

ERIC S. HINTZ, PhD

Historian, Lemelson Center for the Study of Invention and Innovation
National Museum of American History, Smithsonian Institution
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CURRENT EMPLOYMENT

2010 – present Historian, Lemelson Center for the Study of Invention and Innovation
National Museum of American History, Smithsonian Institution

EDUCATION

University of Pennsylvania: Philadelphia, Pennsylvania, 2003-2010

Ph.D., History and Sociology of Science, May 2010

- Advisors: Ruth Schwartz Cowan, M. Susan Lindee, Walter Licht, W. Bernard Carlson
- Fields: History of Technology, Science Studies, US Business and Economic History
- Dissertation: “The Post-Heroic Generation: American Independent Inventors, 1900-1950”

M.A., History and Sociology of Science, August 2005

- Thesis: “*Pacem in Terris*: The Catholic Church and Cold War Nuclear Diplomacy”

Teaching Certificate, Penn Center for Teaching and Learning, May 2009

University of Notre Dame: Notre Dame, Indiana, 1992-1996

B.S., Aerospace Engineering, *cum laude*

RESEARCH INTERESTS

Invention, innovation, and R&D; U.S. business-economic history; high-tech clusters and economic geography; sports science and technology; science, technology, and religion (especially Catholicism)

PUBLICATIONS

- **Books** -

[*American Independent Inventors in an Era of Corporate R&D*](#) (Cambridge, MA: MIT Press, 2021).

[*Does America Need More Innovators?*](#) Edited by Matthew Wisnioski, Eric S. Hintz, and Marie Stettler Kleine (Cambridge, MA: MIT Press, 2019).

(in preparation) *Game Changers: Inventors and Technology in Sports*, a companion volume to the forthcoming NMAH exhibition (expected 2023).

- Peer-Reviewed Journal Articles -

(in preparation) "Moneyball: The Computational Turn in Professional Sports Management," for eventual submission to *IEEE Annals of the History of Computing*, *Journal of Sports History* or similar

(in preparation) "*Pacem in Terris*: Pope John XXIII's Cold War Nuclear Diplomacy," for eventual submission to *Diplomatic History*, *Cold War History*, *Catholic Historical Review* or similar

"Susan Kare: Design Icon," [*IEEE Annals of the History of Computing*](#) 40, no. 2 (Apr-Jun 2018): 48-61.

"'Selling the Research Idea': The Pre-History and Genesis of the Industrial Research Institute, 1916-1945," [*Research-Technology Management*](#) 56, no. 6 (November-December 2013): 46-50.

"The Post-Heroic Generation: American Independent Inventors, 1900-1950," [*Enterprise & Society*](#) 12, no. 4 (Dec 2011): 732-748.

**Finalist, 2011 Krooss Dissertation Prize, Business History Conference

"Portable Power: Inventor Samuel Ruben and the Birth of Duracell." [*Technology and Culture*](#) 50, no. 1 (January 2009): 24-57.

**Winner, 2007 Levinson Prize (best unpublished manuscript), Soc. for History of Technology

**German translation in Jan Müggenburg ed., [*Reichweitenangst: Batterien und Akkus als Medien des Digitalen Zeitalters*](#) (Transcript Independent Academic Publishing, 2020).

- Peer-Reviewed Book Chapters -

(in preparation) "Fairness and Accuracy," in *Game Changers: Inventors and Technology in Sports*

"Failed Inventor Initiatives from the Franklin Institute to Quirky," in [*Does America Need More Innovators?*](#), edited by Matthew Wisnioski, Eric S. Hintz, and Marie Stettler Kleine (Cambridge, MA: MIT Press, 2019): 165-189.

"The 'Monopoly' Hearings, Its Critics, and the Limits of Patent Reform in the New Deal,"

In [*Capital Gains: Business and Politics in Twentieth-Century America*](#), ed. Richard R. John and Kim Phillips-Fein (Philadelphia: University of Pennsylvania Press, 2017): 61-79.

