

SCOTT FRICKEL
Curriculum Vita

January 2023

Professor

Department of Sociology

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Brown University

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HOME ADDRESS

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AREAS OF RESEARCH AND TEACHING SPECIALIZATION

Environment, Disasters, Risk
Environmental Justice
Social Theory

Science, Technology, Knowledge
Social Movements
Historical/Comparative Methods

EDUCATION

University of Wisconsin-Madison
Ph.D. in Sociology, 2000 (minor in Environmental History)
M.A. in Sociology, 1992

University of Colorado-Boulder
B.A. *Magna cum Laude*, in Sociology and Political Science, 1988

PROFESSIONAL POSITIONS

Professor, Department of Sociology and Environmental and Society, Brown

University, 2017-

Director of Graduate Studies, Department of Sociology, Brown University, 2017-2020

Associate Professor, Department of Sociology and Environmental and Society, Brown University, 2014-2017

Leader, Community Engagement Core, Brown Superfund Research Program, 2015-2022

Chair, Science, Knowledge and Technology Section (ASA), 2015-17

Boeing Distinguished Professor of Environmental Sociology, WSU, 2013-14

Chair-Elect, Science, Knowledge and Technology Section (ASA), 2013-15

Visiting Associate Professor, Department of Global Health Systems and Development, School of Public Health and Tropical Medicine, Tulane University, 2012-13 (sabbatical leave)

Associate Professor, Department of Sociology, WSU, 2009-

Co-Director of Graduate Studies, Department of Sociology, WSU, 2008-11

Assistant Professor, Department of Sociology, Washington State University, 2007-2009

Assistant Professor, Department of Sociology, Tulane University, 2001-2007

EDITORSHIPS

Series Founder and Editor, “Nature, Society and Culture” book series, Rutgers UP, 2013-

Editorial Board, *Engaging Science, Technology and Society*, 2014-2020

Editorial Advisory Board, *Sociological Perspectives*, 2012-2016

HONORS, AWARDS AND FELLOWSHIPS

2021 Cogut Institute of the Humanities Faculty Fellowship, for “Ground Truth: A Historical Sociology of Urban Soils”

2020 Robert E. Park Book Prize, ASA section on Community and Urban Sociology (for *Sites Unseen*).

2016 Nominated for Andrew Carnegie Fellowship 2017. Proposed project: “Ecological City: Environmental Risk and Privilege in America’s Industrial Birthplace.” (not awarded)

- 2016 Honorable Mention, Jane Addams Award, ASA section on Community and Urban Sociology (for “Urbanization as Socioenvironmental Succession: The Case of Hazardous Industrial Site Accumulation,” co-authored with James R. Elliott)
- 2015 Visiting Professor Fellowship, Department of Sociology, Université Paris-Dauphine, Paris, France, summer.
- 2012 Starr-Nelkin Award, ASA section on Science, Knowledge, and Technology (for “Science and Neoliberal Globalization: A Political Sociological Approach,” co-authored with Kelly Moore, Daniel Kleinman and David Hess)
- 2010 21st Annual Nicholas Mullins Lecture, Department of Science & Technology in Society, Virginia Polytechnic Institute and State University, April 9
- 2006 Robert K. Merton Book Award, ASA section on Science, Knowledge, and Technology (for *Chemical Consequences*)
- 2005 Honorable Mention, Outstanding Publication Award, ASA Section on Environment and Technology (for *Chemical Consequences*)
- 1996 Visiting Fellow, University of Michigan - Ann Arbor. 1995-96 Sawyer Seminar of the Advanced Study Center of the International Institute, “Social Movements and Social Change in a Globalized World”
- 1994 Hacker-Mullins Graduate Student Paper Award, ASA section on Science, Knowledge, and Technology
- 1992 Vilas Scholars Fellowship for outstanding scholarly achievement, Graduate School, University of Wisconsin-Madison
- 1988 Departmental Honors, *Magna cum Laude* (Sociology), University of Colorado

EXTERNALLY FUNDED GRANTS

National Science Foundation (PIs Scott Frickel and Christopher Rea) “Collaborative Research: The Environmental State: A Historical-Sociological Study, 1870-2022.” (24 months, 8/01/22-7/31/24) requested amount for Brown University: \$163,189. Under revision.

National Institute of Environmental Health Sciences (PI Robert Hurt; Frickel Co-PI) “Brown University Superfund Research Program: Preventing Developmental Impacts of Pervasive Organic Contaminants,” P42 (4/1/2022 - 3/31/2027); requested amount: \$13,609,684.00. Under review.

National Science Foundation (PI Michelle Crimi; Frickel Co-PI) “Planning Grant: Engineering

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Research Center to Stop Cycling of Emerging Contaminants through User-Centered Research and Education (SECURE),” not funded.

National Institute of Environmental Health Sciences (PI Jennifer Horney, U. Delaware) “Research to Action: Legacy contamination into local knowledge: Conducting a comprehensive, community-engaged risk assessment in Coastal Delaware” R01 (11/01/20-10/31/24; total requested amount: \$2,281,539; Brown total: \$365,242), not funded.

National Institute of Environmental Health Sciences (PI Scott Frickel) “Geospatial dimensions of exposure risk and inequality.” Superfund Research Program Grant, Project 5 (4/01/20-3/31/25; \$1,232,332), not funded.

National Institute of Environmental Health Sciences (PI Scott Frickel) “Community Engagement Core.” Superfund Research Program Grant (4/01/20-3/31/25; \$768,539), not funded.

National Institute of Environmental Health Sciences (PI Robert Hurt) “Superfund Research Project Collaborative Supplement for Data Integration” (7/01/19-6/30/20; \$148,000).

National Science Foundation (PI Scott Frickel, Co-PI Florencia Arancibia), “Postdoctoral Fellowship: A Social Network Analysis of Argentina’s Pesticide Effects Conflict,” (2 years, \$151,150), 2018-2020.

National Science Foundation (PI Scott Frickel, Co-PIs Christine Horne, Anurag Srivastava), “Collaborative Research: Cooperation and Contention in a Collective Action Field: The Case of Smart Meters,” (2 years, \$171,662), 2016-2018.

National Institute of Environmental Health Sciences (PI Kim Boekelheide) “Toxicant Exposures in Rhode Island: Past, Present, and Future.” Superfund Research Program Grant (5 years, \$2,111,083), 2015-2019.

National Science Foundation (PI Scott Frickel, Co-PI Kim Fortun), “Disaster Science and Technology Studies (DSTS): Advancing an Emerging Subfield” (1 year; \$25,000), 2012-13

National Science Foundation (Co-PI with Jeffrey Wickliffe), “Collaborative Research: What Makes Lay/Expert Collaborations Succeed?” (1 year; \$32,634 to WSU), 2010-11

National Science Foundation (Co-PI with James R. Elliott). “Collaborative Research: Urban-Environmental Restructuring in the U.S.,” (2 years; \$122,223 awarded to WSU), 2008

National Science Foundation, Dissertation Improvement Grant (\$9,000), 1997

UNIVERSITY-SPONSORED GRANTS

IBES, “Working Group on Computational Environmental Science and Technology Studies.”

Faculty Seed Grant proposal (working group), \$38,935, 2022-2024.

Brown University “The epistemic politics of social movements.” Salomon Faculty Research Award (\$8,132), 2020-2021.

Brown University (submitted by John Logan, Scott Frickel and Andras Zsom) “Developing methods for historical mapping of populations and industrial firms.” Data Science Initiative Seed Grant Proposal (\$20,000), 2019-2020.

Brown University, Social Science Research Institute, Seed Grant, “Finalizing the Socio-Ecological City Project Database,” (\$7,400), 2018-2019. PI: Frickel. Resources will pay for high resolution scans and subsequent digitization of every page of every available Providence area City Directory from 1991-present. This will complete data collection for the Socio-Ecological City Project database.

Brown University, Office of Vice President of Research, Research Seed Funds, “Assembling Comprehensive, Fine-scale Data on Historical Transformations in Land Use,” (\$50,000), 2017-2018. PI: Frickel. Provides resources to extract geospatial data from Providence-area telephone books, 1950s-present for the Ecological Cities Project.

Brown University, Dean of Faculty, Individual UTRA, “Scientific/Intellectual Movements in Sociology, 1895-present.” PI: Frickel. Provides full-time summer funding for one undergraduate research assistant. Under my supervision the student will develop and begin to analyze a database of historically existing SIMs using bibliometric databases and other historical source material, 2016.

Brown University, IBES, Seed Grant, “How do Expert Networks Interact across Social Movement Fields? A Study of Shadow Mobilization Dynamics in Greater Metro Boston.” (\$15,000). PI: Frickel. Provides resources for three sociology graduate students to collect interviews with Boston-area environmental and social justice experts.

