

Alex Wellerstein

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Employment

- 2014– STEVENS INSTITUTE OF TECHNOLOGY
Assistant Professor, Program in Science and Technology Studies, College of Arts and Letters.
- 2011–2014 AMERICAN INSTITUTE OF PHYSICS
Associate Historian, Center for History of Physics / Niels Bohr Library & Archives.
- Spring 2014 GEORGETOWN UNIVERSITY
Lecturer, Department of History.
- Spring 2011 HARVARD UNIVERSITY
Lecturer, Department of the History of Science.
- 2010–2011 HARVARD KENNEDY SCHOOL OF GOVERNMENT
Research Fellow, Project on Managing the Atom/International Security Program, Belfer Center for Science and International Affairs.

Education

- 2004–2010 HARVARD UNIVERSITY
Ph.D., History of Science.
- Dissertation: *Knowledge and the Bomb: Nuclear Secrecy in the United States, 1939–2008*.
Committee: Peter Galison, Sheila Jasanoff, Mario Biagioli, David Kaiser (MIT).
- Generals fields and exams. Fall 2006.
History of the modern physical sciences (Peter Galison)
Science, politics, and STS (Sheila Jasanoff)
Modern biology and society (Sarah Jansen)
Modern United States history (Ernest May)
- Language qualifications: German, Russian.
- 1999–2002 UNIVERSITY OF CALIFORNIA, BERKELEY
B.A., High Honors, History (emphasis in History of Science).

Publications

Book

Restricted Data: Nuclear Secrecy in the United States (Chicago: University of Chicago Press, forthcoming).

Articles

“Patenting the Bomb: Nuclear Weapons, Intellectual Property, and Technological Control,” *Isis* 99, no. 1 (March 2008): 57-87. Reprinted in David Kaiser and Sally Gregory Kohlstedt, eds., *Science and the American Century: Perspectives on Science, Technology, and Medicine (Readings from Isis)*, (Chicago: University of Chicago Press, forthcoming).

“Inside the Atomic Patent Office,” *Bulletin of the Atomic Scientists* 64, no. 2 (May/June 2008): 26-31, 60-61.

“From Classified to Commonplace: The Trajectory of the Hydrogen Bomb ‘Secret,’” *Endeavour* 32, no. 2 (June 2008): 47-52.

“Die geheimen Patente – eine andere Sicht auf die Atombombe,” in *Atombilder: Ikonographien des Atoms in Wissenschaft und Öffentlichkeit des 20. Jahrhunderts*, ed. Jochen Hennig and Charlotte Bigg (Berlin: Wallstein Verlag, 2009): 159-167.

“States of Eugenics: Institutions and the Practices of Compulsory Sterilization in California,” in Sheila Jasanoff, ed., *Reframing Rights: Bioconstitutionalism in the Genetic Age* (Cambridge, Mass.: MIT Press, 2011): 29-58.

“So Long, Mom, I’m Off to Drop the Bomb: A Case Study in Public Usage of an Educational Tool,” *WMD Junction* (3 May 2012), online:
http://wmdjunction.com/120503_nukemap_educational_tool.htm

“Nuclear bomb” and “Nuclear proliferation,” in *Encyclopedia of Military Science*, ed. G. Kurt Piehler (SAGE Publications, 2013).

“A Tale of Openness and Secrecy: The Philadelphia Story,” *Physics Today* 65, no. 5 (May 2012), 47-53.

“Bomb Appétit!” *Lucky Peach* no. 6 (Winter 2013), 144.

“We Don’t Need Another Manhattan Project,” *Public Interest Report* (Federation of American Scientists) 66, no. 4 (Fall 2013), online: <http://blogs.fas.org/pir/2013/11/dont-need-another-manhattan-project/>

“Interactive Map Shows Impact of WWII Firebombing of Japan, If It Had Happened on U.S. Soil,” *Slate: The Vault* (13 March 2014), online:

http://www.slate.com/blogs/the_vault/2014/03/13/map_interactive_visualizing_firebomb_damage_done_to_japan_during_wwii_through.html

“Atomic bomb” and “Hydrogen bomb,” in *Discoveries in Modern Science: Exploration, Invention, Technology*, ed. James Trefil (Macmillan, 2015).