"Hartford, CT (Late 1800s): Factory Town Puts the Pieces Together in Explosive New Ways." In [*Places of Invention*](#), ed. Arthur P. Molella and Anna Karvellas (Washington, DC: Smithsonian Institution Scholarly Press, 2015): 110-135.

"Silicon Valley (1970s-1980s): Suburban Garage Hackers + Lab Researchers = Personal Computing." In [*Places of Invention*](#), ed. Arthur P. Molella and Anna Karvellas (Washington, DC: Smithsonian Institution Scholarly Press, 2015): 14-41.

"'Heroes of the Laboratory and the Workshop': Invention and Technology in Books for Children, 1850-1900." In [*Enterprising Youth: Social Values and Acculturation in Nineteenth-Century American Children's Literature*](#), ed. Monika Elbert (New York: Routledge, 2008): 197-211.

- Other Publications: Newspapers, Magazines, Conference Reports, Reprints, etc -

(in preparation) *Black Inventors and Innovators: New Perspectives*, a report on the Lemelson Center symposium, November 2020.

“Remembering Apple’s ‘1984’ Super Bowl Ad.” In *Digital Marketing Fundamentals*, Course One, by Shawn Moore and Adam Wilkins, edited by Rebecca Saloustros (Vancouver, BC: Mujo Learning Systems, 2016): 44-46. Reprint of NMAH [blog post](#) from 22 January 2014 (see below).

[“Miniature Power,”](#) *Chemical Heritage* 30, no. 1 (Spring 2012): 8-9.

[“Creative Financing: The Rise of Cash Prizes for Innovation Is a Response to Changing Business Conditions—and a Return to a Winning Strategy,”](#) *Wall Street Journal*, 27 September 2010, p. R8.

“Flashes of Genius: The Fate of Maverick Inventors,” *Science and Spirit* 18, no. 4 (Sept-Oct 2007): 44-5.

“Electrochemical Careers: Samuel Ruben and the Button Battery,” *Chemical Heritage* 24, no. 1 (Spring 2006): 30-31.

“Science and Religion in Context: Metanexus Meets in Philadelphia,” *The Spiral: Newsletter of the Metanexus Institute on Religion and Science* 5, no. 2 (Fall 2004): 1, 10-12.

- Online Articles, Blog Posts, etc -

I post regularly at the [Lemelson Center’s Blog](#)...

- [“The Fosbury Flop: A Game Changing Technique,”](#) 8 April 2021
- [“Game Changers Team Presents Its Research at SHOT,”](#) 2 October 2020
- [“New Books by Lemelson Center Alumni Fellows,”](#) 31 July 2020
- [“Branch Rickey, Baseball Innovator,”](#) 17 January 2020
- [“Making a Book About Making Innovators,”](#) 18 July 2019
- [“The Mother of All Demos,”](#) 10 December 2018
- [“Sporting Invention: Applying the IPOP Framework,”](#) 30 August 2018
- [“Patent Models and Prototypes on Display,”](#) 18 June 2018
- [“Susan Kare, Iconic Designer,”](#) 4 May 2018
- [“A Cool Story About A/C Inventor Garthen Leslie,”](#) 19 February 2018
- [“Kudos to Our Alumni Fellows,”](#) 30 November 2017
- [“Immigrant Inventors Giving Back,”](#) 10 October 2017
- [“Maintain It,”](#) 10 August 2017
- [“In Uncle Sam’s Service: WWI Inventor William J. Hammer,”](#) 15 June 2017
- [“Counting Women Inventors,”](#) 21 March 2017
- [“Benjamin Franklin’s Inventions,”](#) 16 December 2016
- [“An Early Attempt to Build a ‘National Museum for Colored People,’”](#) 15 September 2016
- [“America Participates in Innovation, Part 2 \(2000s\)”](#) 23 June 2016
- [“America Participates in Innovation, Part 1 \(1800s\)”](#) 25 March 2016
- [“Alumni Fellows Claim 2015 SHOT Awards,”](#) 29 October 2015
- [“Touring the Precision Valley,”](#) 10 September 2015
- [“An Interview with Albert A. Pope,”](#) April 2015
- [“The Rise of Innovation Districts,”](#) 1 July 2014
- [“A Day at the Armory,”](#) 12 December 2013

