

Dave Unger

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restlessdevice.com
livingworld.substack.com

Education

Harvard University
Cambridge, MA

PhD, May 2013. History of Science.

Focus on histories of technology, labor, economy, social movements.

University of Chicago
Chicago, IL

BA, June 2002. Anthropology and Archeology.

Experience

Department of the
History of Science,
Harvard University
Cambridge, MA
2018-Present

Lecturer. Develop innovative hands-on, project-based classes integrating practical skills and academic perspectives • Topics include public history, digital storytelling, radical labor history, and cooperative economics.

Collection of Historical
Scientific Instruments,
Harvard University
Cambridge, MA.
2018-Present

Director of Administration and Operations. Develop strategic vision and plan • Lead creation of programming, including exhibits, public lectures, and digital projects • Develop, research, and write exhibit content • Manage team of museum professionals • Oversee budget • Manage donor relations and grant applications • Serve as primary interface between collection and university administrative functions • Improve workplace culture • Foster relationships across university.

Museum of
History & Industry
Seattle, WA.
2015-2018

Director of Curatorial Services and Historian. Served as head curator • Led development and implementation of an integrated curatorial plan • Oversaw and advised on historical content of museum programming • Led development of artifact, archival, and media collection of 4 million items • Researched and wrote exhibit and other content • Managed a team of 20 museum professionals in the exhibits, programs, education, and collections departments • Served as a member of the executive management team • Developed and oversaw department budgets totaling 0.6 million dollars • Served as public spokesperson for museum projects • Worked with community groups to increase museum's relevance to diverse audiences.

American Textile
History Museum,
Lowell, MA.
2010-2015

Director of Interpretation. Supervised all aspects of core exhibit, special exhibits, and interpretive projects • Established multi-year interpretive plan • Researched, designed, and managed installation of changing exhibits • Assisted curatorial staff develop exhibit content • Originated, prototyped, and fabricated interactive stations for core exhibit • Produced audio and video interpretation • Oversaw department budget • Managed exhibits staff, volunteers, and contractors.

Director of Education, Interim. Supervised all aspects of education programming and staff • Crafted new curriculum for field trips, boy and girls scouts, home school groups, and adults.

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Teaching

Harvard University, Lecturer in the History of Science, 2018-Present

Podcasting the History of Science: Creating Research-Based Audio Stories, Fall 2022
Co-ops, Commons, and Communes: The Technology of Cooperation, Spring 2022
Digital Storytelling: Using Interactive Media to Share Research, Fall 2021
Factory to Gig: The Technology of Work, Spring 2021
Significant Stories: Podcasting the History of Science, Fall 2020
Harvard's Changing Landscapes: A Contemporary History Project, Spring 2020

Museum of History & Industry, 2015-2018

"Innovation Classroom" middle school curriculum
Field trip programs, all ages
Museum fundamentals for new board members
Special subject tours, all ages

American Textile History Museum, 2010-2015

Tour Groups, all ages
Museum fundamentals for new board members
Museum Institute For Teaching Science, Summer Institute

Harvard University Teaching Fellow, 2006-2009

Einstein Revolution, Spring 2009
History of Science Sophomore Tutorial, Spring 2007 and Spring 2008
History of Technology, Spring 2007 and Spring 2008
Science, Modernity, and Discontent, Fall 2006
Science, Technology, and Warfare, Fall 2006

Publications & Presentations

Seattle on the Spot: The Photographs of Al Smith, MOHAI and University of Washington Press, 2017. (Oversaw book development and writing).

Edible City: A Delicious Journey, MOHAI, 2016. (Oversaw book development and writing).

"Early American Labor History: Future Directions," Panel Presentation at Organization of American Historians Annual Meeting, Providence, RI, April 2016

"Where We Worked: Understanding Place in Historic Industrial Preservation," History of Science Society Annual Meeting, November 2015

"Bridging the Gap—Successful Formal/Informal Partnerships for Advancing STEM Education," presented at National Science Teachers Association Conference, Chicago, IL, March 2015

"Mythbusters and the Joy of Technology," *Technology and Culture*, Volume 55, Number 2, April 2014

"Putting Science Practices and Engineering Design Together in Your Elementary Classroom," National Science Teachers Association Meeting, Boston, MA, April 2014

"Designing the Past: History and Engineering Education," presented at the New England Museum Association Meeting, Hartford, CT, 2013

"Suitable Coal and Various Iron: The Geography of Supply in Early 19th Century Boston," presented at the Society for the History of Technology Meeting, Tacoma, WA, 2010

"Cow Paths of Waltham," with Aya Rothwell, published in *Inbound 4: A Comic Book History of Boston*, ed Dan Kender, Dan Mazur and Shelli Paroline. Boston: Boston Comics Roundtable, 2009.

"Politics of the Spoke Shave: Traditional Crafts at Modern-day Colonial Williamsburg," presented at the Society for the History of Technology Meeting, Washington, DC, 2007,

"Cog's Persona: The Life and Afterlife of a Robot," presented at the Society for the History of Technology Meeting, Minneapolis, MN, 2005.

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Exhibitions as Curator

- "Visual Science: The Art of Research," Collection of Historical Scientific Instruments, Harvard, 2019-2020.
- "Flight Path: 100 Years of Boeing in Seattle," Museum of History and Industry, 2016-2017.
- "Sorting Things Out: A Countercurrent Distribution Machine," Collection of Historical Scientific Instruments, Harvard, September 2015–Ongoing.
- "Flowers in the Factory," American Textile History Museum (ATHM), February–June 2014
- "Inventing Lowell," ATHM, February–June 2014
- "To Catch the Eye: Advertising and the Art of Business," ATHM, October–January 2014
- "Aloft: The Wonder of Kites," with the Drachen Foundation, ATHM, November 2011–May 2012
- "Heaven Save the Ladies: Textiles in Dickens' America, an Embedded Exhibit," ATHM, May–October 2011
- "Boston Manufacturing Company," Charles River Museum of Industry, March–September 2009

Exhibitions, Curatorial Oversight

- "Measuring Difference: Race and Science," CHSI, Scheduled for 2023.
- "Surveillance," CHSI, June–December 2023.
- "Freud's Drawings," CHSI, 2020.
- "Seattle Style: Fashion and Function," MOHAI, 2019-2020
- "Seattle on the Spot: The Photographs of Al Smith," MOHAI, October 2017–June 2018
- "Edible City: A Delicious Journey," MOHAI, November 2016–September 2017
- "Color Revolution: Style Meets Science in the 1960s," ATHM, September 2013–January 2014
- "Behind the Veil: Brides and their Dresses," ATHM, April–August 2013
- "Home Front and Battlefields: Quilts in Context in the Civil War," ATHM, June–November 2012
- "Grace and Glamour: Fashion in the 1930s," ATHM, May–October 2011

Selected Special Projects

- Notes for a Living World, a newsletter about creating a better world. (livingworld.substack.com)
- Restless Device: A Podcast about Extraordinary Technology* (www.restlessdevice.com).
- "Inventing Lowell," Three-part video series for the Smithsonian Institution "Places of Invention" exhibit (vimeo.com/107630705).
- "The 1908 Gearhart Knitting Machine," Video for American Textile History Museum. (www.youtube.com/watch?v=-89WEDsfAyc)
- "Traveling the Silk Road," Room-sized board game about trade along the silk road.