

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.

DISSERTATION

The Age of Lead: Metropolitan Change, Environmental Health, and Inner-City Underdevelopment in Baltimore. (University of Virginia, Department of History, May 2017).
*Winner of Council of Graduate Schools/ProQuest Distinguished Dissertation Award in Humanities and Fine Arts for the past two years.
* Winner of Michael Katz Award for Best Dissertation in Urban History, Urban History Association.

JOURNAL ARTICLES

“Paving the Way for Trump: Past Presidential Assaults on Environmental Health Protection,” *American Journal of Public Health* 108, no. S2 (April 1, 2018). *Lead author.
“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 a Right to the City* (forthcoming Spring 2019 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).

POLICY REPORTS

“[EPA Enforcement Numbers in Fiscal Year 2018 in Historical Perspective](#),” (Environmental Data & Governance Initiative, February 2019). *Cited by the House Energy and Commerce Committee.
“[EPA initiated fewer civil cases in 2018 than it has in over 35 years \(and other red flags of weak enforcement\)](#)” (Environmental Data & Governance Initiative, February 2019).
“[Pollution and Hazardous Waste Reduction is the Lowest on Record Under Trump’s EPA](#),” (Environmental Data & Governance Initiative, February 2019). *Cited by the House Energy and Commerce Committee.
“[EPA Enforcement is Declining Across All Regions of the Country in Programs Designed to Protect Air, Water, Land and Public Health](#)” (Environmental Data & Governance Initiative, December 2018).
“[A Sheep in the Closet the Erosion of Enforcement at the EPA](#),” (Environmental Data & Governance Initiative, November 2018). *Co-lead author.

[“EPA’s Proposed Rule Uses the Idea of Transparency to Reduce Real Transparency and Delay Protecting Environmental and Public Health”](#) (Environmental Data & Governance Initiative, August 2018). *Contributing author.

[“Pursuing a Toxic Agenda: Environmental Injustice in the Early Trump Administration,”](#) (Environmental Data & Governance Initiative, September 2017). *Contributing author.

PUBLIC WRITING

[“The EPA has backed off enforcement under Trump – here are the numbers,”](#) *The Conversation*, January 3, 2019.

[“Newly Empowered Democrats Need to Save the EPA – Again,”](#) *The Hill*, January 7, 2019.

[“Would Firing Scott Pruitt Save the EPA?”](#) *Washington Post*, May 25, 2018.

[“The Mysis Crisis: How Fisheries Scientists Turned an Isolated Shrimp into an ‘Invasive Species’”](#) *Enviro-History*, March 16, 2018.

[“Planet Rock” Environmental Histories of Songs,”](#) *Enviro-History*, March 14, 2018.

[“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.

REPORTING

[“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-Enviro-Health*, 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

[The American Yawp](#) U.S. History Textbook (2017-2018). *Contributing author.

DIGITAL HUMANITIES PROJECTS

Creator and Developer, [*Enviro-History*](#).

Project Developer, “Renewing Inequality,” [*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).

FELLOWSHIPS AND HONORS

Michael Katz Award for Best Dissertation in Urban History, Urban History Association (2018).

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

Twentieth-Century American West – Spring 2019, University of Montana

From Nuclear Fallout to Global Warming: The History of the U.S. Environmental Movement – Fall 2018, University of Montana, Osher Lifelong Learning Institute.

The Urban Environment: History, Technology, Policy (STS 2500) – January Term 2016, University of Virginia, School of Engineering.

Urban Environmental Policy (PPOL 3280) – Spring 2015, University of Virginia, Batten School of Public Policy.

The Urban Environment: History, Technology, Policy (STS 2500) – January Term 2015, University of Virginia, School of Engineering.

The Changing Context of Public Policy (PPOL 7010) – Spring 2014, University of Virginia, Batten School of Public Policy.

Modern U.S. History Since 1865 (HIUS 2002) – Summer 2013, University of Virginia, College of Arts and Sciences.

Mentoring

Double Hoo Research Project, University of Virginia (2016-2017). A grant to collaborate with and mentor an undergraduate in a year-long research project. *My mentee received third place in the 2017 Undergraduate Research Symposium, based on his presentation of our research.

MEDIA INTERVIEWS AND CITATIONS

[“Neomi Rao is officially Brett Kavanaugh’s replacement on the DC Circuit. She’s faced scrutiny for her writings on sexual assault.”](#) *Vox*, March 13, 2019.

[“Avec Trump, la chasse aux pollueurs est au plus bas,”](#) *Liberation*, March 5, 2019.

[“Under Trump, the EPA’s Enforcement Effort Fall to a 40-Year Low in this One Key Area,”](#) *MarketWatch*, March 4, 2019.

[“Has the EPA lost its teeth? House to investigate dwindling enforcement,”](#) *Christian Science Monitor*, February 20, 2019.

[“Trump EPA’s pollution, waste reduction numbers are lowest in a decade,”](#) *The Hill*, February 1, 2019.

[“Wheeler Pushes Back on Reports Claiming Lax EPA Enforcement,”](#) *Bloomberg Environment*, January 16, 2019.

[“EPA Rollbacks: Hurting Americans Where They Live,”](#) *The American Prospect*, January 14, 2019.

[“Trump’s EPA Is Reluctant to Punish Law-Breaking Polluters,”](#) *High Country News*, December 28, 2018.

[“EPA Policing of Environmental Violations Plummeted in 2018,”](#) *Pacific Standard*, November 21, 2018.

[“EPA Officials Wrestle With Enforcement Decline Spurred By Trump Policies,”](#) *Inside EPA*, November 20, 2018.

[“Trump team reluctant to pursue polluters – report,”](#) *E&E News*, November 16, 2018.

[“The Deadly Donora Smog of 1948 Spurred Environmental Protection—But Have We Forgotten the Lesson?”](#) *Smithsonian*, October 26, 2018.

INVITED TALKS

“The Age of Lead: How the Suburbs Poisoned the Inner City,” University of Texas-Austin, American Studies Department (2018).

“White Lead and White Flight: Suburbanization, Inner-City Housing Deterioration, and Slumlord Capitalism in Baltimore, 1940-1965,” Lockridge Seminar, University of Montana (2018).

“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).

PROFESSIONAL EXPERIENCE

Contract Historical GIS Research and Mapping (May 2018-September 2018)

[Environmental Data & Governance Initiative](#)

Member (April 2017-present); Steering Committee (June 2018-present); Communications Coordinator (June 2018-February 2019); Lead Researcher, (June 2018-February 2019).

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).