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## Curriculum Vitae

### Phil Brown

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#### EDUCATION

B.A., June, 1970, Long Island University, History cum laude  
M.A., June, 1971, New York University, U.S. Social History  
Ph.D., May, 1979, Brandeis University, Sociology

#### PROFESSIONAL APPOINTMENTS

2012-Present University Distinguished Professor of Sociology and Health Sciences,  
Northeastern University; Director, Social Science Environmental Health  
Research Institute  
2012-Present Adjunct Professor of Pathology and Laboratory Medicine, Brown University  
1986-2000 Lecturer in Sociology, Harvard Medical School, Department of Psychiatry  
1984-1986 Research Fellow, Harvard Medical School, Department of Psychiatry  
1980-2012 Brown University, Assistant Professor to Professor of Sociology and  
Environmental Studies  
1979-1980 Regis College, Weston, MA - Assistant Professor of Sociology  
1976-1979 University of Massachusetts/Boston - Lecturer in Sociology  
1974-1979 Boston State College - Instructor in Sociology  
1974-1975 Boston University - Instructor in Psychology  
1972-1977 Goddard College, Graduate Program - Project Faculty and Field Faculty in  
Social and Community Psychology

#### PUBLISHED BOOKS AND MONOGRAPHS

Holli Levitsky and **Phil Brown** (eds.), *Summer Haven: The Catskills, the Holocaust, and the Literary Imagination*. 2015, Academic Studies Press.

**Phil Brown**, Rachel Morello-Frosch, Stephen Zavestoski, and the Contested Illnesses  
Research Group, *Contested Illnesses: Citizens, Science and Health Social Movements* (2012,  
University of California Press).

Phil Brown, *Toxic Exposures: Contested Illnesses and the Environmental Health Movement*  
(2007, Columbia University Press).

**Phil Brown** and Stephen Zavestoski (eds.), *Social Movements in Health* (2005, Blackwell Publishers).

Phil Brown (ed.), *In the Catskills: A Century Of The Jewish Experience In “The Mountains”* (2002, Columbia University Press).

J. Stephen Kroll-Smith, **Phil Brown**, and Valerie Gunter (eds.), *Illness and the Environment: A Reader in Contested Medicine* (2000, New York University Press).

Phil Brown, *Catskill Culture: A Mountain Rat's Memories of the Great Jewish Resort Area* (1998, Temple University Press).

**Phil Brown** and Edwin J. Mikkelsen, *No Safe Place: Toxic Waste, Leukemia, and Community Action*, (1990, revised edition 1997, University of California Press).

Phil Brown (ed.), *Perspectives in Medical Sociology* (1989, fourth edition 2007, Waveland Press).

Phil Brown (ed.), *Mental Health Care and Social Policy* (1985, Routledge & Kegan Paul).

Phil Brown, *The Transfer of Care: Psychiatric Deinstitutionalization and Its Aftermath* (1985, Routledge & Kegan Paul).

#### PUBLISHED ARTICLES

1. Pahriya Ashrap, Deborah Watkins, Antonia Calafat, Xiaoyun Ye, Zaira Rosario, **Phil Brown**, Carmen Vélez-Vega, Akram Alshawabkeh, Jose Cordero “Elevated Concentrations of Urinary Triclocarban, Phenol and Paraben among Pregnant Women in Northern Puerto Rico: Predictors and Trends” *Environmental International* In press.
2. Lauren Richter, Alissa Cordner, and **Phil Brown**, “Non-Stick Science: Sixty Years of Research and (In)Action on Fluorinated Compounds” *Social Studies of Science* In press.
3. **Phil Brown**, Vanessa De La Rosa, and Alissa Cordner. “Toxic Trespass and Emerging Contaminants: Science, Activism, and Policy for Chemicals in Our Bodies.” In Alice Mah, ed. *Environmental Justice and Citizen Science in a Post Truth Age*. In press.
4. Elisabeth Wilder and **Phil Brown**, “Environmental Factors in Health” In *International Handbook of Environmental Sociology*, Edited by David Pellow, Beth Caniglia, Andrew Jorgenson, Stephanie Malin, and Lori Peek. In press.
5. Alissa Cordner and **Phil Brown** “Science, Expertise, and Environmental Justice” In Michael Mascarenhas, ed., *Lessons in Environmental Justice. From Civil Rights to Black Lives and Idle No More*. In press.

6. Jennifer Carrera and **Phil Brown**, “Toxicity: Health and the Environment” In *The Cambridge Handbook of Environmental Sociology* Edited by Katharine Legun, Julie Keller, Michael Bell, and Michael Carolan. In press.
7. Emily Zimmerman, Catherine Borkowski, Stephanie Clark, and **Phil Brown**, “Educating Speech-Language Pathologists Working in Early Intervention on Environmental Health.” *BMC Medical Education* 2018 18:155.
8. **Phil Brown**, Carmen Milagros Velez Vega, Colleen B. Murphy Vellena, Michael Welton, Hector Torres, Zaira Rosario, Akram Alshawabkeh, Jose Cordero, Ingrid Padilla, and John Meeker “The Hurricanes and the Environmental Justice Island: Irma and Maria on Puerto Rico” *Environmental Justice* 2018 11(4):148-153.
9. Laura Perovich, Jennifer Ohayon, Elicia Cousins, Rachel Morello-Frosch, **Phil Brown**, Gary Adamkiewicz, Julia Brody, “Reporting to Parents on Children’s Exposures to Asthma Triggers in Low-Income and Public Housing: Environmental Literacy, Individual Action, and Public Health Benefits” *Environmental Health*. 2018 17:48.
10. Leif Fredrickson, Christopher Sellers, Lindsey Dillon, Jennifer Liss Ohayon, Nicholas Shapiro, Marianne Sullivan, Chris Amoss, Stephen Bocking, **Phil Brown**, Vanessa De La Rosa, Jill Harrison, Sara Johns, Katherine Kulik, Rebecca Lave, Emily Marquez, Michelle Murphy, Liza Piper, Lauren Richter, Sara Wylie, and the Environmental Data and Governance Initiative. “History of US Presidential Assaults on Modern Environmental Health Protection” *American Journal of Public Health* 2018. 108 (S2):S95-S103
11. Lindsey Dillon, Vivian Underhill, Nicholas Shapiro, Christopher Sellers, Jennifer Liss Ohayon, Marianne Sullivan, Chris Amoss, Stephen Bocking, **Phil Brown**, Vanessa De La Rosa, Jill Harrison, Sara Johns, Katherine Kulik, Rebecca Lave, Michelle Murphy, Liza Piper, Lauren Richter, Sara Wylie, and the Environmental Data and Governance Initiative. "The Environmental Protection Agency in the Early Trump Administration: Prelude to Regulatory Capture" *American Journal of Public Health* 2018. 108 (S2):S89-S94
12. José F. Cordero, John D. Meeker, Rita Loch-Carusso, Roger Giese, Ingrid Padilla, Dorothy Vesper, David Kaeli, Thomas Sheahan, **Phil Brown**, Carmen M. Vélez-Vega, and Akram N. Alshawabkeh “Team Science Applied to Environmental Health Research: Karst Hydrogeology and Preterm Birth in Puerto Rico” Pp. 17-25 in W. White, J. Herman, E. Herman, and M. Rutigliano (eds) *Karst Groundwater Contamination and Public Health*. 2018. NY: Springer.
13. Jennifer Carrera, **Phil Brown**, Julia Green Brody, and Rachel Morello-Frosch, “Research Altruism: Why People Agree to Research Participation in Biomonitoring and Household Exposure Studies” *Social Science & Medicine*. 2018 196: 175-181

