

SCOTT FRICKEL

Assistant Professor of Sociology
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EDUCATION

- 2000 Ph.D. University of Wisconsin-Madison, Sociology (December).
Dissertation: *Disciplining Environmentalism: Opportunity Structures, Scientist-Activism, and the Rise of Genetic Toxicology, 1941-1976*
Committee: Charles Camic (Chair), Frederick Buttel, Pamela Oliver, Warren Hagstrom, Lynn Nyhart (History of Science)
- 1992 M.S. University of Wisconsin-Madison, Sociology.
- 1988 B.A. University of Colorado-Boulder, Sociology and Political Science

TEACHING EXPERIENCE

- 2001-present *Assistant Professor*. Department of Sociology, Tulane University.
2001 *Visiting Lecturer*. Department of Sociology, Bryn Mawr College.
1999-2001 *Visiting Lecturer*. Department of History and Sociology of Science, Department of Sociology, and Environmental Studies Program, University of Pennsylvania.
1997 *Lecturer*. Department of Sociology, University of Wisconsin-Madison.

MANUSCRIPTS IN PROCESS

- “Scientific Authority and Expert Activism in Environmental Health and Justice Movements”
“Sociology in the *New York Times*: 1955-2005” (with Neil Gross and Solon Simmons)
“Scientific/Intellectual Movements: A Further Specification” (with Neil Gross)
“The Social Production of Knowledge Gaps” (with M. Bess Vincent)
“Katrina’s Contamination: Media Discourses on Unconventional Risk” (with M. Bess Vincent)
“Science Policy for Resilient Urban Ecosystems” (with Douglass Meffert)

PUBLICATIONS

1. Peer-Reviewed Book and Edited Volume

- 2006 *The New Political Sociology of Science: Institutions, Networks, and Power* (co-edited with Kelly Moore). Madison: University of Wisconsin Press.

- 2004 *Chemical Consequences: Environmental Mutagens, Scientist Activism, and the Rise of Genetic Toxicology*. New Brunswick: Rutgers University Press.
- Robert J. Merton Publication Award for best book published in science and technology studies, American Sociological Association section on Science, Knowledge, and Technology (2006)
 - Honorable Mention for Outstanding Publication Award, American Sociological Association Section on Environment and Technology (2005)

2. Peer-Reviewed Articles

- Forthcoming “Katrina, Contamination, and the Unintended Organization of Ignorance,” with M. Bess Vincent, *Technology in Society*.
- 2005 “A General Theory of Scientific/Intellectual Movements,” with Neil Gross. *American Sociological Review*, 70:204-232.
- 2004 “Understanding Environmental Governance: A Critical Review,” with Debra Davidson. *Organization and Environment*, 13(4):471-492.
- 2004 “Just Science?: Organizing Scientist Activism is the U.S. Environmental Justice Movement.” *Science as Culture*, 13(4):449-469.
- 2004 “Building an Interdiscipline: Collective Action Framing and the Rise of Genetic Toxicology.” *Social Problems* 51(2):269-287.
- 2004 “Scientist activism in environmental justice conflicts: An argument for synergy,” *Society and Natural Resources* 17:1-8.
- 2004 “Building Environmental States: Legitimacy and Rationalization in Sustainability Governance,” with Debra Davidson. *International Sociology* 19(1):89-110.
- 2001 “The Environmental Mutagen Society and the Emergence of Genetic Toxicology: A Sociological Perspective.” *Mutation Research* 7647: 1-8.
- 1998 “Diversity and Diversion: *Higher Superstition* and the Dangers of Insularity in Science and Technology Studies,” with William R. Freudenburg and Rachel Dwyer. *International Journal of Sociology and Social Policy* 18(5/6): 3-32.
- 1996 “Engineering Heterogeneous Accounts: The Case of Submarine Thermal Reactor Mark-I,” *Science, Technology & Human Values*, 21(1):28-53.
- 1996 “Mining the Past: Historical Context and the Changing Implications of Natural Resource Development,” with William R. Freudenburg. *Social Problems*, 43(4):601-623.
- 1995 “Beyond the Nature/ Society Divide: Learning to Think About a Mountain,” with William R. Freudenburg and Robert Gramling. *Sociological Forum* 10(3):361-92.

