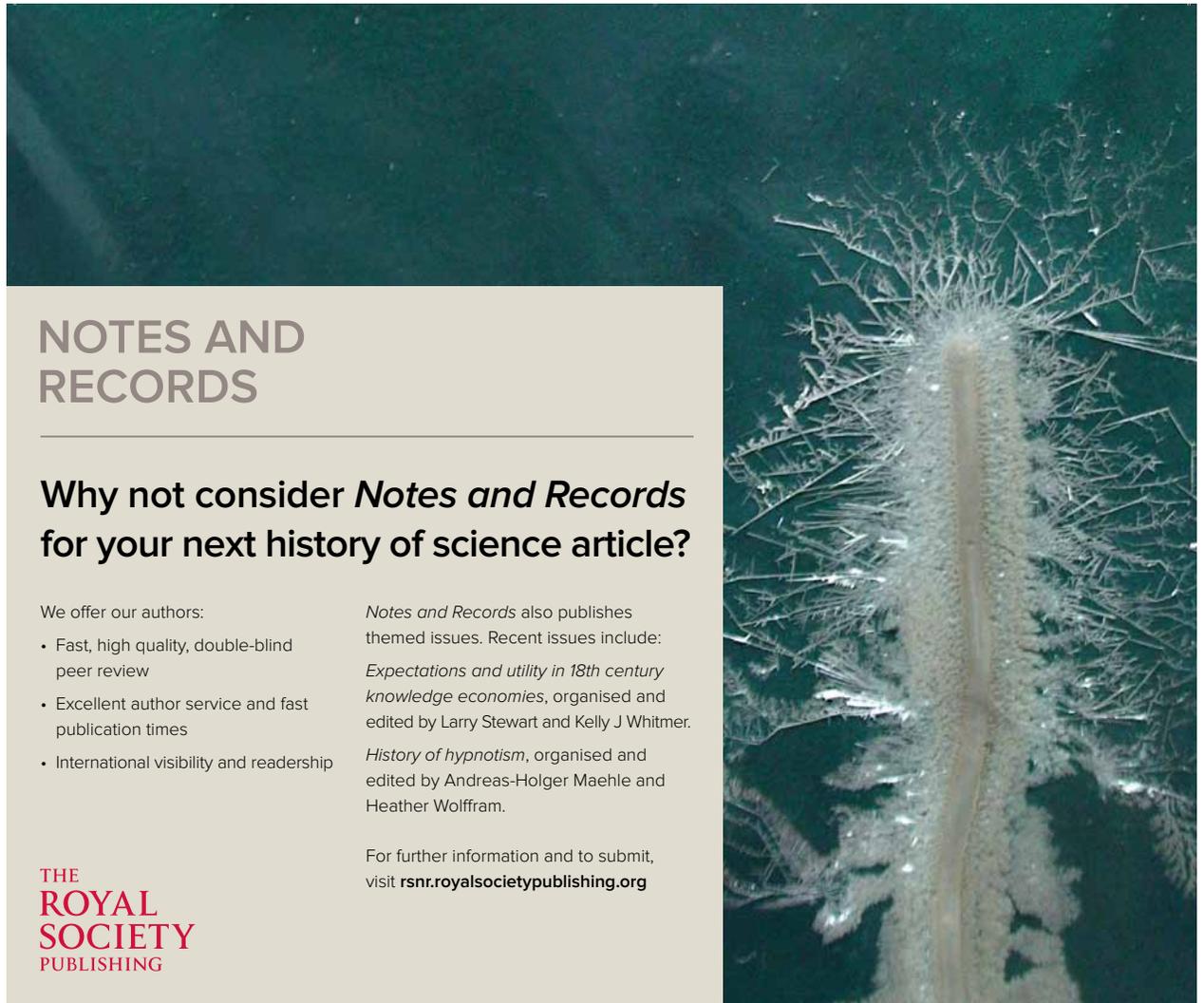
Notes and Records also publishes themed issues. Recent issues include:

Expectations and utility in 18th century knowledge economies, organised and edited by Larry Stewart and Kelly J Whitmer.

History of hypnotism, organised and edited by Andreas-Holger Maehle and Heather Wolfram.

For further information and to submit, visit rsnr.royalsocietypublishing.org

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Member News

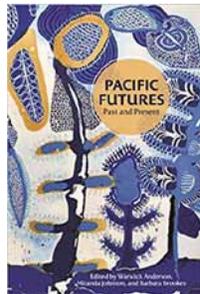
Lindsay Alberts (Savannah College of Art and Design) is delighted to join Savannah College of Art and Design as Professor of Art History. She will teach introductory and early modern courses, and looks forward to discovering the charms of this new city.

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Warwick Anderson (University of Sydney and Harvard University (2018-19)) will publish the following:

Anderson, Warwick, and Roque, Ricardo, eds. **“Imagined Laboratories: Comparative Racializations in Island Southeast Asia.”** Special Issue of *Journal of Southeast Asian Studies* 49, no. 3 (October 2018).

Anderson, Warwick, Johnson, Miranda, and Brookes, Barbara, ed. ***Pacific Futures: Past and Present*** (Honolulu: University of Hawaii Press, 2018). Release set for 30 November 2018.



Anderson, Warwick, Roque, Ricardo, and Ventura Santos, Ricardo, ed. ***Lusotropicalism and its Discontents: The Making and Unmaking of Racial Exceptionalism*** (New York: Berghahn, 2019). Release set for February 2019.

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Rima D. Apple (University of Wisconsin-Madison), Professor Emerita presented the keynote lecture at the Postponement of Parenthood Conference, Villa Vigoni, Lake Como, 3-6 September 2018. The title of her paper was "Why delayed motherhood? Women's decisions, 1910s-2010s."

.....

Marina Paola Banchetti-Robino (Florida Atlantic University) has been appointed as a member of the Executive Committee of the International Society for the Philosophy of Chemistry. She also presented an invited lecture titled “Robert Boyle and the Relational and Dispositional Nature of Chemical Properties” at the Seminar on the History and Philosophy of Chemistry (Laboratoire Sphère - Université de Paris Diderot), on 7 March 2018.

She recently published the following article: **“Il neoplatonismo nell'ontologia chimica di Jan Baptista van Helmont.”** In *Platone nel pensiero moderno e contemporaneo*, Volume 10, edited by Andrea Muni. 1-26. Milano: Limina Mentis, 2017.

She also served as guest editor of the following two journal volumes: *Foundations of Chemistry. Special issue for the 20th annual symposium of the International Society for the Philosophy of Chemistry (Part I)*, Vol. 19, No. 1.

Foundations of Chemistry. Special issue for the 20th annual symposium of the International Society for the Philosophy of Chemistry (Part II), Vol. 19, No. 3.

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Ana Barahona (Universidad Nacional Autónoma de México) recently published *La Evolución Biológica en los Libros de Texto Mexicanos* (Mexico City: UNAM/Centro Lombardo Toledano, 2017), with Erica Torrens.

Barahona has also been appointed a member of the International Advisory Board of the British Society for the History of Science. She started her 3-year term on 1 September 2017.

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Joe Bassi (University of Texas, El Paso) will be spending the fall term as a visiting scholar in the Department of the History and Philosophy of Science at Cambridge University.

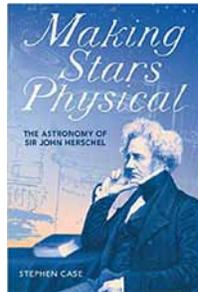
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Harold Burstyn (retired) has moved to a CCRC in Madison, WI. He continues to spend summers in Woods Hole, MA, where he is a member of the Society (formerly the Corporation) of the Marine Biological Laboratory, now part of the University of Chicago.

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Member News, cont.

Stephen Case (Olivet Nazarene University) recently published *Making Stars Physical: The Astronomy of Sir John Herschel* (Pittsburgh: University of Pittsburgh Press, 2018).



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Jonathan Coopersmith (Texas A&M University) will be a Visiting Research Fellow at King's College, London this fall to research his "Creative Construction: The Importance of Fraud and Froth in Emerging Technologies." He was also involved in a recent conference hosted by the American Institute of Physics: "To Boldly Preserve: Archiving the Next Half-Century of Space Flight." Funded by NSF, the conference attracted nearly 100 historians, archivists, curators, and other people interested in actively promoting the collection and preservation of space history. The conference was organized by Angel Callahan (Naval Research Laboratory), Coopersmith, and Greg Good (AIP). For more information, read "**Archiving the Final Frontier: Preserving Space History for the Future**" on *Perspectives on History*, listen to *The Museum of Flight's* "**Preserving the Future History of Space,**" or visit toboldpreserve.space.

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Surekha Davies (John Carter Brown Library, Brown University) was shortlisted for the **Pickstone Prize**, awarded biennially by the British Society for History of Science for the best scholarly book in the history of science. Davies will be an **InterAmericas Fellow at the John Carter Brown Library** at Brown University (Sept 2018-March 2019). Davies will be a **Senior Research Fellow at the Descartes Centre** for the History and Philosophy of Science and the Humanities at Utrecht University (May-July 2019).

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Krishna Dronamraju (Foundation for Genetic Research) is set to release *A Century of Geneticists: Mutation to Medicine* (Boca Raton: CRC Press, 2018) in October. The book is a collection of biographies of the leading geneticists of the twentieth century, such as Hugo de Vries, William Bateson, Francis Galton, T.H. Morgan, H.J. Muller, J.B.S. Haldane, Ronald Fisher, Sewall Wright, Oswald Avery, Erwin Schrödinger, Barbara McClintock, Francis Crick, James Watson, George W. Beadle, Norman Borlaug, M.S. Swaminathan, Victor McKusick and others. The lives and contributions of these scientists are presented within the context of their times and social circumstances. Both hardback and paperback versions are being published in October 2018

by the CRC Press (Taylor and Francis Group) in the USA and Routledge in the U.K.

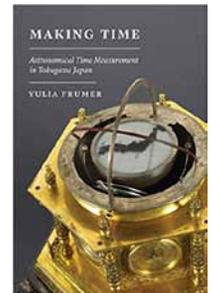
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Matthew Daniel Eddy (Durham University) has been promoted to a full professorship in the history of science.

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Yulia Frumer (Johns Hopkins) has recently published the following:

Frumer, Yulia. *Making Time: Astronomical Time Measurement in Tokugawa Japan*. Chicago: University of Chicago Press, 2018.



Frumer, Yulia. "**Translating Words, Building Worlds: Meteorology in Japanese, Chinese, and Dutch.**" *Isis* 109, no. 2 (June 2018): 326-332.

Frumer, Yulia. "**Japanese Reverse Compasses: Grounding Cognition in History and Society.**" *Science in Context* 31, no. 2. (June 2018): 155-187.

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Amanda Golbeck (University of Arkansas for Medical Sciences) wants to bring the American Statistical Association (ASA) to your attention, because you don't have to be a member to join!

The ASA has a brand new History of Statistics Interest Group (HoSIG).

Member News, cont.

The objectives of HoSIG are to:

1. Bring together individuals and groups who have an active interest in the history of statistics.
2. Promote and support research into the history of statistics at all levels.
3. Further the use of the history of statistics in education.
4. Encourage the historical perspective among statisticians and related professionals.
5. Contribute to the program of the annual Joint Statistical Meetings and selected meetings of the ASA and other professional organizations.

Please let her know if you have any questions. Here is a [link to the instructions about how to join](#). Amanda L. Golbeck, Chair-Elect of HoSIG, agolbeck@uams.edu.

