

**BRIAN MAYER**  
Associate Professor  
Department of Sociology  
University of Arizona  
Tucson, AZ 85721  
[brianmayer@email.arizona.edu](mailto:brianmayer@email.arizona.edu)

## **EDUCATION**

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### **Brown University**

#### **Ph.D. in Sociology, 2006**

*Dissertation:* “Blue and Green Shades of Health: The Social Construction of Health Risks in the Environmental and Labor Movements.”

*Committee:* Phil Brown (Chair), Rachel Morello-Frosch, Patrick Heller

*Comprehensive Exam Areas:* Environmental Sociology, Medical Sociology and Social Movement Theory

#### **M.A. in Sociology, 2002**

*Masters’ Thesis:* “The Precautionary Principle Movement: Collective Framing and Common Sense in Environmental Policy.”

### **University of California at Santa Cruz**

#### **B.A. in Environmental Studies and Politics, 1999**

## **RESEARCH AND TEACHING INTERESTS**

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Environmental Sociology, Risk and Hazards, Medical Sociology, Social Movements, Science and Technology Studies, Qualitative Methods, Public Health

## **PROFESSIONAL EXPERIENCE**

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### **Associate Professor**

School of Sociology, College of Social and Behavioral Sciences, University of Arizona, 2013-present.

### **Assistant Professor**

School of Sociology, College of Social and Behavioral Sciences, University of Arizona, 2012-2013.

### **Assistant Professor**

Department of Sociology, College of Liberal Arts and Sciences, University of Florida, 2006 – 2012.

### **Affiliate Assistant Professor**

Department of Global and Environmental Health, College of Public Health and Health Professions, University of Florida, 2007 – 2010.

**Affiliate Faculty**

School of Natural Resources & Environment, University of Florida, 2006 – present.

**AWARDS AND HONORS**

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**College of Liberal Arts and Sciences. Nomination for Faculty Teaching Award for 2006-2007.**

**Joukowsky Family Foundation Outstanding Dissertation Award in the Social Sciences, Graduate School, Brown University. 2006.**

**FELLOWSHIPS AND GRANTS**

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**Office of the Assistant Secretary for Preparedness and Response, Department of Health and Human Services. Co-PI. 2012-2014. \$417,000.**

Title: “Modeling the Interplay of Individual and Community Resilience for Recovery from Hurricane Sandy.”

**Substance Abuse and Mental Health Services Agency. Resiliency Supplement to Deepwater Horizon Disaster Research Consortia. Co-PI. 2012-2013**

Title: “The Role of Social Resources in Resilience and Mental Health Recovery in Gulf Coast Communities After Oil Spill.”

**National Institutes of Environmental Health Sciences. Deepwater Horizon Disaster Research Consortia: Health Impacts and Community Resiliency Program Project (U19). Project Director. 2011-2016: \$1,306,250.**

Title: “Health Impact of Deepwater Horizon Oil Spill on Eastern Gulf Coast Communities: A Community-Based Assessment of Vulnerability and Resiliency.”

**University of Florida Fellows in Sustainability. University of Florida Prairie Project. 2010: \$2,000.**

**Graham Center for Public Service Case Study Grant, Bob Graham Center for Public Service, University of Florida, PI, 2009: \$4,000.**

**Preliminary Study Grant, College of Liberal Arts and Sciences, University of Florida, Co-PI, 2009: \$15,000.**

Title: “Bucket Brigades and Citizen Science: Empowering Communities with Information.”

**Course Enhancement Grant, Bob Graham Center for Public Service, University of Florida, 2008: \$1,500.**

**Activity Fund Project, Environmental Leadership Program, 2005-2006: \$2,000.**

Title: “Fostering Blue/Green Leadership in Massachusetts.”

**National Science Foundation Research Grant**, 2004-2006.

Program: Social Dimensions of Engineering, Science, and Technology, Ethics and Values Studies:, CoPI, \$179,941.

Title: “Blue and Green Shades of Health: The Social Construction of Health Risks in the Labor and Environmental Movements.”

**Environmental Leadership Program Fellowship**, 2005 – 200.

**National Science Foundation Doctoral Dissertation Improvement Grant**, 2004-2005:

Co-PI, \$7,002.

Program: Sociology.