14. **Phil Brown**, Stephanie Clark, Emily Zimmerman, Mark Miller, and Maria Valenti, “Health Professionals’ Environmental Health Literacy.” In press in Symma Finn and Liam O’Fallon, eds. *Environmental Health Literacy*. Springer.
15. Julia Green Brody, **Phil Brown**, and Rachel A. Morello-Frosch, “Returning Chemical Exposure Results to Individuals and Communities.” In press in Symma Finn and Liam O’Fallon, eds. *Environmental Health Literacy*. Springer.
16. Dianne Quigley, Alana Levine, David Sonnenfeld, **Phil Brown**, Qing Tian and Xiaofan Wei. “Ethical Challenges for Field Practices in Environmental Research” *Science and Engineering Ethics* Published online January 3, 2018
17. Lindsey Dillon Dawn Walker, Sara Wylie, Nick Shapiro, Rebecca Lave, Megan Martenyi, Vivian Underhill, and **Phil Brown**, “Environmental Data Justice and the Trump Administration: Reflections on Forming EDGI” *Environmental Justice* Published Online December 1, 2017 doi.org/10.1089/env.2017.0020
18. Latanya Sweeney, Ji Su Yoo, Laura Perovich, Katherine E. Boronow, **Phil Brown**, and Julia Green Brody, “Re-identification Risks in HIPAA Safe Harbor Data: A Study of Data from One Environmental Health Study” *Technology Science* in press.
19. Rachel Morello-Frosch, **Phil Brown**, and Julia Green Brody “Democratizing Ethical Oversight of Research through CBPR.” In Nina Wallerstein, Bonnie Duran, John Oetzel, and Meredith Minkler, eds. *Community-Based Participatory Research for Health: Advancing Social and Health Equity, 3rd Edition*. New York: Wiley 2017.
20. Jennifer Ohayon, Rachel Morello-Frosch, Julia Brody, **Phil Brown**, and Elicia Cousins, “Researcher and Institutional Review Board Reflections on the Benefits and Challenges of Reporting Back Biomonitoring and Environmental Exposure Results” *Environmental Research*. 2017 153:140-149.
21. Alissa Cordner, Lauren Richter, and **Phil Brown**, “Can chemical-class based approaches replace chemical-by-chemical strategies?: Lessons from recent FDA regulatory action on perfluorinated compounds.” *Environmental Science & Technology* 2016 50 (23), pp 12584–12591.
22. Katherine E. Boronow, Herbert P. Susmann, Krzysztof Z. Gajos, Ruthann A. Rudel, Kenneth C. Arnold, **Phil Brown**, Rachel Morello-Frosch, Laurie Havas, and Julia Green Brody “DERBI: A Digital Method to Help Researchers Offer “Right-to-Know” Personal Exposure Results” *Environmental Health Perspectives* 2017 125: A27-A33.
23. Jacob Matz, **Phil Brown**, and Julia Brody “Social Science-Environmental Health Collaborations: An Exciting New Direction” *New Solutions*. 2016 26:349-358.
24. Carmen Milagros Vélez Vega, **Phil Brown**, Colleen Murphy, Abigail Figueroa, José Cordero, and Akram Alshawabkeh, “Community Engagement and Research Translation

- in Puerto Rico's Northern Karst Region: The PROTECT Superfund Research Program" *New Solutions*. 2016 26:475-495.
25. Monica Ramirez-Andreotta, Julia Green Brody, Nathan Lothrop, Miranda Loh, Paloma I. Beamer, and **Phil Brown**, "Improving Environmental Health Literacy and Justice Through Environmental Exposure Results Communication." *International Journal of Environmental Research and Public Health*. 2016 13(7):690.
  26. Laura Senier, **Phil Brown**, Sara Shostak, and Bridget Hanna, "The Socio-Exposome: Advancing Environmental Science in a Post-Genomic Era." *Environmental Sociology*. Published online head of print November 7, 2016.
  27. Monica Ramirez-Andreotta, Julia Green Brody, Nathan Lothrop, Miranda Loh, Paloma I. Beamer, and **Phil Brown**, "Building Informal Science Education and Environmental Health Literacy through Reporting Back Environmental Exposure Data." *Environmental Health*. 2016 15:2.
  28. Matthew Judge, **Phil Brown**, Julia Brody, Ruthann Rudel, and Serena Ryan, "The Exposure Experience: Participant Responses to a Biomonitoring Study of Perfluorooctanoic Acid (PFOA)." *Journal of Health and Social Behavior*. 2016 57: 333-350, doi:10.1177/0022146516661595
  29. Dvera I. Saxton, **Phil Brown**, Samarys Seguinot-Medina, Lorraine Eckstein, David O. Carpenter, Pamela K. Miller, and Vi Waghiyi, "Environmental Justice and the Right to Research: IRB Opposition to Chemical Biomonitoring of Breast Milk." *Environmental Health*. 2015, 14:90.
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  31. Dianne Quigley, David Sonnenfield, **Phil Brown**, Linlang He, and Quing Tian, "Research Ethics and Cultural Competence Training for Place-based Communities and Cultural Groups" *Journal of Environmental Studies and Science*, 2016. 6(3):479-489. DOI: 10.1007/s13412-015-0236-x.
  32. Elizabeth Hoover, Mia Renauld, Michael Edelstein, and **Phil Brown**, "Social Science Contributions to Transdisciplinary Environmental Health," *Environmental Health Perspectives*. 2015,123:1100–1106. DOI:10.1289/ehp.1409283
  33. Alissa Cordner, **Phil Brown**, and Rachel Morello-Frosch, "Health" In David Pellow, Joni Adamson, and William Gleason, (eds.) *Keywords in the Study of Environment and Culture*. 2016 New York University Press.

34. Alissa Cordner and **Phil Brown**, “Flame Retardants as a Prompt to Chemical Reform in the United States: A Multi-Sector Alliance,” *Environmental Sociology*, 2015, 1:69-79. DOI: 10.1080/23251042.2015.1016685.
35. Rachel Morello-Frosch, Julia Varshavsky, Max Liboiron, **Phil Brown**, and Julia Green Brody, “Communicating Results in Post-Belmont Era Biomonitoring Studies: Lessons from Genetics and Neuroimaging Research,” *Environmental Research*, 2015, 136:363-372. DOI:10.1016/j.envres.2014.10.001.
36. Alissa Cordner, **Phil Brown**, and Margaret Mulcahy “Playing with Fire: The World of Flame Retardant Activism and Policy” In Jan Willem Duyvendak and James M. Jasper (eds.) *Players and Arenas: The Interactive Dynamics of Protest*, Amsterdam University Press, 2015.
37. Alissa Cordner, Kathryn Rodgers, Rachel Morello-Frosch, and **Phil Brown**, “Firefighters and Flame Retardant Activism,” *New Solutions*, 2014, 24:507-530. DOI: 10.2190/NS.24.4.f.
38. Christine M. Vatovec, Mujde Z. Erten, Jane Kolodinsky, **Phil Brown**, Marie Wood, Ted James, and Brian L. Sprague “Ductal carcinoma in situ: a brief review of treatment variation and impacts on patients and society,” *Critical Reviews in Eukaryotic Gene Expression*, 2014, 24: 281–286. DOI: 10.1615/CritRevEukaryotGeneExpr.2014011495. PMCID: PMC4372113.
39. Julia G Brody, Sarah C Dunagan, Rachel Morello-Frosch, **Phil Brown**, Sharylle Patton and Ruthann A. Rudel, “Reporting individual results for biomonitoring and environmental exposures: Lessons learned from environmental communication case studies,” *Environmental Health*, 2014, 13:40. DOI: 10.1186/1476-069X-13-40. PMCID: PMC4098947.
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41. Rachel Morello-Frosch and **Phil Brown**, “Science, Social Justice, and Post-Belmont Research Ethics: Implications for Regulation and Environmental Health Science,” In Daniel Kleinman and Kelly Moore (eds.) *Handbook of Science, Technology, and Society*, Routledge, 2014.
42. Kelly G. Pennell, Marcella Thompson, James W. Rice, Laura Senier, **Phil Brown**, and Eric Suuberg, “Bridging Research and Environmental Regulatory Processes: The Role of Knowledge Brokers,” *Environmental Science & Technology*, 2013, 47(21):11985-11992. DOI: 10.1021/es4025244. PMCID: PMC3875357.
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47. Alissa Cordner, David Ciptet, Rachel Morello-Frosch, and **Phil Brown**, “Research Ethics for Environmental Health and Justice: Academics and Movement-Building,” *Social Movement Studies*, 2012, 11:161-176. DOI: 10.1080/14742837.2012.664898. PMID: PMC3370411.
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49. Alison K. Cohen, Allison Waters, and **Phil Brown**, “Place-based Environmental Health Justice Education: A Community-University-Government-Middle School Partnership,” *Environmental Justice*, 2012, 5(4): 188-197. DOI: 10.1089/env.2010.0021.
50. Alissa Cordner, Alison Cohen, and **Phil Brown**, “Public Sociology for Environmental Health and Environmental Justice,” In Philip Nyden, Leslie Hossfeld, and Gendolyn Nyden (eds.) *Public Sociology; Research, Action, and Change*, Los Angeles: Sage, 2011, 97-106.
51. **Phil Brown** and Alissa Cordner, “Lessons Learned from Flame Retardant Use and Regulation Could Enhance Future Control of Potentially Hazardous Chemicals,” *Health Affairs*, 2011, 30(5):1-9. DOI: 10.1377/hlthaff.2010.1228.
52. **Phil Brown**, Mercedes Lyson, and Tania Jenkins, “From Diagnosis to Social Diagnosis,” *Social Science and Medicine*, 2011, 73:939-943. DOI: 10.1016/j.socscimed.2011.05.031.
53. Crystal Adams, **Phil Brown**, Rachel Morello-Frosch, Julia Green Brody, Ruthann Rudel, Ami Zota, Sarah Dunagan, Jessica Tovar, and Sharylle Patton, “Disentangling the Exposure Experience: The Roles of Community Context and Report-back of Environmental Exposure Data,” *Journal of Health and Social Behavior*, 2011, 52(2):180-196. DOI: 10.1177/0022146510395593. PMID: PMC3175404.