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Kristine Harper (Florida State University) has been promoted to Professor of History at Florida State University.

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Hans Haubold (United Nations) and Barbara Haubold (International Atomic Energy Agency) **initiated a project to Search for Memorabilia of Dorothy Michelson-Livingston** (1906-1994):

Dorothy is the author of the only existing biography of her father Albert A. Michelson,

the first American Nobel Prize winner in physics (1907). While writing this biography over a period of more than ten years she was in contact with famous scientists and engineers to revisit the Michelson experiments that were the subject of two conferences, one held in 1981 (Astronomische Nachrichten 303 (1982)1-96, Potsdam, Germany) and one held in 1987 (American Institute of Physics 169 and 179, Cleveland, USA).

The project wishes to recover documentary evidence on **Dorothy's restless efforts to reconstruct Michelson's scientific work** and his intellectual environment:

Advice and support from the international community are welcome.

B. Haubold, H.J. Haubold, and L. Pyenson, **"Michelson's first ether-drift experiment in Berlin and Potsdam."** The Michelson Era in American Science, 1870-1930, Eds. S. Goldberg and R.H. Stuewer, AIP Conference Proceedings Vol. 179 (1988) 42-54, American Institute of Physics, New York, 1988.

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Toby Huff (Harvard University) was recently interviewed by Mohammed Alrushoodi. The

published interview can be found at "**The Sociology of Early Modern Science.**"

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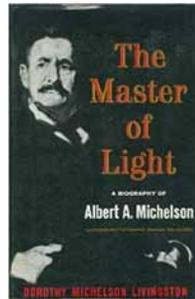
Alexandra Hui (Mississippi State University) was elected as a Councilor for the Teaching Division of the American Historical Association. Her service will begin on 1 January 2019.

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Margaret Jacob's (UCLA) new book **The Secular Enlightenment** (Princeton: Princeton University Press, 2018) will appear soon.

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Henk Kubbinga (University of Groningen) is glad to report on the latest developments concerning Planck's constant, h . In a paper titled **"A Tribute to Max Planck,"** *Europhysics News* 49, no. 4 (July-August 2018): 27-30, he succeeded in further refining Planck's own 1899 calculations ab initio, that is, from first principles. The context of those calculations sheds an entirely new light upon the so-called "quantum revolution." In fact, there was, from a molecular point of view, far more continuity than generally acknowledged. In this *Newsletter* of our most-distinguished History of Science Society, it is a pleasure to stress that the final elucidation of Planck's mathematics, in 2015, was an obvious "tale of two Continents," as Charles Dickens would have called it playfully. It all started on the Old Continent, in Paris, with a



Member News, cont.

PhD (1983) and habilitation (1996) on the history of the (atomic and) molecular theory (Ecole des Hautes Etudes en Sciences Sociales), continued with papers read at annual meetings of the HSS (1996, Atlanta, GA: “Max Planck: Molecularism and Quantum Theory;” 1999, Pittsburgh, PA: “Laplace and the Rise of Molecularism”), and subsequently as a guest of the German Physical Society at the Quantum Centenary Congress (2000, Berlin: “Planck’s Quanta as Molecules of Energy”) and, later, of the American Institute of Physics (2006, College Park, MD; study of US-Englished source materials), to conclude now with the publication of Planck’s calculation of h under the wings of the European Physical Society.

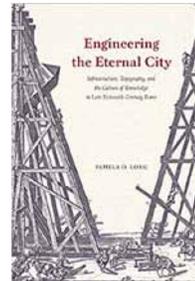
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Philipp Lehmann (UC Riverside) recently published:
Camprubí, Lino, and Philipp Lehmann, eds.
“**Experiencing the Global Environment.**”
Special issue, *Studies in History and Philosophy of Science Part A*, 70 (2018).

.....

For her next book project, *Slouch: The Forgotten History of America’s Poor Posture Epidemic*, **Beth Linker** (University of Pennsylvania) **has won grants from the American Council of Learned Societies**, the National Endowment for the Humanities, and the National Library of Medicine for the 2018-2019 year.

Pamela O. Long (independent scholar) has recently published *Engineering the Eternal City: Infrastructure, Topography, and the Culture of Knowledge in Late Sixteenth-Century Rome* (Chicago: University of Chicago Press, 2018).



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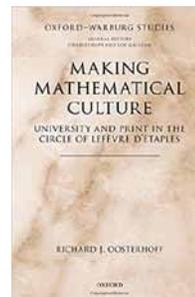
Paige Madison (Arizona State University) has received a **Fulbright Study/Research Award** to spend a year at Universitas Indonesia and Indonesia’s National Archaeological Research Center conducting language study and pursuing the project “*Homo floresiensis* and the History of Anthropology in Indonesia.”

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Adrienne Mayor (Stanford University) was recently awarded the **Berggruen Fellow at the Center for Advanced Study in the Behavioral Sciences**, Stanford for 2018-19.

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Richard Oosterhoff (University of Edinburgh) recently moved from a research post at CRASSH, University of Cambridge, to a permanent post as **Lecturer in Early Modern History at the University of Edinburgh**.



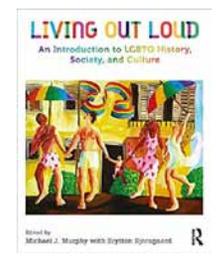
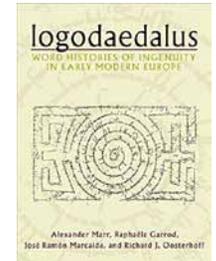
Oosterhoff will publish *Making Mathematical Culture: University and Print in the Circle of Lefevre d'Étapes* (Oxford: Oxford University Press, 2018) and *Logodaedalus: Word Histories of Ingenuity in Early Modern Europe* (Pittsburgh: University of Pittsburgh Press, 2018), both set for release in October. Logodaedalus is co-authored with Alexander Marr, Raphaële Garrod, and José Ramón Marcaida.

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Don Opitz (DePaul University) was appointed **Interim Dean of the School for New Learning**, DePaul University, for the 2018-19 academic year. Previously he served as the School’s Associate Dean for Academic Affairs and Enrollment Management. He continues to hold Associate Professor status on DePaul’s faculty.

He also published “Emergence of LGBTQ Studies” in *Living Out Loud: An Introduction to LGBTQ History, Society, and Culture*, edited by Michael J. Murphy and Brytton Bjorngaard, 195-96. New York: Routledge, 2019.

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Member News, cont.

Hans Pols (University of Sydney) has recently published a monograph, *Nurturing Indonesia: Medicine and Decolonisation in the Dutch East Indies* (Cambridge: Cambridge University Press, 2018).



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Pedro Raposo (Adler Planetarium) is now Curator and Director of Collections at the Adler Planetarium in Chicago. The new role expands on his previous position as Adler's Curator and entails higher responsibilities in steering the Planetarium's history and collections department (aka the Webster Institute), working closely with the Adler's VP of Astronomy and Collections. Pedro and his team will continue to pursue varied initiatives and projects in order to make the Adler's world-class collections of scientific instruments, rare books, and archival materials ever more accessible to the research community, while exploring innovative and engaging ways of using this remarkable resource in Adler exhibitions and programs.

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Joy Lisi Rankin recently published *A People's History of Computing in the United*



States (Cambridge: Harvard University Press, 2018). For more information, visit www.joyrankin.com.

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Anna Reser would like to announce that *Lady Science* is celebrating its fourth birthday in October 2018! *Lady Science* is an independent magazine and podcast focused on women and gender in the history and popular culture of science. Founded in 2014 as a small newsletter, *Lady Science* now publishes researched historical essays each month, essays on higher education, pop culture, current events, and special series on topics such as fascism and science, gender and pain in the medical establishment, Star Trek, and sports and science.

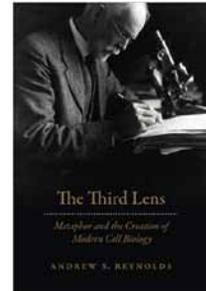
The Lady Science Podcast archive includes interviews with scholars and writers like Dr. Marie Hicks, Dr. Safiya Umoja Noble, and Dr. Susan Stryker. The podcast has covered topics like historical myths about the female body, queer histories of science, gender and technology, and the history of scientific racism.

The editors and staff would like to thank our readers for their support and enthusiasm over the last four years, and invite HSS members who are not familiar with the magazine to browse our archive (ladyscience.com/archive), follow us on Twitter and Instagram (@ladyxscience),

and subscribe to our newsletter (tinyletter.com/ladyscience) and podcast (ladyscience.com/podcast). Lady Science is fully reader supported (patreon.com/ladyscience) and will always be completely free to access.

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Andrew S. Reynolds (Cape Breton University) has recently published *The Third Lens: Metaphor and the Creation of Modern Cell Biology* (Chicago and London: University of Chicago Press, 2018).



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John L. Rudolph (University of Wisconsin-Madison) will publish *How We Teach Science: What's Changed and Why It Matters* (Cambridge: Harvard University Press, 2019) in the spring. The book recounts the way in which science and its methods have been taught in American schools from the middle of the eighteenth century to the present with an eye to understanding the consequences of that teaching for the relationship between science and the public.

Rudolph has also recently begun his second term as chair of the Department of Curriculum & Instruction at Wisconsin.

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Member News, cont.

Neeraja Sankaran (Ashoka University) is now a Visiting Associate Professor, as she was invited to reprise her former role of Associate Professor to teach the foundation undergraduate course in scientific literacy (Principles of Science) at Ashoka University, India. She was also selected as a 2018-2019 Research Fellow at the Consortium for History of Science, Technology and Medicine, to use the collections at: American Philosophical Society, Columbia University, Cold Spring Harbor Laboratory, Rockefeller Archive Center, and Science History Institute.

Sankaran has recently published:

Sankaran, Neeraja. **“On the Historical Significance of Beijerinck and His Contagium Vivum Fluidum for Modern Virology.”** *History and Philosophy of the Life Sciences* 40, no. 3 (September 2018): 41 (25 pages)

Helvoort, Ton van, and Neeraja Sankaran. **“How Seeing Became Knowing: The Role of the Electron Microscope in Shaping the Modern Definition of Viruses.”** *Journal of the History of Biology*, (online 20 June 2018), 1-36.

Sankaran, Neeraja. **Book Review of *Immunity: the Evolution of an Idea*, by Alfred I. Tauber.** *History and Philosophy of the Life Sciences* 40, no. 2 (June 2018): 32 (3 pages)

Sankaran, Neeraja. **Book Review of *From Madman to Crime Fighter: The Scientist in***

***Western Culture*, by Roslynn D. Haynes.** The British Society for Literature and Science, July 2018 (Online only)

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Sigrid Schmalzer (University of Massachusetts Amherst) has been working on a number of projects related to activism and the history of science. In January, UMass Press published a volume she co-edited with Dan Chard and Alyssa Botelho titled *Science for the People: Documents from America's Movement of Radical Scientists*. Meanwhile, she has been active in the reconstitution of *Science for the People* itself (in its former incarnation, it lasted roughly from 1969 to 1989). They held their first national convention in February and released **the first issue of the revitalized magazine** in July. Inspired by these developments, Schmalzer is launching a new book series with UMass Press called ***Activist Studies of Science and Technology***. She hopes HSS members will consider the series for their activism-related book projects.