(with Hanna Rose Shell), “Technologist-Historian: Data Visualization Meets the Archive,” *Technology and Culture* 56, no. 1 (2015), 204-208.

“The First Light of Trinity,” *New Yorker online* (16 July 2015):
<http://www.newyorker.com/tech/elements/the-first-light-of-the-trinity-atomic-test>

“Nagasaki: The Last Bomb,” *New Yorker online* (7 August 2015):
<http://www.newyorker.com/tech/elements/nagasaki-the-last-bomb>

“What options were there for the United States regarding the atomic bomb in 1945?,” *Aeon Ideas* (31 July 2015): <https://ideas.aeon.co/viewpoints/alex-wellerstein-on-what-options-were-there-for-the-united-states-regarding-the-atomic-bomb-in-1945>

“Five ways that nuclear weapons could still be used,” *The Guardian* (6 August 2015):
<http://www.theguardian.com/commentisfree/2015/aug/06/nuclear-weapons-70-years-bombing-hiroshima-war>

“A hydrogen bomb by any other name,” *New Yorker online* (8 January 2016):
<http://www.newyorker.com/tech/elements/a-hydrogen-bomb-by-any-other-name>

Selected reviews

“State Secrets [review of Kristie Macrakis’ *Seduced by Secrets*]; *Endeavour* 32, no. 4 (2008), 123-124.

“Our Special Bomb [review of Michael Gordin’s *Five Days in August*],” *Endeavour* 33, no. 2 (2009), 44-45.

Review of J. Samuel Walker, *The Road to Yucca Mountain*; *Isis* 101, no. 4 (December 2010), 928-929.

“Contingencies of the Early Nuclear Arms Race [review of Michael Gordin’s *Red Cloud at Dawn*],” with S.S. Schweber, *Metascience* 20, no. 3 (2011): 443-465.

Review of Matthew Kroenig, *Exporting the Bomb*; *Marine Corps University Journal* 3, no. 1 (Spring 2012): 106-108.

“Nuclear Others [essay review of Gabrielle Hecht’s *Being Nuclear*],” *Historical Studies in the Natural Sciences* 42, no. 3 (2012), 235-245.

“Heterodoxy and its Discontents,” review of Michael Gordin, *The Pseudoscience Wars*, *Science* 338 (12 October 2012), 194-195.

Article review of Sean Malloy, “A Very Pleasant Way to Die’: Radiation Effects and the Decision to Use the Atomic Bomb against Japan,” *H-Diplo Article Reviews* 371 (17 October 2012).

Review of Brian Balmer, *Secrecy and Science: A Historical Sociology of Biological and Chemical Warfare*, *Isis* 104, no. 4 (December 2013), 863-864.

Review of B. Cameron Reed, *The History and Science of the Manhattan Project*, *American Journal of Physics* 82, no. 9 (September 2014), 914.

“Physicist. Defector. Spy? [review of Frank Close’s *Half-Life*]” *Science* 347, no. 6224 (2015): 833.

“Cult of the machine [review of Michael Hiltzick’s *Big Science*],” *Science* 349, no. 6252 (2015): 1062-1063.

“The race that wasn’t [review of Graham Farmelo’s *Churchill’s Bomb*],” *The Nonproliferation Review* 22, no. 1 (2015): 93-97.

Selected talks and presentations

2015

“Clean, Limitless, Classified: The Secret Histories of Laser Fusion.” Global Technology, Global Impacts Conference, American Institute of Physics, College Park, MD, March 2014.
Invited talk, New York City History of Science Consortium, Columbia University, New York, NY, October 2014. l’Institut des Sciences de la Communication du CNRS (ISCC), Université Sorbonne, Paris, France, December 2015.