54. **Phil Brown**, Rachel Morello-Frosch, Stephen Zavestoski, Laura Senier, Rebecca Altman, Elizabeth Hoover, Sabrina McCormick, Brian Mayer, and Crystal Adams, "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*, New York: Springer, 2011.
55. Rachel Morello-Frosch, **Phil Brown**, Mercedes Lyson, Alison Cohen, and Kimberly Krupa, "Community Voice, Vision and Resilience in Post-Hurricane Katrina Recovery," *Environmental Justice*, 2011, 4:71-80. DOI: 10.1089/env.2010.0029.
56. Rachel Morello-Frosch, **Phil Brown**, Julia Green Brody, Rebecca Gasior Altman, Ruthann A. Rudel, Ami Zota, and Carla Perez, "Experts, Ethics, and Environmental Justice: Communicating and Contesting Results from Personal Exposure Science," In Gwen Ottinger and Benjamin Cohen (eds.) *Engineers, Scientists, and Environmental Justice*, Cambridge, MA: MIT Press, 2011. DOI: 10.7551/mitpress/9780262015790.001.0001.
57. **Phil Brown**, Rachel Morello-Frosch, Julia Green Brody, Rebecca Gasior Altman, Ruthann A. Rudel, Laura Senier, Carla Pérez and Ruth Simpson, "Institutional Review Board Challenges Related to Community-Based Participatory Research on Human Exposure to Environmental Toxins: A Case Study," *Environmental Health*, 2010, 9:39. DOI: 10.1186/1476-069X-9-39. PMCID: PMC2914003.
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62. Julia Green Brody, Rachel Morello-Frosch, Ami Zota, **Phil Brown**, Carla Pérez, and Ruthann A. Rudel, "Linking Exposure Assessment Science with Policy Objectives for Environmental Justice and Breast Cancer Advocacy: The Northern California Household

- Exposure Study,” *American Journal of Public Health*, 2009, 99:S600-S609. DOI: 10.2105/AJPH.2008.149088. PMCID: PMC2774181.
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## REPORTS

1. Sarah C. Dunagan, Julia G. Brody, Rachel Morello-Frosch, **Phil Brown**, Shaun Goho, Jessica Tovar, Sharylle Patton, and Rachel Danford, "When Pollution is Personal: Handbook for Reporting Results to Participants in Biomonitoring and Personal Exposure Studies," Newton, MA: Silent Spring Institute, 2013.
2. Laura Senier, Brian Mayer, **Phil Brown**, "Boston Public Schools Green Cleaners Project: Pilot Program Assessment," Report to Massachusetts Committee on Occupational Safety and Health and Boston Urban Asthma Coalition, 2005.
3. Christopher Sellers, Lindsey Dillon, Jennifer Liss Ohayon, Nick Shapiro, Marianne Sullivan, Chris Amoss, Stephen Bocking, **Phil Brown**, Vanessa De la Rosa, Jill Harrison, Sara Johns, Katherine Kulik, Rebecca Lave, Michelle Murphy, Liza Piper, Lauren Richter, Sara Wylie, and Environmental Data and Governance Initiative. "The EPA Under Siege: Trump's Assault in History and Testimony" Environmental Data and Governance Initiative. June 2017.
4. Britt S. Paris, Lindsey Dillon, Jennifer Pierre, Irene V. Pasquetto, Emily Marquez, Sara Wylie, Michelle Murphy, **Phil Brown**, Rebecca Lave, Chris Sellers, Becky Mansfield, Leif Fredrickson, Nicholas Shapiro, and Environmental Data and Governance Initiative "Pursuing a Toxic Agenda: Environmental Injustice in the Early Trump Administration." Environmental Data and Governance Initiative. September 2017.

## RESEARCH FUNDING

### Current

National Institute of Environmental Health Sciences "Health Assessment, Public Education, and Capacity-building in Communities Impacted by PFAS-contaminated Drinking Water" \$3,376,361. (Multiple PI. 2018-2023)

National Science Foundation "The New Chemical Class Activism: Mobilization Around Per- and Polyfluoralkyl Substances" \$499,901 (PI. 2018-2021)

National Institute of Environmental Health Sciences and Environmental Protection Agency "Center for Research on Early Childhood Exposure and Development in Puerto Rico (CRECE)" (\$4,999,537) (Co-PI and Core Co-Leader). 2015-2019.

National Institute of Environmental Health Sciences “Transdisciplinary Training at the Intersection of Environmental Health and Social Science” (T-32 Training Program) Phil Brown and Julia Brody, Multiple PIs. (\$865,034) 2015-2020 (PI).

National Science Foundation “Perfluorinated Chemicals: The Social Discovery of a Class of Emerging Contaminants” (\$343,163 plus \$41,230 Research Opportunities for Undergraduates Supplement) 2015-2018 (PI).

National Institute of Health “Data Sharing and Privacy Protection in Digital-Age Environmental Health Studies” (\$1,987,867) 2012-2017 (Co-PI).

Puerto Rican Testsite to Explore Contamination Threats (PROTECT)/Superfund Research Program (Approx. \$13.5 million) (NIEHS P42 Center) (Co-Director, Community Engagement Core and Co-Director, Research Translation Core). 2012-2019

#### Past

National Science Foundation “New Directions in Environmental Ethics: Emerging Contaminants, Emerging Technologies, and Beyond” (Training Program) (\$557,588) 2012-2016 (PI).

National Institutes of Health “Ethical and Legal Challenges in Communicating Biomonitoring and Personal Exposure Results to Participants” (\$1,826,012) 2009-2015 (Co-PI).

National Institute of Environmental Health Sciences “Virtual Consortium for Translational/Transdisciplinary Environmental Research: ‘Ethical and Legal Challenges in Communicating Individual Biomonitoring and Personal Exposure Results to Study Participants: Guidance for Researchers and Institutional Review Boards.’” (\$1,205,048) 2012-2015 (Co-PI).

Social Science-Environmental Health Interdisciplinary Collaborations-Conference Grant (NIEHS) (\$20,000) 2014-2015 (PI).

National Science Foundation “Northeast Ethics Education Partnership for Research Ethics/Cultural Competence Training” (\$400,000) 2013-2016 (Co-PI).

National Science Foundation “Doctoral Dissertation Research: Urban Food System Alternatives” (\$5,000) 2011-2012 (PI).

National Institute of Environmental Health Sciences and Environmental Protection Agency “Formative Center for the Evaluation of Environmental Impacts on Fetal Development - Children’s Environmental Health Center (\$2,289,097) 2009-2012 (Co-PI and Director of Community Outreach and Translation Core).