Brown University, IBES, Science and Technology Studies Program, and Superfund Research Program, “Uncertain Worlds: Science, Risk and Regulation in Environmental Health” (\$6,730). PI: Frickel. Provides resources to convene an international team of science studies scholars for a 2-day planning meeting and public lecture to be held in April 2016.

Brown University, Dean of the Faculty, I-Team UTRA, “Socio-environmental Succession in Providence, Rhode Island, 1950-2015.” PI: Frickel. One of three proposals funded; provides funds to hire four Brown undergraduate students to develop a comprehensive historical data base on public green spaces in Providence during summer 2015.

- Request for additional funding approved through December 2015.
- Request for additional funding approved through May 2016.

WSU Energy Systems Innovation Center 2014 Seed Grant (Co-PI with Christine Horne and Anurag Srivastava), “Implementing Smart Meter Applications in Washington State:

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Institutional Analysis of an Emerging Technological Field” (1 year, \$9,200); requested for research assistance and travel to conduct 20 key informant interviews).

WSU College of Letters and Arts (Co-PI with Christine Horne and Anurag Srivastava), “Social Factors Influencing Implementation and Use of Smart Grid Technologies” (1 year, \$5,000 for preliminary data collection and analysis), 2012-13.

“Katrina-Rita Relief Grant: Institutional Production of Knowledge Gaps in Post-Katrina New Orleans,” Southern Sociological Society (\$400), awarded 2006; received 2008

Social Sciences Research Council. “Katrina’s Contamination: State and Civil Society Responses to Environmental Risk” (\$5,000), 2007

Tulane Research Enhancement Fund. “Shadow Mobilizations and Knowledge Gaps: Two Studies of Environmental Knowledge Politics” (\$15,850; retracted by Tulane University), 2007

Coypu Foundation Grant for “Institutional Analysis of Invasive Species Research, Policy, and Implementation Programs” (\$6,000), 2004

Georges Lurcy Fund for Faculty Research Grant for “The Organizational Structure of Scientist Activism in Environmental Justice Conflicts” (\$750), 2003

Senate Committee on Research (COR) summer fellowship. Tulane University (\$4,000), 2002

WORKSHOPS

- 2022 Co-organizer for 2.5-day workshop, “Computational Environmental STS”, Laboratoire Interdisciplinaire Sciences Innovations Sociétés, Noisy-le-Grande, France (July 11-13)
- 2016 Organizer for 2-day planning workshop, “Uncertain Worlds: Science, Risk and Regulation in Environmental Health.” Brown University (April 2016)
- 2013 Co-Organizer with Kim Fortun, “Disaster Science and Technology Studies: Advancing an Emerging Field.” National Science Foundation, Arlington, VA (Sept. 19-21)

PEER REVIEWED PUBLICATIONS

(†postdoctoral fellow; *graduate student coauthor; **undergraduate student coauthor)

Monographs

Soraya Boudia, Angela Creager, Scott Frickel, Emmanuel Henry, Nathalie Jas, Jody Roberts, and Carsten Reinhardt. 2022. *Residues: Thinking through Chemical Environments*. New Brunswick, NJ: Rutgers University Press.

Frickel, Scott and James R. Elliott. 2018. *Sites Unseen: Uncovering Hidden Hazards in*

American Cities. ASA Rose Series in Sociology. New York: Russell Sage Foundation.

Frickel, Scott. 2004. *Chemical Consequences: Environmental Mutagens, Scientist Activism, and the Rise of Genetic Toxicology*. New Brunswick: Rutgers University Press.

Edited Volumes and Special Issues

Shannon Dosemagen, Aya Kimura, Scott Frickel, and Alison Parker, editors. 2022. Disaster, Infrastructure and Participatory Knowledge (Special issue of *Citizen Science: Theory and Practice*), 7(1): articles 14-23;

<https://theoryandpractice.citizenscienceassociation.org/collections/special/disaster-infrastructure-and-participatory-knowledge/>

Scott Frickel, Mathieu Albert, and Barbara Prainsack, editors. 2016. *Investigating Interdisciplinary Collaboration: Theory and Practice across Disciplines*. New Brunswick, NJ: Rutgers University Press.

Scott Frickel and David J. Hess, editors. 2014. *Fields of Knowledge: Science, Politics, and Publics in the Neoliberal Age*. London: Emerald Press.

Scott Frickel and Kelly Moore, editors. 2006. *The New Political Sociology of Science: Institutions, Networks, and Power*. Madison: University of Wisconsin Press.

- 2013, Korean language edition published by Galmuri Press (Seoul, South Korea).

Journal Articles

Jonathan Tollefson, Scott Frickel, Summer Gonsalves and Thomas Marlow. “Parks, People and Pollution: A Relational Study of Socioenvironmental Succession.” *City & Community*, special issue on “Environmentalizing Urban Sociology”, accepted for publication.

Meghan Elizabeth Kallman and Scott Frickel. 2022 (online). “Making the ‘Business Case’: Vocabularies of Motive and Clean Tech Innovation in the Hidden Developmental State.” *Socio-Economic Review*, <https://doi.org/10.1093/ser/mwac061>

Scott Frickel and Jonathan Tollefson. 2022. “When Environmental Inequality Racialized: Historical Evidence from Providence, Rhode Island. *Socius*, 8, <https://doi.org/10.1177/23780231221127541>

Scott Frickel, Apollonya Porcelli, Amy Teller, and Aaron Niznik. 2022. “Embodied, embedded or both? Investigating experts and expertise in two Greater Boston social movements.” *Social Movement Studies*, <https://doi.org/10.1080/14742837.2022.2125373>

Thomas Marlow, James R. Elliott and Scott Frickel. 2022. “Future Flooding Increases Unequal Exposure Risks to Relic Industrial Pollution,” *Environmental Research Letters* 17 074021. DOI: <https://doi.org/10.1088/1748-9326/ac78f7>

Apollonya Porcelli, Scott Frickel and *Aaron Niznik. 2022. “Long After ‘People Before Highways’: Social Movements and Knowledge Politics in Greater Boston, 1960-2016,” *Social Problems*, spac048, <https://doi.org/10.1093/socpro/spac048>

*Jonathan Tollefson, Scott Frickel, Summer Gonsalves, Thomas Marlow, Robert Sucsy, Michael Byrns and Melissa OrpenTuz. 2022. “Early childcare and education in a post-industrial landscape: Inequalities in exposure to active and relic manufacturing in metropolitan Providence, Rhode Island.” *Environmental Justice*, 11 July, <https://doi.org/10.1089/env.2021.0121>.

Shannon Dosemagen, Aya Kimura, Scott Frickel, and Alison Parker. 2022. “Introduction: Disaster, Infrastructure and Participatory Knowledge,” *Citizen Science: Theory and Practice*, 7(1) 14, pp. 1–6. DOI: <https://doi.org/10.5334/cstp.513>

Florencia Arancibia, Valeria Arza, Damián Verzeñassi, and Scott Frickel. 2022. “Building participatory knowledge infrastructure against the GMO agribusiness regime: The case of Los Campamentos Sanitarios,” *Citizen Science: Theory and Practice*, 7(1), 17, pp. 1–13. DOI: <https://doi.org/10.5334/cstp.400>

Tollefson, Jonathan, Scott Frickel and Maria I. Restrepo. 2021 “Feature extraction and machine learning techniques for identifying historic urban environmental hazards: New methods to locate lost fossil fuel infrastructure in US cities” *PLOS One*, <https://doi.org/10.1371/journal.pone.0255507>.

Bell, Samuel, *Thomas Marlow, **Kai Wombacher, **Anina Hitt, **Neev Parikh, Andras Zsom, and Scott Frickel. 2020. “Automated data extraction from historical city directories: the rise and fall of mid-century gas stations in Providence, RI.” *PLOS One*, <https://doi.org/10.1371/journal.pone.0220219>

Erik Johnson, Ali O. Ilhan, and Scott Frickel. 2020. “Riding A Long Green Wave: Interdisciplinary Environmental Sciences and Studies in Higher Education” *Environmental Sociology*, <https://doi.org/10.1080/23251042.2020.1792032>

*Marlow, Thomas, Scott Frickel, and James R. Elliott. 2020. “Do Legacy Industrial Sites Produce Legacy Effects in Ethnic and Racial Residential Settlement? Environmental Inequality Formation in Rhode Island’s Industrial Core.” *Sociological Forum* 35(4): 1093-1113; <https://doi.org/10.1111/socf.12639>

Frickel, Scott and †Christopher Rea. 2020. “Drought, Hurricane, or Wildfire? Assessing the Trump Administration’s Anti-Science Disaster.” *Engaging Science, Technology and Society* 6:66-75; DOI:10.17351/ests2020.297.

Kallman, Meghan Elizabeth and Scott Frickel. 2019. “Nested Logics and Smart Meter Adoption: Institutional Processes and Organizational Change in the Diffusion of Smart Meters

in the United States.” *Energy Research & Social Science* 57: 101249.