“Digital Exposure and Academic Expertise.” History of Science Society (HSS) Annual Meeting, San Francisco, CA, November 2015.

Panel participant, “Roundtable: H.O.T. Goes Pop! Histories of Technology in the Public Eye.” Society for the History of Technology (SHOT) Annual Meeting, Albuquerque, NM, October 2015.

Invited commentator on a performance of Michael Frayn’s *Copenhagen*, Central Square Theatre, Somerville, MA, October 2015.

“Kyoto and Kokura: What the Spared Targets of 1945 Tell Us About Hiroshima and Nagasaki.” Invited talk, “Nuclear Legacies: A Global Look at the 70th Anniversary of the Hiroshima Bombing,” Princeton University, September 2015.

"The Possibility of Much Bigger Bangs: U.S. Official Interest in 'Very High Yield' Nuclear Weapons, 1942-1963." Reppy Institute Seminar, Cornell University, September 2015. Colloquium, Department for the History of Science and Technology, Johns Hopkins University, September 2015. STS Fellows talk, Harvard Kennedy School, October 2015.

"Nuclear History 101: The Past, Present, and Future of the Bomb," at the 6th Annual Generation Prague Conference (July 2015), hosted by the US Department of State and George Washington University, at the State Department, Washington, DC.

"The Manhattan Project: A Crucible for Innovation," at Manhattan Project 70th Anniversary Symposium (June 2015), hosted by the Atomic Heritage Foundation, at Carnegie Institute for Science, Washington, DC.

"Addressing the data gap: What digital tools do archival historians need, and how can we get them?," History of Data/Data in History invited conference (April 2015), Heyman Center for the Humanities, Columbia University.

"What would Happen if a Nuclear Weapon went off in New York?" (April 2015), Department of History, Upper School, Horace Mann School, Bronx, NY.

Colloquium, Pre-circulated paper: "Gagging the H-bomb," (March 2015), Department of History, University of New Mexico, Albuquerque, NM.

"Atomic Misconception: How the Debate over Kyoto Affected Truman's Understanding of Hiroshima," (March 2015), CAL Humanities Forum, Stevens Institute of Technology.

"The Practices of Secrecy: A Phenomenological Approach to Information Control Regimes," East Coast Sociological Society Annual Meeting (March 2015), New York, NY.

"Personalizing the Bomb," at The Dynamics of Possible Nuclear Extinction (March 2015), at The New York Academy of Medicine (included panel discussion with Noam Chomsky and Hugh Gusterson).

2014

Colloquium, "Digitizing the Bomb: Experiments with Nuclear History, Science, and Pedagogy," (November 2014), School of History, Technology, and Society, Georgia Tech, Atlanta, GA.

Chair, "Workshop: Digital and Computational History of Science: Tools, Platforms, Networks, and Corpora," History of Science Society Annual Meeting (November 2014), Chicago, IL.

“Martian Dialogues: Leo Szilard, Edward Teller, and the Question of Nuclear Weapons.”
Invited talk, Montclair State University, October 2014.

“John Wheeler’s H-bomb Blues: Secrecy, History, and a Missing Document in the High Cold War.” Colloquium, Gallatin School, NYU, November 2012; Colloquium, Physics Department, Catholic University of America, January 2013. NASA Goddard Space Flight Center, Greenbelt, MD, April 2014.

2013

“The Role of Europe in American Nuclear Secrecy.” Cold War Science Workshop, Lorentz Center, Leiden, the Netherlands, December 2013.

“There is No Mystery about Producing a 50 Megaton Bomb’: Very High-Yield Nuclear Weapons and the Limited Test Ban Treaty.” History of Science Society Annual Meeting, Boston, MA, November 2013.

“Personalizing the Nuclear World,” Invited Panelist, Workshop on Nuclear Issues Education, Stevens Institute of Technology, November 2013.