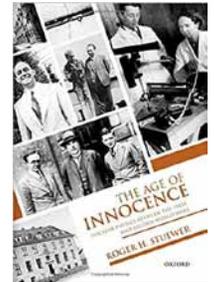
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David Schwartz was a guest speaker at Los Alamos National Laboratory's 75th Anniversary Event, “Past, Present, and Future,” on August 6 at the Lab. He spoke about the nuclear legacy of Enrico Fermi, the history of the nuclear arms race and nuclear anxiety, and the role of scientists

in the development, and control, of nuclear weapons.

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Roger H. Stuewer (University of Minnesota) recently published ***The Age of Innocence: Nuclear Physics between the First and Second World Wars*** (Oxford and New York: Oxford University Press, 2018).



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Alison Wylie (University of British Columbia), who is a Professor of Philosophy and Canada Research Chair in Philosophy of the Social and Historical Sciences, will give the Forum for the History of Human Science distinguished lecture at the 2018 HSS conference. Her primary interest is in understanding how we know what (we think) we know under non-ideal circumstances, and in addressing issues of accountability that arise in research practice. She publishes on evidential reasoning, ideals of objectivity, feminist standpoint theory and on normative issues raised by an ethic of stewardship and collaborative practice in archaeology.



HSS News

HSS Newsletter Editors Wanted

The HSS *Newsletter* first appeared in 1972, edited by Roger Stuewer and his team of volunteers ([the Newsletter archive can be found here](#)). One of the goals of the quarterly *Newsletter* was to advertise jobs in the field so as to level the playing field for all graduates, a goal that was achieved and now seems quaint in the age of the Internet. As the Society transitions to a new team of editors, who take over on July 1, we would like to return the *Newsletter* to its volunteer foundation, with a new goal of fostering solidarity among HSS members. This transition will likely involve a new title (HSS *Newsletter* does not evoke deep feelings) and an increased reliance on stories from our members. Although all HSS publications will remain under the purview of the Society's Editors, we are looking for volunteers for tasks like, notably, the following:

- managing editor
- finding and editing stories of interest
- advisory editors
- helping us integrate the *Newsletter* into the Society's website.

These would be two-year terms, and the Executive Office stands ready to assist all volunteers.

Land Acknowledgement Ceremony in Seattle

During the 2017 HSS meeting in Toronto, we formed a committee to expand the Society's ongoing initiatives for inclusion, diversity, and equality. Our primary focus for the 2018 meeting in Seattle is to invite a tribal elder to open the conference with a land acknowledgment ceremony. We are also drafting guidelines to make land acknowledgment a regular practice at conferences and institutions for research and education. Anyone interested in joining us is very welcome. Please email us at hss.land.acknowledgment@gmail.com.

Rosanna Dent, McGill University; Felicia Garcia (Chumash), School for Advanced Research; Elaine LaFay, University of Pennsylvania; Khyati Nagar, York University; and Marissa Petrou, NYU

HSS's Respectful Behavior Policy

Freedom of expression and vigorous debate are crucial to scholarly exchange. The History of Science Society strongly values mutual respect and strives to provide an environment for exchange that is free from bias and intimidation. The Society is dedicated to securing a safe, hospitable, and productive environment for

everyone. Accordingly, the Society deplores all harassment and is sensitive to the harm suffered by persons who experience it. We expect speakers and questioners at our meetings to demonstrate self-control and civility, even in the midst of strong disagreement, and not to engage in *ad hominem* attacks. Furthermore, we expect those participating in the Society's meetings and events to treat others with respect and not to engage in behavior that is discriminatory, intimidating, threatening, or harassing. This expectation applies to our speakers, staff, volunteers, and attendees.

Nondiscrimination and Anti-Harassment Standards

The Society prohibits any unwelcome conduct that is based on an individual's sex (including pregnancy), sexual orientation, gender identity, race, color, religion, national origin, age, marital status, disability, or employment status and that creates an environment that a reasonable person would consider intimidating, hostile, or abusive. Harassment may include such actions as: (1) inappropriate physical contact; (2) inappropriate jokes or verbal kidding or teasing; (3) verbal abuse and epithets; (4) degrading comments; (5) the display of offensive or sexually suggestive objects or pictures; (6) conduct or comments of a lewd or lascivious nature, including subtle pressure for sexual activity; (7) repeated offensive sexual flirtations, advances, or propositions; and

HSS News, cont.

(8) any other conduct that the individual (or group of individuals) might reasonably find to be intimidating, hostile, offensive, coercive, or threatening. Sexual harassment does not refer to occasional compliments of a socially acceptable nature or consensual personal and social relationships.

Reporting

If an individual or group of individuals believes that they have experienced any violation of this policy at a Society meeting or event, the person or group should report the incident immediately to the Society Ombudsperson (ombudsperson@hssonline.org). Although anyone may seek advice from the Ombudsperson, only the individual or individuals alleging that they have been harassed may file a complaint. The Ombudsperson shall listen to the grievance, describe the policy and procedures, outline issues of privacy and confidentiality, and discuss possible courses of action regarding the filing or non-filing of a formal complaint. The Ombudsperson shall take all reasonable efforts to maintain in strict confidence the identity of individuals reporting an incident and the person or persons implicated in an incident. The Ombudsperson shall prepare for Council annually an aggregate, anonymized summary of all such reported incidents. If an individual elects to file a formal complaint, that person must describe the incident in a non-

confidential written statement delivered to the Ombudsperson within sixty (60) calendar days of the alleged conduct and preferably immediately following the incident. The Ombudsperson will provide the statement concurrently to the accused party or parties and to the three-person Respectful Behavior Review Committee. The accused party may elect to file a written response, and if so, the written response must be filed with the Ombudsperson within sixty (60) calendar days of receipt of the initial written complaint. The Chair of the Committee shall contact both parties to discuss the incident and determine whether there is a mutually acceptable resolution. If no such resolution can be found, the Committee shall determine whether the incident constituted harassment under the terms of this Policy. If the Committee determines the incident constituted harassment, it shall furnish a report of the incident, the Committee's findings, and a recommended sanction, if any, to the Secretary of the Council within sixty (60) days.

Sanctions

The Council shall consider the case. If a majority of the entire Council concurs with the recommendations of the Committee, the Council Executive Committee shall issue a written reprimand including any sanctions banning the individual from future meetings and/or revoking the individual's membership. The Secretary of the Council will report the outcome to all parties

involved, which is final. Society Ombudsperson: ombudsperson@hssonline.org.

Approved by HSS Council, 7 June 2017

[HSS's Ombudsperson for the 2018 meeting is Sally Gregory Kohlstedt]

JSTOR for HSS Members

In its strategic plan, HSS identified professional development as one of our six goals. Specifically, the Society is focusing on supporting the "professional development of emerging history of science scholars in and outside the academy." One of the ways in which the HSS can help our members advance their research and teaching is to facilitate access to the literature, and we are pleased to work with JSTOR to offer a 50% savings on a one-year JPASS subscription for members (regularly \$199). JPASS, available as monthly or yearly plans, allows you to read whatever journal article you like and enjoy up to 120 PDF downloads a year from the JSTOR archive, an archive with over 7 million articles from 2 thousand journals (including *Isis* and *Osiris*), representing some 50 academic disciplines.

In addition to past issues of *Isis* and *Osiris*, members may find the following journals of particular interest:

- *The British Journal for the History of Science*
- *Journal of the History of Medicine and Allied Sciences*

HSS News, cont.

- *Science Progress*
- *Science, Technology, & Human Values*

JSTOR adds new titles to JPASS every month so you'll have a growing collection of the world's leading scholarly journals only a click away.

Sign up here.

HSS's Elizabeth Paris Endowment Achieves \$100,000 Goal

The Elizabeth Paris Endowment for socially engaged history and philosophy of science was established in 2013 in celebration of the life and values of Elizabeth. A passionate and generous scholar who was committed to integrating the intellectual side of the history and philosophy of science with their social, institutional, and policy aspects, Elizabeth excelled in bringing people together and the endowment was formed with that in mind. We are pleased that we have now reached the \$100,000 goal and plan to build on this amount. This is a permanent fund, the proceeds of which will be used to pursue the endowment's central goal: to carry the history and philosophy of science to the public. In pursuit of this goal, the HSS sponsors the Elizabeth Paris social engagement events at its annual meetings.

In the first-Paris event in 2014, Peter Galison, the Pellegrino Professor in History of Science

and Physics at Harvard University, built on his ground-breaking work in *Einstein's Clocks, Poincaré's Maps*. Professor Galison examined the quest for "pure time" and the impact this had on daily life, especially railroad travel. Galison also incorporated into his Paris talk some of the collaborative results with the artist William Kentridge, providing an exciting balance of science and art. This talk, co-sponsored by the 2014 Chicago Humanities Festival, sold out within a few weeks.

For 2015, HSS drew on the expertise of one of its members and invited Eric Conway, co-author of the book *Merchants of Doubt*, to host a screening of the movie by the same title. Dr. Conway provided valuable insights into how scientific expertise can be intentionally twisted to create doubt in the public forum. For example, scientists who created doubt about the harmful effects of tobacco also had a hand in manufacturing doubt about acid rain and climate change. This story is particularly important for democratic societies that rely on scientific expertise in making decisions.

At the Atlanta meeting in 2016, the Society invited Gregg Mitman (University of Wisconsin) and Evelyn Hammonds (Harvard University) to speak about their expertise on science in Africa and among minorities in the United States, respectively. The event, which took place in

downtown Atlanta at a historically black church, featured footage of a 1920s scientific expedition to Liberia and the ripples it created that are felt even today.

The 2017 conference in Toronto highlighted the work of Alice Dreger, whose talk "Moral Witnessing in the History of Science" drew the largest audience to date. Using her work as a champion of those born with atypical anatomies as a springboard, Dr. Dreger explored how history can serve as a type of moral witnessing and how history can provide a powerful explanation for events as it warns against simplistic stories of good and evil.

HSS and PSA: "He Says He's Not Dead"

By Jay Malone, HSS Executive Director

"In "Monty Python and the Holy Grail," John Cleese's character brings an older man to the "dead cart," which is being pushed through the mud in a bleak village to the sing song chant of "bring out your dead." The old man protests that he's not dead, which prompts the captain of the detail to exclaim, "He says he's not dead," one of the funnier lines in cinema. Some people are discussing the demise of the HSS/PSA relationship but it is not yet dead. Here's the background of the co-located meetings.

HSS News, cont.

In the mid 1990s, PSA faced a bit of a crisis with its biennial meeting, i.e. finding someone to organize it. HSS's Executive Secretary, Keith Benson, stepped into the breach and pulled together the 1996 meeting in Cleveland. Keith did such a fine job that PSA asked that this relationship continue. Because it is doubly difficult to organize two separate meetings, it was decided that HSS and PSA would meet together, preferably in the same hotel. The 1998 meeting in Kansas City marked the beginning of that experiment and it worked fairly well for many years but change was inevitable.

When HSS began this relationship, a typical PSA meetings featured 5 parallel sessions spread over 2.5 days and about 325 attendees. HSS conferences would see over 700 delegates and 10 to 12 parallel sessions. Finding a hotel to fit both groups was always a challenge. Now some 20 years later, for the Seattle meeting, PSA is expecting over 700 attendees, with 10 parallel sessions spread over 4 days. This growth prompted the PSA governing board to find a new way to organize its biennial conferences, and this decision actually meshed nicely with HSS's strategic plan where we were looking to invest more in programs outside of the annual meeting. PSA reconstituted its administration, appointing Jessica Pfeifer as their new Executive Director, and Jessica has done a fabulous job.

