

SCOTT FRICKEL
Curriculum Vita

May 2014

Associate Professor

Department of Sociology
Maxcy Hall
Brown University
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Providence, RI 02912

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HOME ADDRESS

75 Vassar Street
Providence, RI 02906

AREAS OF RESEARCH AND TEACHING SPECIALIZATION

Environment, Disasters, Risk	Science, Technology, Knowledge
Environmental Justice	Social Movements
Social Theory	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

Associate Professor, Department of Sociology, Brown University, 2014-

Boeing Distinguished Professor of Environmental Sociology, WSU, 2013-

Chair-Elect, Science, Knowledge and Technology Section (ASA), 2013-14

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 Editor, “Nature, Society and Culture” book series, Rutgers University Press, 2013-

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

HONORS AND AWARDS

2012 Star-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 (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

WSU Energy Systems Innovation Center 2014 Seed Grant (Co-PI with Christine Horne and Anurag Srivastava), “Implementing Smart Meter Applications in Washington State: Institutional Analysis of an Emerging Technological Field” (1 year, \$9,200 requested for research assistance and travel to conduct 20 key informant interviews), under review.

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

WORKSHOP

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 (* denotes graduate student co-author)

Book

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

Edited Works

Scott Frickel and David J. Hess, guest editors. 2014. *Fields of Knowledge: Science, Politics, and Publics in the Neoliberal Age*. Thematic issue of *Political Power and Social Theory* (consisting of eight research articles and a substantive introduction by the editors). London: Emerald Press.

Frickel, Scott 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

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

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 (in press).

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

2014. Review of *In Defense of Disciplines: Interdisciplinarity and Specialization in the Research University*, Jerry A. Jacobs (Chicago: University of Chicago Press, 2013). *Contemporary Sociology*, in press.

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* 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* 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

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

Scott Frickel and Ali O. Ilhan.* "Disciplinary and Interdisciplinary Change in the Social Sciences: A Longitudinal Comparison"

James R. Elliott and Scott Frickel. "Urbanization as Socio-environmental Succession: The Case of Hazardous Industrial Site Accumulation"

Christine Horne, Brice Darras,* Anurag Srivastava, and Scott Frickel. "Privacy Norms and the Smart Grid: Results from Two Experiments"

Scott Frickel and Abby Kinchy, "Lost in Space: Geographies of Ignorance in Science and Technology Studies"

Mark Wilson, Scott Frickel, Daniel Nguyen, Tap Bui, Stephen Echsner, Bridget R. Simon, Jessi Howard*, Kent Miller and Jeffry K. Wickliffe. "A Targeted Health Risk Assessment in Heavy Shrimp Consumers Following the Deep Water Horizon Oil Spill"

Scott Frickel, Rebekah Torcasso,* and Annika Anderson,* "The Organization of Expert Activism: Shadow Mobilization in Two Social Movements"

PROPOSAL UNDER REVIEW

Scott Frickel, Mathieu Albert and Barbara Prainsack, co-editors. Book proposal for *Critical Perspectives on Interdisciplinary Research*. Introduction and 9 original research articles.

WORK IN PROGRESS

Book Manuscripts

Urbanization's Changing Nature: Industrial Hazards, Systemic Risk and the Remaking of American Cities (first author, with James R. Elliott). Manuscript is under advance contract with Russell Sage Foundation for the ASA Rose Series in Sociology.

This book is the first environmental sociological study published in the Rose Series in Sociology. It represents the culmination of a 5-year, multi-site research project funded by the National Science Foundation to examine unprecedented changes wrought by ongoing contamination of urban lands by industrial hazardous wastes. We develop a theory of “socio-ecological succession” to argue that cities – central subjects of classical sociological analysis – are fundamentally outcomes of socio-environmental changes that unfold recursively over time on the same local lands. Data for the analysis include detailed site-, tract-, and city-level information gathered for more than 11,000 hazardous industrial sites in four U.S. cities over the past half-century (1955 to 2008). Results show how three local processes – industrial churning, residential churning, and risk containment – intersect in undramatic but cumulatively significant ways to influence urban growth machines, environmental inequality and systemic risk.

Ground Truth: Making Knowledge/Ignorance in Post-Katrina New Orleans

The book will develop a sociological framework that theorizes ignorance as a product of the institutional arrangements that emerge in the context of disaster to order scientific and regulatory practice. Data for this study is drawn from over thirty in-depth interviews (all fully transcribed); dozens of pages of observational field notes; content analysis data for over two hundred newspaper accounts of storm-related environmental risks; preliminary socio-spatial analysis of EPA sampling sites and test data; detailed timelines of government agency activities during the year following the hurricanes; and hundreds of EPA and Louisiana DEQ documents generated during the hurricane response.

Selected Article Manuscripts (all currently in preparation)

“Do Disasters Change Scientific Fields? Wetlands Ecology Before and After Katrina” (with Thomas Rotolo)

“What Difference Does Change Make? Regulatory Science after 9/11 and Katrina” (with Joseph Astorino*)

INVITED LECTURES, PRESENTATIONS AND SYMPOSIA

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 “Temporalities 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)

- 2012 • “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

- 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

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

University (Washington State 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), Zachary Oakland, Sarah Blake, Joseph Astorino, Bekah Torcasso, Erin Beilstein-Wedel

M.A. Advisor: Sarah Kaufman (Tulane, 2003), 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.

Department (Tulane University)

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

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

Discipline

Manuscript reviewer (1994-present):

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

- 2004- Off-site reviewer, National Science Foundation, SBE
- 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

Frickel c.v.

- 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)