

Alissa Cordner

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ACADEMIC POSITIONS

Whitman College, Department of Sociology Walla Walla, WA

Chair, Sociology Department, 2022-present

Associate Professor, 2019-present

Paul Garrett Fellow, 2017-present

Assistant Professor, 2013-2019

EDUCATION

Brown University, Department of Sociology, Providence, RI

Ph.D., Sociology, May 2013: Risk, Power and Policy in Environmental Health Controversies:
The Case of Flame Retardant Chemicals

M.A., Sociology, May 2010

Bowdoin College, Brunswick, ME

B.A., May 2004, Sociology (with Honors) and French

RESEARCH and TEACHING EXPERTISE

Environmental Sociology

Risk and Disasters

Environmental and Social Justice

Research Methods

Environmental Health

Politics, Participation, and Governance

Science and Knowledge

Medical Sociology

PUBLICATIONS

Books:

Alissa Cordner. 2016. *Toxic Safety: Flame Retardants, Chemical Controversies, and Environmental Health*. New York: Columbia University Press.

Award: American Sociological Association's Section on Environmental Sociology
Schnaiberg Outstanding Publication Award, 2018

Reviewed in: *American Journal of Sociology, Contemporary Sociology, The Social
Science Journal, Medical Anthropology Quarterly, Bulletin of the History of Medicine,
Choice*

Gianpaolo Baiocchi, Elizabeth Bennett, **Alissa Cordner**, Peter T. Klein, and Stephanie Savell.
2014. *The Civic Imagination: Making a Difference in American Political Life*. Boulder, CO:
Paradigm Publishers.

Reviewed in: *Contemporary Sociology, Political Science Quarterly, Choice*

Peer Reviewed Journal Articles (student co-authors underlined):

- Jennifer Liss Ohayon, **Alissa Cordner**, Andrea Amico, Phil Brown, and Lauren Richter. 2023. "Persistent Chemicals, Persistent Activism: Scientific Opportunity and Social Movement Organizing on Contamination by Per- and Polyfluoroalkyl Substances." *Social Movement Studies*. <https://doi.org/10.1080/14742837.2023.2178403>
- Kira Mok, Derrick Salvatore, Martha Powers, Phil Brown, Maddy Poehlein, Otakuye Conroy-Ben, and **Alissa Cordner**. 2022. "Federal PFAS Testing and Tribal Public Water Systems." *Environmental Health Perspectives* 130(12):127701.
- Derrick Salvatore, Kira Mok, Kimberly K. Garrett, Grace Poudrier, Phil Brown, Linda S. Birnbaum, Gretta Goldenman, Mark F. Miller, Sharyle Patton, Maddy Poehlein, Julia Varshavsky, and **Alissa Cordner**. 2022. "Presumptive Contamination: A New Approach to PFAS Contamination Based on Likely Sources." *Environmental Science & Technology Letters* 9:983-990.
- Ellen Kohl, Marianne Sullivan, Mark Chambers, **Alissa Cordner**, Chris Sellers, Leif Frederickson, and Jennie Ohayon. 2022. "From "marginal to marginal": Environmental Justice Under the Trump Administration." *Environmental Sociology* 8(2):242-253.
- Helena Zindel, Martha Powers, Phil Brown, and **Alissa Cordner**. 2021. "State Messaging on Toxic Chemical Exposure: Per- and Polyfluoroalkyl Substances and the Individualization of Risk on State Websites in the United States." *Environmental Communication* 15(8):1001-1007.
- Michelle Janning, **Alissa Cordner**, Zidane Galant-LaPorte, and Lucy Rosenberg. 2021. "Is the Pandemic Personal or Political? The Influence of Demographics and Risk Proximity on Attitudes Toward COVID-19 Policy in Washington State." *Socius* DOI: 10.1177/23780231211033375.
- Alissa Cordner**. 2021. "Staring at the Sun during Wildfire Season: The 2017 Solar Eclipse and Simultaneous Disaster Preparedness." *Qualitative Sociology* 44:313-335.
- Ellen Kohl, Marianne Sullisvan, Mark Milton Chambers, Chris Sellers, **Alissa Cordner**, Leif Fredrickson, Jennifer Liss Ohayon, and Jessica Varner. 2021. "The Problem of Accountability: Environmental Justice and the Trump Administration." *Environmental Justice* DOI: 10.1089/env.2021.0012.
- Martha Powers, Phil Brown, Grace Poudrier, Jennifer Ohayon, **Alissa Cordner**, Cole Alder, and Marina Atlas. 2021. "COVID-19 as Eco-Pandemic Injustice: Opportunities for Collective and Anti-racist Approaches to Environmental Health." *Journal of Health and Social Behavior* 62(2):222-229.
- Marianne Sullivan, Chris Sellers, Leif Fredrickson, **Alissa Cordner**, Ellen Kohl, and Jennifer Liss Ohayon. 2021. "Re-envisioning EPA and Its Work in the Post-Trump Era: Perspectives from EPA Employees." *Journal of Public Health Policy* DOI: 10.1057/s41271-021-00276-z.
- Lauren Richter, **Alissa Cordner**, and Phil Brown. 2020. "Producing Environmental Ignorance Through Regulatory Structure: The Case of Per- and Polyfluoroalkyl Substances (PFAS)." *Sociological Perspectives* 64(4):631-656.
- Alissa Cordner**, Grace Poudrier, Jesse DiVali, and Phil Brown. 2019. "Combining Social Science and Environmental Health Research for Community Engagement." *International Journal of Environmental Research and Public Health* 16(8).