“Getting to Know the Bomb: Experiments the Public Understanding of Nuclear Weapons.” Invited talk, Center for Nonproliferation Studies, Monterey Institute of International Studies, Monterey, CA, March 2013; Colloquium, Program on Science and Global Security, Princeton University, November 2013.

Panelist, “Power and Promise: What’s Become of Our Nuclear Golden Age?” Chemical Heritage Foundation, September 2013.

Invited panelist, “Transforming the Relationship Between Science and Society: The Manhattan Project and Its Legacy.” Atomic Heritage Foundation NSF Workshop, February 2013.

“The Hydrogen Bomb and the Shifting Focus of Cold War Scientific Secrecy.” Colloquium, National Museum of American History, January 2013.

2012

“The History of Nuclear Weapons and the Future of Proliferation.” Nuclear Policy Talk, Elliot School of International Affairs, George Washington University, December 2012.

“Networked history: Thinking through the Web.” History of Science Society Annual Meeting, San Diego, CA, November 2012.

“Caught in the Circle of Secrecy: Failed Attempts at Classification Reform in the Early Atomic Energy Commission, 1947-1950.” Policy History Conference, Richmond, VA, June

2012, and Society for Historians of American Foreign Relations Annual Meeting, Hartford, CT, June 2012.

“Scientific Secrecy and WMD Nonproliferation: An Analytical Framework.” Invited talk, Center for Nonproliferation Studies, Monterey Institute of International Studies, April 2012.

Invited panelist, “Ethically Impossible: A Panel Discussion on Non-Consensual Medical Research in Guatemala, Africa, and the United States.” Georgetown Law School, February 2012.

2011

“Nuclear Secrets in the Twilight Zone: The H-bomb 'Gag Order' of 1950.” History of Science Society Annual Meeting, Cleveland, OH, November 2011.

“Classifying Dual-use Science: Lessons from the Early History of Laser Fusion.” Colloquium, Program on Science and Global Security, Princeton University, October 2011.

“Gambling for H-bombs: Publicizing and Privatizing Laser Fusion, 1969-1975.” Maryland Colloquium in the History of Technology, Science, and Environment (University of Maryland, College Park), October 2011.

“Secrecy in the Age of WikiLeaks.” Invited lecture, Harvard Club of Long Island, March 2011.

“Legalizing American Nuclear Secrecy.” Invited lecture and panel discussion, part of “Nuclear Secrets: Democracy and the National Security State,” EPIIC International Symposium for Global Leadership, Tufts University, February 2011.

2010-2002

“‘Restricted Data’: The Regulation of Nuclear Knowledge in the United States.” Seminar, Managing the Atom Project, Harvard Kennedy School, October 2010.

“Atoms for Peace, Atoms for Terror: Debating Secrecy versus Safeguards in the 1970s.” Colloquium, Department of Science and Technology Studies, Cornell University, September 2010.

“Why You Can’t Patent an Atomic Bomb: Nuclear Weapons as Intellectual Property.” Invited public lecture, “Science, Technology, and Legal Regulation” lecture series, Münchner Zentrum für Wissenschafts- und Technikgeschichte, Munich, Germany, June 2010.

“Secrecy and the Bomb: From the Postwar to the Cold War.” *States of Secrecy* Conference, Harvard University, April 2009. History of Science Society Annual Meeting, Phoenix, AZ, November 2009.

“Selling Secrecy: Laser Fusion, Classification, and the Turbulent 1970s.” STS Circle, Harvard Kennedy School, October 2008.

“The Committee on Declassification and the Question of Postwar Secrecy.” Society for Historians of American Foreign Relations Annual Meeting, Columbus, OH, June 2008.

“Old H-bomb Arguments Never Die!': History, Secrecy, and the Teller-Ulam Priority Dispute.” History of Science Society Annual Meeting, Crystal City, VA, November 2007.