- [“Inventing the Surveillance Society,”](#) 30 September 2013
- [“Historic Silicon Valley Bar and Restaurant Review,”](#) 9 September 2013
- [“Perks of the Job: Up Close and Personal with the Jazz Collections,”](#) 9 April 2013
- [“Yankee Ingenuity: Hartford, CT”](#) 7 February 2013
- “Behind the Scenes at the Political Machines Symposium,” 15 November 2012
- “Political Machines Speakers in the News,” 31 October 2012
- “Political Machines,” 21 September 2012
- [“In Residence: The Lemelson Center 2012 Fellows,”](#) 9 August 2012
- [“Rediscovering the Lost Art of Tinkering,”](#) 19 June 2012

[Remembering Apple’s “1984” Super Bowl ad](#), O Say Can You See? blog, National Museum of American History, Smithsonian Institution, 22 Jan 2014.**re-printed in *Digital Marketing Fundamentals*

[“Inventing the Surveillance Society,”](#) Center for the Future of Museums blog, American Alliance of Museums, 10 October 2013.

[“Going Solo: Reconsidering the Role of the Lone Inventor,”](#) Forbes.com, 7 June 2012.

[“Samuel Colt...and sewing machines? Part 1](#) and [Part 2,”](#) O Say Can You See? blog, National Museum of American History, Smithsonian Institution, 6-7 June 2012. Republished at [ConnecticutHistory.org](#), 19 July 2014 (Samuel Colt’s 200th birthday!)

[“Remembering Steve Jobs,”](#) O Say Can You See? blog, National Museum of American History, Smithsonian Institution, 6 October 2011.

[“‘A Swindling Concern’: The National Institute of Inventors, 1914-1925,”](#) *Proceedings of the 2009 IEEE Conference on the History of Technical Societies*, 5-7 August 2009, on IEEE Xplore.

[“The Invisible Inventor?”](#) *Prototype*: Newsletter of the Lemelson Center, Smithsonian Institution, August 2009.

[“Independent Inventors in an Era of Burgeoning Research and Development,”](#) *Business and Economic History Online* vol. 5 (2007).

**Winner, 2007 K. Austin Kerr Prize (best debut paper), Business History Conference

- Essay and Book Reviews, Book Blurbs, etc -

Back cover blurb for Jill D. Snider, [Lucean Arthur Headen: The Making of a Black Inventor and Entrepreneur](#) (UNC Press, 2020).

Review of [A Triumph of Genius: Edwin Land, Polaroid, and the Kodak Patent War](#). By Ronald K. Fierstein. Chicago: Ankerwycke, 2015. *Business History Review* 90, no. 1 (Spring 2016): 131-133.

Review of [Tesla: Inventor of the Electrical Age](#). By W. Bernard Carlson. Princeton, NJ: Princeton University Press, 2013. *Business History Review* 88, no. 2 (Summer 2014): 394-396.

Review of [Changes in the Technological Landscape: Essays in the History of Science and Technology](#). By Svante Lindqvist. Sagamore Beach, MA: Science History Publications, 2011. *Chemical Heritage* 29, no. 3 (Fall 2011/Winter 2012): 47.

Essay Review of [*The Power Makers: Steam, Electricity, and the Men Who Invented America*](#). By Maury Klein. New York: Bloomsbury Press, 2008. *Business History Review* 85 (Winter 2011): 807-12.

Review of [*Edison's Electric Light: The Art of Invention*](#). By Robert Friedel and Paul Israel. Baltimore: Johns Hopkins Univ. Press, 2010. *Technology and Culture* 52, no. 4 (Oct 2011): 22-24.

