

## **LEIF FREDRICKSON**

### **EDUCATION**

PhD University of Virginia, History, 2017.  
MA University of Virginia, History, 2014.  
MA University of Montana, History, 2010.  
BA Vassar College, Departmental Honors, 2000.

### **EXAMS**

Global Environmental History; United States Political History; History of Health and Medicine;  
History of Technology (Passed with Highest Honors).

### **DISSERTATION**

The Age of Lead: Metropolitan Change, Environmental Health, and Inner-City Underdevelopment in Baltimore.

\*Winner of Council of Graduate Schools/ProQuest Distinguished Dissertation Award in Humanities and Fine Arts for the past two years.

### **JOURNAL ARTICLES**

“History of US Presidential Assaults on Modern Environmental Health Protection,” *American Journal of Public Health* (forthcoming). \*Lead author, with co-authorship by other members of the Environmental Data & Governance Initiative.

“Bio-Invasions and Bio-Fixes: Mysid Shrimp Introductions in the Twentieth Century,” *Environment and History* vol. 23, no.2, 2017.

“From Ecocide to Eco-ally: Picloram, Herbicidal Warfare, and Invasive Species, 1963-2005,” in *Global Environment: A Journal of Transdisciplinary History* (Rachel Carson Center Special Issue on Hazardous Substances), vol. 7, no. 1, 2014.

### **BOOK CHAPTERS**

“The Riot Environment: Sanitation, Recreation, and Pacification in the Wake of Baltimore’s 1968 Uprising,” in Nicole King and Kate Drabinski, eds., *Baltimore Revisited: Rethinking and Remaking an American City* (forthcoming from Rutgers University Press).

“The Rise and Fall of an Ecostar: Green Technology Innovation and Marketing as Regulatory Obstruction,” in Hartmut Berghoff and Adam Rome, eds., *Green Capitalism? Business and Environment in the Twentieth Century* (University of Pennsylvania Press, 2017).

### **FELLOWSHIPS AND HONORS**

Council of Graduate Schools/ProQuest Distinguished Dissertation Award in Humanities and Fine Arts (2017).

Monell Fellowship in Technology and Democracy, Miller Center of Public Affairs (2016-2017).

Digital Humanities Research Fellowship, Scholar’s Lab, University of Virginia (2016-2017).

Mellon Pre-Doctoral Fellowship, Digital Scholarship Lab, University of Richmond (2015-2016).

Raven Fellowship, University of Virginia (2013).

President’s Fellowship, University of Virginia, Graduate School Arts and Sciences (2011-2016).

Susan Koch Scholarship, University of Montana (2009).

Departmental Honors for Thesis, Vassar College (2000).

## GRANTS AND OTHER SUPPORT

Double Hoo Research Grant, University of Virginia (2016-2107).  
Mellon Graduate Seminar: Composing the Humanities in the Digital Age (2014-2015).  
History Project Research Grant, Institute for New Economic Thinking, Harvard (2014).  
National Endowment for the Humanities, Mapping Nature Across the Americas Summer Institute, Newberry Library, Chicago (2014).  
Digital Environmental History Workshop, Center for Spatial and Textual Analysis, Stanford (2014).  
Robert Huskey Travel Grant, Graduate School of Arts and Sciences, University of Virginia (2013).  
Arts, Humanities, Social Science Research Grant, Graduate School, University of Virginia (2013).  
Corcoran History Department Summer Research Grant, University of Virginia (2012).  
National Science Foundation Travel Grant (2012).  
National Science Foundation Travel Grant (2011).  
Mining History Association Research Grant (2011).  
Matthew Hansen Foundation Research Grant, Wilderness Institute (2011).  
Hartman Center Research and Travel Grant, Duke University (2011).

## TEACHING EXPERIENCE

### Primary Instructor

The Urban Environment: History, Technology, Policy, January Term 2016 (University of Virginia).  
Urban Environmental Policy, Spring 2015 (University of Virginia).  
The Urban Environment: History, Technology, Policy, January Term 2015 (University of Virginia).  
The Changing Context of Public Policy, Spring 2014 (University of Virginia).  
U.S. History Since 1865, Summer 2013 (University of Virginia).