“Drawing the Bomb: Secrecy and the Visual Depiction of Nuclear Weapons.” 16th Annual Berkeley Symposium, *Interdisciplinary Approaches to Visual Representation*, University of California, Berkeley, March 2005; Society for Social Studies of Science Annual Meeting, Pasadena, CA, November 2005.

“The Organization of Compulsory Sterilization and Eugenics in California, 1909-1951.” West Coast History of Science Society Annual Meeting, University of California, San Francisco, 2002.

Public history and web development

2011– *Restricted Data: The Nuclear Secrecy Blog*. Regularly-updated historical writing for both popular and academic audiences. +3 million pageviews since launch. Online at <http://blog.nuclearsecrecy.com/>

2014 Consultant for the television show “MANHATTAN,” Season 2, WGN America/Lionsgate.

2012-2013 *NUKEMAP* and *NUKEMAP3D*. Interactive, web-based nuclear weapons effects simulators. +14 million pageviews since launch. Online at <http://nuclearsecrecy.com/nukemap/> and <http://nuclearsecrecy.com/nukemap3d/>

2011-2014 Center for History of Physics, American Institute of Physics: developing new historical exhibits on the history of physics; working to develop resources for the history of science for use in high school classrooms; contributing to the oral history collection at the Niels Bohr Archive.

2009 “So Simple a Beginning: *The Origin of Species* at 150 years.” Experimental online academic collaborative project run by Thomas Levenson at the Science Writing program at MIT. Work includes technical development, historical research, and project conceptualization. Online February 2009. (*No longer online*)

2008 Developing *DOE Timeline, 1939-2008*, an interactive database of Department of Energy history that will be distributed both as a hard-copy inside the DOE as well as on the web for public consumption. Office of History and Heritage

Resources, United States Department of Energy. Distributed within the DOE, November 2008. (Online availability delayed by classification review and other impressive amounts of bureaucracy.)

2007-2008 Developing Manhattan Project and Cold War web resources, Office of History and Heritage Resources, United States Department of Energy.

2006-2007 Researcher and author of the text an exhibit on the History of the MIT Department of Physics to commemorate the opening of the Green Center for Theoretical Physics. Kiosk and online exhibit (<http://web.mit.edu/physics/about/history.html>) commissioned by the MIT Department of Physics, kiosk installed November 2007.

2004 “Oppenheimer: A Life.” Online exhibit (<http://ohst.berkeley.edu/publications/oppenheimer/exhibit/>) commissioned by the Office for History of Science and Technology, UC Berkeley, for the centenary conference on physicist J. Robert Oppenheimer. Winner of *Scientific American’s* Science and Technology Web Awards 2004 in the biography category. Also featured in Mitch Leslie, “NetWatch Exhibits: The Bomb’s Conflicted Father,” *Science* 304, no. 5670 (23 April 2004): 495.

Selected media appearances and interviews

Armin Rosen, “A North Korean hydrogen-bomb test would be a game-changer,” *Business Insider* (6 January 2016): <http://www.businessinsider.com/heres-why-a-hydrogen-bomb-test-would-be-a-breakthrough-for-north-korea-2016-1>

Scott Shane, “1950s U.S. Nuclear Target List Offers Chilling Insight,” *The New York Times* (22 December 2015), A10: <http://www.nytimes.com/2015/12/23/us/politics/1950s-us-nuclear-target-list-offers-chilling-insight.html>

“The 27 Best Feeds to Follow in the World of Science,” *Wired* (18 August 2015): <http://www.wired.com/2015/08/the-new-cultural-literacy-science-feeds/>

Mariko Oi, “The man who saved Kyoto from the atomic bomb,” *BBC World News* (9 August 2015): <http://www.bbc.com/news/world-asia-33755182>

Herman Wong, “How the Hiroshima bombing is taught around the world,” *Washington Post* (6 August 2015): <https://www.washingtonpost.com/news/worldviews/wp/2015/08/06/how-the-hiroshima-bombing-is-taught-around-the-world/>