- Alissa Cordner**, Lauren Richter, and Phil Brown. 2019. “Environmental Chemicals and Public Sociology: Engaged Scholarship on Highly Fluorinated Compounds.” *Environmental Sociology* 5(4):339-351.
- Alissa Cordner**, Vanessa Y. De La Rosa, Laurel A. Schaidler, Ruthann A. Rudel, Lauren Richter, and Phil Brown. 2019. “Guideline Levels for PFOA and PFOS in Drinking Water: The Role of Scientific Uncertainty, Risk Assessment Decisions, and Social Factors.” *Journal of Exposure Science and Environmental Epidemiology* 29:157–171.
Award: 2020 International Society of Exposure Science Paper of the Year Award
- Elicia Cousins, Lauren Richter, **Alissa Cordner**, Sokona Diallo, and Phil Brown. 2019. “Risky Business? Manufacturer and Retailer Action to Remove Per- and Polyfluorinated Chemicals from Consumer Products.” *New Solutions* 29(2):242-265.
- Alissa Cordner** and Eliana Schwartz. 2019. “Covering Wildfires: Media Emphasis and Silence after the Carlton and Okanogan Complex Wildfires.” *Society & Natural Resources* 32(5):489-507.
Featured research brief by the Northwest Fire Science Consortium, Summer 2019.
- Lauren Richter, **Alissa Cordner**, and Phil Brown. 2018. “Non-Stick Science: Sixty Years of Research and (In)Action on Fluorinated Compounds.” *Social Studies of Science* 48(5):691-714.
- Alissa Cordner**, Lauren Richter, and Phil Brown. 2016. “Can chemical-class based approaches replace chemical-by-chemical strategies? Lessons from recent U.S. FDA regulatory action on perfluorinated compounds.” *Environmental Science & Technology* 50(23):12584-12591.
- Alissa Cordner**, Adrien Wilkie, Tim Wade, Edward Hudgens, Rebecca Birch, and Jane Gallagher. 2017. “Gender and racial/ethnic disparities: Cumulative screening of health risk indicators in 20-50 year olds in the United States.” *Journal of Health Disparities Research and Practice* 10(1):8.
- Jane Gallagher, Adrien Wilkie, **Alissa Cordner**, Edward Hudgens, Andrew Ghio, Rebecca Birch, and Tim Wade. 2016. “Factors associated with self-reported health: implications for screening level community-based health and environmental studies.” *BMC Public Health*. 16:640-654.
- Alissa Cordner**. 2015. “Defining and Defending Risk: Conceptual Risks Formulas in Chemical Alternatives Assessment.” *Journal of Environmental Studies and Sciences* 5(3):241-250.
- Alissa Cordner**. 2015. “Strategic Science Translation and Environmental Controversies.” *Science, Technology & Human Values* 40(6):915-938.
- Alissa Cordner** and Phil Brown. 2015. “A Multisector Alliance Approach to Environmental Social Movements: Flame Retardants and Chemical Reform in the United States.” *Environmental Sociology* 1(1):69-79.
- Alissa Cordner**, Kathryn M. Rodgers, Phil Brown, and Rachel Morello-Frosch. 2015. “Firefighters and Flame Retardant Activism.” *New Solutions* 24(4):511-534.
- Stephanie Savell, Gianpaolo Baiocchi, Elizabeth Bennett, **Alissa Cordner**, and Peter T. Klein. 2015. “Civic Innovation and Creative Campaigns: How Fresh Ideas Are Compromising Local Democracy.” *Metropolitiques*. <http://www.metropolitiques.eu/Civic-Innovation-and-Creative.html>.

- Elizabeth Bennett, Gianpaolo Baiocchi, **Alissa Cordner**, Peter T. Klein, and Stephanie Savell. 2013. "Disavowing Politics: Civic Engagement in an Era of Political Skepticism." *American Journal of Sociology* 119(2):518-548.
- Alissa Cordner**, Margaret Mulcahy, and Phil Brown. 2013. "Chemical Regulation on Fire: Rapid Policy Advances on Flame Retardants." *Environmental Science & Technology* 47:7067-7076.
- Alissa Cordner** and Phil Brown. 2013. "Moments of Uncertainty: Ethical Considerations and Emerging Contaminants." *Sociological Forum* 28(3):469-494.
- Alissa Cordner**, David Ciptlet, Phil Brown, and Rachel Morello-Frosch. 2012. "Reflexive Research Ethics for Environmental Health and Justice: Academics and Movement-Building." *Social Movement Studies* 11(2):161-176.
- Reprinted in *Research Ethics and Social Movements: Scholarship, Activism, and Knowledge Production*. Kevin Gillan and Jenny Pickerill, Editors. Routledge: 2015.
- Alissa Cordner**. 2012. "The Health Care Access and Utilization of Homeschooled Children in the United States." *Social Science & Medicine* 75(2): 269-273.
- Alissa Cordner**, Peter T. Klein, and Gianpaolo Baiocchi. 2012. "Co-Designing and Co-Teaching Graduate Qualitative Methods: An Innovative Ethnographic Workshop Model." *Teaching Sociology* 40:215-226.
- Phil Brown and **Alissa Cordner**. 2011. "Lessons Learned from Flame Retardant Use And Regulation Could Enhance Future Control Of Potentially Hazardous Chemicals." *Health Affairs* 30(5): 906-914.

Book Chapters:

- Alissa Cordner**. 2021. "Risk." Chapter for *Handbook of Environmental Sociology*, Edited by Beth Caniglia, Andrew Jorgenson, Stephanie Malin, Lori Peek, David N. Pellow, and Xiaorui Huang. Springer.
- Alissa Cordner** and Phil Brown. 2020. "Science, Expertise, and Environmental Justice." Chapter 5 in *Lessons in Environmental Justice: From Civil Rights to Black Lives Matter*, Edited by Michael Mascarenhas. Sage Publishing.
- Phil Brown, Vanessa De La Rosa, and **Alissa Cordner**. 2020. "Toxic Trespass: Science, Activism, and Policy Concerning Chemicals in Our Bodies." Chapter 1 in *Toxic Truths: Environmental Justice and Citizen Science in a Post Truth Age*, edited by Thom Davies and Alice Mah. Manchester University Press.
- Alissa Cordner**, Phil Brown, and Rachel Morello-Frosch. 2016. "Health." In *Keywords in the Study of Environment and Culture*. Joni Adamson, William Gleason, and David Pellow, Eds. New York University Press.
- Alissa Cordner**, Phil Brown, and Margaret Mulcahy. 2015. "Playing with Fire: Flame Retardant Activists and Policy Arenas." In *Players and Arenas: The Interactive Dynamics of Protest*. Jan Willem Duyvendak and James M. Jasper, Eds. Amsterdam University Press.
- Alissa Cordner**, Phil Brown, and Rachel Morello-Frosch. 2014. "Health Social Movements." In *Wiley-Blackwell Encyclopedia of Health, Illness, Behavior, and Society*. William Cockerham, Robert Dingwall, and Stella Quah, Eds. Wiley.