Review of [*The Challenge of Remaining Innovative: Insights from Twentieth-Century American Business*](#). Edited by Sally H. Clarke, Naomi R. Lamoreaux, and Steven W. Usselman. Stanford: Stanford Business Books, 2009. *Technology and Culture* 51, no. 2 (April 2010): 520-521.

Review of [*The Mantra of Efficiency: From Waterwheel to Social Control*](#). By Jennifer Alexander. Baltimore: Johns Hopkins U. Press, 2008. *Enterprise & Society* 10, no. 1 (March 2009): 216-18.

Review of [*The Democratization of Invention: Patents and Copyrights in American Economic Development, 1790-1920*](#). By B. Zorina Khan. New York: Cambridge Univ. Press, 2005. *Technology and Culture* 49, no. 1 (January 2008): 270-272.

Review of [*Andrew Carnegie*](#). By David Nasaw. New York: Penguin, 2006. *Technology and Culture* 48, no. 4 (October 2007): 884-885.

PRESENTATIONS

- Invited Talks-

"Three Centuries of Innovation in the Connecticut River Valley," Connecticut River Museum, Essex, CT, April 2021.

"Three Centuries of Innovation in the Connecticut River Valley," Springfield Museums, Springfield, MA, January 2020.

(with Arthur Daemmrich) "Places of Invention and Innovation: Is the Future Clustered or Dispersed?" Fidelity Inventors Club, Fidelity Investments, Boston, MA, June 2019.

"Ingenious Yankees: Three Centuries of Innovation in Hartford," UConn Chapter, National Academy of Inventors, Mark Twain House, Hartford, CT, February 2019.

"The Return of the Lone Inventor," History Seminar on Contemporary Science and Technology, National Air and Space Museum, Smithsonian Institution, January 2018.

"Yankee Ingenuity: Innovation in Hartford," Connecticut Historical Society, Hartford, CT, Dec. 2016.

"Hartford, CT (late 1800s): Factory Town Puts the Pieces Together in Explosive New Ways," Precision Valley Symposium, National Park Service, Springfield Armory National Historic Site, Springfield, Massachusetts, May 2015.

"Hartford as a Place of Invention," Innovation Breakfast, Metro Hartford Alliance, Hartford, CT, September 2012.

“Career Opportunities at the National Museum of American History,” Diversity Breakfast, University of Notre Dame Career Center, South Bend, IN, September 2012.

“The Post-Heroic Generation: American Independent Inventors, 1900-1950,” plenary session, Business History Conference, St. Louis, March-April 2011 ** Finalist, Herman E. Krooss Dissertation Prize.

“The Post-Heroic Generation: American Independent Inventors, 1900-1950,” Harvard Business School, Boston, Massachusetts, November 2009.

“The ‘Disappearing’ Inventor: Or, How Independent Inventors Were Rendered Invisible,” Lees Seminar, Rutgers University-Camden, January 2009.

- Conference/Workshop Talks and Other Presentations -

“American Independent Inventors in an Era of Corporate R&D,” Business History Conference, Virtual, March 2021.

“Moneyball: The Computational Turn in Professional Sports Management,” History of Technology working group, Consortium for the History of Science, Technology, and Medicine, October 2020.

“Moneyball: The Computational Turn in Professional Sports Management,” Society for the History of Technology, online instead of New Orleans, LA, October 2020. **Sessions Organizer: “Science, Technology, Innovation, and Sports I and II (8 total papers).”

Invited guest, “Career Conversations: Working at the Smithsonian with Dr. Eric Hintz,” Higher Ed Career Conversations, Office of Professional Development, UMass Amherst, April 2020.

Invited presenter, re: excerpts from *American Independent Inventors*, in “Critical Innovation Studies” graduate seminar (STS 6614), Virginia Tech, instructor Matthew Wisnioski, February 2020.

(with Matthew Wisnioski) “Does America Need More Innovators?” National Museum of American History colloquium and book signing, Washington, DC, June 2019.

Moderator, “Machines: Connections between technology and religious practice,” [Religion and Innovation](#) symposium, National Museum of American History, Washington, DC, April 2019.