Geoff Brumfiel, “Why did the U.S. choose Hiroshima?” *NPR’s Morning Edition* (6 August 2015): <http://www.npr.org/2015/08/06/429433621/why-did-the-u-s-choose-hiroshima/>

- Michal Meyer, "Telling Secrets," *Distillations* (Fall 2015):
<http://www.chemheritage.org/discover/media/distillations-magazine/01-3-02-telling-secrets.aspx>
- Ana Swanson, "What it would look like if the Hiroshima bomb hit your city," *Washington Post Wonkblog* (5 August 2015):
<http://www.washingtonpost.com/news/wonkblog/wp/2015/08/05/what-it-would-look-like-if-the-hiroshima-bomb-hit-your-city/>
- Interview with Robert Gast, "Ein Atomkrieg ist noch immer möglich," *Süddeutsche Zeitung* (24 July 2015): <http://www.sueddeutsche.de/wissen/historiker-ein-atomkrieg-ist-noch-immer-moeglich-1.2580504>
- "Zündung der ersten Atombombe am (16.7.1945)," *Westdeutscher Rundfunk's ZeitZeichen* (16 July 2015): <http://www.ardmediathek.de/tv/WDR-5-ZeitZeichen/Z%C3%BCndung-der-ersten-Atombombe-am-16-7-19/WDR-5/Audio-Podcast?documentId=29590308&bcastId=19365228>
- "Destroyer of Worlds," *BBC Radio 4* (11 July 2015):
<http://www.bbc.co.uk/programmes/b061pchg>
- American Heroes Channel, *What History Forgot*, "Verge of Destruction" (30 June 2015).
National Geographic Channel, *American Genius*, Episode 7, "Oppenheimer vs. Heisenberg," (22 June 2015): <http://channel.nationalgeographic.com/american-genius/episodes/oppenheimer-vs-heisenberg/>
- Jefferson Morley, "Getting to Know Alex Wellerstein," *Arms Control Today* (May 2015):
https://www.armscontrol.org/ACT/2015_05/Features/Getting-to-Know/Alex-Wellerstein
- John Moritz, "Does Philly author reveal nuclear-bomb secrets?" *Philadelphia Inquirer* (6 April 2015): http://articles.philly.com/2015-04-06/news/60836875_1_energy-department-nuclear-bomb-secrets-book
- "Buttons Not Buttons," NPR's *Radiolab* (12 December 2014):
<http://www.radiolab.org/story/buttons-not-buttons/>
- William J. Broad, "Dawn of Nuclear Arms, Declassified," *The New York Times* (9 November 2014), D6: <http://www.nytimes.com/2014/11/11/science/the-dawn-of-nuclear-weapons-declassified.html>
- Shirley Li, "The Future of Plutonium," *The Atlantic Magazine online* (6 November 2014):
<http://www.theatlantic.com/technology/archive/2014/11/the-future-of-plutonium/382414/>