**Summer Travel Grant**, Brown University Graduate School, 2005: \$500.

**Keen Dissertation Fellowship**, Brown University Graduate School, 2004-2005, \$2,500.

**Summer Travel Grant**, Brown University Graduate School, 2003: \$500.

## **TEACHING EXPERIENCE**

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### *Undergraduate Courses*

Environmental Sociology

The Sociology of Environmental Health

Social Movements

Social Problems (live and online versions)

### *Graduate Courses*

Core Issues in Environmental and Resource Sociology

Environmental Inequality and Justice

Professional Development Seminar for Graduate Students

Risk Communication

## **BOOKS**

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Mayer, Brian. *Blue-Green Coalitions: Fighting for Safe Workplaces and Healthy Environments*. 2008. Ithaca, New York: Cornell University Press.

## **REFEREED JOURNAL PUBLICATIONS**

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Mayer, Brian. 2012. “‘Relax and Take a Deep Breath’: Print Media Coverage of Asthma and Air Pollution in the United States.” *Social Science & Medicine* 75:892-900.

- Mayer, Brian, Joan Flocks, and Paul Monaghan. 2010. "The Role of Employers and Supervisors in Promoting Pesticide Safety Behavior among Florida Farmworkers." *American Journal of Industrial Medicine* 53(8):814-924.
- Mayer, Brian, Phil Brown, and Rachel Morello-Frosch. 2010. "Labor-Environmental Coalition Formation: Framing the Right-to-Know." *Sociological Forum* 25(4):746-768.
- Mayer, Brian. 2009. "Cross-Movement Coalition Formation: Bridging the Labor-Environmental Divide." *Sociological Inquiry* 79(2):219-239.
- Mayer, Brian. 2009. "Blue-Green Coalitions: Fighting for the Right-to-Know." *New Solutions* 19(1):59-80.
- Overdevest, Christine and Brian Mayer. 2008. "Harnessing the Power of Information through Community Monitoring: Insights from Social Science." *Texas Law Review* 86(7):1493-1526.
- Senier, Laura, Brian Mayer, Phil Brown, and Rachel Morello-Frosch. 2007. "School Custodians and Green Cleaners: New Approaches to Labor-Environmental Coalitions." *Organization and Environment* 20(30): 304-324.
- Brown, Phil, Sabrina McCormick, Brian Mayer, Stephen Zavestoski, Rachel Morello-Frosch, Rebecca Altman, and Laura Senier. 2006. "A Lab of Our Own": Environmental Causation of Breast Cancer and Challenges to the Dominant Epidemiological Paradigm." *Science, Technology & Human Values* 31(5): 499-536.
- Brown, Phil, Brian Mayer, Stephen Zavestoski, Theo Luebke, Joshua Mandelbaum, and Sabrina McCormick. 2004. "Clearing the Air and Breathing Freely: The Health Politics of Pollution and Asthma." *International Journal of Health Services* 34(1):39-63.
- Zavestoski, Stephen, Phil Brown, Sabrina McCormick, Brian Mayer, Maryhelen D'Ottavi, and Jaime Lucove. 2004. "Patient Activism and the Struggle for Diagnosis: Gulf War Related Illness and Other Medically Unexplained Physical Symptoms in the US." *Social Science and Medicine* 58 (1): 161-176.
- Brown, Phil, Stephen Zavestoski, Sabrina McCormick, Brian Mayer, Rachel Morello-Frosch, and Rebecca Gasior-Altman. 2004. "Embodied Health Movements: Uncharted Territory in Social Movement Research." *Sociology of Health and Illness* 26(1): 50-81.
- Brown, Phil, Brian Mayer, Stephen Zavestoski, Theo Luebke, Joshua Mandelbaum, and Sabrina McCormick. 2003. "The Health Politics of Asthma: Environmental Justice and Collective Illness Experience in the United States." *Social Science & Medicine* 57(3): 453-465.
- Zavestoski, Stephen, Phil Brown, Meadow Linder, Brian Mayer, and Sabrina McCormick. 2002. "Science, Policy, Activism, and War: Defining the Health of Gulf War Veterans." *Science, Technology, and Human Values* 7:171-205.

