CURRICULUM VITAE

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EMPLOYMENT:

Institute for Advanced Study
Princeton, NJ

George F. Kennan Member, Faculty of the School of Historical Studies, September 2026–present.

Visitor, Faculty of the School of Historical Studies, September 2021–July 2022.

New York University School of Law
New York, NY

Samuel I. Golieb Fellow in Legal History, July 2025–present.

Seton Hall University School of Law
Newark, NJ

Fellow and Adjunct Professor of Law, Gibbons Institute of Law, Science & Technology, October 2025–present.

Harvard University
Department of the History of Science
Cambridge, MA

Associate of the Department of the History of Science, Faculty of Arts and Sciences, July 2025–present. Member, Vartan Gregorian Center for Research in the Humanities, New York Public Library, New York, New York, November 2024–November 2026.

Associate Professor of the History of Science, Faculty of Arts and Sciences, July 2019–June 2025. Undergraduate Focus Advisor: *Technology, Information and Society (Science and Society Track, History and Science Concentration)*.

Assistant Professor of the History of Science, Faculty of Arts and Sciences, July 2015–June 2019. Joseph G. Astman Distinguished Conference Scholar, Hofstra University, Hempstead, New York, 2019. Visiting Scholar, Heyman Center for the Humanities, Columbia University, New York, New York, July 2017–August 2018. Research Associate, Smithsonian Institution, National Air and Space Museum, Washington, DC, July 2012–June 2018.

University of Pennsylvania
Department of Bioengineering
Philadelphia, PA

Lecturer in Bioengineering and Undergraduate Thesis Advisor in Bioengineering, School of Engineering and Applied Science, July 2014–June 2015. Lecturer in Engineering Ethics, School of Engineering and Applied Science, July 2012–June 2014.

University of Pennsylvania
Department of History and Sociology of Science
Philadelphia, PA

Lecturer in Science, Technology and Society and Premedical Undergraduate Advisor, School of Arts and Sciences, January 2009–June 2009, July 2011–June 2015. Lecturer, College of Liberal and Professional Studies, May 2009–June 2015.

University of Southern California, Huntington Library
Huntington-USC Institute on California and the West,
Aerospace History Project
Los Angeles, CA

National Science Foundation Postdoctoral Teaching Fellow, August 2010–August 2011. Instructor, Department of History, USC Dana and David Dornsife College of Letters, Arts & Sciences.

Co-Curator (with Peter Westwick), *Blue Sky Metropolis: The Aerospace Century in Southern California*, Huntington Library, October 8, 2011–January 9, 2012.

EDUCATION:

University of Pennsylvania
Philadelphia, PA

PhD, History and Sociology of Science, May 2010; advanced to candidacy (Ruth Schwartz Cowan, Robert Kohler, Walter Licht) (with distinction), November 2006.

Dissertation: *SPACEWORK: Labor and Culture in America's Astronaut Corps, 1959–1979*.

AM, History and Sociology of Science, May 2005.

Master's Research Paper: *"PIONEER RECONNAISSANCE": Atomic Attack and Satellite Surveillance in Postwar America*.

New York University School of Law
New York, NY

JD, May 1997. Casebook Research and Writing Editor, NYU Law Moot Court Board. Intern, New York County District Attorney's Office, Summer 1995. Admitted to the Bars of the State of New York (1998), United States District Courts for the Southern and Eastern Districts of New York (2000). Attorney-at-law in private practice, September 1997–January 2003.

Massachusetts Institute of Technology
Cambridge, MA

SB in Political Science, Minor in History, May 1994. Analyst Intern, Institute for Defense Analyses, Alexandria, Virginia, Summer 1994. Continuing coursework in General Relativity, Spring 2003.

PUBLICATIONS:

Books

Dark Star: A New History of the Space Shuttle (Cambridge: MIT Press, 2023).

War and Peace in Outer Space: Ethical and Legal Boundaries, with Cassandra Steer, eds. (New York: Oxford University Press, 2021) (trans. [Chinese/Simplified] Beijing Institute of Technology, 2025).

A Social History of American Technology, Second Edition, with Ruth Schwartz Cowan (New York: Oxford University Press, 2018).

Inventing the American Astronaut (New York: Palgrave Macmillan, 2012).

Articles

"Bored to Death: Human Spaceflight in 2050," *Quest: The History of Spaceflight Quarterly* 31, no. 1 (2024): 37–41.

"Equitable Growth and Southern California's Aerospace Industry," *Working Group on the History of Technology*, Jonathan Moreno, ed. (Washington, DC: The Washington Center for Equitable Growth, 2015).

"Human Spaceflight," in "Spaceflight: The Development of Science, Surveillance, and Commerce in Space," *Proceedings of the IEEE*, 100 (2012): 1785–818.

"Space Madness: The Dreaded Disease that Never Was," *Endeavour* 36 (2012): 32–40.

"Return of the Lost Spaceman: America's Astronauts in Popular Culture, 1959–2006," *The Journal of Popular Culture* 44 (2011): 73–92.

"High Fashion: The Women's Undergarment Industry and the Foundations of American Spaceflight," *Fashion Theory* 13 (2009): 345–70 (trans. Теория моды [Russian] 38 [Winter 2015–2016]).

"Checklist: The Secret Life of Apollo's 'Fourth Crewmember,'" in *Space Travel and Culture: From Apollo to Space Tourism*, by Martin Parker and David Bell, eds., *Sociological Review* (Monograph) 57 (2009): 6–24.

"'Calm, But Still Alert': Marketing Stelazine to Disturbed America, 1958–1980," *Pharmacy in History* 51 (2009): 140–48.

"Space Exploration," in *Scientific Thought: In Context*, Brenda W. Lerner and K. Lee Lerner, eds. (Gale Cengage, 2008), 116–128.

Burr v. United States, with Mark Bailen, 20 *NYU Moot Court Casebook* 1 (1996) [1996 NYU School of Law Marden Moot Court Semi-Finals Competition].

"SIMNET Applications to Peacekeeping Missions," with Dennis F. DeRiggi and D. S. Barnett, *Institute for Defense Analyses Publication IDA-D-1593*, NTIS Accession Number AD-A302 799/2/XAB (1995).

Book Chapters

"Pathfinder to Profit: Lessons from the Space Shuttle Era," in *The Rise of the Commercial Space Industry: Early Space Age to the Present*, Brian C. Odom, ed. (New York: Palgrave Macmillan, 2024).

"'We Ran as If to Meet the Moon': The Inspired Lunacy of Apollo 11," in *After Apollo: Cultural Legacies of the Race to the Moon*, J. B. Bennington and Rodney F. Hill, eds. (Gainesville: University Press of Florida, 2023) (Honorable Mention, Ray and Pat Browne Award for Best Edited Collection in Popular and American Culture).