Rotolo, Thomas and Scott Frickel. 2019. “When Disasters Strike Environmental Science: A Case-control Study of Changes in Scientific Collaboration Networks.” *Scientometrics* 120 (1):301-317, DOI: 10.1007/s11192-019-03122-y

Berenbaum, David, *Thomas Marlow, **Ashley Lee, **Dwyer Deighan, Scott Frickel, and Mark Howison. 2019. "Mining Spatio-temporal Data on Industrialization from Historical Registries." *Journal of Environmental Informatics* 34(1): 28-34, DOI:10.3808/jei.201700381.

Kallman, Meghan Elizabeth and Scott Frickel. 2019. “Power to the People: Industrial Transition Movements and Energy Populism,” *Environmental Sociology* 5(3): 255-268, DOI: 10.1080/23251042.2018.1531497

Boudia, Soraya, Angela N.H. Creager, Scott Frickel, Emmanuel Henry, Nathalie Jas, Carsten Reinhardt, Jody A. Roberts. 2018. “Residues: Rethinking Chemical Environments.” *Engaging Science, Technology and Society* 4: 165-178. DOI:10.17351/ests2018.245

Guelfo, Jennifer L., Thomas Marlow, David M. Klein, David A. Savitz, Scott Frickel, Michelle Crimi, Eric M. Suuberg. 2018. “Evaluation and management strategies for per- and polyfluoroalkyl substances (PFASs) in drinking water aquifers: perspectives from impacted U.S. Northeast communities.” *Environmental Health Perspectives* 126(6), DOI:10.1289/EHP2727

Frickel, Scott, Daniella Wühr, Christine Horne, and Meghan Kellman[†]. 2017. “Field of Visions: Inter-organizational Challenges to Smart Energy Transition in Washington State.” *Brooklyn Law Review* 82(2):693-724.

Frickel, Scott, Rebekah Torcasso* and Annika Anderson*. 2015. “The Organization of Expert Activism: Shadow Mobilization in Two Social Movements” *Mobilization: An International Quarterly* 21(3): 305-323.

Elliott, James R. and Scott Frickel. 2015. “Urbanization as Socio-environmental Succession: The Case of Hazardous Industrial Site Accumulation” *American Journal of Sociology* 120(6): 1736-1777.

Christine Horne, Brice Darras,* Anurag Srivastava, and Scott Frickel. 2015. “Privacy Norms and the Smart Grid: Results from Two Experiments” *Social Science Research*, 51:64-76.

Mark Wilson, Scott Frickel, Daniel Nguyen, Tap Bui, Stephen Echsner, Bridget R. Simon, Jessi Howard*, Kent Miller and Jeffrey K. Wickliffe. 2014. “A Targeted Health Risk Assessment Following the *Deep Water Horizon* Oil Spill: Polycyclic Aromatic Hydrocarbon Exposure in Vietnamese-American Shrimp Consumers.” *Environmental Health Perspectives*, DOI:10.1289/ehp.1408684.

David J. Hess and Scott Frickel. 2014. "Introduction: Fields of Knowledge and Theory Traditions in the Sociology of Science." *Political Power and Social Theory* 27(August): 1-30. Special issue on *Fields of Knowledge: Science, Politics, and Publics in the Neoliberal Age*, Scott Frickel and David J. Hess, guest editors.

Frickel, Scott. 2014. "Absences: Methodological Note about Nothing, in Particular." *Social Epistemology* 28(1): 86-95.

Jeffrey Wickliffe, Edward Overton, Scott Frickel, Jessi Howard, Mark Wilson, Bridget Simon, Daniel Nguyen, David Gauthe, Diane Blake, Charles Miller, Cornelis Elferink, Shakeel Ansari, Harshica Fernando, Edward Trapido, Stephen Roberts, Leah Stuchal, John Munson, Anne Mathews, Andrew Kane. 2014. "Evaluation of Polycyclic Aromatic Hydrocarbons Using Analytical Methods, Toxicology, and Risk Assessment Research: Seafood Safety after a Petroleum Spill as an Example." *Environmental Health Perspectives* 122(1):6. DOI:10.1289/ehp.1306724.

Scott Frickel. 2014. "Learning to Think About a Mountain with Bill." Special issue: William R. Freudenburg: A Life in Social Research, Susan Maret, guest ed. *Research in Social Problems and Public Policy* (21):35-44.

Elliott, James R. and Scott Frickel. 2013. "The Historical Nature of Cities: A Study of Urbanization and Hazardous Waste Site Accumulation." *American Sociological Review*. 78(4):521-543 (lead article).

Johnson, Erik and Scott Frickel. 2011. "Ecological Threat and the Founding of U.S. National Environmental Movement Organizations, 1962-1998," *Social Problems* 58(3):305-329 (lead article).

Moore, Kelly, Daniel Kleinman, David Hess, and Scott Frickel. 2011. "Science and Neoliberal Globalization: A Political Sociological Approach" *Theory and Society* 40:505-532. (Winner, Star-Nelkin Award)

Elliott, James R. and Scott Frickel. 2011. "Uncovering Environmental Consequences of Urban Change: The Production and Conversion of Relict Waste Sites in Portland and New Orleans" *Journal of Urban Affairs* 33:61-82.

Frickel, Scott, Sahra Gibbon, Jeff Howard, Joanna Kempner, Gwen Ottinger, and David Hess. 2010. "Undone Science: Charting Social Movement and Civil Society Challenges to Research Agenda Setting." *Science, Technology & Human Values* 35(4):444-473 (lead article).

Jacobs, Jerry and Scott Frickel. 2009. "Interdisciplinarity: A Critical Assessment." *Annual Review of Sociology*, 35:43-65.

Frickel, Scott, Richard Campanella and M. Bess Vincent*. 2009. "Mapping Knowledge

Investments in the Aftermath of Hurricane Katrina: A New Approach for Assessing Regulatory Agency Responses to Environmental Disaster.” *Environmental Science & Policy* 12(2):119-133.

Frickel, Scott. 2008. “On Missing New Orleans: Lost Knowledge and Knowledge Gaps in an Urban Hazardscape” *Environmental History* 13(4):634-650.

Frickel, Scott and James R. Elliott. 2008. “Tracking Industrial Land Use Conversions: A New Approach for Studying Relict Waste and Urban Development” *Organization & Environment* 21(2):128-147.

Frickel, Scott and M. Bess Vincent*. 2007. “Katrina, Contamination, and the Unintended Organization of Ignorance.” *Technology in Society*, 29:181-188.

Frickel, Scott and Neil Gross. 2005. “A General Theory of Scientific/Intellectual Movements.” *American Sociological Review*, 70:204-232.

Davidson, Debra J. and Scott Frickel. 2004. “Understanding Environmental Governance: A Critical Review.” *Organization & Environment*, 13(4):471-492.

Frickel, Scott. 2004. “Just Science?: Organizing Scientist Activism in the U.S. Environmental Justice Movement.” *Science as Culture*, 13(4):449-469.

Frickel, Scott. 2004. “Building an Interdiscipline: Collective Action Framing and the Rise of Genetic Toxicology.” *Social Problems* 51(2):269-287.

Frickel, Scott. 2004. “Scientist activism in environmental justice conflicts: An argument for synergy,” *Society and Natural Resources* 17:1-8.

Frickel, Scott and Debra J. Davidson. 2004. “Building Environmental States: Legitimacy and Rationalization in Sustainability Governance.” *International Sociology* 19(1):89-110.

Frickel, Scott. 2001. “The Environmental Mutagen Society and the Emergence of Genetic Toxicology: A Sociological Perspective.” *Mutation Research* 7647: 1-8.

Freudenburg, William R., Scott Frickel, and Rachel Dwyer. 1998. “Diversity and Diversion: *Higher Superstition* and the Dangers of Insularity in Science and Technology Studies.” *International Journal of Sociology and Social Policy* 18(5/6): 3-32.

Freudenburg, William R., Scott Frickel, and Rachel Dwyer. 1998. “Diversity and Diversion: *Higher Superstition* and the Dangers of Insularity in Science and Technology Studies.” *International Journal of Sociology and Social Policy* 18(5/6): 3-32.

Frickel, Scott. 1996. “Engineering Heterogeneous Accounts: The Case of Submarine Thermal Reactor Mark-I,” *Science, Technology & Human Values*, 21(1):28-53.

Frickel, Scott and William R. Freudenburg. 1996. "Mining the Past: Historical Context and the Changing Implications of Natural Resource Development." *Social Problems*, 43(4):601-623.

Freudenburg, William R., Scott Frickel, and Robert Gramling. 1996. "Crossing the Next Divide: A Reply to Pickering." *Sociological Forum* 11(1):159-173.

Freudenburg, William R., Scott Frickel, and Robert Gramling. 1995. "Beyond the Nature/Society Divide: Learning to Think About a Mountain." *Sociological Forum* 10(3):361-92.
Reprinted in D. Inglis, ed., *Nature: Critical Concepts in the Social Sciences*. London: Routledge.