- Alissa Cordner**, Phil Brown, and Alison Cohen. 2011. “Public Sociology for Environmental Health and Justice.” Pp. 97-106 in *Public Sociology: Research, Action, and Change*. Eds. Phillip Nyden, Leslie Hossfeld and Gwen Nyden. Los Angeles: Sage.
- Phil Brown, Stephen Zavestoski, **Alissa Cordner**, Sabrina McCormick, Joshua Mandelbaum, Theo Luebke, and Meadow Linder. 2011. “A Narrowing Gulf of Difference? Disputes and Discoveries in the Study of Gulf War-Related Illnesses.” Ch. 7 in *Contested Illnesses: Citizens, Science, and Health Social Movements*. Eds. Brown, Morello-Frosch, and Zavestoski. Berkeley, CA: University of California Press.
- Sabrina McCormick, Phil Brown, Stephen Zavestoski, and **Alissa Cordner**. 2011. “The Personal Is Scientific, the Scientific Is Political: The Public Paradigm of the Environmental Breast Cancer Movement.” Ch. 9 in *Contested Illnesses: Citizens, Science, and Health Social Movements*. Eds. Brown, Morello-Frosch, and Zavestoski. Berkeley, CA: University of California Press.

Other Publications:

- Garrett, Kimberly K., Phil Brown, Julia Varshabsky, and **Alissa Cordner**. 2022. “Improving governance of ‘forever chemicals’ in the US and beyond.” *One Earth* 5(1075-1079).
- Alissa Cordner**, Gretta Goldenman, Linda S. Birnbaum, Phil Brown, Mark F. Miller, Rosie Mueller, Sharyle Patton, Derrick H. Salvatore, and Leonardo Trasande. 2021. “Viewpoint: The true cost of PFAS and the benefits of acting now.” *Environmental Science & Technology* 55(14):9630-9633. DOI: 10.1021/acs.est.1c03565
- Martha Powers, **Alissa Cordner**, Jennifer Ohayon, Phil Brown, and Grace Poudrier. 2021. “COVID-19 and Eco-Pandemic Injustice.” *The Equation*, Union of Concerned Scientists. July 12, 2021. <https://blog.ucsusa.org/science-blogger/covid-19-and-eco-pandemic-injustice/>
- Isabella Raponi, Phil Brown, and **Alissa Cordner**. 2021. “Improved medical screening in PFAS-impacted communities to identify early disease.” *Environmental Health News*, June 28, 2021. <https://www.ehn.org/pfas-testing-2653577444.html>
- Christopher Sellers, Leif Fredrickson, **Alissa Cordner**, Kelsey Breseman, Eric Nost, Kelly Wilkins, and EDGI. 2020. “An Embattled Landscape Series, Part 2a: Coronavirus and the Three-Year Trump Quest to Slash Science at the CDC.” Environmental Data & Governance Initiative. <https://envirodatagov.org/an-embattled-landscape-series-part-2a-coronavirus-and-the-three-year-trump-quest-to-slash-science-at-the-cdc/>
- Lief Fredrickson, Marianne Sullivan, Christopher Sellers, Jennifer Ohayon, Ellen Kohl, Sarah Lamdan, **Alissa Cordner**, Alice Hu, Katarzyna Kaczowka, Natalia Navas, Linda Wicks, and EDGI. November 2018. “A Sheep in the Closet: The Erosion of Enforcement at the EPA.” Environmental Data & Governance Initiative. <https://envirodatagov.org/wp-content/uploads/2018/11/Sheep-in-the-Closet.pdf>
- Alissa Cordner**. October 22, 2017. “Opinion: Wildfires like the Wine Country’s affect rich and poor differently.” *The Mercury News*. <http://www.mercurynews.com/2017/10/22/opinion-wildfires-like-the-wine-countrys-affect-rich-and-poor-differently/>
- Alissa Cordner**. Review of *Multiple Autisms: Spectrums of Advocacy and Genomic Science* by Jennifer S. Singh. *American Journal of Sociology*, 2017, Volume 122, Number 6.
- Alissa Cordner**. July 18, 2016. “Why Chemicals in the U.S. Are Still ‘Innocent Until Proven Guilty.’” *Smithsonian Magazine*.

Michael D. Kennedy, Timmons Roberts, **Alissa Cordner**, and Adam Kotin. “Environmental Knowledge Matters.” White Paper, published January 19, 2012. Available at: <http://www.luceenvironment.org/luce-initiative/environmental-knowledge-matters/>

Alissa Cordner and Sarah Petras. 2012. “Body of Evidence: Reproductive Health and the Environment.” Alaska Community Action on Toxics; 2016 update with Amira Aker.