"Why Space Law Matters in War and Peace," with Cassandra Steer, in *War and Peace in Outer Space: Ethical and Legal Boundaries*, with Cassandra Steer, eds. (Oxford: Oxford University Press, 2021).

"Redemptive Space: Duty, Death, and the Astronaut-Soldier, 1949–1969," in *"We Are All Astronauts": The Image of the Space Traveler in Arts and Media,* Henry Keazor, ed. (Berlin: Noefelis, 2019).

"Something Borrowed, Something Blue: Re-purposing NASA's Spacecraft," in *NASA Spaceflight: A History of Innovation*, Roger Launius and Howard E. McCurdy, eds. (Washington, DC: NASA, 2016; New York: Palgrave Macmillan, 2017).

"Using the Shuttle: Operations on Orbit," in *Space Shuttle Legacy: How We Did It and What We Learned*, by John Krige and Roger Launius, eds. (Reston: American Institute of Aeronautics and Astronautics, 2013).

"'Capsules Are Swallowed': The Mythology of the Pilot in American Spaceflight," in *Spacefarers: Images of Astronauts and Cosmonauts in the Heroic Era of Spaceflight*, by Michael J. Neufeld and Stephen J. Garber, eds. (Washington, DC: Smithsonian Institution Scholarly Press, 2013).

"Space Apes Want our Women! Primate Lust in American Science Fiction Film," in *The Sex Is Out of This World: Essays on the Carnal Side of Science Fiction*, by Michael G. Cornelius and Sherry Ginn, eds. (New York: McFarland, 2012).

"The Semiotics of Spaceflight on the Satellite of Love," in *In the Peanut Gallery with Mystery Science Theater 3000: Essays on Film, Fandom, Technology and the Culture of Riffing*, by Rob Weiner and Shelley Barba, eds. (New York: McFarland, 2011).

Essays

"Science Fiction Made Spaceflight, and Spaceflight Made Science Fiction," *History Today* 75, no. 11 (November 2025): 9–10.

"Learning on Their Bellies," *Historical Studies in the Natural Sciences* 54, no. 1 (2024): 109–111.

"The Boeing Milestones of Flight Hall, Smithsonian Institution, National Air and Space Museum," *Technology and Culture* 57 (2016): 998–1004.

"Neil A. Armstrong*," Proceedings of the American Philosophical Society* 157 (2013): 347–353.

"Apollo's Stepchildren: New Works on the American Lunar Program," *Technology and Culture* 49 (2008): 449–55.

Book Reviews

Far Beyond the Moon: A History of Life Support Systems in the Space Age, by David P. D. Munns and Kärin Nickelsen, *Isis* 116 (2025): 618–619.

Paths of Fire: The Gun and the World It Made, by Andrew Nahum, *Isis* 116 (2025): 596–597.

Collaboration in Space and the Search for Peace on Earth, by Andrew L. Jenks, *Isis* 114 (2023): 461–462.

For the Love of Mars: A Human History of the Red Planet, by Matthew Shindell, *Quest: The History of Spaceflight Quarterly* 30, no. 2 (2023): 63–64.

Beyond Blue Skies: The Rocket Plane Programs that Led to the Space Age, by Chris Petty, ed., *California History* 99 (2022): 108–110.

The Los Alamos Primer: The First Lectures on How to Build an Atomic Bomb, by Robert Serber, *Isis* 112 (2021): 209–210.

War in Space: The Science and Technology Behind Our Next Theater of Conflict, by Linda Dawson, *Quest: The History of Spaceflight Quarterly* 27, no. 1 (2020): 65–66.

Go, Flight! The Unsung Heroes of Mission Control, 1965–1992, by Rick Houston and Milt Heflin, *Florida Historical Quarterly* 96 (2018): 390–392.

The Long Space Age: The Economic Origins of Space Exploration from Colonial America to the Cold War, by Alexander MacDonald, *American Historical Review* 123 (2018) 239–240.

Groovy Science: Knowledge, Innovation, and American Counterculture, by David Kaiser and W. Patrick McCray, eds., *Technology and Culture* 58 (2017): 888–89.

Mission Control: Inventing the Groundwork for Spaceflight, by Michael Peter Johnson, *Oral History Review* 44 (2017): 157–159.

The Illustrated Encyclopedia of Space and Space Exploration, by Giles Sparrow, Chris McNab, and Judith John, eds., *Quest: The History of Spaceflight Quarterly* 24, no. 2 (2017): 60–61.

Spies and Shuttles: NASA's Secret Relationships with the DoD and CIA, by James E. David, *Technology and Culture* 57 (2016): 275–276.

Marketing the Moon: The Selling of the Apollo Lunar Program, by David Meerman Scott and Richard Jurek, *Air & Space* 30 (May 2015): 70.

No Requiem for the Space Age: The Apollo Moon Landings and American Culture, by Matthew D. Tribbe, *American Historical Review* 120 (2015): 294–295.

Bold They Rise: The Space Shuttle Early Years, 1972–1986, by David Hitt and Heather R. Smith, *Quest: The History of Spaceflight Quarterly* 21, no. 4 (2014): 57–58.

Working on Mars: Voyages of Scientific Discovery with the Mars Exploration Rovers, by William J. Clancey, *Isis* 104 (2013): 864.

Spacesuit: Fashioning Apollo, by Nicholas de Monchaux, *The Winterthur Portfolio* 47 (2013): 197–98.

Technological Innovation and Prize Incentives. The Google Lunar X Prize and Other Aerospace Competitions, by Luciano Kay, *Quest: The History of Spaceflight Quarterly* 20, no. 3 (2013): 53–54.

To Touch the Face of God: The Sacred, the Profane, and the American Space Program, 1957–1975, by Kendrick Oliver, *The Journal of American History* 100 (2013): 599–600.

Selecting the Mercury Seven: The Search for America's First Astronauts, by Colin Burgess, *Quest: The History of Spaceflight Quarterly* 19, no. 2 (2012): 54–55.

Philosophy in The Twilight Zone, by Noël Carroll and Lester H. Hunt, eds., *The Journal of American Culture* 32 (2009): 353–54.

Science Fiction and Philosophy: From Time Travel to Superintelligence, by Susan Schneider, ed., *The Journal of American Culture* 32 (2009): 355–56.

Science on the Air: Popularizers and Personalities on Radio and Early Television, by Marcel Chotkowski LaFollette, *The Journal of American Culture* 32 (2009): 175–76.

Digital Apollo: Human and Machine in Space Flight, by David A. Mindell, *Technology and Culture* 50 (2009): 466–67.

The Philosophy of Science Fiction Film, by Steven M. Sanders, ed., *The Journal of American Culture* 31 (2008): 342–43.

Living with Star Trek: American Culture and the Star Trek Universe, by Lincoln Geraghty, *The Journal of American Culture* 31 (2008): 233–34.

Science in Flux: NASA's Nuclear Program at Plum Brook Station, 1955–2005, by Mark D. Bowles, *Technology and Culture* 49 (2008): 246–47.