As part of the strategic plan, HSS's Council expressed a desire to meet with other societies on a more regular basis, especially the Society for the History of Technology (SHOT). Accordingly, we are planning meetings with SHOT in 2020 and 2021. HSS Council also expressed a desire to meet outside of North America, which is the impetus for our Utrecht meeting next year in July (our first annual meeting in July). A combination of meeting more frequently with SHOT and outside of North America makes it increasingly difficult to coordinate meetings with PSA.

We will meet with PSA in Seattle but we will miss PSA in 2020 as we work towards a co-located meeting with SHOT. But this does not mean that we have ruled out future meetings with PSA and, in fact, we are looking at a possible co-located meeting in Pittsburgh in 2022. And cooperation between the history and philosophy of science will be evident at the 2019 Congress of the Division of Logic, Methodology, and Philosophy of Science and Technology in Prague. HSS included the DLMPST Congress in its NSF travel grants and will provide vital support for that meeting (the CFP for Prague is now live: <http://clmpst2019.flu.cas.cz/>).

We recognize the benefits of combining the history and philosophy of science and will keep our eyes on the future of that relationship, aware of Imre Lakatos's belief that philosophy of

science without the history of science is empty and history of science without the philosophy of science is blind.

Sponsor-a-Scholar Program

The History of Science Society (HSS) is calling for applications to its Sponsor-a-Scholar program. This program aims to help scholars who live in countries that are not party to the **Convention on the Organization for the Economic Co-operation and Development** (OECD) become active members of the HSS.

Selected by a subcommittee of the HSS Committee on Membership, sponsored scholars receive a free electronic membership in HSS (renewable up to three years), which includes subscriptions to *Isis*, *Osiris*, and the HSTM Database, along with other benefits. In return, sponsored members are expected to help further the HSS's international outreach efforts.

Interested applicants, please send:

- 2-page application letter stating your experiences, interests in the history of science, and your proposal to publicize HSS in your region.
- 2-page CV

Please submit all materials to **Zuoyue Wang**.

HSS News, cont.

Why *Isis*?

A few years ago, the HSS Executive Office, which is based at the University of Notre Dame, sent a request to the University's financial office to wire funds to Utrecht University. The funds were intended for the editorial team stationed at the Descartes Center, and "under reason for payment" we listed "publication of *Isis*." Shortly after the request, we received a note of alarm from the financial department stating that we cannot send money to that group. Even though the terrorist group, commonly referred to as ISIS, has waned in the headlines, when people learn of the title of the flagship journal in the history of science, they are startled, and typically ask when the HSS will change the title. There are no plans to make any such alteration, and it is worth remembering why George Sarton chose that title and to recall that the HSS was formed in 1924 specifically to support *Isis*.

In the September 1953 *Isis*, Sarton published the article "Why *Isis*?" in order to give readers his reasoning for choosing the Egyptian goddess as the title for the journal, which he established in 1912. He began the article thus: "During the last forty years, I have often been asked 'Why is your journal called *Isis*? I answered briefly and sometimes impatiently. The present article is written for the sake of providing my successors with a more complete answer.'" (*Isis*,

v.44, Sept. 1953, p. 232) Sarton then goes on to admit that he does not exactly remember when the idea of founding a journal devoted to the history of science (he called it a "review" of the history of science) occurred to him. He was sure, though, that the idea came shortly after he received his doctor's degree in mathematics from the University of Ghent on 11 May 1911 (his undergraduate degree, also from Ghent, was in chemistry).

He writes that he liked the title *Isis* because it was brief, requiring no abbreviations and representing a contrast to the growing number of wordy science journal titles. And though he thought that the names of people, journals, and institutions should be as brief as possible (his daughter's name was May), he encouraged elaboration through a subtitle (presumably just for journals) and so *Isis* is rendered, as "An International Review Devoted to the History of Science and Its Cultural Influences."

But brevity does not provide a sufficient answer to why *Isis*? and he admits it, albeit stubbornly: "The gestation of *Isis* lasted more than a year, but I do not remember having ever had the slightest hesitation about the name, or having ever thought of an alternative one. The query—"Why *Isis*?"—never occurred to me. It was to be *Isis* or nothing." (p. 234) Members owe it to themselves to read this article, how someone trained

in mathematics, who cared little about the humanities, especially the "oriental humanities" gradually, through "eastern dreams and velleities" (p. 235) settled on the title *Isis*.

Members have access to the full run of *Isis*. **The Sarton article can be found here.**

GECC Activities Update (October 2018)

The Graduate and Early Career Caucus is thrilled to announce that our search for diversity officers was a great success. We ask the HSS community to join us in welcoming Ellen Abrams (Cornell) and Charlotte Coull (Manchester) to our team. They are currently developing a diversity survey and would welcome any input. Are there questions that you think should be asked of the HSS/GECC community? Please send ideas, suggestions, or questions to our diversity officers at gecc.diversity@gmail.com. The survey will be made available online on the GECC website during and immediately following this year's conference in Seattle.

The GECC Communications officers have been hard at work on the redesign of the GECC website. In addition to providing information about us and our activities, the new website features several new initiatives. Our mental health resources page is available and provides

HSS News, cont.

links to specific articles and studies on Graduate Student mental health as well as information on more general resources. We also have pages providing information on alt-ac careers and how to apply for post-doctoral positions. In October we will be debuting the GECC Advice column, “Ask a Grad Student.” This collaborative effort features answers from many GECC officers in order to provide different perspectives on a given question. Please leave a comment, or reach out to us directly at hss.gecc@gmail.com with feedback.

GECC is offering a wide array of programming this year in Seattle. In addition to our annual events, such as the CV review (Saturday 1:30-3:45 p.m.) and the GECC Mixer (Friday 8:00-10:00 p.m.), we will be debuting a new Mentorship Mixer immediately following the general reception on Thursday night. This event will be hosted by HSS President Bernie Lightman and will provide attendees with the opportunity to “pick the brains” of established scholars in a casual and convivial environment. Space is limited and interested parties should RSVP to hss.gecc@gmail.com to guarantee their place.

It should be emphasized that this mixer is scheduled *in addition* to other ongoing mentorship programs. The Women’s Mentorship Event will be a brown-bag-lunch format and

will take place on Friday from 12:00-1:15 p.m. We are also continuing our one-on-one mentorship program, which pairs graduate students and early careerists with more senior scholars. The goal of this program is to facilitate conversations that would not otherwise have occurred. If our participants develop a rapport that continues beyond their initial conversation we are, of course, thrilled, but it is not required. We at GECC have a relaxed and inclusive understanding of mentorship. We believe in sharing information and encouraging conversations amongst academics at all career stages. We identify mentors as those with information to share and mentees as those that can benefit from the experiences and expertise of others. We are always seeking mentors to serve during the HSS Meetings. If you are interested in participating please contact our mentorship officers at hss.mentorship@gmail.com.

For more information about GECC and all of our programming, visit our website: <https://hssgecc.wordpress.com>.

Update on the May Sarton Fellowship in the History of Science

Members may be aware that the American Academy of Arts and Sciences approached the HSS earlier this year to help secure nominations for a fellowship in the history of science, a program with a somewhat lengthy history. May Sarton, the daughter and only child of George and Mabel Sarton and a renowned poet, had endowed a fellowship program in 1991, which was intended to support an emerging poet and an emerging historian of science on a three-year cycle. The fellowship was to alternate between a poet and a historian. Challenges plagued the establishment of the program and the first fellowship was not awarded until 1999, to Cristina Chimisso. The second award did not come until 2012 and went to Melinda Baldwin but the Academy has been able to stabilize the process with the full intent that a fellowship will go to an early-career historian of science every six years. After being approached by the Academy, the HSS agreed to help solicit nominations with an expressed goal in expanding the field of nominees. Although accommodating the Academy’s timeline required a much-too-short nomination period, we received over 60 nomination letters. An ad hoc committee from the HSS Executive

HSS News, cont.

Committee ranked these nominations and sent the top five to the Academy, which will make the final decision. Here is the proposed timeline:

- 18 September 2018:** Committee finalizes recommendations for the Sarton Award for History of Science.
- 5 October 2018:** Committee's recommendations are presented to the Board of Directors for approval.
- November 2018:** Recipient is notified. Communication and press release announcing the awards.
- 11 April 2019:** Formal Award Program at the Academy.

The HSS has been in contact with the Academy and has offered a number of suggestions on the process. It is our hope that the 2024 prize will reflect these suggestions.

Copies of *Isis* and *Osiris* Wanted

This summer my departmental office was flooded after a tarp blew off an unfinished roof during a heavy rainstorm. Among the casualties of the flooding were my print runs of *Isis* and *Osiris* from 2004-2018. Since I am a fan of printed journals, but know many members are not, I am appealing to anyone who has been considering getting rid of their print copies of *Isis* and *Osiris* and has just been waiting for an opportunity to do so. You would have a grateful recipient. I am able to reimburse postage and shipping costs to Canada. Email Elizabeth Neswald.



Plan Ahead Future HSS Meetings

Seattle, WA:
1-4 Nov. 2018

Joint meeting with PSA

Utrecht, The Netherlands:
23-27 July 2019



**Just earned your PhD in
the history of science?
Congratulations! Here's a
free e-membership to HSS.**

Leaving the student world
can present challenges.

The HSS would like to recognize your
signal achievement by providing a
free electronic membership (one year)
to those who graduated in 2017 or in 2018.

Please go to [https://subfill.uchicago.edu/
JournalPUBS/HSSpromotion.aspx](https://subfill.uchicago.edu/JournalPUBS/HSSpromotion.aspx) for
details.

News from the Profession

2018 HIST Award

The History of Chemistry Division of the American Chemical Society is pleased to announce that Professor David E. Lewis of the University of Wisconsin—Eau Claire is the winner of the 2018 HIST Award for Outstanding Lifetime Achievement in the History of Chemistry. This international award has been granted since 1956 under sequential sponsorships by the Dexter Chemical Company, the Edelstein Foundation, the Chemical Heritage Foundation, and the History of Chemistry Division. The event includes presentation of a monetary prize and a plaque, a symposium honoring the work of Professor Lewis, and a lecture by the awardee, which was scheduled to take place on 21 August 2018, at the American Chemical Society's annual Fall meeting in Boston, Massachusetts.

David Lewis is a product of the borderline bush area around Adelaide, South Australia. He moved into the suburbs in fourth grade, and stayed there throughout his education. He matriculated from Salisbury High School, and moved on to the University of Adelaide, where he graduated with Honors in Organic Chemistry in 1973. He continued with graduate research in natural products until he was beckoned to the United States and the state of Arkansas in 1977.

Professor Lewis earned tenure and the rank of Associate at Baylor University in 1988, but moved on to South Dakota State University, where he became a Full Professor in 1993. He was called to The University of Wisconsin—Eau Claire in 1997 as Chair of the Chemistry Department, where he continues a very active program in synthetic organic chemistry.

Chemists like Lewis, with his interests well outside the realm of chemistry (narrowly defined) do not always stick to the main road, and David gained an interest in the history of organic chemistry. He also joined the Division of the History of Chemistry and started publishing in the *Bulletin for the History of Chemistry* (now 15 papers, including two Best Paper Awards in 1997 and 2010). He served as the Chair of the Division from 2003-2005.

The area of interest for Professor Lewis has been organic chemistry in Russia, especially at Kazan Chemistry School. Not only has he become the leading scholar in this area, he is recognized by the Russians as the author of “a wonderful series of works devoted to the history of Russian chemistry.” His collected works were translated and published in Russian in 2016. He has been invited several times to give major lectures at Kazan and other cities in Russia. This September, he will, for the first time, deliver his talks in Russian. His 2012 book, *Early Russian Organic*

Chemists and Their Legacy has been hailed as the most important contribution to this previously understudied area.