Freudenburg, William R. and Scott Frickel. 1994. "Digging Deeper: Mining-Dependent Regions in Historical Perspective." *Rural Sociology* 59(2):266-88.

Reprinted in C. Humphrey, T. Lewis, and F. Buttel, eds. 2002. *Environment, Energy, and Society: Exemplary Works*. Belmont, CA: Wadsworth Thompson Learning, 39-54.

Chapters in Edited Books, Handbooks and Encyclopedias

Frickel, Scott. 2023. "Hidden Hazards." In Christine Overdeveest, ed, *Encyclopedia of Environmental Sociology*, Cheltenham, U.K.: Edward Elgar Publishing Limited, in production.

Frickel, Scott and Abby Kinchy. 2022. "Lost in Space: Place, Space and Scale in the Production of Ignorance." Pp. 191-200 in Mattias Gross and Linsey McGoey, eds, *International Handbook of Ignorance Studies*, 2nd edition. London: Routledge.

Frickel, Scott and †Florescia Arancibia. 2021. "Environmental Science and Technology Studies." Pp. 457-476 in Beth Caniglia, Andrew Jorgenson, Stephanie Malin, and Lori Peek, David Pellow, and Xiaorui Huang, eds., *International Handbook of Environmental Sociology*. New York:Springer.

Scott Frickel and Florescia Arancibia. 2022. "Mobilizing Environmental Experts and Expertise." Pp. 278-292 in Marco Guigni and Maria Grasso, eds. *Routledge Handbook of Environmental Movements*. London: Routledge.

Scott Frickel. 2020. "Cities are Subterranean Disasters." In Tsing, Anna, Jennifer Deger, Alder Keleman and Feifei Zhou, eds. *Feral Atlas: the More-than-Human Anthropocene*, Stanford CA: Stanford University Press Digital, available at <https://feralatlus.supdigital.org/poster/cities-are-subterranean-disasters>

Hess, David J., Sulfikar Amir, Scott Frickel, Daniel Lee Kleinman, Kelly Moore, and Logan Williams. 2016. "Structural Inequality and the Politics of Science and Technology." In *Handbook of Science and Technology Studies*, eds. Ulrike Felt, Rayvon Fouché, Clark Miller, and Laurel Smith-Doerr. London and New York: Sage, 319-348.

Frickel, Scott Mathieu Albert, and Barbara Prainsack. 2016. "Investigating Interdisciplinary." In *Investigating Interdisciplinary Collaboration: Theory and Practice across Disciplines*, eds. Scott Frickel, Mathieu Albert, and Barbara Prainsack. New Brunswick, NJ: Rutgers University Press, 5-24.

Frickel, Scott and Ali Ilhan*. 2016. "Disciplinary and Interdisciplinary Change in the Social Sciences: A Longitudinal Comparison." In *Investigating Interdisciplinary Collaboration: Theory and Practice across Disciplines*, eds. Scott Frickel, Mathieu Albert, and Barbara Prainsack. New Brunswick, NJ: Rutgers University Press, 148-169.

Frickel, Scott and Abby Kinchy. 2015. "Lost in Space: Geographies of Ignorance in Science and Technology Studies." *International Handbook of Ignorance Studies*. London: Routledge, 174-182.

Frickel, Scott. 2014. "Not Here and Everywhere: The Non-Production of Knowledge" chapter 15 in *Routledge Handbook of Science, Technology and Society*, eds. Daniel Lee Kleinman and Kelly Moore. London: Routledge, 256-269.

Frickel, Scott and Michelle Edwards.* 2014. "Untangling Ignorance in Environmental Risk Assessment." In *Powerless Science? The Making of the Toxic World in the 20th Century*, eds. Nathalie Jas and Soraya Boudia. London, Berghahn Books, 215-233.

Frickel, Scott. 2012. "Missing New Orleans: Tracking Knowledge and Ignorance through an Urban Hazardscape." In *Histories of the Dust Heap: Waste, Material Cultures, and Social Justice*, eds. Stephanie Foote and Elizabeth Mazzolini. Cambridge: MIT Press, 97-117.

Frickel, Scott. 2011. "Who are the Expert Activists of Environmental Health Justice?" In *Engineers, Scientists, and Environmental Justice: Transforming Expert Cultures through Grassroots Engagement*, eds. Benjamin Cohen and Gwen Ottinger. Cambridge, MA: MIT Press, 21-39 (lead chapter).

Frickel, Scott and M. Bess Vincent.* 2011. "Katrina's Contamination: Regulatory Knowledge Gaps in the Making and Unmaking of Environmental Contention." In *Dynamics of Disaster: Lessons in Risk, Response, and Recovery*, eds. Rachel A. Dowty and Barbara L. Allen. London: Earthscan, 11-28 (lead chapter).

Frickel, Scott. 2010. "Shadow Mobilization in Environmental and Health Justice." In *Social Movements and the Transformation of U. S. Health Care*, eds. Jane Banaszak-Holl, Sandra R. Levitsky, and Mayer N. Zald. New York: Oxford University Press, 171-187.

Frickel, Scott and Kelly Moore. 2006. "Challenges and Prospects for a New Political Sociology of Science." In *The New Political Sociology of Science: Institutions, Networks, and Power*, eds. Scott Frickel and Kelly Moore. Madison: University of Wisconsin Press, 3-31.

Frickel, Scott. 2006. "When Convention Becomes Contentious: Organizing Scientist Activism

in Genetic Toxicology.” In *The New Political Sociology of Science: Institutions, Networks, and Power*, eds. Scott Frickel and Kelly Moore. Madison: University of Wisconsin Press, 185-214.

Book Reviews

2021. Review of *The Science of Bureaucracy. Risk Decision-Making and the US Environmental Protection Agency*, David Demortain (Cambridge, MA: MIT Press), *Natures Sciences Sociétés* 29(4): 499-500.

2020. Review of *The Unknowers: How Strategic Ignorance Rules the World*, Linsey McGoey, (London: Zed Books, 2019) *Journal of Cultural Economy*14(3):357-359.

2016. Review of *The Politics of Invisibility: Public Knowledge about Radiation Health Effects after Chernobyl*, Olga Kuchinskaya (Cambridge, MA: MIT Press, 2014). *Contemporary Sociology: A Journal of Reviews* 45(4):466-7.

2015. Review of *In Defense of Disciplines: Interdisciplinarity and Specialization in the Research University*, Jerry A. Jacobs (Chicago: University of Chicago Press, 2013). *Contemporary Sociology: A Journal of Reviews*. 44(6, November): 812-813.

2010. Review of *Mobilizing Science: Movements, Participation, and the Remaking of Knowledge*, Sabrina McCormick (Philadelphia: Temple University Press, 2009). *Isis* 101(4):923.

2010. “Review essay: Global environment and human development.” Reviews of *Beyond Scarcity: Power, Poverty and the Global Water Crisis*, Kevin Watkins. Human Development Report (New York: UNDP, 2006) and *Fighting Climate Change: Human Solidarity in a Divided World*, Kevin Watkins. Human Development Report (New York: UNDP, 2007/2008). *Contemporary Sociology: A Journal of Reviews* 39(2):131-134.

2004. Review of *Science in the Modern World Polity: Institutionalization and Globalization*, Gili Drori, John W. Meyer, Francisco O. Ramirez, and Evan Schofer (Stanford: Stanford University Press, 2003). *Contemporary Sociology: A Journal of Reviews* 33(3):321-2.

1996. Review of *Handbook of Science and Technology Studies*, S. Jasanoff, G. Markle, J. Petersen, and T. Pinch, editors (Thousand Oaks, CA: Sage, 1994). *American Scientist* 83(6, November-December), p. 856.

Non-Peer Reviewed Essays, Comments, Responses and Award Citations

Thomas Marlow, James R. Elliott and Scott Frickel. 2022. “Flood maps show US vastly underestimates contamination risk at old industrial sites.” *The Conversation* (August 2), <https://theconversation.com/flood-maps-show-us-vastly-underestimates-contamination-risk-at-old-industrial-sites-186620>.

Scott Frickel. 2022. Comment, “Open Science Hardware.” *Issues in Science and Technology* 38 (3, Spring), https://issues.org/open-science-hardware-arancio-dosemagen-forum/#forum-response-block_6282a9f40cc23.

Scott Frickel. 2021. “Hidden Maladies and Misplaced Remedies.” *Urban Omnibus*, <https://urbanomnibus.net/2021/07/hidden-maladies-and-misplaced-remedies/> (July 1).

Jonathan Tollefson and Scott Frickel. 2021. “Gasworks, Lost and Found.” *Urban Omnibus*, <https://urbanomnibus.net/2021/07/gasworks-lost-and-found/> (July 1).

Fernando Tormos-Aponte, Scott Frickel, and John Parker. 2020. “Scientists are becoming more Politically Engaged” *Scientific American*, <https://www.scientificamerican.com/article/scientists-are-becoming-more-politically-engaged/> (Nov. 25).