### Teaching Assistant

Native American History; History of Energy and Power; Colonial Latin America; U.S. History to 1865; U.S. History after 1865.

### Guest Lecturer

“Environmental Justice and African-American Women,” for Professor Cecilia Marquez, Women in the Civil Rights Movement, University of Virginia, January 2014.

## DIGITAL HUMANITIES PROJECTS

Creator and Developer, [Enviro-History](#).  
Project Developer, [American Panorama](#), Digital Scholarship Lab, University of Richmond (2015-2016).  
Project Manager, Geographic Database, [People of the Founding Era](#), Documents Compass, Virginia Endowment for the Humanities (2012).

## PUBLIC WRITING

“Back to Basics, or a Departure from Environmental Protections? History Lends Perspective,” *Public Lab Community Science Forum*, December 5, 2017.  
“[The Federal Agency that Few Americans Have Heard of and Which We All Need to Know](#),” *Washington Post*, September 28, 2017.  
“[The Environmental Protection Agency Is Not the Nation's Janitor](#),” *The Guardian*, July 28, 2017.  
“[Scott Pruitt is Wrong About the Origins of the EPA](#),” *Washington Post*, July 14, 2017.  
“[Suburban Commuters, Urban Polluters](#),” *Edge Effects*, March 14, 2017.  
“[The Environment of Opportunity](#),” *First Year 2017: Where the Next President Begins, Volume 6*, *Miller Center of Public Affairs*, November 30, 2016.

- [“Lead Poisoning: Then and Now,”](#) *We’re History*, March 29, 2016.
- [“The ‘Depression Disease’: What the United States’ First National Lead Poisoning Crisis Can Teach Us about the Flint Water Disaster,”](#) *American Historical Association Today*, March 14, 2016.
- [“The Surprising Link Between Postwar Suburban Development and Today’s Inner-City Lead Poisoning,”](#) *The Conversation*, February 25, 2016.
- [“Urban Policy – Lessons from History,”](#) *Common Place: The Anatomy and Art of Thriving Communities*, November 14, 2014.
- [“The Aliens Are Coming! Strange Mussels, Fish, Plants, and Diseases – and Their Clueless Human Helpers – Could Decimate Montana Waters,”](#) feature, *Missoula Independent*, April 21, 2011.

## REVIEWS

- Benjamin Hale, *The Wild and the Wicked: On Nature and Human Nature in Environmental History*, July 2018.
- Review essay: Gerald Markowitz and David Rosner, *Lead Wars: The Politics of Science and the Fate of America’s Children in H-EnviroHealth*, February 2018.
- Michael C. Mix, *Leaded: The Poisoning of Idaho’s Silver Valley* in *Environmental History* January 2018.
- Keith Wailoo, *How Cancer Crossed the Color Line* in *Journal of African-American History*, vol. 99, no. 4, Fall 2014, 484-486.

## OTHER WRITING

- Contributing author, [“Pursuing a Toxic Agenda: Environmental Injustice in the Early Trump Administration,”](#) (Environmental Data & Governance Initiative, September 2017).
- Contributing author, [The American Yawp](#) U.S. History Textbook (2017-2018).
- “Case Studies in Green Marketing,” *Front & Center* (John W. Hartman Center for Sales, Advertising and Marketing History), vol. 18, no. 1, Fall 2012, 3.

## INVITED TALKS

- “The Age of Lead: How the Suburbs Poisoned the Inner City,” Council of Graduate Schools Annual Meeting (2017).
- “The Age of Lead: Metropolitan Change, Environmental Health, and Urban Underdevelopment in Baltimore, 1900-2000,” Environmental History Series, University of Kansas (2016).
- “Digital Humanities Maps and Public Engagement,” Miller Center of Public Affairs Fellows Conference, University of Virginia (2016).