AWARDS

- | | |
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| 2020 | International Society of Exposure Science Paper of the Year Award in the <i>Journal of Exposure Science and Environmental Epidemiology</i> |
| 2020 | G. Thomas Edwards Award for Excellence in the Integration of Teaching and Scholarship (campus wide), Whitman College |
| 2018 | American Sociological Association’s Section on Environmental Sociology Schnaiberg Outstanding Publication Award for <i>Toxic Safety</i> |

GRANTS AND FELLOWSHIPS

Externally Funded:

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| 2021-2024 | National Science Foundation: Multi-Scalar, Multi-Stakeholder Environmental Governance of Per- and Polyfluoroalkyl Substances (PFAS); Science, Technology, and Society Program; Co-PI with Phil Brown, Northeastern University, \$498,925 |
| 2018-2021 | National Science Foundation: The New Chemical Class Activism: Mobilization Around Per- and Polyfluoroalkyl Substances; Science, Technology, and Society Program; Co-PI with Phil Brown, Northeastern University, \$499,901 |
| 2017 | Highly Fluorinated Compounds – Social and Scientific Discovery, National Institute of Environmental Health Sciences Conference Grant, Co-PI with Phil Brown, Northeastern University, \$10,000 |
| 2015-2018 | National Science Foundation: Perfluorinated Chemicals: The Social Discovery of a Class of Emerging Contaminants; Science, Technology, and Society Program; Co-PI with Phil Brown, Northeastern University, \$418,698 |
| 2014-2016 | Next Generation of Hazards and Disasters Researchers Fellowship Program, National Science Foundation; mentorship, travel expenses, and stipend |
| 2010-2013 | EPA Science to Achieve Results Graduate Fellowship, \$111,000 |

Internally Funded:

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| 2023 | Pedagogical Inquiry Grant, Public Health Curricula at Whitman College, \$24,460 |
| 2023 | Summer Faculty-Student Research, Whitman College, \$20,280 |
| 2023 | Abshire Research Award (Spring and Fall), Whitman College, \$2,560 |
| 2022 | Community Engaged Learning and Research Initiative, Whitman College, \$1,624 |
| 2022 | Summer Faculty-Student Research, Whitman College, \$17,200 |

2022	Aid to Faculty Scholarship and Instructional Development, Whitman College, \$1,186
2021	Summer Faculty-Student Research, Whitman College, \$13,530
2020	Abshire Research Awards (Spring and Fall), Whitman College, \$2,240
2020	Summer Faculty-Student Research, Whitman College, \$13,080
2019	Summer Faculty-Student Research, Whitman College, \$14,444
2019	Aid to Faculty Scholarship and Instructional Development, Whitman College, \$1,838
2016	Abshire Research Award, Whitman College, \$1,220
2014	Abshire Research Award, Whitman College, \$1,000
2014	Louis B. Perry Research Grant, Whitman College, \$5,800

OTHER RESEARCH

PFAS Project Lab, Co-director, Northeastern University (2014-Present)

National Academies of Science, Engineering, and Management Standing Committee on the Use of Emerging Science for Environmental Health Decisions, Committee Member (2020-Present)

Cost of PFAS in the United States, Organizing Committee and Researcher (2020-Present)

Environmental Data Governance Initiative, Interviewing and Policy Team (2017-Present)

PFAS-REACH Project, Science Advisory Board Member (2018-Present)

Environmental Impacts of Fire, Panel Member, National Fire Protection Research Foundation (2019-2020)

CONFERENCE PRESENTATIONS (student co-authors underlined)

Environmental justice and environmental monitoring: An analysis of PFAS testing in California. 2022. With Derrick Salvatore, Rosie Mueller, Phil Brown, and Klaudia Kyjovska. American Sociological Association Annual Meeting, Los Angeles, CA.

PFAS and chemical class consciousness: How definitions of a chemical class influence regulatory approaches. 2022. With Jennifer Ohayon, Phil Brown, Grace Poudrier, Miranda P. Dotson, Kira Mok, Lauren Richter, and Mya Heard. American Sociological Association Annual Meeting, Los Angeles, CA.

Firefighter Activism on PFAS Chemicals: Labor Leadership on Environmental Health. 2022. With Phil Brown, Kira Mok, Grace Poudrier, Jennifer Ohayon, Ayesha Khan, and Jaime Honkawa. American Sociological Association Annual Meeting, Los Angeles, CA.

On the Environmental Injustices of Mass Incarceration. 2022. With Nicholas Shapiro, Melissa Chimwaza, Ramya Natarajan, et al. Vera Institute for Justice. Virtual presentation.

PFAS in American Indian and Alaska Native Communities. 2021. With Martha Powers, Otakuye Conroy-Ben, Phil Brown, Derrick Salvatore, and Kira Mok. American Sociological Association Annual Meeting. Virtual Presentation. Also presented at International Society of Environmental Epidemiology. Virtual Presentation.

Per- and polyfluoroalkyl substances (PFAS) in drinking water: Evidence from New Jersey Demonstrates Failures of Federal Regulation. With Rosie Mueller, Derrick Salvatore, Jamie

- Zwaschka, and Phil Brown. American Sociological Association Annual Meeting. Virtual Presentation.
- Health and Economic Impacts of COVID-19 and Policy Views in Washington State. 2021. With Michelle Janning. Pacific Sociological Association Annual Meeting. Virtual Presentation.
- Manage, Fight, Protect: Embodied Risk in an Era of Climate Crisis. 2020. American Sociological Association Annual Meeting. Virtual presentation.
- How Scientific Opportunity Structures Shape Social Movement Organizing around Contamination by Per- and Polyfluoralkyl Substances. 2020. With Jennifer Ohayon, Andrea Amico, Lauren Richter, and Phil Brown. American Sociological Association Annual Meeting. Virtual presentation.
- Strategic Science Production and Contested Environmental Data. 2019. With Lauren Richter and Phil Brown. American Sociological Association Annual Meeting. New York, New York.
- Covering Wildfires. 2018. American Sociological Association Annual Meeting. Philadelphia, PA.
- Environmental Chemicals and Public Sociology: Engaged Scholarship on Highly Fluorinated Compounds. 2018. With Lauren Richter and Phil Brown. American Sociological Association Annual Meeting. Philadelphia, PA.
- Constructing Ignorance: Environmental Health Data Under the Toxic Substances Control Act. 2018. With Lauren Richter and Phil Brown. American Sociological Association Annual Meeting. Philadelphia, PA.
- Social Factors in Wildfire Management. 2018. Rural West Conference, Stanford's Bill Lane Center for the American West. Yakima, WA.
- From Community to Courtroom: Litigation and Environmental Justice in the Case of PFAS Contamination. 2017. With Tibrine de Fonseca, Lauren Richter, Phil Brown, and Marina Atlas. American Sociological Association Annual Meeting. Montreal, Canada.
- "Big Old Smoke Columns" and "Sporty Fires": Motivators of Improved Wildfire Risk Management in the Pacific Northwest. 2017. Pacific Sociological Association Annual Meeting. Portland, OR.
- Wildfires and Environmental Justice: Examining the (Unequal?) Impacts of Wildland Fire. 2016. American Sociological Association Annual Meeting. Seattle, WA.
- The Sticky Science of Non-Stick Chemicals: Forty Years of Research and (In)Action on Fluorinated Compounds. 2016. With Phil Brown and Lauren Richter. American Sociological Association Annual Meeting. Seattle, WA.
- Risky Business? Manufacturer and Retailer Action to Remove Per- and Polyfluorinated Chemicals From Consumer Products. With Elicia Cousins, Phil Brown, and Lauren Richter. American Sociological Association Annual Meeting. Seattle, WA.
- Wildfires and Environmental Justice: Examining the (Unequal?) Distribution of Risks from Wildland Fire. 2016. Next Generation of Hazards and Disasters Researchers Program. San Diego, CA.
- 'How's the Soil?' Environmental Risk from Wheat Field to Vineyard. 2015. American Sociological Association Annual Meeting. Chicago, IL. With Alberto Santos-Davidson.