David Lewis has been one of the most frequent speakers at American Chemical Society meetings in the Division of the History of Chemistry over the last 25 years, and has contributed to many notable symposia (especially *Characters in Chemistry*). His work was recognized in 2012 with a DSc. Degree from the University of Adelaide, and he was elected a Fellow of the Royal Society of Chemistry in 2015.

STEM Education Advisory Panel

The National Science Foundation (NSF), in consultation with the Department of Education, NASA and the National Oceanic and Atmospheric Administration (NOAA) announced on 11 July 2018 the appointment of 18 members to a new advisory panel created to encourage U.S. scientific and technological innovations in education, as authorized by the American Innovation and Competitiveness Act.

Gabriela Gonzalez, deputy director of the Intel Foundation, Intel Corporation, will chair the new STEM Education Advisory Panel. David Evans, executive director of the National Science Teachers Association, will serve as vice chair.

News from the Profession, cont.

Congress authorized creation of the STEM Education Advisory Panel to advise a group of federal organizations called the Committee on Science, Technology, Engineering and Mathematics Education (CoSTEM) on matters related to STEM education.

In particular, Congress authorized the panel to help identify opportunities to update the *2013-2018 Federal STEM Education 5-Year Strategic Plan*, which CoSTEM developed to improve the efficiency, coordination and impact of federally supported STEM education investments.

In addition, the panel will assess CoSTEM's progress in carrying out responsibilities mandated by the America COMPETES Reauthorization Act.

"This new panel has an opportunity to bring fresh eyes and novel approaches to CoSTEM's next five-year strategic plan, which will help enhance the nation's entire STEM ecosystem," said NSF Director France Córdova, who co-chairs CoSTEM. "NSF continues to generate benefits for society through STEM research. To fulfill that mission, we and our federal partners need to make strategic investments to create new generations of discoverers."

"This advisory panel is another strong step taken by this administration to advance educational options in the STEM fields," said Secretary of Education Betsy DeVos, a CoSTEM member. "I look forward to working with this exceptional

new group of STEM leaders to ensure we are constantly rethinking what education means for America's students."

"STEM is vital for NOAA to protect lives and property, enhance the economy, and conserve natural resources," said NOAA acting undersecretary of commerce for oceans and atmosphere, retired Navy Rear Adm. Tim Gallaudet. "As a member of CoSTEM, I look forward to working with this distinguished panel and hearing their recommendations that will help advance these efforts."

"NASA is proud of the many ways that its missions inspire the next generation of STEM leaders. Across the spectrum of our work, students and educators have many opportunities to learn from and engage with our work," said NASA Administrator Jim Bridenstine, who co-chairs CoSTEM. "We're going back to the moon and on to Mars, and we're going to keep doing the amazing things that will help fill the pipeline of new explorers and create a bright future."

The panel is composed of individuals from nonprofit, business, academic and informal education organizations. The members are:

- **Vince Bertram**, president and CEO, **Project Lead The Way, Inc.**
- **Douglas Clements**, Kennedy Endowed Chair in Early Childhood Learning, executive director of the Marsico Institute for Early

Learning and Literacy, and professor, **University of Denver**

- **Lizanne DeStefano**, executive director, Center for Education Integrating Science, Mathematics, and Computing (CEISMC), **Georgia Institute of Technology**
- **Arthur Eisenkraft**, distinguished professor of science education and director of the Center of Science and Math in Context (COSMIC), the **University of Massachusetts, Boston**
- **David Evans**, executive director, **National Science Teachers Association**
- **Gabriela González**, deputy director of the Intel Foundation, **Intel Corporation**
- **Jacqueline Huntoon**, provost and vice president for Academic Affairs, **Michigan Technological University**
- **Aimee Kennedy**, senior vice president for education, STEM Learning and Philanthropy, **Battelle**
- **Laurie Leshin**, president, **Worcester Polytechnic Institute**
- **Robert Mathieu**, Albert E. Whitford Professor of Astronomy, director of the Wisconsin Center for Education Research, **University of Wisconsin-Madison**
- **Ray Mellado**, chairman of the board and founder, **Great Minds in STEM**

News from the Profession, cont.

- **Ioannis Yannis Miaoulis**, president and director, **Museum of Science**, Boston
- **K. Renae Pullen**, K-6 science curriculum instructional specialist, **Caddo Parish Public Schools**
- **Larry Robinson**, president, **Florida Agricultural and Mechanical University** (FAMU), and director of NOAA's Center for Coastal and Marine Ecosystems at FAMU
- **Kimberly Scott**, executive director of the Center for Gender Equity in Science and Technology, **Arizona State University**
- **Robert Semper**, associate executive director, **Exploratorium**
- **William Yslas Velez**, emeritus professor of Mathematics, **The University of Arizona**
- **Bruce Wellman**, Chemistry, Engineering and Robotics teacher, **Olathe Northwest High School**

For more information on the STEM Education Advisory Panel, please visit its website.

Narrative Science Project

The Narrative Science project is pleased to announce the launch of its website, and the start of a seminar series that will run in London throughout the rest of 2018 and to the end of summer in 2019. The website, which contains further information about the project and an

introduction to its central ideas, can be found here: www.narrative-science.org

Each seminar will include two speakers. They will take place between 17:00 and 19:00 on the LSE campus in London, building KSW and room G.01. A sample of the seminars appears below.

6 Nov 2018

Julia Sánchez-Dorado (UCL) and Claudia Cristalli (UCL)
Colligation in Model Analysis: From Whewell's Tides to the San Francisco Bay Model
Veronika Lipphardt (University College Freiburg)
TBA

20 Nov 2018

Caitlin Donahue Wylie (University of Virginia)
Narrating Disaster: A Method of Socialization in Engineering Laboratories
Sigrid Leyssen (University of Bucharest)
TBA

4 Dec 2018

Lukas Engelman (University of Edinburgh)
Epidemiology as Narrative Science: Outbreak Reports of the Third Plague Pandemic from 1894 to 1952
Sabine Baier (LSE and ETH Zürich)
TBA

The September HPS&ST Note

The September *HPS&ST Note* is on the web at <https://www.hpsst.com/hpsst-note.html>.

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- 2019 IUHPST Essay Prize in History and Philosophy of Science.
- 2018 British Society for History of Science, Pickstone Prize Shortlist
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- Opinion Page: Mario Bunge's 99th Birthday
- PhD Theses in HPS&ST Domain
- Recent HPS&ST Research Articles
- Recent HPS&ST Related Books
- Coming HPS&ST Related Conferences

The website for the IHPST 2019 Conference in Thessaloniki, July 15-19, is now open. More conference news in a subsequent *Note*.

This HPS&ST monthly *Note* is sent to about 7,500 individuals who directly or indirectly have an interest in the connections of history and philosophy of science with theoretical, curricular, and pedagogical issues in science teaching, and/or interests in the promotion of more engaging and effective teaching of the history and philosophy of science. The *Note* is also sent to different HPS lists and to science education lists. It is an information list, not a discussion list.

The *Note* serves the diverse international community of HPS&ST scholars and teachers by disseminating information about events and publications that connect to HPS&ST concerns.

News from the Profession, cont.

Contributions to the *Note* (publications, thematic issues, conferences, Opinion Page, etc.) are welcome and should be sent direct to the editor: Michael R. Matthews, UNSW, m.matthews@unsw.edu.au.

In Memoriam: Jeff Hughes

It is with deep sadness that we announce the death of our esteemed former colleague Dr. Jeff Hughes.

From his appointment as one of CHSTM's first permanent members of staff in 1993 to his retirement in 2017, Jeff made huge contributions to the Centre as an inspirational teacher, scholar and colleague. Jeff was known and respected worldwide as a leading figure in the history of science, and we join his many friends in the academy and beyond in expressing our sincere condolences to his family.

— Ian Burney, on behalf of the Centre for the History of Science, Technology and Medicine, University of Manchester

Request for Nominations for Voting Members on the Tobacco Products Scientific Advisory Committee

The Food and Drug Administration (FDA) is requesting nominations for members to serve

on the Tobacco Products Scientific Advisory Committee, Office of Science, Center for Tobacco Products. FDA seeks to include the views of women and men, members of all racial and ethnic groups, and individuals with and without disabilities on its advisory committees and, therefore encourages nominations of appropriately qualified candidates from these groups.

Nominations received on or before **13 November 2018** will be given first consideration for membership on the Tobacco Products Scientific Advisory Committee. Nominations received after 13 November 2018 will be considered for nomination to the committee as later vacancies occur.

All nominations for membership should be sent electronically by logging into the **FDA Advisory Nomination Portal online** or by mail to Advisory Committee Oversight and Management Staff, Food and Drug Administration, 10903 New Hampshire Ave., Bldg. 32, Rm. 5103, Silver Spring, MD 20993-0002.

For Further Information Contact:

Regarding all nomination questions for membership, the primary contact is: Caryn Cohen, Office of Science, Center for Tobacco Products, Food and Drug Administration, Document Control Center, 10903 New Hampshire Ave., Bldg. 71, Rm. G335, Silver Spring, MD 20993-0002, 1-877-287-1373 (choose option 5), email: TPSAC@fda.hhs.gov.

Information about becoming a member on an FDA advisory committee can also be obtained by visiting FDA's website.

Supplementary Information:

FDA is requesting nominations for voting members on the Tobacco Products Scientific Advisory Committee.

I. General Description of the Committee Duties

The Tobacco Products Scientific Advisory Committee (the Committee) advises the Commissioner of Food and Drugs (the Commissioner) or designee in discharging responsibilities related to the regulation of tobacco products. The Committee reviews and evaluates safety, dependence, and health issues relating to tobacco products and provides appropriate advice, information, and recommendations to the Commissioner.

II. Criteria for Voting Members

The Committee consists of 12 members including the Chair. Members and the Chair are selected by the Commissioner or designee from among individuals knowledgeable in the fields of medicine, medical ethics, science, or technology involving the manufacture, evaluation, or use of tobacco products. Almost all non-Federal members of this committee serve as Special Government Employees. The Committee includes nine technically qualified

News from the Profession, cont.

voting members, selected by the Commissioner or designee. The nine voting members include seven members who are physicians, dentists, scientists, or healthcare professionals practicing in the area of oncology, pulmonology, cardiology, toxicology, pharmacology, addiction, or any other relevant specialty. The nine voting members also include one member who is an officer or employee of a State or local government or of the Federal Government, and one member who is a representative of the general public. Almost all non-Federal members of this committee serve as Special Government Employees. Members will be invited to serve for terms of up to 4 years.

III. Nomination Procedures

Any interested person may nominate one or more qualified individuals for membership on the advisory committee. Self-nominations are also accepted. Nominations must include a current, complete résumé or curriculum vitae for each nominee and a signed copy of the Acknowledgement and Consent form available at the FDA Advisory Nomination Portal (see ADDRESSES). Nominations must also specify the advisory committee for which the nominee is recommended. Nominations must also acknowledge that the nominee is aware of the nomination unless self-nominated. FDA will ask potential candidates to provide detailed information concerning such matters related to financial holdings, employment, and research

grants and/or contracts to permit evaluation of possible sources of conflicts of interest.

This notice is issued under the Federal Advisory Committee Act (5 U.S.C. app. 2) and **21 CFR part 14**, relating to advisory committees.