“Does America Need More Innovators?” Business History Conference, Cartagena, Colombia, March 2019

Invited Panelist, “Digital Archives and Other Electronic Resources for Business Historians,” Business History Conference, Cartagena, Colombia, March 2019.

Session co-organizer, “Teaching the History of Capitalism,” Business History Conference, Baltimore, MD, April 2018

Comment on three papers, session: “Patents, R&D, and Finance,” Business History Conference, Baltimore, MD, April 2018.

“The Return of the Lone Inventor,” Society for the History of Technology, Philadelphia, PA, October 2017. **Session Organizer: “Fostering Postwar Innovation: A Collection of Schemes.”

Moderator, on-stage interview with Associate Director Catherine Egleton, National Museum of American History, Smithsonian Institution, Washington, DC, April 2017

“Places of Invention: Regional Clusters on Display at NMAH,” Business History Conference, Portland, OR, April 2016. **Session Organizer: “Business History as Public History”

“Susan Kare: Design Icon,” Special Interest Group for Computers, Information, and Society (SIGCIS), Society for the History of Technology, Albuquerque, NM, October 2015.

“Writing Groups at NMAH,” Congress of Scholars, National Museum of American History, Smithsonian Institution, Washington, DC, August 2015.

“A Tale of Two Institutes: Services for Inventors at the Franklin Institute and American Institute, circa 1824-1950,” Can Innovators Be Made? Virginia Tech-Lemelson Center workshop, Arlington, VA and Washington, DC, March 2015. **Workshop co-organizer.

Panelist, “Smithsonian Fellowship Opportunities,” Smithsonian Institution Career Center Conference, National Museum of American History, Washington, DC, December 2014.

“Invent for Victory! Mobilizing American Independent Inventors during World War II,” Society for the History of Technology, Dearborn, Michigan, November 2014.

Comment on three papers, session: “The German Influence on the Evolution of American Corporate R&D, 1900-1941,” Business History Conference, Frankfurt, Germany, March 2014.

“The Modern Pioneers Program: Or, How the National Association of Manufacturers Helped Stifle Depression-Era Patent Reform,” Conference on Business and Politics in Twentieth Century America, Hagley Museum and Library, Wilmington, Delaware, November 2013.

“The Depression-Era ‘Monopoly’ Committee and the Elusiveness of Patent Reform,” Society for the History of Technology, Copenhagen, Denmark, October 2012.

“Rugged Altruism: Philanthropy Among American Immigrant-Inventors and Entrepreneurs,” Immigration and Entrepreneurship: An Interdisciplinary Conference, co-sponsored by the German Historical Institute and Univ. of Maryland, College Park, MD, September 2012.

Comment on three papers, session: “The Patenting of Innovation,” Business History Conference, Philadelphia, PA, March 2012.

Comment on three papers, session: “Mail Order Science,” History of Science Society, Cleveland, OH, November 2011.

“American Enterprise: An Exhibition in Development,” National Museum of American History Colloquium, Washington, DC, January 2012, with fellow curators David Allison, Peter Liebhold, Nancy Davis, and Kathy Franz.

“‘Selling the Research Idea’: The National Research Council’s Promotion of Industrial Research, 1916-1945,” Business History Conference, St. Louis, March-April 2011

“‘Selling the Research Idea’: The National Research Council’s Promotion of Industrial Research, 1916-1945,” History of Science Society, Montreal, November 2010