- Mayer, Brian, Phil Brown, and Meadow Linder. 2002. "Moving Further Upstream: From Toxics Reduction to the Precautionary Principle." *Public Health Reports* 117(6): 574-86.
- Brown, Phil, Brian Mayer, Stephen Zavestoski, Sabrina McCormick, and Pamela Webster. 2002. "Policy Outcomes for Contested Environmental Diseases." *Annals of the American Academy of Political and Social Science* 584:175-202.

## **BOOK CHAPTERS**

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- Mayer, Brian, Kelly Bergstrand, and Katrina Running. Forthcoming. "Science as Comfort: The Strategic Use of Science in Post-Disaster Settings." In Daniel Kleinman and Kelly Moore (eds) *Handbook of Science and Technology Studies*. New York: Routledge Press.
- Mayer, Brian. Forthcoming. "Linking Environmental Justice and Occupational Health: The Promise of Blue-Green Coalitions." In Jennifer Westerman and Christina Robertson (eds.) *Working on Earth: The Intersection of Working Class Studies and Environmental Justice*. Under review.
- Brown, Phil, Rachel Morello-Frosch, Stephen Zavestoski, Laura Senier, Rebecca Gasior Altman, Elizabeth Hoover, Sabrina McCormick, Brian Mayer, and Crystal Adams. 2011. "Field Analysis and Policy Ethnography: New Directions for Studying Health Social Movements." In Mayer Zald, Jane Banaszak-Holl, and Sandra Levitsky (eds.), *Social Movements and the Development of Health Institutions*. Oxford: Oxford University Press.
- Overdevest, Christine and Brian Mayer. 2010. "Citizen Science and the Next Generation of Environmental Law." In Alyson Flournoy and David Driesen (eds.), *Beyond Environmental Law*. Cambridge: Cambridge University Press.
- Morello-Frosch, Rachel, Brown, Phil, Stephen Zavestoski, Laura Senier, Rebecca Altman, Elizabeth Hoover, Sabrina McCormick, Brian Mayer, and Crystal Adams. Forthcoming. "Social Movements and Health." In Bernice A. Pescosolido, Jack K. Martin, Jane McLeod, and Anne Rogers (eds.), *Handbook of Health, Illness & Healing: Blueprint for the 21st Century*.
- Brown, Phil, Brian Mayer, Stephen Zavestoski, Theo Luebke, Joshua Mandelbaum and Sabrina McCormick. 2005. "The Health Politics of Asthma: Environmental Justice and Collective Illness Experience." In David Pellow and Robert Brulle (eds.), *Power, Justice, and the Environment: A Critical Appraisal of the Environmental Justice Movement*. Cambridge, MIT Press.
- Brown, Phil, Stephen Zavestoski, Sabrina McCormick, Brian Mayer, Rachel-Morello-Frosch, and Rebecca Gasior. 2005. "Social Movements in Health: Responses to and Shapers of a Changed Medical World." In Kelley Moore and Scott Frickel

- (eds.), *The New Political Sociology of Science*. Madison: University of Wisconsin Press.
- Zavestoski, Stephen, Rachel Morello-Frosch, Phil Brown, Brian Mayer, Sabrina McCormick, Rebecca Gasior-Altman. 2004. "Health Social Movements and the Challenge to the Dominant Epidemiological Paradigm." In Daniel Myers and Daniel Cress (eds.), *Authority in Contention: Research in Social Movements, Conflict and Change Vol. 25*. Oxford: Elsevier JAI.
- Brown, Phil, Stephen Zavestoski, Theo Luebke, Joshua Mandelbaum, Sabrina McCormick, Brian Mayer. 2004. "Cleaning the Air and Breathing Freely: The Health Politics of Air Pollution and Asthma." In Melanie Dupuis (ed.), *Smoke and Mirrors: Air Pollution in a Social Context*. New York: NY University Press.
- Brown, Phil, Stephen Zavestoski, Meadow Linder, Sabrina McCormick, and Brian Mayer. 2003. "Chemicals and Casualties: The Search for Causes of Gulf War Illnesses." In Monica Casper (ed.), *Synthetic Planet: Chemical Politics and the Hazards of Modern Life*. New York: Routledge.

