

LEIF FREDRICKSON

University of Virginia, Department of History

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

Environmental History; Twentieth-Century United States; History of Health and Medicine; History of Technology (Passed, Highest Honors)

DISSERTATION

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

JOURNAL ARTICLES

“From Ecocide to Eco-ally: Picloram, Herbicidal Warfare, and Invasive Species, 1963-2005,” in *Global Environment: A Journal of History and Natural and Social Sciences*, vol. 7, no. 1, 2014.

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

BOOK CHAPTERS

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

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

FELLOWSHIPS

Ambrose 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)

GRANTS AND AWARDS

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)

Workshop on Digital Environmental History, Center for Spatial and Textual Analysis, Stanford (2014)
Robert Huskey Travel Fellowship, 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)
Susan Koch Scholarship, University of Montana (2009)
Departmental Honors for Thesis, Vassar College (2000)

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 American 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 Women in the Civil Rights Movement, University of Virginia, January 2014

DIGITAL HUMANITIES PROJECTS

Creator and Developer, Enviro-History, Enviro-History.Com (2016 -)
Project Developer, American Panorama, Digital Scholarship Lab, University of Richmond, dsl.richmond.edu/panorama (2015-2016)
Environmental history author for the award-winning online U.S. history textbook *The American Yawp* (2013-2014)
Project Manager, Geographic Database, People of the Founding Era, Documents Compass, Virginia Endowment for the Humanities, documentscompass.org/project/pfe (2012)

PUBLIC WRITING – ANALYSIS, OPINION AND REPORTING

“Suburban Commuters, Urban Polluters,” March 14, 2017, *Edge Effects*, <http://firstyear2017.org/blog/the-environment-of-opportunity>
“The Environment of Opportunity,” November 30, 2016, *First Year 2017: Where the Next President Begins, Volume 6, Miller Center of Public Affairs*, <http://firstyear2017.org/blog/the-environment-of-opportunity>.
“Lead Poisoning: Then and Now,” March 29, 2016, *We’re History*, werehistory.org/lead
“The ‘Depression Disease’: What the United States’ First National Lead Poisoning Crisis Can Teach Us about the Flint Water Disaster,” March 14, 2016, *American Historical Association Today*,

blog.historians.org/2016/03/the-depression-disease-what-the-united-states-first-national-lead-poisoning-crisis-can-teach-us-about-the-flint-water-disaster

“The Surprising Link Between Postwar Suburban Development and Today’s Inner-city Lead Poisoning,” *The Conversation*, February 25, 2016, theconversation.com/the-surprising-link-between-postwar-suburban-development-and-todays-inner-city-lead-poisoning-54453

“Urban Policy – Lessons from History,” *Common Place: The Anatomy and Art of Thriving Communities*, November 14, 2014, iasc-culture.org/THR/channels/Common_Place/2014/11/urban-policy-part-3-lessons-from-history

“The Aliens Are Coming! Strange mussels, fish, plants, and diseases – and their clueless human helpers – could decimate Montana waters,” cover feature, *Missoula Independent*, April 21, 2011.

BOOK REVIEWS

Keith Wailoo, *How Cancer Crossed the Color Line*, *Journal of African-American History*, vol. 99, no. 4, Fall 2014, 484-486.

INVITED TALKS

“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)

RESEARCH WORK EXPERIENCE

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