- “The Post-Heroic Generation: American Independent Inventors, 1900-1950”
Diss. Defense, Dept. of History and Sociology of Science, Univ. of Pennsylvania, March 2010
- “‘A Swindling Concern’: The National Institute of Inventors, 1914-1925”
Panel Organizer: Enabling Innovation: Inventors and Their (Supposed) Allies in Law, the Media, and the Market, Society for the History of Technology, Pittsburgh, October 2009.
- “‘A Swindling Concern’: The National Institute of Inventors, 1914-1925”
IEEE Conference on the History of Technical Societies, Philadelphia, August 2009.
- “The Professional Lives of American Independent Inventors, 1900-1950” Chemical Heritage Foundation and the Philadelphia Area Center for History of Science, Philadelphia, April 2009.
- “The Post-Heroic Generation: American Independent Inventors, 1900-1950,” Hagley Museum and Library, Wilmington, Delaware, May 2008
- “Independent Inventor Collections at the NMAH,” Lemelson Center for the Study of Invention and Innovation, Smithsonian National Museum of American History, Washington, DC, October 2007.
- “Independent Inventors in an Era of Burgeoning Research and Development”
Business History Conference, Cleveland, Ohio, June 2007.
**Winner, 2007 K. Austin Kerr Prize (best debut paper), Business History Conference
- “The Button Cell Battery: From Wartime Necessity to Commercial Giant”
Conference on “Technological Innovation and the Cold War,” Hagley Museum and Library, Wilmington, Delaware, March 2007.
- “From Delayed to Immediate Animation: The Catholic Church’s Doctrine on the Beginning of Life”
American Catholic Historical Association, Philadelphia, January 2006.
- “Electrochemical Careers: Samuel Ruben and the Button Battery”
Chemical Heritage Foundation, Philadelphia, August 2005.
- “Examining Religion and Technology: Nuclear Weapons and the Roman Catholic Church”
“Science and Religion: Global Perspectives,” Metanexus Institute, Philadelphia, June 2005
- “*Pacem in Terris*: The Catholic Church and Cold War Nuclear Diplomacy”
Society for the History of Technology, Amsterdam, October 2004.

EXHIBITIONS and CURATORIAL ACTIVITIES

- Co-curator, [Game Changers](#), re: invention and technology in sports, NMAH (expected 2023)
- Co-curator, *The Electric Dr. Franklin*, re: Ben Franklin’s electrical science, NMAH (expected 2022)
- Co-curator, [My Computing Device](#), re: abacuses, slides rules, and mobile phones, NMAH (opened 2019)
- Co-curator, [Places of Invention](#), re: inventive communities, NMAH (opened 2015)
**Winner, 2016 Dibner Award for Excellence in Museum Exhibits, Soc. for the Hist. of Tech.
**Winner, 2017 Smithsonian Excellence in Exhibitions Award
- Co-curator (2010-2013), [American Enterprise](#), re: US business-economic history, NMAH (opened 2015)
- Co-curator, [HIV and AIDS Thirty Years Ago](#), re: the emerging crisis ca. 1981, NMAH, (opened 2011)

MEDIA APPEARANCES

Hewlett Packard, quoted in [“Innovation begins in the garage,”](#) 12/1/2017
Grating the Nutmeg, podcast presentation, [“Hartford as a Place of Invention,”](#) 12/27/2016
Popular Science, quoted in Rachel Nuwer, [“The Inventor’s Handbook,”](#) May-June 2016
New York Times, quoted in Natalie Angier, [“The Bicycle and the Ride to Modern America,”](#) 7/13/2015
Hartford Courant, quoted in [“Hartford’s History of Invention...in New Smithsonian Exhibit,”](#) 7/2/2015
Marketplace, National Public Radio, interviewed for [“New chapter in Duracell’s history,”](#) 10/24/2014
NBC News, quoted in Harriet Baskas, [“Museums Urged to Think More Like Ben & Jerry’s,”](#) 3/24/2014
Center for the Future of Museums (AAM), quoted in [Trendswatch 2014](#) report, pp. 32-39, 3/18/2014
Harriet Baskas, quoted in [Hidden Treasures: What Museums Can’t or Won’t Show You](#), pp. 109-11, 2013
Popular Science, quoted in [“FYI: When Did People Start Inventing Things in The Garage?”](#) May 2013
C-SPAN 3’s American History TV, moderator, [“Campaign and Election Tactics,”](#) 11/2/2012
Hartford Courant, quoted in [“Inventive Hartford Wins Smithsonian Recognition,”](#) 7/29/2012
MSNBC Live, live cable television interview re: America Competes Act and invention prizes, 12/30/2010
Legal Talk Network, podcast interview, [“Cash for Innovation,”](#) re: innovation prizes, 10/28/2010