Dated: September 7, 2018.

Leslie Kux, Associate Commissioner for Policy.

CFP: Special Issue of *Synthese* on the Notion of Reliability

Guest Editors: **Stefano Bonzio** (UnivPM Ancona), **Jürgen Landes** (LMU Munich), and **Barbara Osimani** (UnivPM Ancona)

Current political, social and even scientific debates all hinge upon whether data, inferences and/or belief forming processes are reliable (the replication crisis and fake news are just tips of the iceberg). We are calling for philosophical/methodological contributions which help us through these difficult circumstances.

Given the variety of intertwined problems we are calling for contributions addressing the notion of reliability [broadly construed]. In particular, we are calling for contributions to

- reliability, its uses and models in the sciences and methodologies (e.g., empirical, theoretical, social);

- reliability in the philosophy of the sciences, including, among other approaches, formal epistemology;
- traditional main-stream approaches to reliability;
- reliability and the replication crisis and
- reliable inference.

For further information, please contact the guest editors: stefano.bonzio@gmail.com, juergenlandes@yahoo.de, or barbaraosimani@gmail.com.

The deadline for submissions is **11 November 2018**. Please, **submit your contributions via the editorial manager online**. Make sure to select this SI when selecting an article type.

Baruch S. Blumberg NASA/Library of Congress Chair in Astrobiology

The Kluge Center at the Library of Congress invites applications to the Baruch S. Blumberg NASA/Library of Congress Chair in Astrobiology.

A partnership between NASA's Astrobiology Program and the Library of Congress, the Blumberg Chair, an annually selected position, supports a senior scholar in the sciences or the humanities to take up residence in the Library's John W. Kluge Center and conduct research

News from the Profession, cont.

on the humanistic and societal impacts of astrobiology.

Click here for more information. Application deadline is **1 December 2018**.

Dissertation Abstracts Issues 78-07 A and B

The latest batch of recent doctoral dissertations harvested from the issues 78-07 A and B of [Dissertation Abstracts](#) can be found in the links below. ProQuest has altered how they put out their individual issues. No longer do they correlate to one month, so the dating is more random. Thus titles will range from 2018—yes they have some 2018 dates—back into the 1930s for certain subject areas.

There is one additional aspect to point out about this latest batch of dissertations. ProQuest has begun adding numerous titles from many universities dating back into the 1930s. Not all of these earlier titles come with abstracts, but the entire dissertation should be available for downloading. Also you may find some duplicate titles—ProQuest now has around 30 percent duplicate titles in each issue.

JHMdiss78-07-4444

ISISdiss78-07-4444-ONLY

Pauline Yu to Step Down as ACLS President

August 27, 2018, New York, NY—The American Council of Learned Societies (ACLS) today announced that President Pauline Yu will retire on 30 June 2019 and a search for her successor has been launched.

ACLS Board Chair, Bill Kirby, expressed the Council's profound appreciation for Pauline Yu's 16 years of service: "Pauline is a true Scholar-Official. She has promoted scholarship at the highest level across fields and national boundaries, while reinvigorating our nation's leading organization in support of the humanities. During Pauline's tenure, ACLS more than doubled the number of research fellowships it awards, tripled the dollar value of awards to scholars, and increased its endowment by 110 percent. Under Pauline's leadership, ACLS initiated programs that reach scholars around the world and across the realms of academic disciplines, deepened the public's engagement with scholarship, and established directions for its next century of service to the academy and society. She has presented to audiences at home and abroad on the dynamism of the humanities in addressing contemporary issues. "We on the ACLS Board are deeply grateful for her leadership, and we thank her above all on behalf

of the constellation of scholars, teachers, and (not the least) students who have benefited from her passion to champion and support innovation and scholarship in the humanities."

Pauline Yu became president of the American Council of Learned Societies in July 2003, having served as dean of humanities in the College of Letters and Science at the University of California, Los Angeles and professor of East Asian languages and cultures from 1994-2003. Prior to that appointment, she was founding chair of the Department of East Asian Languages and Literatures at the University of California, Irvine (1989-94) and on the faculty of Columbia University (1985-89) and the University of Minnesota (1976-85). She received her BA in history and literature from Harvard University and her MA and PhD in comparative literature from Stanford University. She is the author or editor of five books and dozens of articles on classical Chinese poetry, literary theory, comparative poetics, and issues in the humanities and has received fellowships from the Guggenheim Foundation, the American Council of Learned Societies, and the National Endowment for the Humanities. She was awarded the Modern Language Association's William Riley Parker Prize for best PMLA article of 2007.

Yu is a fellow of the American Academy of Arts and Sciences and member of the American

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Philosophical Society and The Committee of 100. She serves on the Board of Directors of the Chiang Ching-kuo Foundation for International Scholarly Exchange, The Robert H. N. Ho Family Foundation, the Henry Luce Foundation, and The Teagle Foundation. In addition, she is a trustee of the American Academy of Arts and Sciences, the American Academy in Berlin, and the National Humanities Center. Yu also served on the Harvard University Board of Overseers and the Scholars Council of the Library of Congress's Kluge Center. Yu holds five honorary degrees and is a senior research scholar at Columbia University.

ACLS has engaged the search firm of Storbeck Pimental & Associates to aid in finding ACLS's next president. For more information or to nominate candidates, please see the notice on the [ACLS website under Employment Opportunities](#).

UCSF Archives & Special Collections Awarded \$99,325 LSTA Grant for Textual Data Extraction from Historical Materials on HIV/AIDS

The [Archives and Special Collections department](#) of the University of California,

San Francisco (UCSF) Library is pleased to announce the award of a \$99,325 “Pitch-An-Idea, Local” grant for the first year of a two-year project from the Institute of Museum and Library Services’ (IMLS) Library Services and Technology Act funding administered through the California State Library. The Archives will take the nearly 200,000 pages of textual HIV/AIDS historical materials which have been digitized as part of various digitization projects—including the National Historic Publications and Records Commission (NHPRC)-funded project, “[Evolution of San Francisco’s Response to a Public Health Crisis](#),” and the National Endowment for the Humanities (NEH)-funded project, “[The San Francisco Bay Area’s Response to the AIDS Epidemic](#)”—and will extract unstructured, textual data from these materials using Optical Character Recognition (OCR) and related software. The project team will prepare the text as a research-ready, unstructured textual dataset to be used for digital humanities, computationally driven cultural heritage, and machine learning research inquiries into the history of the HIV/AIDS epidemic.

The 24-month project, entitled “No More Silence—Opening the Data of the HIV/AIDS Epidemic” has commenced as of 1 July 2018. The digitized materials from which text will be extracted include handwritten

correspondence, notebooks, typed reports, and agency records which represent a broad view of the lived experience of the epidemic, including documentation from People with AIDS and their friends, families, and scientists and public health officials working to slow the epidemic. All historical materials represented in this dataset have been previously screened to address privacy concerns. The resulting unstructured, textual dataset will be deposited in the [UC Dash](#) datasharing repository for public access and use by any interested parties, and will also be deposited in other similar data repositories as appropriate. “During my tenure at UCSE,” says health sciences historian and professor in the [Department of Anthropology, History, and Social Medicine](#) at UCSF, Dr. Aimee Medeiros, “I have been inspired by the library’s enthusiasm and dedication to public access and the use of practices in the digital humanities to help maximize access to HIV/AIDS material.” This project will build on that legacy by bringing these valuable historical materials into the realm of digital humanities and scientific research and making them computationally actionable.

Please find a full summary of the project [on our blog](#). We are always interested in hearing from colleagues involved in similar work. For inquiries, contact University Archivist Polina Ilieva or Digital Archivist Charlie Macquarie.

News from the Profession, cont.

UVA Landscape Studies Platform: A Call for Contemporary Bibliographies and Reading Lists for Teaching Landscape History

The Project:

The Landscape Studies Initiative (LSI), led by Beth Meyer and Michael Lee at University of Virginia, is developing an open, public platform for the trans-disciplinary teaching of landscape history. The Mellon Foundation-funded LSI takes Elizabeth Barlow Rogers' *Landscape Design: A Cultural and Architectural History* (Abrams 2002) as an underlying armature and embraces the digital connection of fieldwork, period documents, and enlarged secondary sources. As a teaching tool, the Landscape Studies platform will enable students' discovery of novel trajectories, voices, and perspectives, as manifest in the creation, maintenance, and lived experience of cultural landscapes.

The Call:

At this early stage in a multi-year project, we seek future collaborators and partners. In particular, we invite contributors to submit reading lists and topical bibliographies that will expand and update the references of *Landscape Design*. We welcome reading lists from courses taught in a variety of disciplines—including cultural geography, STS,

cultural landscape studies, environmental history, and design history—to assist the Initiative in expanding secondary sources and incorporating recent approaches. This includes books and articles that investigate landscape in light of the cultural and spatial turn, critical visual and media studies, post-colonial and post-structural readings, and the enlarged socio-material intensities and anthropocene networks theorized in political ecology and the history of science.

For initial platform testing, the LSI team is developing pilot courses focused on landscapes and modernization across the long 18th and 19th centuries, examining the feedback between design and shifting cultural habits, socio-technical systems, and territorial frameworks. This includes considering processes of professionalization, industrialization, urbanization, agricultural rationalization, and imperial expansion, as well as the rise of capitalist (labor) markets and nation-states, with their broad bureaucratic and civic institutions. Reading lists that focus on this period are welcome; we especially encourage submission of bibliographies that develop a critical and reflective relationship between contemporary crises and their longer genealogical manifestation in designed and managed landscapes.

All contributors will be credited on the LSI Platform, with their entries including contributing researcher/educator and past

course context (aside subject and landscape-specific tags). Students will be able to search the platform's resources through these curated and topical clusters as well as collate their own, inquiry-driven materials.

Submission Details:

Instructions for Contributors:

Reading list submissions will be accepted on an on-going basis. Contributors interested in submitting are encouraged to send an email to the LSI Box account: **Syllabi.kayhs0y2fy3hqxmy@u.box.com**. Please note your topical/period focus in your email title, formatted as follows: 'Landscape Studies Bibliographic Updates: [your topical focus]'. Attached to the email, please include your contact information and a short abstract (150 words max.) saved as a word doc. In the abstract, please describe the focus of the reading list, the initial context of use (research, undergraduate or graduate teaching, etc.), and key methods or approaches exemplified in the texts. All reading lists should be attached as a second, separate document, formatted (preferably) as a Zotero export or a doc/pdf bibliography with Chicago-style entries. See formatting notes below for more information.

Confirmation of receipt and incorporation (or redundancy) will be provided within six weeks. At

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that point, contributors will be asked to confirm their role in collecting the initial materials and their agreement to open posting, with citation of their curating role; availability of internally linked materials—article copies or book pdfs—will be subject to copyright restrictions.

Contributors will also be sent links to the Landscape Studies' aggregated, digital bibliography and incorporated in a mailing list, for announcements on platform progress, launch dates, beta testing and course development opportunities.

Preferred digital format for reading lists and bibliographies:

Zotero collections, with notes and without files, exported as 'Zotero RDF'. Annotations to reading lists can be submitted as notes on applicable records.

Secondary format (it is strongly encouraged to use preferred format):

Word documents (DOC or DOCX) or Adobe Acrobat files (PDF) with Chicago-style bibliography entries.

Addresses for submissions:

LSI Box: Syllabi.kayhs0y2fy3hqxmy@u.box.com

More general info and contacts for the project can be found here: [Landscape Studies Initiative](#).