Brown University, Swearer Center for Public Service “The Community Environmental College of Rhode Island” (\$10,000) 2009-2010 (PI).

National Science Foundation “Flame Retardant Chemicals: Their Social Discovery as a Case Study for Emerging Contaminants” (\$432,676) 2009-2012 (PI).

Environmental Protection Agency, CARE grant awarded to the Environmental Justice League of Rhode Island (\$100,000) 2008-2010 (Co-PI).

National Institute of Environmental Health Sciences, Partnerships in Environmental Public Health supplement to “Linking Breast Cancer Advocacy and Environment Justice” (\$139,805) 2008-2009 (Co-PI).

National Institute of Environmental Health Sciences (Superfund Basic Research Program) Supplement to Community Outreach Core of “Reuse in RI: A State-Based Approach to Complex Exposures” (\$36,000) 2008-2009 (Co-PI).

National Science Foundation “Disaster, Resilience, and the Built Environment on the Gulf Coast” (\$749,420) 2007-2010 (Co-PI).

National Science Foundation “Katrina and the Built Environment: Spatial and Social Impacts” (\$99,800) 2005-2006 (Co-PI).

National Science Foundation “Micropatterned Nanotopography Chips for Probing the Cellular Basis of Biocompatibility and Toxicity” (\$1,200,000) 2005-2009 (Co-PI/Director of Social and Ethical Implications Core).

National Institute of Environmental Health Sciences (Superfund Basic Research Program) “Reuse in RI: A State-Based Approach to Complex Exposures” (\$11,520,320) 2005-2009; renewed (\$15,392,906) 2009-2014 (Co-PI/Community Outreach Core Director).

National Science Foundation “The ‘Research Right-to-Know’: Ethics and Values in Communicating Research Data to Individuals and Communities” (\$300,000) 2005-2008 (Co-PI).

National Institute of Environmental Health Sciences “Linking Breast Cancer Advocacy and Environment Justice” (\$959,800) 2004-2008 (Co-PI).

National Science Foundation “Doctoral Dissertation Research (Brian Mayer): Blue and Green Shades of Health: The Social Construction of Health Risks in the Labor and Environmental Movements” (\$7,500) 2004-2005 (PI).

National Science Foundation "Doctoral Dissertation Research (Patricia Widener): Transnational Activism, Oil Politics and Environmental Justice in Ecuador" (\$7,300) 2003-2004 (PI).

National Science Foundation “Blue and Green Shades of Health: The Social Construction of Health Risks in the Labor and Environmental Movements” (\$180,000) 2004-2007 (PI).

Salomon Research Grant “The Precautionary Principle” (\$10,000) 2002-2003 (PI).

National Science Foundation “Citizen-Science Alliances in Contested Environmental Diseases” (\$126,091) 2000-2003 (PI).

Robert Wood Johnson Foundation “Contested Illnesses - Disputes over Environmentally-Induced Disease” (\$249,973) 1999-2002 (PI).

Brown University Graduate School Small Grant “Contested Illnesses - Disputes over Environmentally-Induced Disease” (\$1,000) 1998-1999 (PI).

Brown University Graduate School Small Grant “Using a ‘Safety Index’ to Examine Injury Morbidity and Mortality” (\$1,800) 1996 (PI).

Henry J. Kaiser Family Foundation “Social Stratification and Environmental Health” (\$43,000) 1993-1994 (PI).

Littauer Foundation “The Catskills as a Repository of Jewish Culture” (\$5,000) 1993-1994 (PI).

Brown University Graduate School Small Grant “Community Response to Toxic Wastes” (\$1,500) 1992 (PI).

Wayland Collegium “Democracy, Science and Knowledge: The Participation of an Informed Public in Social Applications of Science and Technology” (\$50,000) 1986-1987 (PI).

Brown University Biomedical Research Support Grant (Various amounts in the \$3,000-\$5,000 range) 1980-1981, 1981-1982, 1983-1984, 1987-1988, 1988-1989.

#### Under Review

“Assessment of pediatric immunotoxicity, public education, and capacity-building in communities impacted by PFAS-contaminated drinking water” (NIEHS \$3,460,720; Northeastern portion \$626,638) Multiple PI

“The New Chemical Class Activism: Mobilization Around Per- and Polyfluorinated Compounds” (NSF \$499,901) PI

#### PAPERS PRESENTED AT PROFESSIONAL MEETINGS

March 26, 2018 Carmen M. Velez Vega, **Phil Brown**, Colleen Murphy, Hector Torres, Zulmarie Diaz, Nancy Cardona, Julia Brody, and Herb Sussman. “Developing Report-back for participants using Focus Groups and a Community Advisory Board” Northeast Regional Superfund Research Program Conference. Woods Hole Oceanographic Institute.

November 7, 2017 “Non-Stick Science: Sixty Years of Research and (In)Action on Fluorinated Compounds” Tufts University – College of Engineering.

August 13, 2017 “Critique of Liam Downey’s *Inequality, Democracy and the Environment*” – Author Meets Critics Session, American Sociological Association Annual Meeting, Montreal.

August 14, 2017 Tibrine da Fonseca, Lauren Richter, Alissa Cordner, **Phil Brown**, Marina Atlas, “From Community to Courtroom: Litigation, and Environmental Justice in the Case of PFAS Contamination,” American Sociological Association Annual Meeting, Montreal.

May 3, 2017 “Toxic Trespass and Emerging Contaminants: Science, Activism, and Policy Concerning Chemicals In Our Bodies” Conference on “Pollution, Environmental Justice, and Citizen Science” University of Warwick (UK).

April 28, 2017 “Non-Stick Science: Sixty Years of Research and (In)Action on Fluorinated Compounds” Conference on “Environmental Justice and the Future of Environmental Health Research” Rutgers University.

March 5, 2017 **Phil Brown** and Toly Rinberg. “Keeping Environmental Data Public.” Local Environmental Action Conference, Boston MA.

November 17, 2016 “Preparing the Environmental Health Community for Emerging Capabilities in Personal Environmental Exposure Measurements” National Academie of Science Conference on “Measuring Personal Environmental Exposures: Making Sense and Making Use of Emerging Capabilities” Washington DC

November 17, 2016 – Catherine Borkowski, Emily Zimmerman, and **Phil Brown**, “Educating Speech-Language Pathologists Working in Early Intervention on Environmental Health” American Speech-Language-Hearing Association Annual Meeting, Philadelphia, PA.

November 2, 2016. Carmen Velez-Vega, Colleen Murphy Vellena, and **Phil Brown**, “Community Engagement and Research Translation in Puerto Rico’s Northern Karst Region: The PROTECT Superfund Research Program” American Public Health Association, Denver CO

August 22, 2016. “Science, Movements, and Social Inequality” American Sociological Association Annual Meeting, Seattle WA

August 21, 2016. Author Meets Critic – Dorceta Taylor, *Toxic Communities*. American Sociological Association Annual Meeting, Seattle WA

August 20, 2016. Elicia Cousins, Lauren Richter, Alissa Cordner, and **Phil Brown**, “Risky Business? Consumer, Manufacturer, and Retailer Approaches To Reducing Re-Emerging Chemical Exposures.” American Sociological Association Annual Meeting, Seattle WA

August 20, 2016. Lauren Richter, Alissa Cordner, and **Phil Brown** “The Sticky Science of Non-Stick Chemicals: Forty Years of Research and (In)Action on Fluorinated Compounds.” American Sociological Association Annual Meeting, Seattle WA

Carmen M. Vélez Vega, **Phil Brown**, PhD, Colleen Murphy, Community Engagement and Research Translation: The PROTECT Program, Plenary Presentation at CDC Global Health Research Center Annual Symposium at University of Rochester, NY, April, 2016

Carmen M. Vélez Vega, **Phil Brown**, and Colleen Murphy, Exposición Diferenciada a la Contaminación Ambiental, como Determinantes Sociales de la Salud Materno Infantil en la Zona del Karso en Puerto Rico: De la traducción de hallazgos a la ciencia ciudadana, Presentation at the International Union of Health Promotion (IUIPES), Curitiba, Brazil, May, 2016

November 18, 2015 – Julia Brody, Herb Susmann, Ruthann Rudel, Rachel Morello-Frosch, and **Phil Brown**, “Telling Participants About Personal Exposure to Chemicals - DERBI – a digital tool for report-back. Superfund Research Program Annual Meeting. San Juan, Puerto Rico.