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

3. Book Chapters

- 2006 "Challenges and Prospects for a New Political Sociology of Science." Pp. 3-31 in *The New Political Sociology of Science: Institutions, Networks, and Power* (with Kelly Moore), Scott Frickel and Kelly Moore, editors. Madison: University of Wisconsin Press.
- 2006 "When Convention Becomes Contentious: Organizing Scientist Activism in Genetic Toxicology." Pp.185-214 in *The New Political Sociology of Science: Institutions, Networks, and Power*, Scott Frickel and Kelly Moore, editors. Madison: University of Wisconsin Press.

4. Book Reviews

- 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.

5. Reprints

- 2005 "Beyond the Nature/Society Divide: Learning to Think About a Mountain," with William R. Freudenburg and Robert Gramling. Reprinted in D. Inglis, ed., *Nature: Critical Concepts in the Social Sciences*. London: Routledge.
- 2002 "Digging Deeper: Mining-Dependent Regions in Historical Perspective," with William R. Freudenburg. Reprinted in C. Humphrey, T. Lewis, and F. Buttel, eds., *Environment, Energy, and Society: Exemplary Works*. Belmont, CA: Wadsworth Thompson Learning, 39-54.

6. Other

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

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

COURSES TAUGHT AT TULANE

- 2006 Sociology 303: Introduction to Research Design, Spring, Summer, Fall
Sociology 613: Sociology of Science, Spring
Sociology 160: Environmental Sociology, Summer
Sociology 656: Social Movements and Collective Action, Fall
- 2005 Sociology 160: Environmental Sociology, Spring
Sociology 303: Introduction to Research Design, Spring
- 2004 Sociology 656: Social Movements and Collective Action, Spring.
Sociology 160: Environmental Sociology, Spring.
- 2003 Sociology 656: Social Movements and Collective Action, Spring.
Sociology 260: Environmental Sociology, Spring.
Sociology 613: Sociology of Science, Fall.
Sociology 303: Introduction to Research Design, Fall.
- 2002 Sociology 303: Introduction to Research Design, Spring.
Sociology 260: Environmental Sociology, Spring.
Sociology 613: Sociology of Science, Fall.
Sociology 303: Introduction to Research Design, Fall.
- 2001 Sociology 613: Sociology of Science, Fall.
Sociology 260: Environmental Sociology, Fall.

SERVICE

Department

- 2005- Undergraduate Committee
2001-2005 Graduate Studies Committee
2003-2004 Research Colloquium Committee (Chair)
2002 Faculty Search Committee (Latin America)
2001 Ph.D. Area Exam Committee, Nicole Youngman (Environmental Sociology)

Advising

- 2005 Faculty Co-Sponsor, Undergraduate Internship (Chao-Ting Liu, ENST)
2003-2004 Senior Thesis Advisor, Kathy Rito

- 2004 Master's Thesis Reader, Lisa Singleton (History)
- 2004 Faculty Sponsor, Undergraduate Internship (Lindsay Martin, ENST)
- 2004 Faculty Sponsor, Undergraduate Internship (Lynette Benhke, ENST)
- 2003 Faculty Sponsor, Undergraduate Internship (Charles Stillman, ENST)
- 2003 Faculty Sponsor, Undergraduate Internship (Meredith Younghein, ENST)
- 2003 Faculty Sponsor, Undergraduate Internship (Heather Pagano, ENST)
- 2002- Dissertation Advisor, Nicole Youngman
- 2002-2003 Master's Thesis Advisor, Sarah Kaufman
- 2002-2003 Senior Thesis Advisor, Carol Glasser
- 2002-2003 Senior Thesis Reader, Kimberly Posin (Political Science)
- 2002 Undergraduate Summer Research Advisor, Kathy Rito

University

- 2006- Executive Committee, Tulane University Center for Public Service
- 2006- Subcommittee on Social Policy and Practice, Partnership for the Transformation of Urban Communities
- 2005- Student Academic Judiciary Committee
- 2004 Search Committee, Aaron Fellowship in Environmental Studies
- 2003-2004 Tulane College Honor Board
- 2003- Environmental Education Committee
- 2003-2004 Tulane Service Learning Advisory Committee
- 2002 Nominated for Faculty Committee on Tulane College

Discipline

- 1997-present Referee, *American Sociological Review*; *Rural Sociology*; *Science, Technology & Human Values*; *The Sociological Quarterly*; *Social Problems*; *Science as Culture*; *Science and Technology Yearbook*; *Social Studies of Science*; *Science and Public Policy*; *Sociological Forum*; *Sociological Inquiry*
- 2007-2009 Elected Council Member, ASA Section on Science, Knowledge, and Technology.
- 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.
- 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.
- 2005 Referee, National Science Foundation Grants (2)
- 2004 Referee, National Science Foundation Grants (2)
- 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*. 6-8 November 2002, Copenhagen, Denmark and Lund, Sweden.
- 2001 Member, Book Award Committee, ASA Section on Science, Knowledge and Technology.
- 2000-2001 Publications Committee, ASA Section on Environment, Technology, and Society.
- 1994 Discussant, "The Sociology of Agriculture Science." Regular panel session, Rural Sociological Society Meetings, Portland, Oregon.