CONFERENCES, SYMPOSIA, WORKSHOPS, PUBLIC PROGRAMS

- COORDINATOR: WORKSHOPS and SYMPOSIA –

[Black Inventors and Innovators: New Perspectives](#), NMAH, November 2020
[Religion and Innovation](#), co-coordinator with Peter Manseau, Lauren Safranek, NMAH, April 2019
[Video Games and Interactivity](#), co-coordinator with Arthur Daemmrich, Drew Robarge, NMAH, Nov 2018
[Something Ventured: Risk & Failure in Invention & Innovation](#), NMAH, Oct. 13-15, 2016
[Can Innovators Be Made?: A Dialogue on Innovation Expertise](#), co-coordinator with Matthew Wisnioski and Marie Stettler Kleine, NMAH/Virginia Tech, March 20-21, 2015
[Inventing the Surveillance Society](#), National Museum of American History, Oct 25, 2013
[Political Machines: Innovations in Campaigns and Elections](#), Nat. Mus. of Amer. History, Nov 2-3, 2012
[Moving Beyond Earth: Innovations in Space](#), National Air and Space Museum, November 18-19, 2011

- PUBLIC PROGRAMS-

Vaccines, Intellectual Property, and Global Equity, co-producer, NMAH-CPIP, 10 June 2021
Patents on Life: *Diamond v. Chakrabarty* at 40, co-producer, NMAH-CPIP, 17 June 2020
Software as Intellectual Property, co-producer, NMAH-CPIP, 12 June 2019
The Power of Patents and Prizes in American Inventing, co-producer, NMAH-CPIP, Sept 28, 2018
Two Centuries of American Innovation and 10 Million Patents, co-producer, NMAH-CPIP, June 20, 2018
[Innovative Lives: Susan Kare](#), an on-stage interview with Kare, NMAH, May 8, 2017
Objects Out of Storage: Precision Manufacturing in Hartford (with Susan Tolbert), NMAH, July 13, 2016
Objects Out of Storage: Silicon Valley Computing in the 1970s (with Peggy Kidwell), NMAH, May 4, 2016
[Internet Age: Founders to Future](#), moderator for webcast and panel discussion, NMAH, June 11, 2015
Lecture/Book Signing, W. Bernard Carlson, *Tesla: Inventor of the Electrical Age*, producer, 25 June 2013

PREVIOUS WORK EXPERIENCE

- PUBLIC HISTORY and MUSEUMS -

Franklin Institute: Philadelphia, Pennsylvania, 2010

Contract researcher, performing archival research to assemble an institutional history.

National Inventors Hall of Fame: Akron, Ohio, 2009

Contract researcher, performing background research and preparing nominee dossiers.

UPenn History and Sociology of Science (with Mütter Museum): Philadelphia, 2004

Developed an artifact-based course module using medical instruments as a case study.

Hiller Aviation Museum: San Carlos, California, 2002

Curatorial intern, cataloging and documenting new accessions (e.g. deed of gift)

- TEACHING -

University of Pennsylvania: Philadelphia, Pennsylvania, 2004-2010

STSC 003: Technology and Society (Instructor, Summer 2010; Teaching Asst, Spring 2005)

STSC 163: Technology, Innovation, and Business (Instructor, Summer/Fall 2008, Spring 2009)

STSC 003: Bioethics (Teaching Asst., Fall 2004, Fall 2006)

STSC 212: Science, Technology, and War (Teaching Asst., Fall 2005)

Sacred Heart-Cathedral Preparatory High School: San Francisco, 2002-2003

U.S. History, Biology, Chemistry, and SAT Prep (Math)

- OTHER EXPERIENCE -

Metanexus Institute: Philadelphia, Pennsylvania, Summers 2004-2006

Paid intern for a science-religion think tank, assisting with conference prep, research, etc

Institute for the Future: Menlo Park, California, 2002

Research intern for a technology forecasting firm, assisting with conference prep, research.