January 22, 2015 - **Phil Brown**, "A Lake in the Other Room: Site-specific Memory, Trauma, and the Imagination in Art, Literature, and Medicine." “Memories of the Jewish Catskills” Conference, Radcliff Institute: Cambridge, MA.

December 2, 2014 - **Phil Brown**, “Transdisciplinary Collaborations to Increase Awareness of Preterm Birth in Puerto Rico: Lessons Learned from PROTECT Participants and the US Community” Conference on Transdisciplinary Collaborations: Evolving Dimensions of US and Global Health Equity,” NIMHD: National Harbor, MD.

November 21, 2014 - **Phil Brown**, “Community Science and Public Policy: Lessons from Biomonitoring and Household Exposure Studies.” Conference on “A Relational Model for Understanding the Use of Research in Public Policy,” Arlington, VA: National Science Foundation.

August 16, 2014 - **Phil Brown**, “Sociologists Collaborating with Environmental Health Scientists to Prevent Exposure and Disease.” American Sociological Association.

April 10, 2014 - **Phil Brown**, “Exposure Citizenship and the Socio-Exposome” Conference on “Conceptualizing Environmental Exposure,” Chemical Heritage Foundation, Philadelphia, PA.

February 10, 2014 - **Phil Brown**, “The State of Citizen Science: Revisiting Popular Epidemiology, Citizen Monitoring, and Other Innovations.” Conference on “Community Epidemiology Investigations at Hazardous Waste Sites,” Brooklyn Law School.

December 17-19, 2013 - Alissa Cordner and **Phil Brown**, “Flame Retardants as a Prompt to Chemical Reform in the United States: A Multisector Alliance.” Democratization of Risk Governance, Tel Aviv University and Bar-Ilan University.

November 17-21, 2013 - Liza Anzalota, J.D. Meeker, D.R. Kaeli, Akram Alshawabkeh, **Phil Brown**, Carmen Velez-Vega, D. Cantonwine, L. Rivera-Gonzalez, B. Jimenez-Velez, Jose Cordero, "Puerto Rico Testsite for Exploring Contamination Threats (PROTECT): Recruitment Profile and its Impact on Community Engagement." Society of Environmental Toxicology and Chemistry (SETAC) North America 34th Annual Meeting, Nashville, TN.

October 16, 2013 - James W Rice, Eric M Suuberg, Kelly G Pennell, Symma Finn, **Phil Brown**, and Beth Anderson, "Social, Psychological, and Economic Impacts of Superfund and Other Contaminated Sites: What Should Future Research Agendas and Ideal Research Teams Consist Of?" Superfund Research Program Annual Meeting.

July 30, 2013 - **Phil Brown**, "Social Science Approaches to Environmental Health." Partnerships in Environmental Public Health (National Institute of Environmental Health Sciences) Conference on "Environmental Health Disparities and Environmental Justice."

Oct. 28-Nov. 1, 2012 - Julia Brody, Rachel Morello-Frosch, S.C. Dunagan, S. Goho, J. Varshavsky, **Phil Brown**, Sharylle Patton, Robin Dodson, "Research Right to Know in Biomonitoring and Personal Environmental Exposure Studies." International Society of Exposure Science 22nd Annual Meeting, Westin Seattle, Seattle, WA.

October 31, 2012 - Alissa Cordner, Margaret Mulcahy and **Phil Brown**, "'What's More Un-green Than a Fire?' Alliances between the Public Health, Environmental, and Firefighting Communities." American Public Health Association Annual Meeting.

October 18, 2012 - Alissa Cordner, Margaret Mulcahy and **Phil Brown**, "Flame Retardant Activism and Policy." Society for the Social Study of Science.

August 20, 2012 - Alissa Cordner, Margaret Mulcahy, and **Phil Brown**, "Playing with Fire: The World of Flame Retardant Activism and Policy." American Sociological Association Annual Meeting.

August 20, 2012 - **Phil Brown**, "Research Protections for Communities and Cultural Groups." Policy and Research Workshop, American Sociological Association Annual Meeting.

August 20, 2012 - **Phil Brown**, "From Popular Epidemiology to Contested Illnesses and Health Social Movements: Pathways in the Integration of Medical and Environmental Sociology" (Award Talk). American Sociological Association Annual Meeting.

August 17, 2012 - **Phil Brown**, Gayle Sulik, "Pink Ribbon Blues: How Breast Culture Undermines Women's Health." Author Meets Critics Session, American Sociological Association Annual Meeting.

February 12, 2012 - **Phil Brown** and Alissa Cordner, "Scientific, Social, and Political Moments of Uncertainty in Flame Retardant Regulation." Green Science Policy Symposium

-- The Fire Retardant Dilemma: Do Flame Retardants Save Lives?, University of California-Berkeley.

August 21, 2011 - **Phil Brown**, Mercedes Lyson, and Tania Jenkins, "From Diagnosis to Social Diagnosis." American Sociological Association Annual Meeting.

August 21, 2011 - Alissa Cordner and **Phil Brown**, "Moments of Uncertainty: Ethical Considerations and Emerging Contaminants." American Sociological Association Annual Meeting.

November 1 2010 - Alissa Cordner, **Phil Brown**, and Rachel Morello-Frosch, "Impact of Biomonitoring Research on Activism and Regulation of Flame Retardant Chemicals." American Public Health Association Annual Meeting.

August 28, 2010 - Alissa Cordner and **Phil Brown**, "Boundary-Work at the Nexus of Science, Activism, and Policy Concerning Flame Retardants." Society for the Social Study of Science Annual Meeting.

August 14, 2010 - Alissa Cordner and **Phil Brown**, "Citizenship and Science: The Challenge of the Environment." Panel Organizer and Commentator, American Sociological Association Annual Meeting.

August 8, 2009 - **Phil Brown**, "Author Meets Critics" panel on Phil Brown's *Toxic Exposures: Contested Illnesses and the Environmental Health Movement*. American Sociological Association Annual Meeting.

June 2009 - Alison Cohen, Alison Waters, and **Phil Brown**, "Superfund and Environmental Justice Education: Teaching Johnston and North Providence Middle School Students about Their Local Environment and Subsequent Evaluation of Program Effectiveness." National Environmental Health Association 2009 Conference, Atlanta, GA.

August 2, 2008 – Brian Mayer, **Phil Brown**, and Laura Senier, "Health, Labor, & the Environment." American Sociological Association Annual Meeting.

April 16, 2008 - **Phil Brown**, Julia Green Brody, Rebecca Altman, Ruthann Rudel, and Carla Perez, "Experts, Ethics, and Environmental Justice: New Approaches to Reporting on Body Burden and Household Exposure Data." Association of American Geographers Annual Meeting.

April 16, 2008 - Rachel Morello-Frosch and **Phil Brown**, "Emerging Collaborations Between Environmental Justice and Breast Cancer." Association of American Geographers Annual Meeting.

December 4, 2007 - **Phil Brown**, Laura Senier, Elizabeth Hoover, Crystal Adams, Rebecca Tillson, Alison Cohen, "Building Stakeholder Involvement in Brownfields Redevelopment: Crafting a Statewide Policy to Ensure Environmental Justice and Stakeholder Equity." NIEHS Superfund Basic Research Program Annual Meeting, Durham, NC.

October 2007 - **Phil Brown**, Laura Senier, Rachel Morello-Frosch, Rebecca Altman, Elizabeth Hoover, and Crystal Adams, “New Directions in Theory and Methods for Studying Health Social Movements.” University of Michigan Health Social Movements Conference.

October 2007 – Rachel Morello-Frosch, Rebecca Altman, Laura Senier, and **Phil Brown**, “Research In Communities, With Communities: Case Studies Linking Research and Action in STS.” Society for the Social Study of Science Annual Conference.

August 2007 - Rebecca Gasior Altman, Rachel Morello-Frosch, Julia Greene Brody, Ruthann Rudel, **Phil Brown**, and Mara Averick, “Pollution Comes Home and Gets Personal: Women’s Experience of Household Toxic Exposure.” American Sociological Association Annual Meeting.