Christopher Rea and Scott Frickel. 2020. “Weathering the Storm? The Trump Administration Anti-Science Disaster and COVID-19.” *SKATOLOGY: Newsletter of the ASA Section on Science, Knowledge, and Technology*, <https://asaskat.com/2020/05/22/weathering-the-storm-the-trump-administration-anti-science-disaster-covid-19/> (May 22).

Elliott, James R. and Scott Frickel. 2018. “What lies beneath: To manage toxic contamination in cities, study their industrial histories.” *The Conversation*, <https://theconversation.com/what-lies-beneath-to-manage-toxic-contamination-in-cities-study-their-industrial-histories-104897> (Dec. 20).

Scott Frickel and James R. Elliott. 2018. “The Hidden Hazards Beneath Trump’s Dismantling of the EPA”, *The American Prospect*, <https://prospect.org/article/hidden-hazards-beneath-trumps-dismantling-epa> (October 3).

Fisher, Dana R. and Scott Frickel. 2018. “Will Scientists Gear Up for Activism in the Age of Trump?” *The American Prospect*, <https://prospect.org/article/will-scientists-gear-activism-age-trump> (July 12).

Scott Frickel. 2018. “Political Scientists.” *Sociological Forum*. DOI: 10.1111/socf.12393

Scott Frickel. 2016. “Chair’s Column,” *SKATOLOGY: Newsletter of the ASA Section on Science, Knowledge, and Technology* (November).

Scott Frickel. 2016. “Chair’s Column,” *SKATOLOGY: Newsletter of the ASA Section on Science, Knowledge, and Technology* (July).

Scott Frickel. 2016. “Chair’s Column,” *SKATOLOGY: Newsletter of the ASA Section on Science, Knowledge, and Technology* (April). Contains analysis of original survey data from SKAT members on understudied topics in sociology of science, knowledge and technology.

Scott Frickel. 2015. “Chair’s Column,” *SKATOLOGY: Newsletter of the ASA Section on*

Frickel c.v.

Science, Knowledge, and Technology (November). (contains original analysis of ASA section data on “joint memberships” for 1995, 2005 and 2015).

Scott Frickel. 2013. “Knowledge politics,” Online contribution to an essay dialogue on Science and Politics for the *Mobilizing Ideas Blog*, <http://mobilizingideas.wordpress.com/2013/04/01/knowledge-politics/>, April 1.

Fortun, Kim and Scott Frickel. 2012. “Making the Case for Disaster Science and Technology Studies,” Published online for *An STS Forum on Fukushima* (<http://fukushimaforum.wordpress.com/>), March 11.

Frickel, Scott and M. Bess Vincent*. 2010. “Disaster Science: Between Calamity and Recovery,” *Items & Issues*, Social Science Research Council (Sept. 15), <http://itemsandissues.ssrc.org/disaster-science-between-calamity-and-recovery>.

Frickel, Scott. 2008. “Citation for the Robert K. Merton Book Award to Libby Schweber for *Disciplining Statistics: Vital Statistics and Demography in France and England, 1830-1885.*” *Science, Knowledge, and Technology Newsletter* (Fall).

Frickel, Scott. 2005. “Our Toxic Gumbo: Recipe for a Politics of Environmental Knowledge.” *Understanding Katrina*, Social Sciences Research Council web forum, <http://understandingkatrina.ssrc.org/Frickel/>.

Frickel, Scott. 2001. “Citation for the Robert K. Merton Book Award to Karin Knorr-Cetina for *Epistemic Cultures: How the Sciences Make Knowledge.*” *Science, Knowledge, and Technology Newsletter* (Fall).

MANUSCRIPTS UNDER REVIEW

“The Environmental State: Nature and the Politics of Environmental Protection” (second author with Christopher Rea), revise and resubmit.

“Pathways for Diversifying and Enhancing Science Advocacy” (multi-authored review essay, with Fernando Tormos-Aponte, Phil Brown, Shannon Dosemagen, Dana R. Fisher, Norah MacKendrick, David S. Meyer, and John N. Parker), revise and resubmit.

WORK IN PROGRESS

Book Manuscript

Science and Inequality: A Political Sociology (with Kelly Moore). Book manuscript under contract with Polity Press.

Selected Article Manuscripts (all currently in preparation)

“Parcel History: Stories of Late Industrialism” (sole author)

“For Computational Environmental Science and Technology Studies” (second author, with David Demortain).

“Do Disciplines Inhibit or Enhance Interdisciplinary Growth? Evidence from the Humanities and Social Sciences” (second author, with Ali Ilhan)

“Clearing the ground for environmental inequality studies: A statistical comparison of data from the EPA Toxic Release Inventory and Historical State Manufacturing Directories” (first author, with Thomas Marlow and Jonathan Tollesfon)

INVITED LECTURES, PRESENTATIONS AND SYMPOSIA

- 2022 Opening Seminar Lecture, “Toward a Political Sociology of Expert Activism.” Universidad Nacional de San Martín and CONICET, Buenos Aires, Argentina (May 16).
- 2022 Public Lecture, “On the Social Significance of Expert Activism.” Universidad Nacional de Rosario, Santa Fe, Argentina (May 11).
- 2022 Invited Talk, “Sites Unseen: How Industrial Pasts Haunt our Urban Futures” Sociology and Environmental Studies Departments, Colby College (March 10).
- 2021 Author meets critic panelist for David Demortain, *The Science of Bureaucracy: Risk Decision-making and the U.S. Environmental Protection Agency*. Society for Advancement of Socio-Economics annual conference (virtual, July 3).
- 2021 Invited talk, “Sites Unseen: Uncovering Hidden Hazards and Hidden Lessons for Sustainable Urban Futures,” Department of Sociology, University of California – Berkeley (March 1).
- 2020 Participant, International Workshop: From multidisciplinary collaborations to interdisciplinary communities. King’s College London, London, UK (Jan.16-17).
- 2019 Keynote Lecture, “Sites Unseen: Uncovering Hidden Hazards and Hidden Lessons for Sustainable Urban Futures” International Conference on Sustainability: Transdisciplinary Theory, Practice and Action. University of Toronto Mississauga (Oct. 16-19)
- 2019 Invited presentation, “Past is Present: Environmental inequality as urban-ecological process,” Thematic Session, Annual Meeting of the American Sociological Association, New York (Aug. 10-13)

- 2019 Invited Panelist, “Science and Technology Studies in an Era of Anti-Science II: Impacts on and Reflexivity in the Field.” Eastern Sociology Society Annual Meeting, Boston (March 15)
- 2019 Invited talk, “Sites Unseen: Uncovering Hidden Hazards in American Cities”, Sociology Department and Institute for Social Science Research, University of Massachusetts – Amherst (Jan 31)
- 2018 Invited author, Author Meets Critics Session for *Sites Unseen: Uncovering Hidden Hazards in American Cities*, Annual Meetings of the American Sociological Association, Philadelphia (Aug 11-14)
- 2018 Participant/Coauthor, Residues Project Working Group, Max Plank Institute, Berlin, Germany (July 4-6)
- 2018 Invited presentation, “Selling the City: Activist Professionals and the Transformation of Community Development.” *Science & Dissent: Rethinking Citizens, Expertise, and Social Change Workshop*, University of Geneva, Geneva, Switzerland (1-2 June)
- 2018 Invited Panelist, “What is contaminated soil?”, NSF Workshop *Identifying Gaps, Building Bridges*, Drexel University, Philadelphia (May 10-11)
- 2018 Invited presentation, “Climate Control: Nature as Urban Process,” Eastern Sociological Society Annual Meeting, Baltimore (Feb 23)
- 2017 Participant/Coauthor, Residues Project Working Group, Princeton University (January 26-27)
- 2017 Invited lecture, “Urbanization’s Changing Nature: Industrial Hazards, Systemic Risk and the Remaking of American Cities” (with James R. Elliott), Russell Sage Foundation, New York (January 19)
- 2016 Invited lecture, “Ignorance as Architecture: Institutional Power and Epistemic Inequality in Toxics Governance” *Workshop on Ignorance, Science and Democracy*, Ecole Normale Supérieure, Paris, France, December 1-2.
- 2016 Invited lecture, “Three Scientists Walk in to a Barricade...:Expert Mobilization in Two Boston-Area Social Movements” *STS Circle*, Harvard University (October 24)
- 2016 Invited lecture, “Experts in Social Movements: Who they are, where they come from, why they matter,” *Environment and Expertise Workshop*, University of Warwick, UK (May 19-20)