GRANTS/FUNDING FOR RESEARCH

- 2005 National Science Foundation Collaborative Research Grant (with Neil Gross). "Explaining Scientific/Intellectual Movements – Two Empirical Studies of Change in the Modern American Academy." (Request denied; plans to revise and resubmit in 2007).
- 2004 Coypu Foundation Grant for "Institutional Analysis of Invasive Species Research, Policy, and Implementation Programs." Amount: \$6,000.
- 2003 Georges Lurcy Fund for Faculty Research Grant for "The Organizational Structure of Scientist Activism in Environmental Justice Conflicts." Amount: \$750.
- 2002 Senate Committee on Research (COR) summer fellowship. Tulane University. Amount: \$4,000.
- 1997 Dissertation Grant, National Science Foundation. Amount: \$9,000.

PROFESSIONAL AFFILIATIONS

- 2000- International Society for the History, Philosophy, and Social Study of Biology
1995- Society for Social Studies of Science
1994- American Sociological Association
ASA Sections: Science, Knowledge & Technology
Environment, Technology & Society
Collective Behavior and Social Movements
- 1994-1999 Midwest Sociological Society

1993-1998 Rural Sociological Society

HONORS AND AWARDS

- 2006 Robert K. Merton Professional 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.
- 1992-1993 Vilas Scholars Fellowship for outstanding scholarly achievement, Graduate School, University of Wisconsin-Madison.
- 1988 Departmental Honors, *Magna Cum Laude* (Sociology), University of Colorado.

RECENT PROFESSIONAL PRESENTATIONS

- 2007 Invited participant, "New Chemical Bodies," 2007 Gordon Cain Conference, Chemical Heritage Foundation, Philadelphia, PA.
- 2007 Invited participant, "Toxic Bodies: An Interdisciplinary Roundtable." American Society for Environmental History, Feb.28-Mar. 2, Baton Rouge.
- 2007 "Hurricane Katrina and the hidden legacy of New Orleans' industrial development, 1955-2005." To be presented at American Society for Environmental History meetings, Feb. 28-Mar. 2, Baton Rouge.
- 2006 "Science Policy for Resilient Urban Ecosystems." Invited paper, NSF workshop on The Social Organization of Science and Science Policy. July 13-14, Arlington.
- 2006 "Katrina, contamination, and the organization of ignorance." Invited paper, NSF workshop on Cities and Rivers II: New Orleans, the Mississippi Delta, and Katrina. March 22-24, New Orleans. (Revised version to be presented at Society for Social Studies of Science meetings, November, Vancouver.)
- 2005 "Scientific authority and expert activism in environmental health and justice movements." Invited talk, History and Sociology of Science Department, University of Pennsylvania (November 28).
- 2004 "When convention becomes contentious: Organizing scientist activism in genetic toxicology." Invited lecture, Department of Natural Resources, Cornell University (March 8).

- 2003 “Organizing scientist environmental justice activism.” Presented at the Society for Social Studies of Science meetings, October 15-18, Atlanta, Georgia.
- 2003 “Building environmental states.” Presented at the American Sociological Association Meetings, August 16-19, Atlanta, Georgia.
- 2002 “Scientific Organizations as Environmental Actors: Knowledge, Politics, and Synergy.” Presented at the American Sociological Association Meetings, Chicago and at the Fourth Triple Helix Conference, November 6-8, Copenhagen, Denmark and Lund, Sweden.
- 2001 “Boundary-Work on the Nature/Society Divide: Fusing Science and Politics in Genetic Toxicology.” Presented at the American Sociological Association Meetings, Anaheim, Calif.
- 2001 “The social and political origins of the Environmental Mutagen Society.” Invited presentation at the Annual Meeting of the Environmental Mutagen Society, San Diego.