August 2007 - Laura Senier, **Phil Brown**, Benjamin Hudson, Sarah Fort, Elizabeth Hoover, and Rebecca Tillson, “The Brown Superfund Basic Research Program: A Multistakeholder Partnership Addresses Real-World Problems in Contaminated Communities.” American Sociological Association Annual Meeting.

December 5, 2006 – **Phil Brown**, Laura Senier, and Elizabeth Hoover, “A Model Home Equity Loan Program for Areas with Highly Contaminated Property.” National Environmental Public Health Conference.

August 14, 2006 – Laura Senier, Brian Mayer, and **Phil Brown**, “School Custodians and Green Cleaners: New Approaches to Labor-Environment Coalitions.” American Sociological Association Annual Meeting.

August 11, 2006 – Rachel Morello-Frosch, Julia Green Brody, Margaret Frye, **Phil Brown**, Rebecca Gasior Altman, Ruthann A. Rudel and AJ Napolis, “The Right to Know, the Right to Act, and the Right Not-to-Know: Ethical and Scientific Dilemmas of Reporting Data in Biomonitoring and Environmental Exposure Studies.” American Sociological Association Annual Meeting.

August 14, 2005 – Brian Mayer and **Phil Brown**, “Constructing a Frame Pyramid in a Cross-Movement Coalition: New Jersey’s Labor-Environmental Alliance.” American Sociological Association Annual Meeting.

November 8, 2004 – Dianne Quigley, **Phil Brown**, Linda Silka, and Steve Wing, “Community Research Ethics for Environmental/Public Health.” American Public Health Association Annual Meeting.

October 30, 2004 – **Phil Brown**, Rachel Morello-Frosch, and Rebecca Gasior Altman, “Linking Breast Cancer Advocacy and Environmental Justice.” Conference on “Science, Technology, and the Environment,” Rensselaer Polytechnic Institute, Troy, NY.

October 20, 2004 - Rachel Morello-Frosch, Stephen Zavestoski, **Phil Brown**, Rebecca Gasior, Sabrina McCormick, Brian Mayer, and Laura Senier, “Embodied Health Movements:

Social Movement Responses to a Scientized World.” Conference on “Environmental Justice: Politics, History, and Health,” Drexel University.

August 15, 2004 – Rachel Morello-Frosch, Stephen Zavestoski, **Phil Brown**, Brian Mayer, Sabrina McCormick, and Rebecca Gasior Altman, “Embodied Health Movements: Responses to a ‘Scientized’ World.” American Sociological Association Annual Meeting.

November 17, 2003 – **Phil Brown**, Sabrina McCormick, Brian Mayer, Steve Zavestoski, Rachel Morello-Frosch, Rebecca Gasior, and Pamela Webster, “Science, Knowledge, and Environmental Causation of Breast Cancer.” American Public Health Association Annual Meeting.

October 18, 2003 – **Phil Brown**, Stephen Zavestoski, Sabrina McCormick, Brian Mayer, Rachel Morello-Frosch, and Rebecca Gasior, “Health Social Movements and Contested Illnesses.” Society for the Social Study of Science Annual Meeting.

August 18, 2003 – **Phil Brown**, Stephen Zavestoski, Sabrina McCormick, Brian Mayer, Rachel Morello-Frosch, and Rebecca Gasior, “Embodied Health Movements: Uncharted Territory in Social Movement Research.” American Sociological Association Annual Meeting.

March 1, 2003 – **Phil Brown**, “The Sociologist in the Catskills.” Eastern Sociological Society Annual Meeting.

August 18, 2002 – **Phil Brown**, “Author Meets Critic” – Theodore Marmor, *The Politics of Medicare* (revised edition). American Sociological Association Annual Meeting.

August 18, 2002 – **Phil Brown**, Brian Mayer, Stephen Zavestoski, Sabrina McCormick, and Pamela Webster, “Policy Outcomes for Contested Environmental Diseases.” American Sociological Association Annual Meeting.

August 18, 2002 – Stephen Zavestoski, **Phil Brown**, Sabrina McCormick, Brian Mayer, Maryhelen D’Ottavi, and Jaime Lucove, “Illness Experience and Patient Activism: Gulf War-related Illness and Other Medically Unexplained Physical Symptoms.” American Sociological Association Annual Meeting.

August 17, 2002 – **Phil Brown**, Sabrina McCormick, Steve Zavestoski, and Brian Mayer, “Science, Knowledge, and Environmental Causation of Breast Cancer.” American Sociological Association Annual Meeting.

August 14, 2002 – **Phil Brown**, Stephen Zavestoski, Sabrina McCormick, and Brian Mayer, “Health Social Movements: Uncharted Territory in Social Movement Research.” “Authority in Contention” Conference of the Collective Behavior and Social Movements Section of the American Sociological Association, Notre Dame University.

November 3, 2001 – **Phil Brown**, Steve Zavestoski, Sabrina McCormick, Brian Mayer, Joshua Mandelbaum, and Theo Luebke, “Something in the Air: Citizen-Science Alliances

and the Dispute over Environmental Factors in Asthma.” Society for the Social Study of Science Annual Meeting.

October 24, 2001 – Sabrina McCormick, Ruth Polk, Julia Brody, and **Phil Brown**, “Public Involvement in Breast Cancer Research: An Analysis and Model for Future Research.” American Public Health Association Annual Meeting.

October 23, 2001 – **Phil Brown**, “‘Who’s Got the Cause’: Citizen-science Alliances on Environmental Health Research.” American Public Health Association Annual Meeting.

October 23, 2001 – **Phil Brown**, Steve Zavestoski, Sabrina McCormick, Brian Mayer, Joshua Mandelbaum, Theo Luebke, and Meadow Linder, “Gulf War Illnesses: Toxics, Stress, and Other Approaches to Mysterious Ailments.” American Public Health Association Annual Meeting.

August 21, 2001 – Joshua Mandelbaum, **Phil Brown**, and Sabrina McCormick, “Race, Class, and Contested Illnesses: A Comparison of the Environmental Breast Cancer Movement and the Environmental Asthma Movement.” American Sociological Association Annual Meeting.

August 20, 2001 – Sabrina McCormick and **Phil Brown**, “The Personal is Scientific, the Scientific is Political: The Environmental Breast Cancer Movement.” American Sociological Association Annual Meeting.

August 20, 2001 – **Phil Brown**, Brian Mayer, and Meadow Linder, “Moving Further Upstream: From Toxics Reduction to the Precautionary Principle.” American Sociological Association Annual Meeting.

August 19, 2001 – **Phil Brown**, Steve Zavestoski, Theo Luebke, Joshua Mandelbaum, Sabrina McCormick, and Brian Mayer, “The Politics of Asthma Suffering: Environmental Justice and the Social Movement Transformation of Illness Experience.” American Sociological Association Annual Meeting.

July 6, 2001 - Stephen Zavestoski, **Phil Brown**, and Sabrina McCormick, “Gendered Bodies and Disease: Environmental Breast Cancer Activists’ Challenges to Science, the Biomedical Model, and Policy.” International Sociological Association, Research Committee 24 Conference, Cambridge, UK.

July 5, 2001 - Sabrina McCormick and **Phil Brown**, “Contesting Paradigms of Breast Cancer: The Alliance of Activism and Research.” International Sociological Association, Research Committee 24 Conference, Cambridge, UK.

March 10, 2001 – **Phil Brown**, “The Larger Impact of Toxic Struggles: How Will the Toxics Movement be Written about in Your Children’s Textbooks?” Toxics Action Center Annual Conference.

November 18, 2000 – **Phil Brown**, “Memory and History: Understanding the Legacy of State Hospitals.” Conference on “The State Hospital: In Memoriam,” Smith College.

November 13, 2000 – **Phil Brown**, “Contested Environmental Illnesses: Citizen-Science Alliances and the Challenge to the Dominant Epidemiological Paradigm.” American Public Health Association Annual Meeting.

August 15, 2000 - **Phil Brown**, Steve Zavestoski, Sabrina McCormick, Joshua Mandelbaum, Aracely Alicea, and Theo Luebke, "Print Media Coverage of Environmental Causation of Breast Cancer." American Sociological Association Annual Meeting.