## PRESENTATIONS

- “The Alchemy of Automobile Commuting: Lead Poisoning in the Golden Age of the Suburbs,” Miller Center of Public Affairs (2017).
- “Commuter-Polluter Suburbs: Automobile Pollution in the Inner City Before the Interstates,” Urban History Conference (2016).
- “Environmental Knowledge: Noise, Lead and Learning in the Urban Environment,” American Society for Environmental History (2016).
- “White Lead and White Flight: Suburbanization, Inner-City Housing Deterioration, and Slumlord Capitalism in Baltimore, 1940-1965,” Movements and Directions in Capitalism, University of Virginia (2016).
- “The Age of Lead: Suburbanization, Environmental Health, and Urban Underdevelopment,” History of Energy and the Environment, Center for History and Economics, Harvard University (2015).

- “The Rise and Fall of an Ecostar: Technological Innovation and Marketing as Policy Obstruction,” Green Capitalism? At the Crossroads of Environmental and Business History, Hagley Museum (2014).
- “Childhood Lead Poisoning in Twentieth-Century Baltimore: Urban Renewal, Automobiles, and Climate,” Poster, American Society for Environmental History (2014).
- “Childhood Lead Poisoning in Baltimore in the Mid-Twentieth Century: Pica, Policy and Climate,” Baltimore Ecosystem Study Conference (2013).
- “Neuro-history: Some Theories and Methods for Getting inside the Grey Box,” Science and Method in the Humanities, Rutgers University (2012).
- “From Ecocide to Eco-ally: Picloram, Herbicidal Warfare and Invasive Species, 1963-2000,” Workshop on Hazardous Chemicals: Agents of Risk and Change, Rachel Carson Center for Environment and Society (2012).
- “Bio-Fixes and Bio-Invasions: The Introduction of Mysid Shrimp into Flathead Lake, Montana, 1939 – 2000,” American Society of Environmental History Conference (2012).
- “From Ecocide to Eco-ally: Picloram, Invasive Species, and American Environmentalism,” Society for the History of Technology Conference (2011).
- “Goods in the Woods: Consumerism, Marketing, and Freedom in the Rise of a New Wilderness Ethic,” Phi Alpha Theta (2009).

## **PANEL ORGANIZER**

- “Urban Environmental History: New Directions,” Urban History Conference (2016).
- “Mindscales and Brainscales: Environmental History and Psychology,” American Society for Environmental History (2016).

## **OTHER WORK EXPERIENCE**

- Capacity and Governance Working Group, [Environmental Data & Governance Initiative](#) (April 2017-present).
- Researcher and Lecture Writer, Clay Endowment Project on Global History of Energy and Power, with Professor Edmund Russell (2012).
- Historical Ecology Researcher, Earth Restoration Project, University of Montana (2008-2009).

## **SERVICE**

- Manuscript Reviewer: MIT Press (Urban and Industrial Environments Series).
- Coordinator: Environmental History Lab (2013-2014).

## **REFERENCES**

- Brian Balogh, Professor of History, University of Virginia. Department of History, Nau Hall, Charlottesville, VA 22904. Phone: 434-243-8971. Email: [balogh@virginia.edu](mailto:balogh@virginia.edu).
- Edmund P. Russell, Professor of History, Boston University. Department of History, 226 Bay State Road, Boston, MA 02215. Phone: 617-353-2550. Email: [edruss@bu.edu](mailto:edruss@bu.edu).
- Andrew W. Kahrl, Associate Professor of History, University of Virginia. Department of History, Nau Hall, Charlottesville, VA 22904. Phone: 434-243-8971. Email: [awk6n@virginia.edu](mailto:awk6n@virginia.edu).
- Christian McMillen, Professor of History. Department of History, Nau Hall, Charlottesville, VA 22904. Phone: 434-924-6416. Email: [cwm6w@virginia.edu](mailto:cwm6w@virginia.edu).
- N.D.B. Connolly, Herbert Baxter Adams Professor of History. Department of History, 301 Gilman Hall, 3400 N. Charles Street, Baltimore, MD 21218. Phone: 410-516-7983. Email: [nconnol2@jhu.edu](mailto:nconnol2@jhu.edu).