NEH Announces \$43.1 Million for 218 Humanities Projects Nationwide

Grant awards support cultural infrastructure, humanities research, exhibitions, documentaries, education programs for teachers, and the preservation of historic collections.

WASHINGTON, D.C. (8 August 2018) — The National Endowment for the Humanities (NEH) today **announced** \$43.1 million in awards for **218 humanities projects** across the country. The grants include the first awards made under NEH's new **Infrastructure and Capacity-Building Challenge Grant** program, which will support infrastructure projects at 29 U.S. cultural institutions in 20 states and the District of Columbia.

This round of funding, NEH's third and last for fiscal year 2018, will support vital research, education, preservation, and public programs in the humanities. These peer-reviewed grants were awarded in addition to \$47 million in annual operating support provided to the national network of state and local humanities councils during fiscal year 2018.

“From nationally broadcast documentaries to summer workshops for high school teachers, the projects receiving funding today strengthen

and sustain the cultural life of our nation and its citizens,” said NEH Chairman Jon Parrish Peede.

Infrastructure grants include funding to construct a new arts and culture hub in downtown Juneau, Alaska, and to provide conservation services and training for staff of libraries at Historically Black Colleges and Universities to strengthen stewardship of special collections documenting the African-American experience.

In addition to providing for construction and capacity-building projects at museums, libraries, and colleges, NEH grants support a wide range of public programs that bring humanities ideas, experiences, and resources to communities large and small. Grants include funding for the reinstallation of a permanent gallery of early American art at the Philadelphia Museum of Art, as well as support for feature-length documentaries on the life and civil rights legacy of singer Marian Anderson and on the literary career and cultural impact of Laura Ingalls Wilder.

Other grants announced today advance scholarship and discovery in the fields of history, literature, linguistics, art history, and comparative religion. Archaeological excavation of an abandoned settlement in Western Anatolia will answer important questions about the transition from Greek to Roman rule in the

News from the Profession, cont.

ancient world. A project to develop software to identify and analyze archival materials in multiple indigenous languages will enable Native American communities such as the Miami Tribe of Oklahoma to revitalize languages close to extinction.

NEH Public Scholar grants, which support popular nonfiction books in the humanities, will enable publication of: a comprehensive biography of Teddy Roosevelt by Pulitzer Prize-winning author T. J. Stiles; a history of a clandestine Nazi resistance group that attempted to dismantle the Third Reich from within; and a book on a 1939 Picasso exhibition at the MoMA as a turning point in American culture. Grants for scholarly editions and translations of significant humanities texts include continued NEH-supported work on the papers of Andrew Jackson, a documentary history of the adoption of the Bill of Rights, and a digital edition of the complete correspondence of Willa Cather.

Several projects receiving grant awards will help preserve archival collections of historical and cultural importance. These include history of science collections at the American Institute of Physics' Niels Bohr Library and Archives, objects and art documenting the life of Emily Dickinson at The Evergreens historic house museum, and records from the Adirondack Historical Association of the region's Native American

history, settlement, and development of local logging, mining, and tourism industries.

Forty-five institutions received grants to support professional development for K-12 and college teachers through summer workshops and institutes on humanities topics such as: the Great Sioux War and the Battle of Little Bighorn; American women's experience of the Revolutionary War and Civil War; and the history of the transcontinental railroad.

A full list of grants by geographic location is available here.

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National Endowment for the Humanities:

Created in 1965 as an independent federal agency, the National Endowment for the Humanities supports research and learning in history, literature, philosophy, and other areas of the humanities by funding selected, peer-reviewed proposals from around the nation. Additional information about the National Endowment for the Humanities and its grant programs is available at: www.neh.gov.

Thomas Radford Medical Illustration Collection

The John Rylands Library in Manchester recently posted a blog about the completion of a project to catalog its medical archives. **A final blog**

post about the collection describes the medical illustrations of the early 19th century obstetrician Thomas Radford.

The Eugenics Crusade on PBS

by Dan Kevles

Mark your calendars to tune into PBS on Tuesday, 16 October 2018, 9 to 11 p.m., EST, to see the premiere of "The Eugenics Crusade," a riveting program in the *American Experience* series, written and directed by Michelle Ferrari whose credits include much-admired documentaries on Rachel Carson, Margaret Sanger, and—an Emmy winner—Seabiscuit. I had the pleasure of working with Michelle as a consultant on the project and to offer on-camera commentary on its subject in the company of Adam Cohen, Nathaniel Comfort, Wendy Kline, Thomas C. Leonard, Paul Lombardo, Siddhartha Mukherjee, Alondra Nelson, Christine Rosen, Jonathan Spiro, Alexandra Minna Stern, and Keith Wailoo.

Help Graduate Students Attend the Annual AHA Meeting

The AHA is committed to making the 2019 annual meeting in Chicago (January 3-6) both informative and affordable for graduate

News from the Profession, cont.

students at all stages. The members of the AHA Council have pledged to match all donations to the **Annual Meeting Travel Fund** up to \$7,000. **Please donate today.** All contributions received by **November 1** will be counted toward the matching challenge. Registration for the conference is now open.

2018 AHA Election Results

AHA members elected Mary Lindemann (University of Miami) as the next president-elect in the 2018 balloting for officers and committee members of the American Historical Association. Visit *Perspectives Daily* to see the **full list** of historians who will begin serving in January 2019.

Latest Issue of the *International Society for the History of Medicine (ISHM) Newsletter* Now Available

Besides news about members and affiliated societies; lists of recent publications, forthcoming conferences, and calls for papers; you will also find updates and the program of the 46th ISHM Congress, which took place on 3-7 September 2018 in Lisbon. **You will find the current, as well as past issues of the Newsletter, here.**

Emanuela Appetiti, Editor

New Book Series: *Activist Studies of Science and Technology*

Activist Studies of Science and Technology

This series, from University of Massachusetts Press, will publish accessible, engaging books on science and technology in support of movements for justice and sustainability around the world. We seek submissions by scholars from a wide range of disciplines internationally and are especially interested in publishing:

- Historical and social science research on social and political activism in science, technology, and/or medicine and on the impact of new technologies on activism
- Critical histories of science, technology, or medicine that aid in understanding issues of current political relevance
- Applications of STS (science and technology studies) theory to support social movements and/or to reconstruct technoscience along activist lines
- Critical studies in the political economy of science, technology, and/or medicine
- Biographies, oral histories, and memoirs of activist scientists

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AAAS' Next Steps After SCOTUS Travel Ban Warning

**Read the full article here.*

By Mark Athitakis | 9 July 2018

Following the Supreme Court's decision to uphold the White House's travel ban, the American Association for the Advancement of Science is focused on collaboration and data-gathering.

On June 26, the **U.S. Supreme Court ruled** that the White House's ban on travel from seven predominantly Muslim countries was constitutional. The decision was a blow for the American Association for the Advancement of Science, which had vocally opposed the multiple versions of the ban that President Trump has supported.

"We are disappointed that the Supreme Court has decided to uphold the Trump administration's travel ban," said AAAS CEO Rush Holt in **a statement in response to last week's ruling** [PDF]. "Recent White House statements and visa policies are discouraging many of the best and brightest international students, scholars, and scientists from choosing the United States to study and work. Scientific progress depends on openness, transparency, and the free flow of ideas; these principles have helped the United States

to attract and richly benefit from international scientific talent."

Since the Trump administration began its efforts to implement a travel ban in early 2017, AAAS had taken the lead in arguing how the travel ban would stifle that flow of scientific ideas. Last fall, it delivered a letter to the White House that was **signed by more than 180 fellow scientific associations**. And, anecdotally, the travel ban has stifled travel among international scientists: Last year, for instance, the *Washington Post* reported that a Sudanese electrical engineer **would not be able to accept an award at an AAAS conference** as the ban made its way through the courts.

With the travel ban now ratified as constitutional, the organization's new goal is to better quantify the ban's impact on the scientific community, according to AAAS Director of Government Relations Joanne Padrón Carney.

"The first step is gathering the data," Carney said. "We are a science organization, after all."

Conference attendance is one metric that AAAS will look at. Another is the number of student visas for foreign students looking to attend American universities—a **number that's declining**, according to a recent report in *Nature*.

"Will we see further boycotts of conferences being held here in the United States, or just

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boycotts of individuals choosing not to come to the United States to attend a conference? We'll monitor that," Carney said. "We will continue to monitor and gather data on the impacts in terms of applications and admissions at U.S. universities. And then, with that information, we'll look at our options. Are we able to develop a set of concrete recommendations that we may be able to present to the Department of State or Department of Homeland Security?"

In the meantime, Carney said AAAS intends to keep collaborating with other associations to speak out collectively as the need arises. "We will continue to work with the broader scientific and engineering community and speak with one voice to the extent possible," she said. "They are very eager to continue to be engaged on this matter. They are not walking away from this."

Every Historian Counts: A New AHA Database Analyzes Careers for PhDs

**Read the full article here.*

By Emily Swafford and Dylan Ruediger | 9 July 2018

Worries about employment opportunities for history PhDs are not new. Much ink has been spilled, often in the **AHA's own publications**, bemoaning declining career prospects (read:

tenure-track jobs) for history PhDs and auguring ill for the discipline. Moreover, it's long been clear to the AHA that addressing the concerns of new and recent PhDs is imperative for all of us, not just professionally but ethically. After years of graduate study, often accompanied by opportunity and financial costs, new PhDs should not feel they must choose between the values that brought them to doctoral programs and reasonable compensation.

As historians, we know that context matters and that transparency in evidence lends nuance to any conversation. And often transparency requires data, publicly accessible and clearly presented. Until relatively recently, many graduate programs declined to track where their alumni ended up. Those that did often counted only those who secured academic employment, compounding the invisibility of careers outside the professoriate and reinforcing the idea that PhDs who did not become professors were failures. Though this perception is changing, it persists in our community, not only among students but among faculty, who are responsible for making sure they earn their degrees in the first place. Keeping track only of those graduates "placed" into academic careers is akin to saying the others don't count.

This is where the AHA is poised to help. We don't control the number of academic jobs posted or

the number of PhDs awarded. But we do believe that every person with a history PhD *counts*, no matter what career path they follow.

Today, we're releasing the final version of **Where Historians Work**, an interactive database that shows current employment data for *all* history PhDs earned in 2004-13—more than 8,500 of them—from every PhD-granting program in the United States. Where Historians Work allows users to see broad trends in PhD employment and to assess how such factors as gender, field of study, and degree-granting institution influence career outcomes. This tool helps answer long-standing questions about the discipline and, we hope, will prompt new conversations about where historical work happens, what it means to "do" history, and ultimately what it means to be a historian.

Where Historians Work is now the fullest picture of PhD careers in any discipline and attests to the wide variety of careers historians settle in to—on and off the tenure track, within and beyond the professoriate. The database's interactive features allow users to talk about both the wide "diaspora" of historians and the minute patterns that shape individual stories. We hope to hear about users' discoveries, but we also want to share a few of our own findings.

News from the Profession, cont.