Into That Silent Sea: Trailblazers of the Space Era, 1961–1965, by Francis French and Colin Burgess, *The Journal of American Culture* 30 (2007): 455–56.

Testing the Limits: Aviation Medicine and the Origins of Manned Space Flight, by Maura Phillips Mackowski, *Technology and Culture* 48 (2007): 897–99.

Popular Eugenics: National Efficiency and American Mass Culture in the 1930s, by Susan Currell and Christina Cogdell, eds., *The Journal of American Culture* 30 (2007): 255–56.

Finding the Force of the Star Wars Franchise: Fans, Merchandise, & Critics, by Matthew Wilhelm Kapell and John Shelton Lawrence, eds., *The Journal of American Culture* 30 (2007): 125–26.

Journalism

"The Halloween Origins of JPL," *The ICW Blog*, October 30, 2017 (*https://icwblog.wordpress.com/2017/10/30/the-halloween-origins-of-jpl/*).

"Walking on the Moon," *The Huffington Post*, December 12, 2012 (*http://www.huffingtonpost.com/matthew-hersch/walking-on-the-moon_b_2286594.html*).

"Sunday Dialogue: The Value of Internships," *The New York Times*, May 20, 2012: SR2.

"No Stimulus Plan for Astronauts," *Air & Space* (online), February 5, 2010 (*https://www.airspacemag.com/*).

"The Apollo Disappointment Industry," *Air & Space* (online), July 31, 2009 (*https://www.airspacemag.com/*).

"The Fourth Crewmember," *Air & Space* (online), July 20, 2009 (*https://www.airspacemag.com/*).

"Troubleshooting 101 (1201 actually, and 1202 too)," *Air & Space* (online), July 20, 2009 (*https://www.airspacemag.com/*).

"Lunar Mission in a Bottle," *Air & Space* (online), July 10, 2009 (*https://www.airspacemag.com/*).

"One-Way Moon Trips and Other Desperate Measures," *Air & Space* (online), July 2, 2009 (*https://www.airspacemag.com/*).

"Unchanged," *Air & Space* (online), May 21, 2009 (*https://www.airspacemag.com/*).

"The Seven," *Air & Space* (online), April 7, 2009 (*https://www.airspacemag.com/*).

FELLOWSHIPS, PRIZES, AND GRANTS:

Fellowships

Travel Fellowship, 2020–2021, *Dark Star: A New History of the Space Shuttle*, Linda Hall Library, Kansas City, Missouri.

ACLS/Oscar Handlin Fellowship, 2017–2018. Oscar Handlin Fund for Research in American History.

National Science Foundation Postdoctoral Teaching Fellowship in Aerospace History, 2010–2011. Huntington-USC Institute on California and the West, University of Southern California, Huntington Library.

HSS-NASA Fellowship in the History of Space Science, 2009–2010. History of Science Society, National Aeronautics and Space Administration.

Daniel and Florence Guggenheim Fellowship, 2007–2008. Smithsonian Institution, National Air and Space Museum.

William Penn Fellowship, School of Arts and Sciences, 2003–2007, 2008–2009. University of Pennsylvania.

CWiC Speaking Fellowship, 2007. Communication Within the Curriculum, School of Arts and Sciences. University of Pennsylvania.

Dean's Summer Fellowship, School of Arts and Sciences, 2009. University of Pennsylvania.

Awards, Grants, and Prizes

Scholar's Award, 2026 (*Home Alive by '45: Operation Magic Carpet and the End of World War II*). Truman Library Institute, Harry S. Truman Presidential Library & Museum.

Travel Grant, 2026. National Science Foundation/Society for Social Studies of Science.

Travel Grant, 2025. National Science Foundation/History of Science Society.

Dean's Competitive Fund for Promising Scholarship, 2024 (*Home Alive by '45: Operation Magic Carpet and the End of World War II*). Harvard University.

Office of Undergraduate Education Course Innovation Fund, 2024. Harvard University.

Teaching Grant, 2024, "Teaching Beyond the Classroom," Aramont Foundation Graduate Education Innovation Fund, Department of the History of Science. Harvard University.

FAS Tenure-Track Faculty Publication Fund, 2023. Harvard University.

Voted one of the favorite professors of the Classes of 2023, 2020, and 2018, Harvard Yearbook. Harvard University.

Teaching Grant, 2021, "Material Culture Analysis in the History of Technology," Aramont Foundation Graduate Education Innovation Fund, Department of the History of Science. Harvard University.

Clark Award, Office of the Dean, Faculty of Arts & Sciences, 2019. Harvard University.

Office of Undergraduate Education Discretionary Fund, 2019. Harvard University.

Joseph G. Astman Distinguished Conference Scholar, 2019. Hofstra University.

Dean's Competitive Fund for Promising Scholarship, 2018 (*The Outlaw Factory*). Harvard University.

Dean's Competitive Fund for Promising Scholarship, 2017 (*Technological Bandits: American Outlaws and the Perils of Progress*). Harvard University.

Spark Grant, Harvard Initiative for Learning and Teaching, 2016–2017. Harvard University.

Junior Faculty Research Assistant Grant, 2016–2017. Harvard University.

Certificate of Appreciation (for "dedication and excellence" in instruction), 2009, 2011. Greek Executive Councils, University of Pennsylvania.

Travel Grant, 2009. CHEIRON: The International Society for the History of Behavioral and Social Sciences.

Joan Cahalin Robinson Prize, 2008. Society for the History of Technology. ("Awarded for the best-presented paper at the SHOT annual meeting by a scholar of any age presenting for the first time.")

Travel Grant, 2008. National Science Foundation/Society for the History of Technology.

Recognized for Excellence in Teaching, 2007, 2006. University of Pennsylvania, Penn Teaching Assistant Prize Selection Committee.

Travel Grant, 2006. National Science Foundation/History of Science Society.

Travel Grant, 2005. Cornell University, Department of Communication and Department of Science and Technology Studies.

INVITED PRESENTATIONS, CONFERENCE PAPERS, AND POSTERS:

Keynote Addresses

"'Swear Not by the Moon': Kennedy's Challenge," *Small Steps, Giant Leaps*, Houghton Library, Harvard University, April 30, 2019.

"'We Ran as If to Meet the Moon': The Inspired Lunacy of Apollo 11," Joseph G. Astman Distinguished Conference Scholar Address, *One Giant Leap: Apollo 11 @ 50*, Hofstra University, April 2, 2019.

"Redemptive Space: Duty, Death, and the Astronaut-Soldier, 1949–1969," *"We Are All Astronauts": The Image of the Space Traveler in Arts and Media*, University of Heidelberg, Germany, October 24, 2015.

Invited Talks

"No Guts, No Glory: The Trophy Economy of World War II," *Institute for Advanced Study School of Historical Studies Colloquia Series*, October 15, 2026.