- Opening the Black Box of Risk: Strategic Science Translation in Chemical Blacklists. 2014. American Sociological Association Annual Meeting. San Francisco, CA.
- Flame Retardants as a Prompt to Chemical Reform: A Multisector Alliance. 2013. Democratization of Risk Governance. Tel Aviv, Israel. With Phil Brown.
- Fighting Science with Science: Uncertainty, Environmental Health Research, and the Chemical Industry. 2013. American Sociological Association meeting. New York, NY.
- Unlikely Allies and Competing Authorities in Chemical Regulation. 2012. Society for the Social Study of Science Meeting. Copenhagen, Denmark. With Phil Brown and Margaret Mulcahy.
- 'What's More Un-Green than a Fire?' Alliances between the Public Health, Environmental, and Firefighting Communities. 2012. American Public Health Association Annual Meeting. San Francisco, CA. With Phil Brown and Margaret Mulcahy.
- Impact of Environmental Chemicals, Sociodemographic Variables, Depression, and Clinical Indicators of Health and Nutrition on Self-Reported Health Status. 2012. American Public Health Association Annual Meeting. San Francisco, CA. With Tim Wade, Elaine Cohen Hubal, Edward Hudgens, Stephen Edwards, and Jane Gallagher.
- Defining and Defending Risk within the EPA and the Chemical Industry. 2012. American Sociological Association Annual Meeting. Denver, CO.
- Playing with Fire: The World of Flame Retardant Activism and Policy. 2012. American Sociological Association Annual Meeting. Denver, CO. With Phil Brown and Margaret Mulcahy.
- Social Movements 2.0? 2012. American Sociological Association Annual Meeting. Denver, CO. With Gianpaolo Baiocchi, Elizabeth Bennett, Peter Klein, and Stephanie Savell.
- Politics and its Problems. 2012. American Sociological Association Meeting. Denver, CO. With Gianpaolo Baiocchi, Elizabeth Bennett, Peter Klein, and Stephanie Savell.
- Incorporating Unequal Exposure to Environmental Hazards in Sample Design. Poster at Population Association of America Annual Meeting. San Francisco, CA. With Seth Spielman, Susan Short, Rachel Goldberg, John Logan, and Stephen Buka. *Winner of Population Sciences Research Day Student Poster Award, Population Studies and Training Center.*
- Civic Innovators: Business Ideology in Civic Engagement. 2012. Presentation at Eastern Sociological Society Meeting. New York, NY. With Gianpaolo Baiocchi, Elizabeth Bennett, Peter Klein, and Stephanie Savell.
- Moments of Uncertainty: Ethical Considerations and Emerging Contaminants. 2011. Presentation at American Sociological Association Meeting. Las Vegas, NV. With Phil Brown.
- Boundary-work at the Nexus of Science, Activism, and Policy Concerning Flame Retardants. 2010. Presentation at Society for the Social Studies of Science. Tokyo, Japan. With Phil Brown.
- Impact of Biomonitoring Research on Activism and Regulation of Flame Retardant Chemicals. 2010. Presentation at American Public Health Association Meeting. Denver, CO. With Phil Brown and Rachel Morello-Frosch.
- Public Sociology for Theory and Practice. 2009. Presentation at American Sociological Association Meeting. San Francisco, CA. With Crystal Adams, Laura Senier, and Elizabeth Hoover.