- William J. Broad, "Transcripts Kept Secret for 60 Years Bolster Defense of Oppenheimer's Loyalty," *The New York Times* (11 October 2014), A16.
- Documentary, "Mach Stem: The Nagasaki Bombing Intensified," *NHK World* (4 October 2014): <https://www.youtube.com/watch?v=UtoDoi5zM1o>
- Rob Garfield, "The Manhattan Project," *NPR's On the Media* (11 October 2013): <http://www.onthemedial.org/story/manhattan-project/>
- Rebecca J. Rosen, "The Time a Cleveland Newspaper Divulged the Manhattan Project," *The Atlantic Magazine online* (20 September 2013): <http://www.theatlantic.com/technology/archive/2013/09/the-time-a-cleveland-newspaper-divulged-the-manhattan-project/279873/>
- Mark Thompson, "Nuclear Perspective: What's the Fallout in Your Neighborhood?" *TIME magazine online* (22 July 2013): <http://nation.time.com/2013/07/22/nuclear-perspective-whats-the-fallout-in-your-neighborhood/>
- Rebecca J. Rosen, "On Nuclear Weapons as Units of Measurement," *The Atlantic Magazine online* (22 February 2013): <http://www.theatlantic.com/technology/archive/2013/02/on-nuclear-weapons-as-units-of-measurement/273425/>
- Rebecca J. Rosen, "Rare Photo of the Mushroom Cloud Over Hiroshima Discovered in Former Japanese Elementary School," *The Atlantic Magazine online* (11 January 2013): <http://www.theatlantic.com/technology/archive/2013/01/rare-photo-of-the-mushroom-cloud-over-hiroshima-discovered-in-a-former-japanese-elementary-school/267042/>
- Robert Krulwich, "The End of the World, My Way," *NPR's Krulwich Wonders* (20 December 2012): <http://www.npr.org/sections/krulwich/2012/12/20/167706713/the-end-of-the-world-my-way>
- Robert Krulwich, "U.S. Explodes Atomic Bombs Near Beers to See if They are Safe to Drink," *NPR's Krulwich Wonders* (19 September 2012): <http://www.npr.org/sections/krulwich/2012/09/18/161338723/u-s-explodes-atomic-bombs-near-beers-to-see-if-they-are-safe-to-drink>
- Robert Krulwich, "Five Men Agree to Stand Directly Under an Exploding Nuclear Bomb," *NPR's Krulwich Wonders* (17 July 2012): <http://www.npr.org/sections/krulwich/2012/07/16/156851175/five-men-agree-to-stand-directly-under-an-exploding-nuclear-bomb>
- Tom Siegfried, "It's Not Easy, or Wise, to Suppress Nature's Secrets," *Science News* 181, no. 11 (2 June 2012), 2.
- Damien Gayle, "Want to know the effect of a nuclear bomb on your home town? There's an app for that," *Daily Mail (UK) Online* (16 February 2012).

“Manhattan Project Patent,” *History Detectives, Public Broadcasting Service (PBS)–Lion Television* (29 June 2009).

David Kestenbaum, “The Rush to Patent the Atomic Bomb,” *NPR’s Morning Edition*, (28 March 2008): <http://www.npr.org/templates/story/story.php?storyId=89127786>

Teaching

Spring 2016 “Visualizing Society” and “Introduction to Science and Technology Studies,” Stevens Institute of Technology

Fall 2015 “The Nuclear Era” and “Introduction to Science and Technology Studies,” Stevens Institute of Technology.

Spring 2015 “Visualizing Society” and “Biology, Eugenics, and Society,” Stevens Institute of Technology

Fall 2014 “The Nuclear Era” and “Science and the Media,” Stevens Institute of Technology

Spring 2014 “Science and the Cold War,” Georgetown University.

Spring 2011 “Science in the Cold War” and “History of Science Sophomore Tutorial,” Harvard University.

Professionalization and service

2016– Member, Steering Committee, NSF Researcher Coordination Network for Computational and Digital History and Philosophy of Science.

2015– Member, Technology and Communication Committee, History of Science Society.

2015– Member, Advisory Committee, Atomic Heritage Foundation.

2015 Participant, NSF Data Management Workshop.

2012– Member, National Advisory Board, Also Digital Library for Nuclear Issues.

2014 Member, Ad-hoc Committee on Publications and Professional Excellence, History of Science Society.

2012–2014 Chair, Website Redesign Committee, History of Science Society.

2012– Organizing Committee, “Transforming the Relationship Between Science and Society:

The Manhattan Project and Its Legacy,” NSF-funded workshop, organized by the Atomic Heritage Foundation (February 2013)

2009 Co-organizer (with Daniel Margocsy and Koen Vermeir) of the *States of Secrecy* conference, Harvard University, March 2009.

Member of the History of Science Society, Society for the History of Technology, American Historical Association, and the Federation of American Scientists.