### **ARTICLES UNDER REVIEW**

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- Mayer, Brian, Katrina Running, and Kelly Bergstrand. "Corroding Communities: Social Comparisons, Competition, and Uncertainty Following the Deepwater Horizon Oil Spill."
- Mayer, Brian and James Davies. "Certificates of Confidentiality in High-Stakes Research."

### **ARTICLES IN PREPARATION**

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- "Integrating Indicators of Social Vulnerability and Community Resilience to Assess Long-Term Recovery." Brian Mayer, Kelly Bergstrand, and Babette Brumback.
- "A Protocol for Rapid Appraisal of Community Social Structure." Brian Mayer and Christopher McCarty.
- "Prepared for the Worst? Resilience Gaps in the Natural/Technological Disaster Divide." Brian Mayer, Kelly Bergstrand, Hannah Clarke, Eliza Benites, and Joan Flocks.
- "Challenges to Social-Ecological Resilience in the Apalachicola Bay Oyster Industry." Brian Mayer, Hannah Clarke, and Joan Flocks.
- "Long-term Psychosocial Consequences of Relocation from Superfund Sites: The Pensacola Experience." Brian Mayer and Joan Flocks.

## CONFERENCE PRESENTATIONS

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- “A Protocol for Rapid Appraisal of Community Social Structure.” 2014. Raffaele Vaca, Christopher McCarty, Brian Mayer and Kyle Puetz. *Sunbelt Social Networks Conference of the International Network for Social Network Analysis, St. Petersburg Beach, FL*
- “Integrating Indicators of Social Vulnerability and Community Resilience to Assess Long-Term Recovery.” 2014. Brian Mayer, Kelly Bergstrand, and Babette Brumback. *Gulf of Mexico Oil Spill and Ecosystem Science Conference, Mobile.*
- “Prepared for the Worst? Resilience Gaps in the Natural/Technological Disaster Divide.” 2014. Brian Mayer, Kelly Bergstrand, Hannah Clarke, Eliza Benites, and Joan Flocks. *Gulf of Mexico Oil Spill and Ecosystem Science Conference, Mobile..*
- “Challenges to Social-Ecological Resilience in the Apalachicola Bay Oyster Industry.” 2014. Brian Mayer, Hannah Clarke, and Joan Flocks. *Gulf of Mexico Oil Spill and Ecosystem Science Conference, Mobile.*
- “Regulatory Challenges in a Post-Disaster Setting: Scientific Credibility after the BP Oil Spill.” 2013. Brian Mayer, Kelly Bergstrand, and Katrina Running. *American Sociology Association Annual Conference, New York.*
- “Long-term Psychosocial Effects Following Toxic Contamination: Does Permanent Residential Relocation Matter?” 2013. Brian Mayer and Eliza Benites Gambirazio. *American Sociological Association Annual Conference, New York.*
- “The Impact of the Deepwater Horizon Disaster Compensation Process on Gulf Coast Communities.” 2013. Joan Flocks and Brian Mayer. *Society for Applied Anthropology, Denver.*
- “The Social Networks of Resilience following an Environmental Disaster.” 2013. Chris McCarty and Brian Mayer. *Society for Applied Anthropology, Denver.*
- “Enhancing Community Resiliency through Cooperative Extension Training.” 2013. Paul Monaghan, Brian Mayer, Joan Flocks, and Tracy Irani. *Gulf of Mexico Oil Spill and Ecosystem Science Conference, New Orleans.*
- “Compensation and Relative Deprivation in the Gulf: Challenges to the Recovery Process.” 2013. Brian Mayer and Joan Flocks. *Gulf of Mexico Oil Spill and Ecosystem Science Conference, New Orleans.*