"When Humanity Leaves Earth," with Mordechai Becher and Harvey Schabes, *Institute for Jewish Ethics*, August 13, 2026.

"Space Mining: The Prehistory of a Troubling Idea," *Space Law & Earth Justice*, New York University School of Law, March 20, 2025.

"Book Talk with Matthew Hersch," *IAS in Boston*, MIT Museum, April 18, 2024.

"Celebration of the Automatic Sequence Controlled Calculator," Harvard John A. Paulson School of Engineering and Applied Sciences, Allston, Massachusetts November 10, 2022.

"A Wing and a Prayer: Risky Design and the Space Shuttle," Institute for Advanced Study, Princeton, New Jersey, April 27, 2022.

"'Light this Candle!': Sixty Years of Americans in Space," Harvard Museums of Science & Culture, Cambridge, Massachusetts, May 5, 2021.

"A Wing and a Prayer: Risky Design and the Space Shuttle," Google, Inc., Cambridge, Massachusetts, July 17, 2020.

"Impossible Journey: Apollo 11 to the Moon," *Sustainable Space, Sustainable Earth: From Ideas to Action*, Framingham State University, December 6, 2019 (*https://youtu.be/VAcnFRTGFU0*).

"Faculty Chat with Dr. Matthew Hersch," *Harvard Science Policy Group*, February 13, 2019.

Presenter and Panelist, "Can It Be Done?" "Miner's Lament," and "How Would it Affect Us as a Species," in *Space Resources: Promising and Problematic?* Radcliffe Institute Seminar, October 15–16, 2018.

"World in a Can: Spy Satellites and Military Preparedness, 1946–1986," *Society of Fellows Lecture Series*, Heyman Center for the Humanities, Columbia University, October 19, 2017.

"Collaboration, Competition, Notions of Optimality," *Scientific Production Function Workshop*, Harvard Business School, April 11, 2017.

"In-House to Outhouse: The Strange Life of Film-Return Spy Satellites, 1946–1986," *STS Circle*, Harvard University, March 6, 2017.

"One-Way Ticket to Mars: The History of a Weird Idea," *Ask an Expert*, Smithsonian Institution, National Air and Space Museum, Washington, DC, July 27, 2016.

"Something Borrowed, Something Blue: Re-purposing NASA's Spacecraft," *Seeds of Discovery: Chapters in the Economic History of Innovation within NASA*, Smithsonian Institution, National Air and Space Museum, December 11, 2015.

"Geeks in Space: NASA's Scientist-Astronauts in Project Apollo," Center for Astrophysics, Harvard University, November 19, 2015.

"Equitable Growth and Southern California's Aerospace Industry," *Working Group on the History of Technology*, The Washington Center for Equitable Growth, Washington DC, August 7, 2015.

"Jet Pack! The 30th Anniversary of the Manned Maneuvering Unit," *Ask an Expert*, Smithsonian Institution, National Air and Space Museum, Washington, DC, presented on April 25, 2015.

"The Short Life and Violent Death of the Space Shuttle Dream," *The History of Technology: Special Lectures*, Harvard University, Cambridge, Massachusetts, December 11, 2014.

"The 50th Anniversary of the Preparations for the First American Spacewalk," *Ask an Expert*, Smithsonian Institution, National Air and Space Museum, Washington, DC, May 7, 2014.

"Space Station Rescue! The Launch and Repair of Skylab," *Ask an Expert*, Smithsonian Institution, National Air and Space Museum, Washington, DC, June 5, 2013.

"One Small Step for Tourism: Protecting America's Lunar Exploration Heritage," Penn Cultural Heritage Center, University of Pennsylvania Museum of Archaeology and Anthropology, November 29, 2012.

"The Implementation of the 1972 UNESCO Convention Concerning the Protection of the World Cultural and Natural Heritage in the UK and France: Taking Stock of the Impact of UNESCO's Cultural Policy" (Discussant) at *World Heritage Now: Evaluating the Past, Present, and Future of UNESCO's Cultural Policy Program*, Penn Cultural Heritage Center, University of Pennsylvania Museum of Archaeology and Anthropology, September 28, 2012.

"Commercialization of Space Travel and Human Participation in Space Exploration," United States Congress Briefing sponsored by the National History Center, United States House of Representatives, Washington, DC, June 15, 2012.

"The Man in the Gray Flannel Spacesuit: America's Astronaut Corps, 1959–1979," UCLA, Los Angeles, California, May 2, 2011.

"Science and the Imagined Future," *Science and Technology in Postwar Southern California,* the Huntington-USC Institute for California and the West and the USC Research Cluster in Science, Technology and Society, the Huntington Library, San Marino, California, March 11, 2011.

"The Man in the Gray Flannel Spacesuit: America's Astronaut Corps, 1959–1979," Georgia Institute of Technology, Atlanta, Georgia, February 7, 2011.

"The Astronaut Came Back Green! Project Apollo and American Environmentalism, 1968–1972," USC Science, Technology and Society Research Cluster Working Group, University of Southern California, December 3, 2010.

"The Apollo Checklist," *Living and Working in Space Day*, Smithsonian Institution, National Air and Space Museum, Washington, DC, October 4, 2008.

"'Fly Me to the Moon': The Apollo Checklists," *Ask an Expert*, Smithsonian Institution, National Air and Space Museum, Washington, DC, July 23, 2008.

"The Astronaut Came Back Green! Project Apollo and American Environmentalism, 1968–1972," Smithsonian Institution, National Museum of American History, Washington, DC, January 29, 2008.

Invited Roundtables

"Should SHOT Advance Amicus Briefs and Public Comment?" *Annual Meeting of the Society for the History of Technology*, Long Beach, California, October 25–29, 2023.

"Roundtable on 'War and Peace in Outer Space,'" *Secure World Foundation*, March 23, 2021 (*https://swfound.org/events/2021/roundtable-on-war-and-peace-in-outer-space*).

"STEM and Gender," in *Science & Technology in the Long 20th Century*, Department of History, Purdue University, November 15, 2019.

"Write Early, Write Often: Publishing Opportunities for Graduate Students," *History of Science Society Annual Meeting*, Atlanta, Georgia, November 3, 2018.

Chair and Comment

"Introductory and Conclusory Remarks," *Workshop on Cybersecurity on Earth and in Space* (with David Opderbeck), Seton Hall Law School, April 16, 2026.

"Cold War Convergences of Time and Space," *History of Science Society Annual Meeting*, New Orleans, Louisiana, November 16, 2025.

"Aeronautical Cultures," *Annual Meeting of the Society for the History of Technology*, Long Beach, California, October 28, 2023.

"Imagined or Real? Epistemologies of Desert Environments through Technological Encounters," *Annual Meeting of the Society for the History of Technology*, Long Beach, California, October 28, 2023.