August 14, 2000 - **Phil Brown**, Steve Zavestoski, Sabrina McCormick, Joshua Mandelbaum, Theo Luebke, Meadow Linder, and Aracely Alicea, "A Gulf of Difference: Disputes over Gulf War-related Illnesses." American Sociological Association Annual Meeting.

November 7, 1999 – **Phil Brown**, “A Century of Catskills History.” Rhode Island Jewish Historical Society.

June 25, 1999 – **Phil Brown**, “Contested Environmental Illnesses: Knowledge, Power, and Social Inequalities.” Conference on The Role of Lay Knowledge and Social Activism in Public Health: Exploring the Research Agenda, University of Salford, Manchester, England.

August 16, 1996 - **Phil Brown**, Desiree Ciambrone, and Lori Hunter, "Does Green Mask Gray?: Environmental Equity Issues at the Metropolitan Level." American Sociological Association Annual Meeting.

March 31, 1995 - Martha Lang and **Phil Brown**, "Skepticism, Acknowledgement, and Reinstatement; Psychiatry's Response to Neuroleptic Malignant Syndrome." Eastern Sociological Society Annual Meeting.

October 31, 1994 - **Phil Brown**, Peter Conrad, Jonathan Howland, Nicole Bell, and Martha Lang, "State Level Clustering of Safety Measures and Its Relationship to Injury Mortality." American Public Health Association Annual Meeting.

October 31, 1994 – **Phil Brown**, "Race, Class, and Environmental Health." American Public Health Association Annual Meeting.

September 11, 1994 – **Phil Brown**, "Scientific Evidence Versus the Experiential Perspective on the Health Effects of Low-Dose Radiation." Hanford Health Information Network, Conference on Radiation Health Effects and Hanford.

August 9, 1994 – **Phil Brown**, "Integrating Environmental Sociology and Medical Sociology." American Sociological Association Annual Meeting.

September 17, 1993 – **Phil Brown**, "Popular Epidemiology and the Discovery of Environmental Hazards." Environmental Health Network Annual Conference.

August 15, 1993 – **Phil Brown**, "The Social Construction of Diagnosis and Illness."  
American Sociological Association Annual Meeting.

August 21, 1992 - **Phil Brown** and Faith Ferguson, "Women and Toxic Waste Activism."  
American Sociological Association Annual Meeting.

November 25, 1991 – **Phil Brown**, "Self-Care Beliefs and Practices of Elderly People."  
Gerontological Society of America Annual Meeting.

August 23, 1991 – **Phil Brown**, "Health Care Rationing: A Sociological Perspective."  
American Sociological Association.

August 15, 1990 – **Phil Brown**, "Negotiated Interaction in the Psychiatric Walk-in Clinic."  
American Sociological Association Annual Meeting.

August 15, 1990 – **Phil Brown**, "Public Reaction to Toxic Waste Contamination: Analysis of  
a Social Movement." American Sociological Association Annual Meeting.

August 12, 1989 – **Phil Brown**, "'Some of These Questions May Sound Silly': Empirical  
Standardization versus Clinical Application of the Mental Status Examination." American  
Sociological Association Annual Meeting.

August 27, 1988 – **Phil Brown**, "Conflicts between Lay and Professional Approaches to  
Environmental Health Risks." American Sociological Association Annual Meeting.

August 30, 1986 – **Phil Brown**, "Diagnostic Uncertainty in Psychiatry." American  
Sociological Association Annual Meeting.

August 26, 1986 – **Phil Brown**, "Corporate Trends in Mental Health Care." Commentator on  
panel on "Advocacy in the Mental Health System." Society for the Study of Social Problems  
Annual Meeting.

August 30, 1985 – **Phil Brown**, "Tardive Dyskinesia: Problems in the Recognition of an  
Iatrogenic Illness." American Sociological Association Annual Meeting.

June 15, 1984 – **Phil Brown**, "Psychiatric Treatment Refusal, Patient Competence, and  
Informed Consent." Tenth International Congress on Law and Psychiatry.

September 2, 1983 – **Phil Brown**, "The Effects of Mental Patients' Rights on Psychiatric  
Hospital Staff." American Sociological Association Annual Meeting.

September 4, 1982 – **Phil Brown**, "The Right to Refuse Treatment: Social Movements,  
Psychiatric Power, and Institutional Resistance." Society for the Study of Social Problems.

August 22, 1981 – **Phil Brown**, "Medicalization and the Reorganization of the Mental  
Health Sector in the U.S." Society for the Study of Social Problems Annual Meeting.

April 25, 1981 – **Phil Brown**, "Professional, Activist, and Lay Attitudes toward Mental Patients' Rights: A National Survey." Massachusetts Sociological Association Spring Meeting.

August 24, 1980 – **Phil Brown**, "The Mental Patients' Rights Movement and Mental Health Institutional Change." Society for the Study of Social Problems Annual Meeting.

November 3, 1979 – **Phil Brown**, "Social Implications of Deinstitutionalization." Massachusetts Sociological Association Fall Meeting.

### INVITED LECTURES

October 23, 2015 “Toxic Trespass: Science, Activism, and Policy Concerning Chemicals In Our Bodies,” Wilson Centre, University of Toronto Medical School

April 23, 2014 - “Toxic Trespass: Science, Activism, and Policy Concerning Chemicals In Our Bodies,” University of Miami, Department of Sociology.

April 15, 2014 - “Health Social Movements” Life Science Foundation, Cambridge, MA.

March 9, 2014 - “Blue-Green Alliances” *New Solutions* book release workshop, Brookline, MA

February 26, 2014 - “A Summer Eden: The Jewish Experience in the Catskills” Ohio State University, Melton Center for Jewish Studies.

February 10, 2014 – “Community Epidemiology Investigations at Hazardous Waste Sites” Brooklyn Law School.

November 7, 2011 – “Engaged Scholarship in the Sciences: Community-Based Research, Service Learning, Grants, and Publications” Tulane University.

April 26-27, 2010 - “Community Partnership for Environmental Justice in Rhode Island” NIEHS Partnerships in Environmental Public Health Conference.

August 29, 2008 – “Creating and Running the Contested Illnesses Research Group” Brandeis University, Department of Sociology.

November 12, 2008 – “Toxic Exposures: Contested Illnesses and the Environmental Health Movement” Boston University School of Public Health.

May 15, 2008 – “Contested Illnesses and Medically Unexplained Illnesses” Columbia University, Department of Psychiatry.

August 29, 2008 – “Creating and Running the Contested Illnesses Research Group” Brandeis University, Department of Sociology.

November 12, 2008 – “Toxic Exposures: Contested Illnesses and the Environmental Health Movement” Boston University School of Public Health.

May 15, 2008 – “Contested Illnesses and Medically Unexplained Illnesses” Columbia University, Department of Psychiatry.

October 25, 2007 – “The Catskills in Film” Museum of the American Jewish Heritage, New York.

February 11, 2006 – “Jewish Summer Vacationing” Jewish Museum of Maryland.

September 7, 2006 – “Environmental Justice” University of Rhode Island, Narragansett Campus, Metcalf Diversity in Reporting Fellows.

February 10, 2006 – “Biomonitoring and Right-to-Know” California Department of Health Services.

October 27, 2005 – “Embodied Health Movements” Smith College.

October 19, 2004 – “Health Social Movements and Cities” Hunter College/CUNY Graduate Center.

April 10, 2003 – “A Summer Eden: The Jewish Experience in the Catskills” Rutgers University, Bildner Center for the Study of Jewish Life.

April 10, 2003 – “Contested Environmental Illnesses: Citizen-Science Alliances and the Challenge to the Dominant Epidemiological Paradigm” Rutgers University, Institute for Health, Health Care Policy and Aging Research.

March 25, 2003 – “The Politics of Asthma Suffering: Environmental Justice and Collective Illness Experience” University of North Carolina, Greensboro, Department of Sociology.

March 24, 2003 – “Contested Environmental Illnesses: Citizen-Science Alliances and the Challenge to the Dominant Epidemiological Paradigm” University of North Carolina, Chapel Hill, Department of Epidemiology.