- “A Protocol for Rapid Appraisal of Community Structure.” 2013. Brian Mayer and Christopher McCarty. *Gulf of Mexico Oil Spill and Ecosystem Science Conference, New Orleans.*
- “Psychological Response and Resilience of People and Communities Impacted by the Deepwater Horizon Oil Spill.” 2012. Glenn Morris, Brian Mayer, and Lynn Grattan. *American Clinical and Climatological Association Annual Conference, Sarasota, Florida.*
- “Disaster and Recovery in the Gulf: Preliminary Results from the Field.” 2012. Brian Mayer. *American Sociological Association Annual Conference, Denver.*
- “Relax and Take a Deep Breathe: Media Coverage of Environmental Causes of Asthma 1988-2008.” 2011. Brian Mayer. *American Sociological Association Annual Conference, Atlanta.*
- “Health Impacts of the Deepwater Horizon Oil Spill in Eastern Gulf Coast Communities.” 2011. Brian Mayer. *Southern Sociological Society Annual Conference, Jacksonville.*
- “Green Jobs and Good Jobs.” 2011. Brian Mayer. *University of Florida Public Interest Environmental Conference.* February 25.
- “What’s in the Air: A Tale of Two Environmental Monitoring Campaigns.” 2010. Brian Mayer. *Walking a Fine Line: Scientists, Experts, and Civic Engagement: A Symposium in New Orleans,* Dillard University. November 2-3.
- “Community Health Effects and the Deepwater Horizon Oil Spill.” 2010. Brian Mayer. *Oil Spill Symposium at the Martin H. Levin Legal Advocacy Center.* September 16.
- “Farmworker Attitudes and Behaviors Towards Pesticides in the Nursery and Fernery Industries.” 2010. Brian Mayer. *American Sociological Association Annual Conference, Atlanta.*
- “Health, Labor, and Environment.” 2008. Brian Mayer. *American Sociological Association Annual Conference, Boston.*
- “Bucket Brigades and Community-Based Environmental Monitoring.” 2007. Brian Mayer and Christine Overdevest. *Society for the Social Studies of Science Annual Conference, Montreal.*
- “Citizen Science and Environmental Quality: Community Empowerment through Information.” 2007. Brian Mayer. *Knowledge in Contention: Social Movements and the Politics of Science,* Cornell University.



- “Policy Ethnography and Field Analysis: New Directions in Theory and Methods for Studying Health Social Movements.” 2007. Phil Brown, Laura Senier, Rachel Morello-Frosch, Sabrina McCormick, Brian Mayer, Stephen Zavestoski, Rebecca Altman, Elizabeth Hoover, and Crystal Adams. *Social Movements and the Development of Health Institutions, University of Michigan*.
- “How do Bucket Brigades Work: A Research Proposal.” Christine Overdeest and Brian Mayer. 2007. *American Sociological Association Annual Conference, New York*.
- “Constructing a Frame Pyramid in a Cross-Movement Coalition: New Jersey’s Labor-Environmental Alliance.” 2005. Mayer, Brian and Phil Brown. *American Sociological Association Annual Conference, Philadelphia*.
- “Blue and Green Shades of Health: The Framing of Precaution.” 2004. Mayer, Brian. *American Sociological Association Annual Conference, San Francisco*.
- “Health Social Movements and Contested Illnesses.” 2003. Brown, Phil, Brian Mayer, Rachel Morello-Frosch, Rebecca Gasior, Sabrina McCormick and Stephen Zavestoski. *Society for Social Studies of Science Annual Conference, Atlanta*.
- “Embodied Health Movements: A New Conceptual Framework for Social Movements Research.” 2003. Brown, Phil, Stephen Zavestoski, Sabrina McCormick, Brian Mayer, and Rebecca Gasior. *American Sociological Association Annual Conference, Atlanta*.
- “Cleaning the Air and Breathing Freely: The Health Politics of Air Pollution and Asthma.” 2003. Brown, Phil, Stephen Zavestoski, Theo Luebke, Josh Mandelbaum, Sabrina McCormick, and Brian Mayer. *American Society for Environmental History, Providence*.
- “Policy Issues in Environmental Health Disputes.” 2002. Brown, Phil, Stephen Zavestoski, Brian Mayer, Sabrina McCormick, and Pamela Webster. *American Sociological Association Annual Conference, Chicago*.
- “Science, Knowledge, and Environmental Causation of Breast Cancer.” 2002. Brown, Phil, Sabrina McCormick, Brian Mayer, and Stephen Zavestoski. *American Sociological Association Annual Conference, Chicago*.
- “Illness Experience and Patient Activism: Gulf War Related Illness and Other Medically Unexplained Physical Symptoms.” 2002. Stephen Zavestoski, Phil Brown, Sabrina McCormick, Brian Mayer, Maryhelen D’Ottavi, and Jaime Lucove. *American Sociological Association Annual Conference, Chicago*.
- “Health Social Movements: Uncharted Territory in Social Movement Research.” 2002. Brown, Phil, Stephen Zavestoski, Sabrina McCormick, and Brian Mayer. *Collective Behavior and Social Movements Section of the American Sociological Association Mini-Conference, Big Bend, IL*.
- “Something in the Air: Citizen-Science Alliances and the Dispute Over Environmental Factors in Asthma.” 2001. Brown, Phil, Steve Zavestoski, Theo Luebke, Josh Mandelbaum, Sabrina McCormick, and Brian Mayer. *Society for the Social Studies of Science Annual Conference, Cambridge, MA*.