- 2016 Invited lecture, “What can Studying Disciplines Tell us about Interdisciplinarity? Some Evidence from the Social Sciences”, King’s College London, UK (May 18)
- 2016 “The Hazardous Legacies Project: Toward a Comparative Environmental Sociology of Cities” (with Jim Elliott)
- Princeton University, Program in Science, Technology and Environmental Policy Seminar Series (February 22)
 - Rutgers University, Department of Sociology (February 10)
- 2016 “Sustainability Transition in a Contentious Socio-technical Field: Smart Metering in Washington State” (with Daniella Wühr, Christine Horne, and Anurag Shrivastava), Trager Symposium, The Post-Carbon World: Advances in Legal and Social Theory, Brooklyn Law School (February 19)
- 2015 Discussant for “Author Meets Critics” session to honor Prof. Gwen Ottinger, author of *Refining Expertise*, Annual Meetings of the Society for Social Studies of Science, Denver, CO (November 11-14)
- 2015 Discussant, President’s Thematic Session on “The Politics of Knowledge: Technoscientific Dimensions of Political Life,” American Sociological Association, Chicago (August 22-25)
- 2015 “Spatial Analysis of a Regulatory Knowledge Gap” (with Elizabeth Fussell), Les études sur l’ignorance en santé-environnement: état de l’art et perspectives, IRISSE - CNRS, Université Paris-Dauphine (June 25)
- 2015 “The Hazardous Legacies Project: Toward a Comparative Environmental Sociology of Cities” (with Jim Elliott), IRISSE - CNRS, Université Paris-Dauphine, Séminaire en Risques Industriels, Ignorance et Territoires (June 24)
- 2015 “The Hazardous Legacies Project” (with Jim Elliott), Brown University Superfund Research Program Seminar Series (March 6)
- 2015 Panelist, “Disasters Fast and Slow: Disaster Research Across the Disciplines” Annual Meetings of the American History Association, New York, (January 2)
- 2014 “Organization of Expert Activism: Shadow Mobilization in Two Social Movements.” Invited talk, Social Science Environmental Health Research Institute, Northeastern University, Boston (November 4)
- 2014 “Organization of Expert Activism: Shadow Mobilization in Two Social Movements.” Invited conference talk, “The Independence of Experts in Question: Toward a Political Sociology of Health Expertise,” Maison Interuniversitaire des Sciences de l’Homme - Alsace, Strasbourg, France (May

14-16)

- 2014 “Opportunities and Challenges for Disaster STS.” Invited Lecture, Centre Alexandre Koyré, Histoire des Sciences et des Techniques, Paris, France (May13)
- 2014 “Organization of Expert Activism: Shadow Mobilization in Two Social Movements.” Invited lecture, Institut Francilien Recherche Innovation Sociétié (IFRIS)Paris, France (May 12)
- 2014 “Chronicities of Disaster.” Invited talk, 50th Anniversary Workshop and Celebration, Disaster Research Center, University of Delaware, Newark, DE (April 30-May 3)
- 2014 “What Can Disaster STS Be? Insights from the Anthropocene Debates.” Disaster-STs Workshop, Department of History and Politics, Drexel University, Philadelphia, PA (April 29)
- 2013 “What Kind of Disaster STS Should We Seek to Build?” Plenary address, “An STS Forum on Fukushima,” University of California – Berkeley, Berkeley, CA (May 12-14)
- 2013 “Socio-environmental Successions: How Cities and Scientific Fields Respond to Environmental Change”
- Sociology Department, University of Colorado – Boulder, Boulder, CO (February 18)
 - Earth and Environment Department, Boston University, Boston, MA (March 25)
 - Sociology Department, Brown University, Providence, RI (October 28)
- 2013 “Do Disasters Change Scientific Fields? Wetlands Ecology Before and After Katrina” Vanderbilt Institute for Energy and the Environment, Vanderbilt University, Nashville, TN (January 18)
- 2013 “Disaster STS in the Gulf of Mexico” Invited symposium talk, “No Regrets Resilience Along the Gulf Coast,” Disasters and the Environment: Science, Preparedness and Resilience, 13th National Conference on Science, Policy and the Environment. Washington, D.C. (January 15-17)
- 2012 “Untangling Ignorance in Environmental Risk Assessment”
- Hennebach Visiting Scholars Program Lecture Series, Colorado School of Mines, Golden, CO (April 11)
 - “How Scientists Think” Lecture Series, Science and Technology Studies Program, Brown University, Providence, RI (February 23).

- 2012 • History and Politics Department, Drexel University, Philadelphia, PA (January 26)
- 2011 • Holtz Center for Science and Technology Studies Lecture Series, University of Wisconsin – Madison (December 1)
- 2010 • 21st Annual Nicholas Mullins Lecture, Dept. of Science & Technology in Society, Virginia Tech (April 9)
- 2010 • International Conference on “Carcinogens, Mutagens, and Reproductive Toxicants: the Politics of Limit Values and Low Doses in the Twentieth and Twenty-First Centuries.” Université de Strasbourg – IRIST, Strasbourg France (March 29-31)
- 2011 “Disaster Science in the Gulf of Mexico” President’s Thematic Session on the Politics of Technology, American Sociological Association Meetings, Las Vegas (August 20-23)
- 2009 “Public Sociology After Katrina.” American Sociological Association Meetings, San Francisco, CA (August 8-11)
- 2009 “Mapping Environmental Knowledge Gaps in Post-Katrina New Orleans: A Study of the Social Production of Ignorance.” Sociology Department, University of British Columbia (Jan. 17)
- 2008 Panelist, National Science Foundation Workshop: Science, Technology & Sustainability: Building a Research Agenda, Arlington, VA (Sept. 8-9)
- 2007 “Projects and disaster in post-diluvian New Orleans,” Workshop on “Projectification, Governance and Sustainability: EU and US Comparisons,” Cornell University, Ithaca (October 21-23)
- 2007 “Shadow mobilizations for environmental health justice,” Social Movements and Health Institutions Conference, University of Michigan, Ann Arbor (October 5-7)
- 2007 “The EPA and the post-Katrina environmental assessment process,” Faculty Diversity and Environmental Justice Research Symposium, School of Natural Resources and Environment, University of Michigan, Ann Arbor (June 7-9)
- 2007 Invited discussant, 2007 Gordon Cain Conference: New Chemical Bodies: Bio-Monitoring, Body Burden and The Uncertain Threat of Endocrine Disrupters, Chemical Heritage Foundation, Philadelphia, PA (March 22-23)

- 2007 “Lost knowledge and knowledge gaps in post-Katrina New Orleans,” Toxic Bodies: An Interdisciplinary Roundtable, American Society for Environmental History, Baton Rouge, LA (Feb.28-Mar. 2)
- 2006 “Science Policy for Resilient Urban Ecosystems,” National Science Foundation Workshop on the Social Organization of Science and Science Policy. Arlington, VA (July 13-14)
- 2006 “Katrina, contamination, and the organization of ignorance,” National Science Foundation Workshop on Cities and Rivers II: New Orleans, the Mississippi Delta, and Katrina. New Orleans (March 22-24)
- 2005 “Scientific authority and expert activism in environmental health and justice movements,” History and Sociology of Science Department, University of Pennsylvania, Philadelphia (November 28)
- 2004 “When convention becomes contentious: Organizing scientist activism in genetic toxicology,” Department of Natural Resources, Cornell University, Ithaca, NY (March 8)
- 2001 “The social and political origins of the Environmental Mutagen Society,” Annual Meeting of the Environmental Mutagen Society, San Diego

CONFERENCE PRESENTATIONS

- 2022 Presentation, “When Environmental Inequality Racialized: Evidence from a Historical Case Study.” American Sociological Association Annual Meetings, Los Angeles (Aug 5-9)
- 2018 Discussant, Author-Meets-Critics: Kathrin Zippel's *Women in Global Science: Advancing Careers through International Collaboration*. Eastern Sociological Society Annual Meeting, Baltimore (Feb 24)
- 2017 Presentation (with Aaron Niznik, Apollonya Porcelli, and Amy Teller) “Expert-Movement Interpenetration: Evidence from Two Boston-Area Social Movements” Social Studies of Science Annual Meeting, Barcelona (Aug 30-Sept 2)
- 2017 Panel Discussant, “Beyond the new collaborative creed in health: culture and identities in healthcare practice and research” American Sociological Association Annual Meetings, Montréal (Aug 12-15)
- 2017 Presentation, “Values in environmental research: Beyond a scientized politics and politicized science.” American Association of Geographers Annual Meeting, Boston (April 6)