When You Earned Your Degree Is Important

It's well known that the onset of the Great Recession in 2008 was disastrous for the academic job market, but its full effects on the career paths of history PhDs have been unclear. The 10-year cohort represented in *Where Historians Work* is split evenly by the Great Recession, which we can now see significantly changed the landscape of academic employment. Before and after the recession, roughly the same percentage of PhDs found work as faculty, but the academic jobs for those who graduated after 2008 were more likely to be off the tenure track. In 2017, when we gathered our data, about 55 percent of the 2004–08 cohort were working on the tenure track (at both 4-year and 2-year schools), and about 12 percent were in non-tenure-track jobs. But for those earning their degrees in 2009–13, about 46 percent were working on the tenure track, while about 20 percent were in non-tenure-track jobs. This long-term trend highlights the importance of advocating for stable, well-compensated employment for non-tenure-track historians in addition to pushing for the creation of tenure-track lines.

But So Is Your Program

Where Historians Work allows users to select single or multiple departments to compare

the broad employment outcomes of programs' graduates over time. It is no revelation that graduates of certain institutions stand a greater chance of finding tenure-track positions, particularly at research universities, but employment rates across sectors vary by department, too. These findings confirm previous research from the AHA (in [The Many Careers of History PhDs](#)) and [additional studies](#). But *Where Historians Work* also lets users explore the career paths of graduates of particular PhD programs. This level of detail is granular enough to let students and faculty in specific departments define success by metrics appropriate to a program's purpose and goals, but it also creates a holistic picture of what history PhDs actually do. These data encourage transparency in our discipline on many scales: among departments, within departments, even between students and advisers.

Women Have Achieved Parity—In Numbers

The data in *Where Historians Work* show that gender has surprisingly little impact on broad patterns of career outcomes for historians with PhDs. Anecdotal evidence has long posited that women are more likely to be shunted out of the professoriate or into non-tenure-track positions, but *Where Historians Work* suggests otherwise. In the entire data set, PhDs were employed

beyond the professoriate at a rate of 23.4 percent, on the tenure track at 50.8 percent, and in non-tenure-track positions at 16.2 percent. For women, those rates were 24.4 percent, 50.6 percent, and 15.3 percent, respectively. For men, the rates were 22.7 percent, 50.9 percent, and 16.8 percent. Additionally, gender seems to make a negligible impact on employment outside the professoriate. Employment rates in the nonprofit, government, private, and higher education administrative sectors show almost no variation by gender.

This does not mean that gender plays no role in the professional experiences of women. Such issues as compensation, tenure decisions, sexual harassment, parental leave policies, and more subtle forms of discrimination held back women historians for years before #MeToo and certainly will continue to do so as long as the status quo holds. But across sectors in our data set, men and women secured their positions at approximately the same rates. Parity may yet lead to equity.

Field Specialization Matters

As the AHA encourages PhDs to consider a broad range of careers, we often hear that there are fewer options beyond the academy for historians who don't specialize in the United States (or a few other fields). Superficially, the data seem to indicate that there are many more jobs beyond

News from the Profession, cont.

the professoriate for Americanists: 28 percent of US historians (and 26 percent of historians of science) work outside the academy, compared to just 10 percent of historians of the Middle East or Asia, and 13 percent of Africanists. These numbers, however, are closely tied to how many tenure-track jobs are available in different fields: approximately 7 in 10 historians specializing in the Middle East, Asia, or Africa are employed in tenure-track positions at 4-year institutions, compared to only 4 in 10 US historians. This suggests that field of study made a difference in tenure-track prospects in 2004–13 and that far fewer historians in these fields decided to pursue other opportunities.

Faculty Jobs Vary

Job candidates are supposed to tailor cover letters to fit an institution, not just because institutions differ but because the jobs do, too. In like fashion, *Where Historians Work* emphasizes that jobs within the professoriate are highly varied. Like all the other jobs cataloged in *Where Historians Work*, the graduates of different programs find jobs teaching at different rates.

Despite ongoing erosions in academic hiring, two-thirds of history PhDs become faculty at postsecondary institutions. Yet less than 20 percent of them work on the tenure track at R1 universities, the job most have been prepared

to do—and to want. *Where Historians Work*, however, shows that most faculty work at institutions that have teaching, not research, as their core mission. If one purpose of history PhD programs is to prepare future generations of faculty, our data suggests that learning to teach ought to be an essential component of graduate education; learning to think of oneself as being a teacher is important as well.

PhDs Have Agency, Too

Where Historians Work documents outcomes but nevertheless raises important questions about the motivations of the 8,515 individuals who compose the data set. One of the best ways to see this is through the geographical dispersion of history PhDs. Nationally, history PhDs are distributed in roughly the same way as the rest of the population. Yet graduates of many programs remain clustered in the cities or regions where they earned their degree, while other programs' graduates seem to scatter. *Where Historians Work* cannot tell us why this is so, but it suggests that students make decisions about which doctoral programs to attend and which job markets to enter based on factors that may include regional or family ties. Geographical data may also indicate that today's PhDs are not necessarily heeding the “be ready to move anywhere” dictum and are instead making decisions based at least in part on where they want to live.

Conclusions

Where Historians Work tells many stories. In addition to the clear decline of tenure-track job lines, it provides evidence that there are, in fact, many doors open to historians. These stories are familiar ones, but we can now see them in the context of national data and in relation to the smaller-scale stories that programs, people, and professions have to tell.

Seeking quantitative data on the career landscape of history PhDs signals a commitment to the importance of rigorous historical thinking. The AHA is dedicated to the promotion of history and historical thinking in all areas of life, including the discipline in all its forms and historians in all their variety. Now that we can enumerate a fuller array of outcomes, we should be able to ask better questions about how *all* PhDs are prepared for the work they will do.

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News from the Profession, cont.

Father of Modern Oceanography Honored by UNESCO's Intergovernmental Oceanographic Commission

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Paris, 28 June — Walter Munk, a giant of modern oceanography, delivered the Roger Revelle Memorial Lecture during the Executive Council of UNESCO's Intergovernmental Oceanographic Commission (IOC) at UNESCO's Headquarters on 5 July.

In his lecture, the 100-year-old scientist, described by the *New York Times* as “the Einstein of Oceanography,” shared his unique perspective on the evolution of oceanography over the past eight decades.

“It is an honour for UNESCO to receive Professor Munk and benefit from his insights into the great progress of oceanography and how much further it can go in contributing to the safeguarding of our shared ocean and the construction of a more sustainable world,” said Audrey Azoulay, the Director-General of UNESCO. The IOC Executive Council will present Walter Munk with the UNESCO Roger Revelle Medal, which, like the memorial lecture itself, is named after Roger Revelle (USA, 1909-

1991), a pioneering researcher into, among other subjects, anthropogenic global warming.

Born in Austria in 1917, Walter Munk, has been a physical oceanographer and geophysicist with the Scripps Institution of Oceanography (USA) since 1939. Over a long life of scientific inquiry, Munk has made decisive contributions to our understanding of ocean currents, tides and deep-ocean mixing, tsunamis and seismic waves, as well as the rotation of the Earth.

At Scripps, he was among the founders of the Institute of Geophysics in 1962 and in 2015 he cofounded the Scripps Center for Marine Archaeology with Damien Leloup.

Each year, the IOC's Executive Council reviews the Intergovernmental Commission's work and prepares the General Assembly of the IOC's 149 Member States. This year, the Council will notably focus on preparations for the UN Decade of Ocean Science for Sustainable Development (2021-2030).

2018 BSHS Pickstone Prize

The **British Society for the History of Science (BSHS) Pickstone Prize** celebrates the best scholarly work in the history of science and medicine in English. The BSHS is delighted to announce the 2018 winner is Michael

Wintroub, *The Voyage of Thought: Navigating Knowledge across the Sixteenth-Century World* (Cambridge: Cambridge University Press, 2017). The book takes its readers on a French mission to carve out an empire in the Indies and conducts them through the oceans of 16th-century thought.

The second prize has been jointly awarded to Paola Bertucci for *Artisanal Enlightenment: Science and the Mechanical Arts in Old Regime France* (New Haven: Yale University Press, 2018) and Rohan Deb Roy for *Malarial Subjects: Empire, Medicine and Nonhumans in British India, 1820–1909* (Cambridge: Cambridge University Press, 2017).

These books were chosen from among five shortlisted books, which represent exciting new advances in understanding and interpreting science's past. They are:

Bertucci's *Artisanal Enlightenment*, which reconsiders the role of learned artisans, placing them at the heart of the French Enlightenment.

Surekha Davies, *Renaissance Ethnography and the Invention of Humans: New Worlds, Maps and Monsters* (Cambridge: Cambridge University Press, 2016). Reveals how cannibalism was cooked up by Europeans as a way of defining the ‘strangeness’ of people in Brazil.

News from the Profession, cont.

Deb Roy's *Malarial Subjects*, which ambitiously interweaves the histories of malaria and cinchona (used for quinine) to show how knowledge and practices became 'global.'

Jutta Schickore, *About Method: Experimenters, Snake Venom, and the History of Writing Scientifically* (Chicago: University of Chicago Press, 2017). Uncovers the weird and wonderful experiments conducted to understand the power and action of snake venom.

The BSHS Pickstone Prize is awarded every two years, and reflects the Society's mission to promote excellence in the history of science, technology, and medicine. The prize was established to honor the late historian of science Professor John Pickstone (1944-2014).

The judging panel for the 2018 Pickstone Prize was chaired by Dr. Tim Boon (Head of Research and Public History, Science Museum). It included Dr. Patricia Fara (University of Cambridge), Professor Charlotte Sleight (University of Kent and Editor of the *British Journal for the History of Science*) and Dr. Elizabeth Haines (University of Bristol).

The value of the Pickstone Prize is £300. The winner will be asked to give a presentation, sponsored by the BSHS, on the subject of their book.

The longlist can be read here.

Prof. Michael Mizell Remembered in Lecture Series

Garland E. Allen delivered the Second Annual Michael Mizell Memorial Public History Lecture on May 18 at the Marine Biological Laboratory (MBL) in Woods Hole, MA. The topic was "Strange Bedfellows? Eugenics and the Environmental Conservation Movements in Early Twentieth Century America." Michael Mizell was an Associate Professor of History at the University of New Orleans who, as a public historian, sought to document and display histories of the lives of everyday people. Among other projects, he developed a website presenting the reaction of many New Orleans residents to the effects of Hurricane Katrina. At the time of his premature death from cancer, he was starting to work with the MBL History Project documenting the public controversy over development of a leper colony on Penikese Island, off the coast of Woods Hole. Penikese had been the site of Louis Agassiz's Anderson School of Biology in 1871-1873, an ambitious program to introduce high school biology teachers to direct experience with marine organisms and habitats. Cut short by Agassiz's death in 1872, the facility was eventually transformed into a Leper Colony. In the meantime, however, biologists such as Charles Otis Whitman from

the University of Chicago, who had attended the Anderson School, recognized Woods Hole as an outstanding location for collecting and studying a wide variety of marine flora and fauna. It was this experience that brought Whitman to found the Marine Biological Laboratory in Woods Hole in 1888. Michael Mizell is the son of MBL research scientist Merle Mizell and spent the summers growing up in Woods Hole; thus the lecture series commemorates Michael's special connection to the Laboratory and the larger Woods Hole community.

DHST Young Scholar Prize

The International Union of the History and Philosophy of Science and Technology, Division of History of Science and Technology (IUHPST/DHST) invites submissions for the DHST Prize for Young Scholars, to be presented in 2021. Initiated at the 22nd International Congress of History of Science in 2005 held in Beijing, the DHST Young Scholar Prize is now awarded by the IUHPST/DHST every two years.

Up to three awards for recent PhD historians of science and technology will be awarded to recognize outstanding doctoral dissertations completed and filed between 1 September 2016 and 1 September 2018. See: <http://dhstweb.org/awards/youngscholarsprize>