"Redefining Spaces," *Annual Meeting of the Society for the History of Technology*, St. Louis, Missouri, October 12, 2018.

Space Day, Smithsonian Institution, National Air and Space Museum, Washington, DC, May 2, 2009.

"Living in Space," with Daniel Barry, *Living and Working in Space Day*, Smithsonian Institution, National Air and Space Museum, Washington, DC, October 4, 2008.

Sessions Organized

Workshop on Cybersecurity on Earth and in Space (with David Opderbeck), Seton Hall Law School, April 16, 2026.

"Totalitarian Technologies," *Annual Meeting of the Society for the History of Technology*, St. Louis, Missouri, October 12, 2018.

Conference Papers

"Space Mining: How We Can Do It and Why We Shouldn't," *Annual Meeting of the Society for Social Studies of Science*, Toronto, Canada, October 10, 2026.

"Crusaders and Demons: Naval Aviation in an Age of Uncertainty," *Annual Meeting of the Society for the History of Technology*, Long Beach, California, October 27, 2023.

"Cigars and Stilettos: Form, Function, and Fantasy in 1950s Rocket Design," *Popular Culture Association/American Culture Association National Conference*, San Antonio, Texas, April 6, 2023.

"Home Alive by '45: Repatriation Technologies of World War II," *Annual Meeting of the Society for the History of Technology*, New Orleans, Louisiana, November 12, 2022.

"The Digital and the Encyclopedic: New Tools for Open-Access History of Science," (Roundtable Participant) *History of Science Society Annual Meeting*, New Orleans, Louisiana, November 19, 2021.

"Pathfinder to Profit: Lessons from the Space Shuttle Era," *NASA and the Rise of Commercial Space Symposium*, NASA Marshall Space Flight Center History Office and University of Alabama in Huntsville History Department, March 18, 2021.

"Picturing the Enemy: CORONA and the Construction of the Cold War Threat,"

Annual Meeting of the Society for the History of Technology, Milan, Italy, October 26, 2019.

"When the Upgrade Never Comes: Planned Obsolescence and the Challenger Disaster," *Maintainers III: Policy, Practice, and Care*, Gallaudet University, Washington, DC, October 7, 2019.

"Do Rockets Have Styles? Space Exploration and Technological Choice, 1945–1950," *Annual Meeting of the Society for the History of Technology*, St. Louis, Missouri, October 12, 2018.

"When Science Became a Machine: The Space Shuttle as Laboratory and Launch Pad," *History of Science Society Annual Meeting*, Atlanta, Georgia, November 5, 2016.

"Return, Repair, Refly: Spaceflight Strategies for a Resource-Limited Age," *The Maintainers*, Stevens Institute of Technology, April 8, 2016.

"Field as Instrument, Instrument as Field: Scientific Investigations aboard *Aurora 7*," *Annual Meeting of the Society for the History of Technology*, Portland, Maine, October 9, 2015.

"Flight Test to Moon Shot: The NACA, the Astronauts, and the Culture of Experiment, 1959–1969," *"The NACA Centenary: 100 Years of Aerospace Research and Development*, Smithsonian Institution, National Air and Space Museum, Washington, DC, March 3, 2015.

"To Boldly Go": Star Trek and the Twilight of American Liberalism, 1966–1969," *Golden Ages: Styles and Personalities, Genres and Histories: The 2014 Film & History Conference*, Madison Concourse Hotel and Governor's Club, Madison, Wisconsin, October 30, 2014.

"'Have Space Suit, Will Travel': Clothing the Space Tourist, 1955–2015," *Spinoffs of Mobility: Technology, Risk & Innovation: History of Transport, Traffic and Mobility (T²M) Conference*, Drexel University, Philadelphia, Pennsylvania, September 19, 2014.

"Writing a New History: 'Space Shuttle Legacy: How We Did it and What We Learned,'" with Roger D. Launius and John M. Logsdon, *AIAA Science and Technology Forum and Exposition (SciTech2014)*, National Harbor, Maryland, January 14, 2014.

"Exploration Endangered: Public Science in an Age of Private Spaceflight," *History of Science Society Annual Meeting*, Boston, Massachusetts, November 22, 2013.

"Bodies in Motion: Spacewalks, Moonwalks, and the Choreography of Cosmic Exploration," *Annual Meeting of the Society for the History of Technology*, Portland, Maine, October 11, 2013.

"'On the Edge of Forever': 1972 and the New Space Consensus," *Envisioning Limits: Outer Space and the End of Utopia*, Freie Universität, Berlin, April 20, 2012.

"Space Brakes: Inventing Return Technologies for Human Spaceflight," *Moving Beyond Earth: Innovations in Space*, Smithsonian Institution, Washington, DC, November 19, 2011 (*http://www.youtube.com/watch?v=_jTewVO3SY8*).

"'We Learn to Command': Munro Leaf and the Postwar American Order," *Fifth Biennial Conference of the Society for the History of Children and Youth*, Columbia University, New York, New York, June 24, 2011.

"The Creature that Wouldn't Die: Spaceplane 1961/1981," *1961/1981 Key Moments in Human Spaceflight*, NASA Headquarters, Washington, DC, April 27, 2011.

"The Short Life and Violent Death of the Space Shuttle Dream, 1972–1986," *Annual Meeting of the American Historical Association*, Boston, Massachusetts, January 7, 2011.

"Space Apes Want Our Women! Primate Lust in American Science Fiction Film," *2010 Film & History Conference: Representations of Love in Film and Television*, Milwaukee, Wisconsin, November 13, 2010.

"Pinch's Cosmic Challenge: Were NASA's Spacecraft Socially Constructed?" *Annual Meeting of the Society for the History of Technology*, Tacoma, Washington, October 2, 2010.

"The Green Astronaut: Project Apollo and American Environmentalism, 1968–1974," *National Council on Public History Annual Meeting*, Portland, Oregon, March 11, 2010.

"Space Apes Want Our Women! Primate Lust in American Science Fiction Film," *STS Graduate Students' Annual Conference*, Rensselaer Polytechnic Institute, Troy, New York, February 20, 2010.

"Checklist: The Secret Life of Apollo's 'Fourth Crewmember,'" *CHEIRON*, Penn State University, State College, Pennsylvania, June 26, 2009.

"Become an Astronaut in Eight Weeks! The Short Life and Violent Death of the Space Shuttle Dream," *STS Graduate Students' Annual Conference*, Massachusetts Institute of Technology, Cambridge, Massachusetts, February 21, 2009.

"Checklist: The Secret Life of Apollo's 'Fourth Crewmember,'" *Annual Meeting of the American Historical Association*, New York, New York, January 4, 2009.

"Abort! Anxious Astronauts in American Film, 1968–1980," *Film & Science: Fictions, Documentaries, and Beyond*, Chicago, Illinois, November 1, 2008.