INVITED TALKS

- Social Costs of PFAS Contamination. Presentation to the USDA-NRCS PFAS Summit. 5/25/2023.
- Toxic Safety: Flame Retardants → PFAS.* Presentation for Ohio University. 4/24/2023.
- Making the Invisible Visible: The PFAS Project Lab. Presentation for the Collaborative on Health and the Environment. 3/23/2023.
- Federal PFAS Testing and Tribal Public Water Systems. Presentation for Green Science Policy Institute. 2/1/2023.
- Presumptive PFAS Contamination. Presentation for the Environmental Water Resources Group. 1/25/2023.
- Presumptive PFAS Contamination. Presentation and discussion for Interstate Chemicals Clearinghouse PFAS Workgroup. 11/14/2022.
- Presumptive PFAS Contamination. Webinar for Collaborative on Health and the Environment. 11/3/2022.
- Breaking down Forever Chemicals. Webinar for Columbia Riverkeepers. 10/26/2022.
- Toxic Safety: Flame Retardants → PFAS. Cornell University, remote lecture. 2/23/2022.
- True Cost of PFAS and Benefits of Acting Now. Presentation to the Green Science Policy Institute. 8/4/2021.
- Environmental Justice and PFAS. Presentation to the American Association for the Advancement of Science, Environmental Council of States, and Association of State and Territorial Health Organizations, with Phil Brown. 6/16/2021.
- Community-Science Collaborations on PFAS. Presentation to the National PFAS Coalition, with Phil Brown. 4/7/2021.
- Why Are Toxic Chemicals Everywhere? The Case of PFAS. Presentation to Whitman Alumni Speaker Series. 3/17/2021.
- Engaged public sociology for environmental health and justice: Research on flame retardants and PFAS compounds. Presentation to Seminar Series in Environmental Metrology and Policy Program at Georgetown University. 3/18/2021.
- Toxic Forever Chemicals 101. Presentation to EverGreen. 2/22/2021.
- Chemical Class Consciousness. Presentation to Northwest Green Chemistry's iPCB Voluntary Policy & Products Working Group. 2/18/2020.
- Communication and Outreach about Prescribed Fire: Lessons from the Social Sciences. Central Oregon Prescribed Fire Training Exchange. April 30, 2018.
- Non-Stick Science: Sixty Years of Research and (In)Action on Fluorinated Compounds. Washington State University Sociology Department Colloquium. Pullman, WA. April 13, 2018.
- Waiting for the Next Big One. Whitman College Alumni Program. Historic Kenton Firehouse. Portland, OR. March 3, 2018.
- What Can Sociology Teach us about Disasters? Whitman College. Walla Walla, WA. October 3, 2017.
- Social and Scientific Discovery; Closing Comments and Future Directions. Highly Fluorinate Compounds: Social and Scientific Discovery. Boston, MA. June 14-15, 2017.

- Communication and Outreach about Prescribed Fire: Lessons from the Social Sciences. Central Oregon Prescribed Fire Training Exchange. May 1, 2017.
- Fighting Fire in a Risky World. Earth, Itself. Brown University, Providence, RI. April 20, 2017.
- Waiting for the Next Big One: Catastrophic Wildfire and Other Motivators of Improved Wildfire Risk Management. Project Wildfire. Bend, OR. August 9, 2016.
- Engaging the Public in Conversations about Prescribed Fire and Risk. Central Oregon Ecological Fire Training Exchange. Bend, OR. April 25, 2016.
- Waiting for the Next Big One: Catastrophic Wildfire and Other Motivators of Improved Wildfire Risk Management. Central Oregon Fire Science Symposium. Bend, OR. March 25, 2016.
- Toxic Safety: Flame Retardants, Chemical Controversies, and Environmental Health. Alaska Collaborative on Health and the Environment Teleconference. April 6, 2016.
- Challenges in Selecting Alternatives and Implementing Substitution. 2013. Webinar for the Interagency Alternatives Assessment Group.
- Community-Engaged Research and Reflexive Research Ethics. 2012. University of North Carolina-Chapel Hill Superfund Research Program Trainees Meeting.
- Moments of Uncertainty: Ethical Considerations and Flame Retardant Chemicals. 2012. Invited panelist at Fire Retardant Dilemma Conference. Berkeley, CA. With Phil Brown.
- Environmentalism and Environmental Justice. 2011. Invited panelist at EPA STAR Fellows Conference. Washington, DC.
- Social Implications of Risk and Hazard Assessment. 2011. Presentation to the Office of Pollution Prevention and Toxics, Environmental Protection Agency, Washington DC

TEACHING EXPERIENCE

Whitman College: Assistant Professor 2016-2019, Associate Professor, 2019-present

Courses: Environmental Sociology, Environmental Health, Environmental Justice, Sociology of Disasters, Sociology of Health and Illness, Social Research Methods, Social Statistics, Social Problems, COVID-19: An Interdisciplinary Approach, Current Issues in Sociology, Thesis

Senior Thesis Advising: 2022-2023, 7 Sociology-Environmental Studies theses; 2021-2022, 8 Sociology and Sociology-Environmental Studies theses, 1 Health Policy IPM, 1 Health, Science, and Society IPM; 2020-2021, 9 Sociology and Environmental-Studies Sociology theses; 2019-2020, 14 Sociology and Environmental Studies theses; 2018-2019, 10 Sociology and Environmental Studies theses; 2016-2017, 14 Sociology and Environmental Studies theses, 1 Politics-Environmental Studies thesis, 1 Art-Environmental Studies thesis; 2015-2016, 10 Sociology and Environmental Studies theses; 2014-2015, 10 Sociology and Sociology-Environmental Studies thesis, 1 Gender Studies thesis; 2013-2014, 13 Sociology and Environmental Studies theses, 1 Politics-Environmental Studies thesis

Advising of First-year and Transfer Students, Sociology Majors, and Environmental Studies Majors

Dissertation Committees

Lauren Richter, Sociology Department, Northeastern University. PhD 2018.

Laura Rabinow, Science and Technology Studies, Rensselaer Polytechnic Institute. PhD 2019.

Grace Poudrier, Sociology Department, Northeastern University. *Committee 2022-present.*

Brown University

Brown University Sociology Graduate Qualitative Methods Course, Co-Instructor, Spring 2010

PROFESSIONAL AFFILIATIONS

American Sociological Association
Pacific Sociological Association
Association for Environmental Studies and Sciences
Society for Social Studies of Science

PROFESSIONAL DEVELOPMENT

Inclusive Teaching and Antiracist Pedagogy. Whitman College. November 2021-January 2022.
Social Media 101. Science Communication Network. May 2021.
Science and Communication Strategy for Change Workshop. Green Science Policy Institute. March 2021.
Innovation in Teaching and Learning grant. Sociology Department Curriculum Mapping on Theory and Methods Integration. Whitman College, 2019.
College Students Mental Health Workshop. Whitman College, 2019.
Cross-Disciplinary Learning and Teaching Initiative: Environmental Studies modules. Whitman College, 2016-2018.
Cross-Disciplinary Learning and Teaching Initiative: Water. Whitman College, 2014.
Qualitrix. Whitman College, 2014
Engaging the Community for Research Success. NIEHS. Raleigh, NC, 2012
Ethical Awareness in International Collaborations. Brown University, 2009-2010
Spatial Structures in the Social Sciences (S4) GIS Institute. Brown University, 2009
NVIVO Qualitative Software Training Course. Brown University, 2009