- 2016 Poster (with Tom Marlow*), “Hazardous Conditions: Industrial growth and environmental inequality in Rhode Island, 1954-2012,” NIEHS Superfund Research Program Annual Meeting, Research Triangle Park, NC (Dec. 4-5).
- 2016 Poster (with Michael Murphy and Tom Marlow*), “Uncovering Historical Environmental Health Threats in the Mashapaug Pond Watershed,” NIEHS Superfund Research Program Annual Meeting, Research Triangle Park, NC (Dec. 4-5).
- 2016 “Experts in Social Movements: Who they are, where they come from, why they matter,” Annual Meeting of the Society for Social Studies of Science, Barcelona, Spain (August 31-September 3) (Amy Teller* and Aaron Niznik* presented)
- 2015 Poster (with Michael W. Murphy), “Uncovering Hidden Environmental Health Threats with Historical Data at Mashapaug Pond”, NIEHS Superfund Research Program Annual Meeting, San Juan, Puerto Rico (November 18-20)
- 2015 Presenter, “Sustainability Transition in a Contentious Socio-technical Field: Smart Metering in Washington State” (with Daniella Wühr, Christine Horne, and Anurag Shrivastava), Annual Meetings of the Society for Social Studies of Science, Denver, CO (November 11-14)
- 2015 Discussant, Panel session on “The Substance of Absence: How Missing Things Matter,” Annual Meetings of the Society for Social Studies of Science, Denver, CO (November 11-14)
- 2015 Presenter, “Spatial Analysis of a Regulatory Knowledge Gap” (with Elizabeth Fussell) SKAT25 Conference, Chicago (August 21)
- 2014 Co-Presenter, “Shadow Mobilization in Two Social Movements,” American Sociological Association Meetings, San Francisco (August 16-19)
- 2013 Presenter, “Shadow Mobilization in Two Social Movements,” Annual meetings of the Society for Social Studies of Science, San Diego (October 9-12)
- 2013 Presenter, “How Do Exogenous Shocks Change Scientific Fields?” American Sociological Association Meetings, New York City (August 9-13)
- 2012 Co-Presenter, “Disciplinary and Interdisciplinary Change in the Social Sciences: A Longitudinal Comparison,” American Sociological Association Meetings, Denver, CO (August 17-20)
- 2012 Presenter. “What Difference Does Change Make? Regulatory Knowledge After

- 9/11 and Katrina”. Political Sociology of Science Workshop on “Neoliberal State, Science and Technology”, Madison, WI (June 1-2).
- 2011 Presenter. “Disaster Science.” Conference on the Political Sociology of Science and Technology, Rensselaer Polytechnic Institute (April 29-May 1)
- 2009 Co-Presenter, “Uncovering Environmental Consequences of Urban Change: The Production and Conversion of Relict Waste Sites in Portland and New Orleans” American Sociological Association Meetings, San Francisco, CA (August 8-11)
- 2008 Co-Presenter, “Tracking Industrial Land Use Conversions: A New Approach for Studying Relict Waste and Urban Development,” American Sociological Association meetings, Boston, MA (August 1-4)
- 2008 Co-Presenter, “Environmental sociology on the ground in post-Katrina New Orleans,” Pacific Sociological Association meetings, Portland, Oregon (April 10-13, with Chris Lane)
- 2007 Co-Presenter, “Social production of knowledge gaps: Organizing ignorance in post-Katrina New Orleans,” American Sociological Association, New York City (August 11-14, with Richard Campanella and M. Bess Vincent)
- 2007 Co-Presenter, “Hurricane Katrina and the hidden legacy of New Orleans’ industrial development, 1955-2005,” American Society for Environmental History meetings, Baton Rouge, LA (Feb. 28-Mar. 2, with James R. Elliott)
- 2003 Presenter, “Organizing scientist environmental justice activism,” Society for Social Studies of Science meetings, Atlanta (October 15-18)
- 2003 Presenter, “Building environmental states,” American Sociological Association Meetings, Atlanta (August 16-19)
- 2002 Presenter, “Scientific Organizations as Environmental Actors: Knowledge, Politics, and Synergy,” American Sociological Association Meetings, Chicago, and at the Fourth Triple Helix Conference, Copenhagen, Denmark and Lund, Sweden (November 6-8)
- 2001 Presenter, “Boundary-Work on the Nature/Society Divide: Fusing Science and Politics in Genetic Toxicology,” American Sociological Association Meetings, Anaheim, CA (August)
- 2001 Presenter, “Framing scientist activism: ‘Chemical risk to future generations’ and the rise of genetic toxicology,” American Sociological Association Meetings, Washington D.C. (August)

- 1999 Presenter, “Scientist Activism, Mobilization Structures, and the Rise of Genetic Toxicology,” 1999 Atlantic Seminar in History of Biology, University of Pennsylvania, Philadelphia
- 1998 Presenter, “The Right Metaphor for the Job?: A Preliminary Assessment of the ‘Bandwagon’ Theory of Cancer Genetics,” American Sociological Association Meetings, San Francisco (August)
- 1996 Presenter, “Understanding Environmentalism: Toward a Science-Centered Approach,” Annual Meetings of the American Sociological Association Meetings, New York City (August)
- 1995 Presenter, “Why the Sociologies of Science and Social Movements Need One Another,” American Sociological Association Meetings, Washington D.C. (August)
- 1995 Co-Presenter, “Getting Out the Lead...and the Zinc: A Comparative History of Extractive Development,” Rural Sociological Society Meetings, Pentagon City, Virginia (August, with William R. Freudenburg).
- 1995 Presenter, “The Science of State-Making and the Politics of Geology in Nineteenth-Century Wisconsin,” Rural Sociological Society Meetings, Pentagon City, Virginia (August)
- 1995 Presenter, “Listserves, Boundary Work, and Scientist Activism,” Midwest Sociological Society Meetings, Chicago (March)
- 1995 Presenter, “Submarine Thermal Reactor Mark-I: Engineering Heterogeneous Accounts of Technoscientific Practice,” Midwest Sociological Society Meetings, Chicago (March)
- 1994 Co-Presenter, “Extractive Economies: A Comparative Historical Approach,” Midwest Sociological Society Meetings, St. Louis (March, with William R. Freudenburg)
- 1994 Co-Presenter, “Mining the Middle Ground: Extractive Economies in Comparative Historical Perspective,” Rural Sociological Society Meetings, Portland Oregon (August, with William R. Freudenburg).
- 1993 Co-Presenter, “Digging Deeper: Mining-Dependent Regions in Historical Perspective,” Rural Sociological Society Meetings, Orlando (August, with William R. Freudenburg)

COURSES TAUGHT

Brown University

- 2014 SOC 1870N: Environmental Sociology
- 2015 ENV5 0495: Introduction to Environmental Social Sciences
SOC 1010: Classical Sociological Theory
- 2016 ENV5 0495: Introduction to Environmental Social Sciences
SOC 1010: Classical Sociological Theory
- 2017 ENV5 0495: Introduction to Environmental Social Sciences
ENV5 1927: Nature, Society and Culture
- 2018 ENV5 0495: Introduction to Environmental Social Sciences
SOC 2385: Environmental Sociology
- 2019 ENV5 1971: Independent Study
SOC 0250: Environmental Sociology for a Rapidly Warming World
- 2020 ENV5 1926: Wasted: Rethinking Chemical Environments
- 2021 ENV5 1247: Clearing the Air: Environmental Studies of Pollution (co-taught with Meredith Hastings)

Washington State University

- 2007-2014 Sociology 310: Development of Sociological Theory
Sociology 333: Science, Power, and Human Values
Sociology 430: Society and Technology
Sociology 517: Contemporary Sociological Theory (graduate seminar)
Sociology 532: Environmental Sociology (graduate seminar)
Sociology 536: Environmental Social Theory (graduate seminar)
Sociology 591: The Sociology Profession (1 credit graduate pro-seminar)

Tulane University

- 2001-2007 Sociology 160: Environmental Sociology
Sociology 303: Introduction to Research Design
Sociology 613: Sociology of Science
Sociology 656: Social Movements and Collective Action

SERVICE (Brown University)

University

- UTRA grant review committee 2018
- IBES Director Search Committee 2019
- ACURM, 2020-2023

Department of Sociology

- Review committee for Carrie Spearin 2019
- Search Committee Chair, Social Inequality 2017
- Director of Graduate Studies 2017-2020
- Diversity Committee 2017-2019
- Director of Undergraduate Studies 2016-17
- Executive Committee 2016-2020

Preliminary Examination Committee, Environmental Sociology 2015-2020
Preliminary Examination Committee, Cultural Sociology 2017, 2020
Target of Opportunity Committee 2015-2016
Target of Opportunity Committee, Urban Sociology (Sociology, Chair) 2016
Graduate Student Admissions Committee 2015
Third Year Review Committee for Josh Pacewicz 2015

Institute at Brown for Environment and Society

Director of Graduate Studies 2020-
Executive Committee 2020-
Anthropology Climate Change Search Committee 2018
Voss Postdoctoral Fellowship Review Committee 2017
Mentoring Committee for Bathsheba Demuth 2017-
Mentoring Committee for Brian Lander 2017-2019
Director of Graduate Studies 2016
Leadership Committee 2016-17
Goodman Chair Search Committee 2016
Diversity and Inclusion Committee 2015-2017
Graduate Student Small Grants Committee 2015-2017, 2019
Environmental History Junior Search Committee 2016
Environmental Economics Junior Search Committee 2015

Superfund Research Program

Internal Advisory Committee 2015-
CEC Postdoctoral Fellow Search Committee (Chair) 2015 & 2016

Advising

Postdoctoral Fellows: Daniella Wühr (WSU, 2013), Meghan Kallman (2016), Christina Ergas (2016-2017), Clara Sears (2017-2019), Chris Rea (2018), Florencia Arancibia (2018-2020)

Ph.D. Committee: Jonathan Tollefson (Chair), Jon Nelson (Member, 2021), Aaron Niznik (Member, 2021), Thomas Marlow (Chair, 2020), Apollonya Porcelli (Chair, 2020), Amy Teller (Member, 2019), Michael Murphy (Co-Chair, 2018), Meghan Kallman (Reader, 2016), David Ciplet (Reader, 2014).