"'Calm, But Still Alert': Marketing Stelazine® to Disturbed America, 1958–1980," *Modern Medicines: New Perspectives in Pharmaceutical History*, American Institute of the History of Pharmacy, Madison, Wisconsin, October 18, 2008.

"High Fashion: The Women's Undergarment Industry and the Foundations of American Spaceflight," *Annual Meeting of the Society for the History of Technology*, Lisbon, Portugal, October 12, 2008.

"The Man in the Gray Flannel Spacesuit: The Making of America's Astronaut Corps," Smithsonian Institution, National Air and Space Museum, Washington, DC, July 15, 2008.

"Spacework: Labor and Culture in America's Astronaut Corps, 1959–1985," *Society for History in the Federal Government Annual Meeting*, National Archives II, Washington, DC, March 13, 2008.

"Are Astronauts Crazy? A New Look at an Old Question," *(Ex)Change: Under Construction X, the 10th Annual Regional STS Graduate Student Conference*, Cornell University, Ithaca, New York, February 16, 2008.

"Spacework: Labor and Culture in America's Astronaut Corps, 1959–1985," Smithsonian Institution, National Air and Space Museum, Washington, DC, October 1, 2007.

"Views from The Academy: The Program at Penn," *36th Annual Conference of the Society for Industrial Archeology*, Philadelphia, Pennsylvania, June 8, 2007.

"Geeks in Space: Selling America's Scientist-Astronauts, 1965–1982," *Popular Culture Association/American Culture Association National Conference*, Boston, Massachusetts, April 5, 2007.

"High Fashion: The Women's Undergarment Industry and the Foundations of American Spaceflight," *STS Graduate Students' Annual Conference*, Rensselaer Polytechnic Institute, Troy, New York, February 17, 2007.

"Geeks in Space: Selling America's Scientist-Astronauts, 1965–1982," *History of Science Society Annual Meeting*, Vancouver, Canada, November 4, 2006.

"Views from the Academy: The Program at Penn," (with Nathan Ensmenger), *ARTEFACTS XI*, Nobel Museum, Stockholm, Sweden, September 16, 2006.

"Return of the Lost Spaceman: America's Astronauts in Popular Culture, 1959–2005," *STS Graduate Students' Annual Conference*, Massachusetts Institute of Technology, Cambridge, Massachusetts, February 18, 2006.

"'Calm, But Still Alert': Marketing Stelazine® to Disturbed America, 1958–1980," *Science for Sale? The Public Communication of Science in a Corporate World*, Cornell University, Ithaca, New York, April 17, 2005.

Guest Lectures

"Space Mining: Don't Try This at Home…Or Anywhere Else," *Space and Planetary Law & Governance*, Benedict Kingsbury and Katrina M. Wyman, NYU School of Law, October 28, 2025.

"War in Outer Space: Origins and Problems," *Space and Planetary Law & Governance*, Benedict Kingsbury and Katrina M. Wyman, NYU School of Law, September 30, 2025.

"The Issue is Monkey," *Technology and the Future of Work*, Whitney E. Laemmli, Pratt Institute, October 30, 2024; April 9, 2025.

"A Wing and a Prayer: Risky Design and the Space Shuttle," *Space and Planetary Law & Governance*, Benedict Kingsbury and Katrina M. Wyman, NYU School of Law, February 4, 2025.

"The Past and Future of Technological Disruption," *Gen Ed 1188: Introduction to Generative AI*, Christopher Stubbs and Logan McCarty, Harvard University, April 4, 2024.

"Politics in Space," in HSCI S-111: *Science and Politics: Current Debates in Historical Perspective*, Liv H. M. J. Grjebine, Harvard University, July 6, 2021.

"Human Spaceflight," in *ES 160: Space Science and Engineering: Theory and Applications*, Robin Wordsworth, Harvard University, November 19, 2015.

"Cyberculture and Cyberpunk," in *STSC 110: Science and Literature*, Mark Adams, University of Pennsylvania, 2012–2017.

Conference Posters

"Space Madness: The Dreaded Disease That Never Was," *History of Science Society Annual Meeting*, Montreal, Canada, November 6, 2010.

"Blue Sky Metropolis: The Aerospace Century in California," *History of Science Society Annual Meeting*, Cleveland, Ohio, November 5, 2011.

FILM, PODCASTS, RADIO, AND TELEVISON:

Chris McDonald and Kate Harrison, "The Challenger Disaster," *Short History Of…,* Noiser, forthcoming.

Nova, PBS, forthcoming (Technical Consultant).

Stephen Kronish, *One Giant Leap*, Atrium TV, forthcoming (Technical Consultant).

Stephen Kronish, *Buzz*, iHeart Podcasts, July 8, 2025 (*https://www.iheart.com/podcast/1119-buzz-273410955/*) (Technical Consultant).

Kevin Fong, *Sixteen Sunsets*, BBC News: World Service, November 7, 2024 (*https://podcasts.apple.com/us/podcast/16-sunsets/id1771470820*).

Devon Frye, "Space Madness: A 'Real' Hollywood Illness," *Psychology Today*, April 1, 2024 (*https://www.psychologytoday.com/us/blog/the-asylum/202404/space-madness-a-real-hollywood-illness*).

Miranda Melcher, "New Books in Technology," *New Books Network*, March 30, 2024 (*https://newbooksnetwork.com/dark-star*).

Polly Hansen, "Under The Radar Pt 1: An Alternate Perspective on the Famed Space Shuttle Program," *Viewpoints*, American Urban Radio Networks, February 11, 2024 (*https://viewpointsradio.org/under-the-radar-pt-1-an-alternate-perspective-on-the-famed-space-shuttle-program/*).

Gavin Newsham, "Why the Space Shuttle Was the Wrong Craft at the Wrong Time," *New York Post*, December 23, 2023 (*https://nypost.com/2023/12/23/lifestyle/why-the-space-shuttle-was-the-wrong-craft-at-the-wrong-time/*).

Apollo: The Ultimate Experience, Label News (France), 2019.

Peter Jones, *Blue Sky Metropolis: The Aerospace Century in Southern California*, PBS, 2019.

Michael Robinson, "Episode 19: Inventing the American Astronaut," *Time to Eat The Dogs: On Science, History, and Exploration,* February 19, 2018 (*https://timetoeatthedogs.com/2018/02/19/podcast-19-inventing-the-american-astronaut/*).

Dan Loney, "NASA Mission to Pluto," *Knowledge@Wharton*, SiriusXM Channel 111, July 16, 2015 (*https://businessradio.wharton.upenn.edu/bestof/knowledge-@wharton/?u=be471f42-577d-4b7e-804e-310c3f60f1f7*).

Kaitlin Stack Whitney, "Perpetual Notion Machine," WORT 89.9 FM (Madison, Wisconsin Public Radio), October 3, 2013 (*http://www.wortfm.org/october-3-2013-dr-matthew-hersch-history-of-early-spaceflight-and-astronauts/*).