MEDIA COVERAGE

2023. *The New Leede*. “Nearly half of US drinking water contains toxic PFAS chemicals, study finds.” <https://www.thenewleede.org/2023/07/nearly-half-of-us-drinking-water-contains-toxic-pfas-chemicals-study-finds/>

2023. *West Virginia Charleston Gazette*. “WV state health officer acknowledges “long-term exposure” PFAS issue after testing reveal drinking water detections.” https://www.wvgazettemail.com/news/energy_and_environment/wv-state-health-officer-acknowledges-long-term-exposure-pfas-issue-after-testing-reveal-drinking-water/article_61343d38-10c4-58e3-8954-5481aa774b47.html

2023. *The Houston Chronicle*. “Map shows likely sources of ‘forever chemicals’ around Houston as EPA tries to regulate them.” <https://www.houstonchronicle.com/projects/2023/forever-chemicals-map-pfas-source-houston-texas>

2023. *The New Leede*. “EPA announces proposed drinking water standards for six toxic PFAS chemicals.” <https://www.thenewleede.org/2023/03/epa-announces-proposed-drinking-water-standards-for-six-toxic-pfas-chemicals/>

2022. *Milwaukee Journal Sentinel*. “Testing for 'forever chemicals' lacking for tribal water systems.” <https://www.jsonline.com/story/news/2022/12/14/testing-for-forever-chemicals-lacking-for-tribal-water-systems/69726206007/>
2022. *The Maine Monitor*. “The price of PFAS: ‘Forever chemicals’ generate boundless costs.” <https://www.themainemonitor.org/the-price-of-pfas-forever-chemicals-generate-boundless-costs/>
2022. *ProPublica*. “Why the U.S. Is Losing the Fight to Ban Toxic Chemicals.” <https://www.propublica.org/article/toxic-chemicals-epa-regulation-failures>
2022. Coverage of Presumptive PFAS Contamination paper in 85 news outlets, including the following select stories:
- The Hill*. “Scientists say ‘forever chemicals’ may be contaminating 57,000 US sites.” <https://thehill.com/policy/equilibrium-sustainability/3684169-scientists-say-forever-chemicals-may-be-contaminating-57000-us-sites/>
- Environmental Health News*. “Toxic PFAS contamination is likely at more than 57,000 U.S. locations: Report.” <https://www.ehn.org/pfas-across-the-united-states-2658444760.html>
- C&EN*. “PFAS pollution likely at thousands of manufacturing sites.” <https://cen.acs.org/environment/persistent-pollutants/PFAS-pollution-likely-thousands-US/100/i37>
- Politico*. “Forever, but also everywhere.” <https://www.politico.com/newsletters/the-long-game/2022/10/13/forever-but-also-everywhere-00061630>
2022. *Kaiser Health News/The Atlanta Journal-Constitution*. “EPA Action Boosts Grassroots Momentum to Reduce Toxic ‘Forever Chemicals’.” <https://khn.org/news/article/epa-pfas-grassroots-toxic-forever-chemicals-georgia/>
2022. *Charleston Gazette-Mail*. “DEP indicates it won't reassess PFAS discharge limits until permit reissuances despite sharply lower new EPA advisory levels.” https://www.wvgazettemail.com/news/energy_and_environment/new-pfas-health-advisory-levels-mean-drastically-higher-risks-costs-loom-for-wv-ohio-river/article_680a2526-8007-513e-89a3-3a2116700280.html
2022. *Chicago Tribune*. “More than 8 million Illinoisans get drinking water from a utility where forever chemicals have been detected, Tribune investigation finds.” <https://www.chicagotribune.com/news/environment/ct-pfas-illinois-drinking-water-20220710-1cql5pgfjicqrm2libb3gej5ty-htlstory.html>
2022. *Charleston Gazette-Mail*. “DEP indicates it won't reassess PFAS discharge limits until permit reissuances despite sharply lower new EPA advisory levels.” https://www.wvgazettemail.com/news/energy_and_environment/dep-indicates-it-wont-reassess-pfas-discharge-limits-until-permit-reissuances-despite-sharply-lower-new/article_0ecc5f44-04f5-5069-ae79-781c103cfd36.html
2022. *Popular Science*. “4 Lab Accidents that Changed the World.” <https://www.popsci.com/science/science-accidents-discoveries/>
2022. *Bloomberg Law*. “Drought Exposes ‘Canary in This Coal Mine’ of PFAS in Well Water.” <https://news.bloomberglaw.com/environment-and-energy/drought-exposes-canary-in-this-coal-mine-of-pfas-in-well-water>