M.A. Committee: Thomas Marlow (Chair, 2017), Zach Wilmot (2015; Reader), Dan Kitson (2022, Chair)

Undergraduate Honor's Thesis advisor: Jonathan Tollofson (SOC; 2015; Chair); Trevor Culhane (ENVS; 2015; Reader); Emily Wright (SCSOC; 2016; Reader); Celine Schmidt (SCSOC; 2017; Chair)

Undergraduate Capstone/Independent Study (ENVS): Caleb Chafee (2017); Peter Wooley (2017); Erica Alonso (2019)

Undergraduate advisees (ENVS): David Tobe, Caleb Chafee, Isabella DuMond, Peter Woolley, Jacob Douglas, Jonathan Gewirtzman, Isha Chawla, Elise Dadourian, Caroline Jones, Emma Matarasso, Caroline Ziegler, Kaitlyn Cook, Andrew Javens, Madison Cranford, Ariele Ladabaum

SERVICE (Washington State University)

University

2013-14 Faculty Senate (elected)
Faculty Senate Graduate Studies Committee

Department

2013-14 Executive Advisory Committee
Graduate Studies Committee
Chair, Junior Faculty Search Committee (Environmental Sociology)
2011-12 Chair, Undergraduate Studies Committee
Chair, Executive Advisory Committee
2008-2011 Co-Director, Graduate Studies Committee
2007-2008 Graduate Studies Committee

Advising

Ph.D. Advisor: Ali Ilhan (2013), Sarah Blake (2015), Joseph Astorino (2015), Bekah Torcasso (DNF)

M.A. Advisor: Charise DeBerry (2009), Zachery Oakland (2009), Annika White (2010), Erin Bielstein-Wedel (2012), Rebekah Torcasso (2012)

College

2010- 2011 Graduate Studies Ad Hoc Committee
2008-2009 Graduate Education and Research Committee.

SERVICE (Tulane University)

Department

2005-2007 Undergraduate Studies Committee
2001-2005 Graduate Studies Committee
2003-2004 Chair, Research Colloquium Committee

Advising

M.A. Advisor: Sarah Kaufman (2003)

University

2006-2007 Executive Committee, Tulane University Center for Public Service
2006-2007 Subcommittee on Social Policy and Practice, Partnership for the Transformation of Urban Communities
2005-2006 Student Academic Judiciary Committee
2004 Search Committee, Aaron Fellowship in Environmental Studies

- 2003-2004 Tulane College Honor Board
- 2003-2007 Environmental Education Committee
- 2003-2004 Tulane Service Learning Advisory Committee
- 2002 Nominated for Faculty Committee on Tulane College

Community

- 2006 Member, Health and Social Services Subcommittee, Bring New Orleans Back Commission

SERVICE TO THE DISCIPLINE

Manuscript reviewer (1994-present):

Administrative Sciences Quarterly; American Journal of Sociology; American Sociological Review; Antipode; Contexts; Economy and Society; Engineering Studies; Environmental Health Perspectives; Environmental Justice; Environmental Policy and Governance; Environmental Sociology; Human Organization; Journal of Health and Social Behavior; Organization & Environment; Organization Studies; Mobilization; Nature and Culture; Population and Environment; PLoS Biology; Prometheus; Rural Sociology; Science as Culture; Science and Technology Yearbook; Science and Public Policy; Science, Technology & Human Values; Social Forces; Social Movement Studies; Social Politics; Social Problems; Social Science and Medicine; Social Science Research; Social Studies of Science; Society and Natural Resources; Sociological Forum; Sociological Inquiry; Sociological Perspectives; Techné; Theory and Society; The Sociological Quarterly

- 2004- Off-site reviewer, National Science Foundation, SBE
- 2021 Co-chair, Robert E. Park Book Award Committee, Community and Urban Sociology Section, American Sociological Association.
- 2016 Expert Panel Review, National Science Foundation, Interdisciplinary Behavioral and Social Science Research, Arlington, VA (March 3-4).
- 2016 Organizer, President's Thematic Session on "Science, Movements and Social Inequality," Annual meetings of the American Sociological Association, Seattle (August 20-23)
- 2015 Moderator, Plenary 2: Looking Outward and Inward, SKAT25 Conference, Chicago (August 21)
- 2015 Mentoring Committee Chair, SKAT Section, American Sociological Association
- 2014 Organizer for Roundtable Sessions, SKAT Section, American Sociological Association meetings, San Francisco

- 2013 Chair-elect (two-year term), SKAT Section, American Sociological Association
- 2013 Co-Organizer (with Kim Fortun), Roundtable on “Disaster Science and Technology Studies (DSTS), Annual meetings of the Society for Social Studies of Science, San Diego (October 9-12)
- 2013 Co-Organizer (with Kim Fortun), Workshop on “Disaster Science and Technology Studies (DSTS): Advancing an Emerging Subfield.” National Science Foundation, Arlington, VA (Sept. 19-20)
- 2012 Co-Organizer (with Mathieu Albert), “Utopian Knowledge? Toward Critical Studies of Interdisciplinarity” SKAT Section Session, American Sociological Association meetings, Denver
- 2011 Program Reviewer, New York State Education Department, STS Sustainability Studies” Rensselaer Polytechnic Institute (January 24)
- 2011 Organizer for Sociology of Science Regular Sessions, American Sociological Association meetings, Las Vegas
- 2010-12 Council Member (elected), ASA Section on Environment & Technology
- 2007-09 Council Member (elected), ASA Section on Science, Knowledge & Technology
- 2009 Chair, Nominations Committee, ASA Section on Science, Knowledge & Technology
- 2008 Chair, Robert K. Merton Book Award Committee, ASA Section on Science, Knowledge & Technology
- 2007 Organizer, “Knowledge Gaps and STS.” Panel session at Society for Social Studies of Science meetings, Montreal
- 2007 Organizer, “The Social Production of Knowledge Gaps.” Invited Session, American Sociological Association meetings, New York City
- 2007 Co-Organizer, “Rivers, Cities, and the Politics of Lost Knowledge.” Panel Session, American Society of Environmental History, Baton Rouge
- 2007 Robert Boguslaw Award Committee, ASA Section on Environment and Technology
- 2007 Hacker-Mullins Award Committee, ASA Section on Science, Knowledge and

Technology

- 2006 Co-Organizer, “What’s to be done with undone science? I and II.” Panel Sessions, Society for Social Studies of Science meetings, Vancouver
- 2006 Co-Organizer, “Discipline and Hybridity.” President’s thematic session, American Sociological Association meetings, Montreal
- 2006 Discussant, “Cultural Movements.” President’s Thematic Session, American Sociological Association meetings, Montreal
- 2004 Co-Organizer, “Institutional politics of science.” Open panel session at the American Sociological Association meetings, San Francisco
- 2003 Member, Article and Book Award Committee, ASA Section on Environment and Technology
- 2003 Co-Organizer, “The new political sociology of science.” Panel session at the Society for Social Studies of Science meetings, October 15-18, Atlanta, Georgia
- 2002 Member, Committee on Membership and Recruitment, ASA Section on Environment and Technology
- 2002 Organizer, “Expertise and Governance.” Science, Knowledge, and Technology Section Regular Session, American Sociological Association Meetings, Chicago, Illinois
- 2002 Conference Track Co-Organizer, “Professions, Accountability, and Knowledge Society.” Thematic discussion track at the Fourth Triple Helix Conference on *Breaking Boundaries, Building Bridges*. Copenhagen, Denmark and Lund, Sweden (November 6-8)
- 2001 Member, Book Award Committee, ASA Section on Science, Knowledge and Technology
- 2000 Publications Committee, ASA Section on Environment and Technology
- 1994 Discussant, “The Sociology of Agriculture Science.” Regular panel session, Rural Sociological Society Meetings, Portland, Oregon

PROFESSIONAL MEMBERSHIPS

American Sociological Association (since 1994; member of ASA Sections on Science, Knowledge & Technology and Environment & Technology)
Society for Social Studies of Science (since 1995)

Pacific Sociological Association (since 2007)
Southern Sociological Society (2005-2007)
Midwest Sociological Society (1994-1999)
Rural Sociological Society (1993-1998)