Kevin Gotkin and Rebecca Stein, "Episode #27: Rays of Imagination," *3620 Podcast*, Annenberg School for Communication, University of Pennsylvania, May 6, 2013 (*http://podcast.asc.upenn.edu/*).

National History Center, "Commercialization of Space Travel and Human Participation in Space Exploration," United States House of Representatives, Washington, DC, June 15, 2012 (broadcast on August 18, 2012, C-SPAN 3) (*http://www.c-spanvideo.org/program/SpaceTrav*).

Gallery of Everyday Things, "Underwear," (Australian Television), 2011.

"Matthew Hersch and the History of the Space Suit," Jerome and Dorothy Lemelson Center for the Study of Invention and Innovation, Smithsonian Institution, National Museum of American History, 2011 (*http://invention.smithsonian.org/video/*).

"Fly Me to the Moon: The Apollo Checklists," *Ask an Expert*, Smithsonian Institution, National Air and Space Museum, 2008 (*http://www.nasm.si.edu/events/apollo11/video/video7.cfm*).

PRINT AND ONLINE INTERVIEWS:

Olivier Monod, "Mission de survol de la Lune Artemis 2 : «Nous entrons dans une nouvelle ère de la conquête spatiale»," *Libération* (French), April 1, 2026 (https://www.liberation.fr/sciences/espace/mission-lunaire-artemis-2-nous-entrons-dans-une-nouvelle-ere-de-la-conquete-spatiale-20260401_A3CGWHD55RAFNHBIN77657LRZU/).

Rebecca Heilweil, "Welcome to the Age of Billionaire Joyrides to Space," *Vox.com*, July 20, 2021 (*https://www.vox.com/recode/22583997/billionaires-blue-origin-elon-musk-jeff-bezos-rockets-planes-commercial-space-tourism*).

Meghan Bartels, "As Space Billionaires Take Flight, 'The Right Stuff' for Space Travel Enters a New Era," Space.com, July 9, 2021 (*https://www.space.com/billionaires-spaceflight-right-stuff-astronaut-idea*).

Tim McMillan, "Inside the Pentagon's Secret UFO Program," Popular Mechanics, February 14, 2020 (*https://www.popularmechanics.com/military/research/a30916275/government-secret-ufo-program-investigation/*).

Samantha Masunaga, "U.S. Astronauts are Climbing Back into Space Capsules. Here's How They've Improved over the Past 50 Years," *Los Angeles Times*, September 15, 2017 (*http://www.latimes.com/business/la-fi-boeing-spacex-capsules-20170913-htmlstory.html*).

Jason Davis, "A Repeat of the Space Shuttle's Bold Test Flight? NASA Considers Crew Aboard First SLS Mission," *The Planetary Society*, Mach 23, 2017 (*http://www.planetary.org/blogs/jason-davis/2017/20170323-crew-aboard-em-1.html*).

Paul Marks, "How Do You Stop Astronauts Going Mad?" *BBC Future*, February 10, 2017 (*http://www.bbc.com/future/story/20170208-how-do-you-stop-astronauts-going-mad*).

Annie M. Goldsmith, "Knife-fighting and Cardboard Bazookas: A Conversation with Matthew Hersch," The *Harvard Crimson*, September 21, 2016 (*https://www.thecrimson.com/article/2016/9/21/hersch/*).

Hilary Sargent, "Harvard Professor Guides Students on Make-Believe Space Mission," *Boston.com*, November 12, 2015 (*http://www.boston.com/news/local/massachusetts/2015/11/12/harvard-professor-guides-students-make-believe-space-mission/tJOZF4PIHqlGePX98fGk9M/story.html*).

Brittany N. Ellis and Aidan F. Langston, "In Out of the Box Lecture, Student Learns From a Cardboard Box," *The Harvard Crimson,* November 12, 2015 (*https://www.thecrimson.com/article/2015/11/12/space-capsule-project-history/*).

Matt Stevens, "How the West Won Me Over," *Huntington Blogs*, December 15, 2011 (*https://www.huntington.org/verso/2018/08/exhibitions-how-west-won-me-over*).

Pete Spotts, "After the Space Shuttle, Astronaut Corps Awaits a New Mission: NASA's Once-Iconic Astronaut Corps Will Shrink But Still Play a Vital Role as the Space Shuttle Era Comes to an End," *Christian Science Monitor*, May 16, 2011 (*https://www.csmonitor.com/USA/Society/2011/0516/After-the-space-shuttle-astronaut-corps-awaits-a-new-mission*).

Katharina Bochsler, "War da was? Die Raumfahrt in den 1970er Jahren," DRS 2 (Swiss Radio and Television), May 9, 2012 (*http://www.drs2.ch/www/de/drs2/sendungen/kontext/5005.sh10222998.html*).

Jeremy Hsu "Why 'Space Madness' Fears Haunted NASA's Past," *Space.com*, April 18, 2012 (*https://www.space.com/15325-astronauts-space-madness.html*).

On the Media, "Space Madness, Real and Imagined," National Public Radio, December 16, 2011 (*https://www.wnycstudios.org/podcasts/otm/segments/176258-space-madness-real-and-imagined*).

TEACHING EXPERIENCE:

Seton Hall University

INDL7345: *Space Law*, School of Law.

New York University

LAW-LW.11160.001: *Legal History* (Teaching Assistant), School of Law.

LAW-LW.10331.001: *Space and Planetary Law & Governance* (Guest Lecturer), School of Law.

Harvard University

"Proposal to the EPC for a New Undergraduate Concentration Focus in Technology, Information, and Society," with Professor Anne Harrington, 2017.

HISTSCI 181/1821: *Humans in Space: Past, Present, Future*, Department of the History of Science.

HISTSCI 182/1820: *An American Way of War: Technology and Warfare*, Department of the History of Science.

HISTSCI 188/1825: *Open Minds, Wired Worlds: Computers and Cyberculture*, Department of the History of Science.

HISTSCI 189/1829: *The World We Made: Technology and Society*, Department of the History of Science.

HISTSCI 283/2843: *Sources and Methods in the History of Technology*, Department of the History of Science.

HISTSCI 287: *Teaching the History of Science and Technology*, Department of the History of Science.

HISTSCI 288/2848: *The Digital Age: Sources and Methods*, Department of the History of Science.

University of Pennsylvania

EAS 203: *Engineering Ethics*, Department of Bioengineering.

STSC 001: *The Emergence of Modern Science*, Department of History and Sociology of Science.

STSC 003: *Technology and Society*, Department of History and Sociology of Science.

STSC 062: *The American Way of War*, Department of History and Sociology of Science.

STSC 160: *The Information Age*, Department of History and Sociology of Science.

STSC 212: *Science, Technology, and Warfare*, Department of History and Sociology of Science.

STSC 260: *Cyberculture*, Department of History and Sociology of Science.