Accenture: San Francisco, California, 1996-2002

Information technology consultant for a leading services firm.

FELLOWSHIPS and GRANTS ADMINISTRATION, GRANTS RECEIVED

- Program Coordinator – Arthur Molella Distinguished Fellowship (2016 -present) -

- Administer \$35,000 annually in external grants to appoint one senior scholar

- Program Coordinator – Lemelson Center Fellowship Program (2010-present) -

- Administer \$20,000 annually in external grants for 3-4 residential research fellows

- Program Coordinator – Lemelson Center Staff Projects Program (2011-2016) -

- Administered \$7,500 annually in internal grants for 3-4 projects by NMAH-SI staff members

- Research Grants Received -

Postdoctoral Teaching Fellowship, Critical Writing Program, Univ. of Pennsylvania (declined, 2010-2011)
Dissertation Completion Fellowship, University of Pennsylvania (2009-2010)
Critical Writing Teaching Fellowship, University of Pennsylvania (2008-2009)
John E. Rovensky Fellowship in Business/Economic History, Business History Conference (2008-2009)
Research Fellowship, Gilder Lehrman Institute for American History (2008)
Henry Belin du Pont Dissertation Fellowship, Hagley Museum and Library (2008)
Dissertation Research Fellowship, Philadelphia Area Center for History of Science (2008)
Lemelson Center Fellowship, National Museum of American History, Smithsonian Institution (2007)
Doctoral Dissertation Colloquium Honorarium, Business History Conference (2007, 2008)
Departmental Research Grant, History & Sociology of Science, University of Pennsylvania (2007, 2009)
Glenn E. and Barbara Hodsdon Ulliot Scholarship, Chemical Heritage Foundation (2005)
William Penn Graduate Fellowship, University of Pennsylvania (2003-2008)
State Farm Companies Foundation Scholarship (1992-1996)

HONORS and AWARDS

Smithsonian Excellence in Exhibitions Award, for *Places of Invention* (2017)
Dibner Award for Excellence in Museum Exhibitions, for *Places of Invention*, Soc. History of Tech. (2016)
Peer Award for Risk-Taking, with Lemelson Center team, National Museum of American History (2013)
Merit Award for Outstanding Performance, National Museum of American History (2011-2019)
Finalist, Herman E. Krooss Dissertation Prize, Business History Conference (2011)
Levinson Prize (best unpublished manuscript), Society for the History of Technology (2007)
K. Austin Kerr Prize (best debut paper), Business History Conference (2007)
Sigma Gamma Tau National Aerospace Honor Society (1994-1996)

PROFESSIONAL MEMBERSHIPS and SERVICE

National Museum of American History, Smithsonian Institution

- NMAH Library Advisory Committee (2020 -)
- Professional Accomplishments Evaluation Committee (2014-2019)
- Mentor, Smithsonian Mentoring Program (2013-14) and (2017 -)
- Several hiring committees for curators and archivists

Business History Conference (BHC)

- Martha Moore Trescott article prize committee (2020 -2021, chair 2021)
- Trustee (elected, 2017-2020)
- Emerging Scholars Committee (2015-2018, co-chair 2017-18)
- Print Media Oversight Committee (2017-2020, chair 2019-2020)
- Student Coordinator, Doctoral Dissertation Colloquium (2008)

Consortium for the History of Science, Technology, and Medicine (2019 -)

- Co-representative for the Smithsonian Institution
- Annually read and evaluate 100+ CHSTM fellowship applications

Society for the History of Technology (SHOT)

- Sites Committee (2011-2014, chair 2012-2013)

Referee for Peer-Reviewed Journals

- *Technology and Culture*
- *Business History Review*
- *Engineering Studies*
- *ICON: The Journal of the International Committee for the History of Technology*