2022. *Good Housekeeping*. “10 Best Period Underwear of 2022 – PFAS Safety.”
<https://www.goodhousekeeping.com/health-products/g27421796/best-period-panties/>
2022. *Northeastern News*. “Are there toxic chemical sites near you? This new tool can help you find out.” <https://news.northeastern.edu/2022/01/07/pfas-map/>
2021. Talking PFAS Podcast. “Episode 31 Alissa Cordner, The True Cost of PFAS.”
<https://podcasts.apple.com/us/podcast/ep-31-alissa-cordner-true-cost-pfas-environmental-sociologist/id1434997639?i=1000529984603>
2021. *Traverse City-Record*, Eagle, MI. “PFAS in Michigan - 8 month delay in communicating suspected contamination to the public.” https://www.record-eagle.com/news/local_news/foia-shows-travel-voucher-idea-for-pfas-contaminated-well-owners-in-east-bay-township/article_b5f68fae-7aa8-11eb-abb5-376155695061.html
2021. *The Forum*, North Dakota. “Forever chemicals' contaminate sites across North Dakota, including in Fargo.” <https://www.inforum.com/news/science-and-nature/6895666-Forever-chemicals-contaminate-sites-across-North-Dakota-including-in-Fargo>
2021. *Consumer Reports*. “Solvay Impedes Research Into Unknown PFAS by Threatening Testing Lab With Legal Action.” <https://www.consumerreports.org/toxic-chemicals-substances/solvay-impedes-research-into-new-pfas-chemicals-by-threatening-testing-lab-with-legal-action/>
2020. *Reuters*. “Water authorities in New York sue 3M, DuPont, Chemours over PFAS.”
<https://www.reuters.com/article/usa-lawsuit-environment/water-authorities-in-new-york-sue-3m-dupont-chemours-over-pfas-idUSL1N286091>
2020. *Time Magazine*. “America’s Clean Water Crisis Goes Far Beyond Flint. There’s No Relief in Sight.” <https://time.com/longform/clean-water-access-united-states/>
2019. *National Public Radio*. “Scientists Dig Into Hard Questions About The Fluorinated Pollutants Known As PFAS.” <https://www.npr.org/sections/health-shots/2019/04/22/708863848/scientists-dig-into-hard-questions-about-the-fluorinated-pollutants-known-as-pfa>

SERVICE

Advisory and Other Invited Committees

- Advisory Committee and Mentor, National Institute of Environmental Health Sciences Training Grant, “Transdisciplinary Training at the Intersection of Environmental Health Science and Social Science” grant at Northeastern University (2021-present)
- Steering Committee, National PFAS Conferences (2017, 2019, and 2022)
- Conference Advisory Committee Member, FLUOROS 2020/2021 (2020-2021)
- Science Advisory Board Member, National Institute of Environmental Health Sciences “PFAS-REACH (PFAS Research, Education, and Action for Community Health)” grant to Silent Spring Institute and Northeastern University (2018-present)
- Advisory Committee, PFAS Chemical Action Plan, Washington State Department of Ecology (2017-2021)

Service to the Profession:

- ASA Environmental Sociology Section, Teaching, Training and Practice Committee Chair (elected), 2021-2023

Book Salon Organizer, Jill Harrison's *Inside Out*, Pacific Sociological Association 2021 Annual Meeting

Mentor in American Sociological Association's Environmental Sociology Section Mentoring Program, 2020-present

ASA Environment and Technology Section, Policy and Research Committee Chair (elected), 2016-2018

Panel Organizer, "Risk," American Sociological Association 2016 Annual Meeting

Panel Discussant, "Sociology of Science," American Sociological Association 2016 Annual Meeting

ASA Environment and Technology Section Student Member (elected), 2012-2014

Paper Reviewer: *Agriculture and Human Values*, *American Journal of Sociology*, *Biopolitics*, *Bulletin of Science & Technology*, *Canadian Journal of Communication*, *Climatic Change*, *Environment and Society*, *Environmental Health Perspectives*, *Environmental Justice*, *Environmental Sociology*, *Exposure and Health*, *International Journal of Undergraduate Research and Creative Activities*, *Journal of Health and Social Behavior*, *Journal of the American Planning Association*, *Journal of Urbanism*, *Nature and Culture*, *PLOS One*, *Political Geography*, *Population and Environment*, *Progress in Community Health Partnerships*, *Qualitative Sociology*, *Risk Analysis*, *Science as Culture*, *Science of the Total Environment*, *Science Technology and Human Values*, *Social Movement Studies*, *Social Problems*, *Social Science & Medicine*, *Social Studies of Science*, *Society & Natural Resources*, *Sociological Spectrum*, *Sociological Forum*, *Sociological Perspectives*, *Sociological Theory*, *Teaching Sociology*

Book Reviewer: *American Journal of Sociology*

Film Reviewer: Bullfrog Films

Book Manuscript Reviewer: Duke University Press, Rutgers University Press, University of California Press

Proposal Reviewer: Oregon SeaGrant Program, Agency for Toxic Substances and Disease Registry, National Science Foundation

Workshop Proceedings Reviewer: National Academies of Sciences

Special Emphasis Panel Scientific Peer Reviewer, ATSDR RFA-TS-19-002

Service to Whitman College:

Sociology Department Chair (2022-present)

Institutional Review Board: Chair (2019-present)

Faculty Search Committee Chair: Visiting Assistant Professor of Sociology, 2022 (2), 2023 (2); Tenure Track Assistant Professor of Sociology, 2022

Faculty Search Committee Member: Visiting Assistant Professor of Sociology, 2013; Tenure Track Assistant Professor of Sociology, 2014; Tenure Track Assistant Professor of Anthropology and Environmental Health, 2014; Tenure Track Assistant Professor of Spanish, 2016; Visiting Assistant Professor of Sociology, 2017; Visiting Assistant

Professor of Sociology, 2018; Tenure Track Assistant Professor of Sociology, 2020;
Visiting Assistant Professor of Sociology, 2021;
Staff Search Committee Member: Information Security Office, 2023
Environmental Studies Committee (2013-present)
Tenure-track Faculty Mentorship Program, as Mentor (2019-present)
Committee on Student Evaluations (2019-2021)
Academic Information Technology Advisory Group (2014-2017; Chair 2016-2017)
Assessment and Accreditation Committee (2016-2017)
Faculty Advisory, Action for Animals student group (2016-2017)
Institutional Review Board: Member (2014-2015)
Faculty Advisor, Alpha Phi Sorority (2014-2018)

Service to the Community:

Wildland Firefighter Volunteer, Walla Walla County Fire District 4, Wildland Firefighter
2017-present; Public Information Volunteer 2019-present; Station 43 Treasurer 2019-
present
Hanford Advisory Board Public-at-Large member, Department of Energy Appointee, 2014-
2018
Board Member, Northwest Green Chemistry, 2018-2021
Court Appointed Special Advocate Volunteer, Rhode Island Department of Youth and
Family Services, 2009-2011; Walla Walla County, 2014-2019