STSC 312: *Weapons of Mass Destruction*, Department of History and Sociology of Science.

University of Southern California

HIST 300: *Approaches to History: The America You Never Knew*, Department of History.

HIST 498: *I Am Become Death: A Social History of Nuclear Weapons*, Department of History.

ADVISING:

PhD Candidates

Taylor Coplen (Committee Member, PhD Dissertation, History of Science, Harvard University).

Mark Chen (Committee Member, PhD Dissertation, East Asian Languages and Civilizations, Harvard University).

Subo Wijeyeratne, *Red Sun Rising: Individuals, Institutions, and Infrastructure in Japan's Space Program, 1920–2003* (Committee Member, PhD Dissertation, History, Harvard University, 2020).

Daniel Volmar *The Computer in the Garbage Can: Air-Defense Systems in the Organization of US Nuclear Command and Control, 1940–1960* (Committee Member, PhD Dissertation, History of Science, Harvard University, 2018).

Jordan Bimm, *Anticipating the Astronaut: Subject Formation in Early American Space Medicine, 1949–1959* (Committee Member, PhD Dissertation, History, York University, 2018).

Hicham Awad (General Examination Field in the History of Technology, Harvard University, 2017).

AM Candidates

Victoria Calef, *Reconsidering Lyndon B. Johnson's Role in an Updated Sputnik Story* (ALM Thesis, Division of Continuing Education, Harvard University, 2023).

Jack Romano, *The Origins of the Visual Representation of Hyperlink on the Web: A Case Study in Skeuomorphism* (ALM Thesis, Division of Continuing Education, Harvard University, 2016).

Alexandria M. King-Close, *A Gender Analysis of Cyber War* (ALM Thesis in International Relations, Division of Continuing Education, Harvard University, 2016).

AB Candidates

Abigail Fennelly, *Resistance to Offshore Wind Development* (AB Honors Thesis, Science, History of Science, Harvard College, 2024).

Christopher Alitzer, *Understanding the History of Environmental Science Education at Harvard College* (AB Honors Thesis, Science, History of Science, Harvard College, 2021).

Elise Chenevey, Commercial Space Flight (AB Honors Thesis, Applied Math, Harvard College, 2023) (Second Reader).

Becina Ganther, *Power and Protests: Advocating Science for the People* (AB Honors Thesis, Science, History of Science, Harvard College, 2020).

Alvaro Quintero (AB Honors, Science, History of Science, Harvard College, 2019); Rosenkrantz Discovery Grant Mentor, History of Science, 2017.

Ty Aderhold, *The Vaccine Hearings: The Congressional Exploration of Anti-Vaccine Science from 1999–2004* (AB Honors Thesis, History of Science, Harvard College, 2016).

Will Corbitt, *Boeing: Seattle's Sporadic Spouse* (BA Honors Thesis, Science, Technology and Society, University of Pennsylvania, 2012).

Visiting Scholars, Postdoctoral Researchers, and Others

Jeffrey S. Nesbit, *Spaceport: Technical Lands for Departing Earth* (DDes, Harvard Graduate School of Design, 2020).

Daniel Zizzamia, PhD, (Solar Geoengineering Research Program Fellowship, Harvard University, 2018–2019).

Francisco Saez de Adana, PhD (Visiting Scholar at Harvard University, Universidad de Alcalá, Madrid, Spain, 2016).

Undergraduate Student Independent Study

Charlie Horowitz (History of the Internet, Spring 2019), Department of the History of Science, Harvard University.

Alexander Zimmer (History of Textile Manufacture, Spring 2019), Department of the History of Science, Harvard University.

Graduate Student Independent Study

Hannah Conway (History of Spaceflight, Fall 2015), Department of the History of Science, Harvard University.

Mark Chen (History of Computing, Fall 2023), Department of the History of Science, Harvard University.

UNIVERSITY SERVICE:

Member, Hoopes Prize Social Sciences Committee, Harvard College.

Application Evaluator, Harvard College Research Program.

Member, Harvard Votes Challenge.

Member, Senior Common Room, Pforzheimer House, Harvard College.

Faculty Fellow, Women's Lacrosse Team, Harvard University.

Organizing Committee, Panelist, and Discussant, Conference on Interactivity, Harvard Initiative for Learning and Teaching, Harvard University.

DEPARTMENT SERVICE:

Chair and Co-Chair, Graduate Professionalization Committee, Department of the History of Science, Harvard University.

Advisor, Honors-Eligible Focus in Technology, Information and Society, Science and Society Track, History and Science Concentration, Department of the History of Science, Harvard University.

Member, Graduate Admissions Committee, Department of the History of Science.

Member, Committee on Undergraduate Awards, Department of the History of Science, Harvard University.

Member, Curriculum Committee, Department of the History of Science, Harvard University.

Member, Lecturer Search Committee (History of Technology, History of Biotechnology), Department of the History of Science, Harvard University.

Member, Tenure-Track Search Committee (Science and Technology in Modern East Asia), Department of the History of Science, Harvard University.

Member, Tenure-Track Search Committee (Modern and Contemporary Physics), Department of the History of Science, Harvard University.

Member, Rosencrantz Fellowship Committee, Department of the History of Science, Harvard University.

PROFESSIONAL SERVICE:

Member, Sally Hacker Prize Committee; Member, Da Vinci Prize Committee; Member, SHOT-NASA Fellowship in the History of Space Technology Selection Committee; Co-Chair and Member, Robinson Prize Committee; Member, Society for the History of Technology.

Inaugural Chair, Joint AHA/HSS/SHOT/NASA Fellowship Prize Committee.

Co-Convener, Technology Working Group; Member, Fellowship Committee, Consortium for History of Science, Technology and Medicine.

Member, Editorial Board, *Encyclopedia of the History of Science*, Carnegie Mellon University.

Member, History of Science Society.

Member, American Historical Association.

Member, American Culture Association/Popular Culture Association.

Peer Referee: American Historical Association; American Philosophical Society; Anthem Press; Caltech; Cambridge University Press; Canadian Institute for Advanced Research; Consortium for History of Science, Technology and Medicine; Duke University Press; History of Science Society; Institute for Advanced Study; Johns Hopkins University Press; MIT Press; National Endowment for the Humanities; National Science Centre (Poland); National Science Foundation; Oxford University Press; Palgrave Macmillan; Purdue University Press; Routledge; Smithsonian Institution; Society for the History of Technology; University of Chicago Press; University of Pittsburgh Press; University Press of Florida; Yale University Press; *Australian Journal of Politics & History*; *Aviation Historical Studies*; *British Journal for the History of Science*; *Endeavour*; *Historical Studies in the Natural Sciences*; *History and Technology*; *Information and Culture; Isis; Journal of Popular Culture; New England Journal of Medicine; Polish Political Science Review; Social Studies of Science*; *Space Policy; Technology and Culture*.