“Gulf War Illnesses: Toxics, Stress, and Other Approaches To Mysterious Ailments.” 2001. Brown, Phil, Steve Zavestoski, Sabrina McCormick, Brian Mayer, Theo Luebke, Josh Mandelbaum, and Meadow Linder. *American Public Health Association Annual Conference, Atlanta*.

“The Politics of Asthma Suffering: Environmental Justice and the Social Movement Transformation of Illness Experience.” 2001. Brown, Phil, Steve Zavestoski, Theo Luebke, Josh Mandelbaum, Sabrina McCormick, and Brian Mayer. *American Sociological Association Annual Conference, Anaheim*.

“Moving Further Upstream: Toxics Use Reduction Institute and the Precautionary Principle.” 2001. Brown, Phil, Brian Mayer, and Meadow Linder. *American Sociological Association Annual Conference, Anaheim*.

“Gendered Bodies and Disease: Breast Cancer Activists’ Challenges to Science, the Biomedical Model, and Policy.” 2001. Zavestoski, Steve, Phil Brown, Sabrina McCormick, and Brian Mayer. *International Sociological Association Annual Conference*.

## **NONREFEREED PUBLICATIONS**

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“Chemical Security Post-9/11.” 2007. *Newsletter of the Section on Environment and Technology of the American Sociological Association*.

“Boston Public Schools Green Cleaners Project: Pilot Program Assessment”  
Report to Massachusetts Committee on Occupational Safety and Health and Boston Urban Asthma Coalition.

“Linking Environmental Justice, Health, and the Workplace.” 2005. *Environmental Leadership News* (Fall).

## **PROFESSIONAL MEMBERSHIPS**

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American Sociological Association:  
*Environment and Technology Section*  
*Medical Sociology Section*  
*Collective Behavior and Social Movements Section*

Society for the Social Studies of Science  
Society for Applied Anthropology.

## **PROFESSIONAL SERVICE**

---

Preview Advisor, Academic Advising Center, University of Florida, Summer 2011.

Focus Group Leader, Social and Economic Impacts, University of Florida Oil Spill Response Task Force, 2010.

Faculty Advisor, University of Florida Society of Social Sciences 6<sup>th</sup> Annual Conference. 2010.

Chair: Teaching, Training, and Practice Committee; Environment and Technology Section of the American Sociological Association, 2009-2011.

Member: Water Institute, University of Florida.

Member: Changing Environments and Emerging Infectious Diseases Program, University of Florida.

Participant: Association for Prevention Teaching and Research Undergraduate Curriculum Development Institute.

Peer Reviewer: American Sociological Review, Sociological Inquiry, Social Problems, Oxford University Press.

Panel Participant. "Succeeding on the Job Market for Sociology Graduate Students." 2006.

Board Member, Toward Tomorrow. 2006-present.

Labor Advisory Board Member, Alliance for a Healthy Tomorrow. 2004 – present.

Conference Coordinator. Alliance for a Healthy Tomorrow, "Building Labor-Environmental Relations in Massachusetts, A Two-Day Workshop." planned for Spring, 2006.

Graduate Student Representative. Department of Sociology, Brown University. 2003.

Conference Organizer. Brown University, "Research Ethics and Environmental Justice." Summer, 2003.

Survey Consultant. Alliance for a Healthy Tomorrow, "Household Pesticide Use and Attitudes towards Safer Alternatives." Spring, 2004.

Labor Advisory Board Member, Alliance for a Healthy Tomorrow. 2004 – present.

Conference Coordinator. Alliance for a Healthy Tomorrow, "Building Labor-Environmental Relations in Massachusetts, A Two-Day Workshop." Spring, 2006.