August 6, 2002 – “Contested Environmental Illnesses.” National Institute of Environmental Health Sciences.

October 3, 2001 – “The History of Jewish Life in the Catskills” SUNY New Paltz.

April 25, 2000 – The Dr. Maurice Sitomer Lecture: “A Summer Eden: The Jewish Experience in the Catskills” Vassar College.

August 11, 1999 - "The Jewish Catskills: Memories of the Century" Ethelbert Crawford Public Library, Monticello, NY.

November 12, 1998 - "Citizen Detection of Environmental Problems" Tufts University, Department of Urban and Environmental Policy.

March 4, 1998 - "Contested Illnesses: Lay, Professional, and Governmental Perspectives on Environmentally Induced Diseases" Rensselaer Polytechnic Institute, Department of Science, Technology and Society.

December 6, 1997 - "Emergent Illnesses, Social Constructionism, and Popular Epidemiology" Emory University, Center for the Study of Public Scholarship.

October 29, 1996 - "Lay Involvement in Identifying Toxic Waste-Induced Diseases" Tufts Medical School.

April 28, 1996 - "Popular Epidemiology: An Informed Citizenry and a Democratic Science" Evergreen State College, Olympia, WA.

November 7, 1995 - "Catskill Culture: The Jewish American Resort Experience" Dartmouth College, Department of Asian Studies.

December 19, 1994 - Harvard School of Public Health. "Social Inequalities and Environmental Health."

October 19, 1993 - "Research Silences in the Relationship between Environment and Cancer" Harvard School of Public Health.

April 12, 1993 - "Science, Democracy, and Knowledge: The Toxic Waste Movement Challenges Traditional Science" Massachusetts Institute of Technology, Program in Science, Technology and Society.

June 25, 1992 - "The Political-Economy of the Mental Health System" University of Pennsylvania, Department of Psychiatry.

October 23, 1991 - "Popular Epidemiology and Toxic Waste Contamination" Tufts Medical School, The Health Institute.

October 18, 1991 - "Pumps and Dumps: Popular Epidemiology and the Discovery of Environmental Hazards" New York University, Committee on Theory and Culture.

May 10, 1991 - "The Ins and Outs of Institutions" VA Medical Center, Castle Point, NY.

February 28, 1991 - "Popular Epidemiology and Toxic Waste Contamination" Tufts University, Community Health Program.

December 3, 1990 - "Lay Contributions to Environmental Epidemiology" Cornell University, Program in Science, Technology, and Society.

November 19, 1990 - "Popular Epidemiology and Toxic Waste Contamination: New Science and New Social Movements" Rutgers University, Robert Wood Johnson Medical School, Department of Community and Environmental Medicine, Piscataway, NJ.

July 24, 1990 - "Psychosocial Effects of Toxic Waste Contamination" National Academy of Sciences, Committee on Environmental Epidemiology, Woods Hole, MA.

June 1, 1990 - "Mental Health Policy and Biopsychiatry" Conference on Asylum: Deinstitutionalization, Worcester State Hospital, Worcester, MA.

April 17, 1989 - "Risk Reporting in the Mass Media" Harvard School of Public Health, Boston, MA.

November 12, 1987 - "Mental Health Policy - Planned or Unplanned" The Providence Center, Providence, RI.

October 29, 1987 - "'The Transfer of Care' Psychiatric Deinstitutionalization and its Aftermath" New England Conference of National Council of Community Mental Health Centers, Newport, RI.

June 19, 1987 - "The Search for Safeguards: Safeguarding Professional Judgement: The Example of Tardive Dyskinesia" Education for Community Initiatives, Holyoke, MA.

May 15, 1984 - "The Changing Mental Health System - General Hospitals" Rhode Island Hospital, Psychiatry Department.

June 2, 1978 - "Mental Health Policy Problems" Horizon House Institute, Conference on "The Community Imperative," a deinstitutionalization project jointly funded by the National Institute of Mental Health and National Endowment for the Humanities, Washington, D.C.

April 29, 1977 - "The Political Economy of Social Services" Boston University School of Social Work, 10th Annual Conference.

November 14, 1975 - "Marxism and Psychology" University of Massachusetts, Amherst, Economics Department Graduate Students Colloquium.

September 20, 1974 - "Social-Psychological Aspects of Power and Powerlessness" Delaware Valley Mental Health Foundation, Third Annual Symposium, Doylestown, PA.

November 16, 1972 - "The Radical Therapy Movement" University of British Columbia, Vancouver, Graduate Student Association Lecture Series.

March 13, 1972 - "Patients' Rights in the Hospital" Research Department Workshop, Harrisburg State Hospital, Harrisburg, PA.

#### REVIEW PANELS

NIEHS K-Awards November 29-30, 2012

NIEHS Superfund Research Program: November 1-2, 2012  
 NIEHS Deepwater Horizon Oil Spill Centers: 2011  
 NIEHS Conference Grants: June 30, 2010; June 4, 2013  
 NIH Building Sustainable Community-Linked Infrastructure to Enable Health Science  
 Research/CRI Centers: March 25-26, 2010  
 NIEHS Environmental Health Core Centers: 2009, 2010, 2011  
 NSF Science and Technology Studies Program, Sociology Program 2008-Present

#### SERVICE TO NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES

Planning Committee, Superfund Research Program Annual Conference December 6-8, 2017  
 Member of National Advisory Environmental Health Council (NIEHS Council): 2014-  
 Present  
 Member of Evaluation Committee for Environmental Health Science Core Centers: 2014-  
 2015  
 Host Committee, Superfund Research Program Annual Conference: November 2015  
 Planning Committee, Conference on Social, Psychological, and Economic Impacts of  
 Hazardous Waste: May 9-10, 2012  
 Planning Committee Children's Environmental Health Center Annual Meeting: March 6-7,  
 2012  
 Contributor to and Reviewer of "Evaluation Metrics Manual" 2010  
 Partnerships in Environmental Public Health Material Requirements Focus Group  
 Teleconference: September 12, 2010  
 Planning Committee, Formation of Partnerships in Environmental Public Health: June 30 –  
 July 1, 2008

#### PODCASTS AND WEBINARS

Children's Environmental Health Center Webinar "Hospitals for a Healthy Environment"  
 February 13, 2013  
 NIEHS Partnerships in Environmental Public Health podcast "School Siting on  
 Contaminated Land" January 14, 2013  
 NIEHS Partnerships in Environmental Public Health Webinar "ECO Youth: Education and  
 Community Advocacy by Providence High School Students" June 2, 2011

#### EDITORIAL BOARDS

##### Current

*Sociology of Health and Illness*  
*Environmental Sociology*

##### Past

*Journal of Health and Social Behavior*  
*The American Sociologist*  
*Health*  
*Social Science and Medicine*  
*Contexts*  
*International Journal of Health Services*

## OTHER MAJOR ACTIVITIES

Co-founder and President of the Catskills Institute, a non-profit organization that studies the history and culture of American Jews in the Catskill Mountains (1994-Present). This organization ran 13 annual History of the Catskills Conferences, publishes a newsletter, operates a website, maintains a major archive, and produces museum exhibits.

Chair, Medical Sociology Section of the American Sociological Association, 1996-7.

Chair, Environment and Technology Section of the American Sociological Association, 2003-2005.

Guest editor, special section on “The Contributions of Sol Levine,” *Social Science and Medicine* 1999.

Guest editor, special issue on “Health and the Environment,” *Annals of the American Academy of Political and Social Science* November 2002.

Guest editor, special issue on “Social Movements in Health,” *Sociology of Health and Illness* 2004.

Founder of Hospitals for a Healthy Environment in Rhode Island, 2011. Statewide alliance of hospitals, hospital associations, professional associations, food groups, government agencies, and others involved in environmental sustainability in the health care system. Has held four annual conferences.

Guest Editor, special issue on” Social Science-Environmental Health Collaborations” *New Solutions*, 2016.

Co-Founder, Director of Development, and Steering Committee member of Environmental Data and Governance Initiative (EDGI). The Environmental Data and Governance Initiative (EDGI) <https://envirodatagov.org/> is an international network of academics and non-profits addressing potential threats to federal environmental and energy policy, and to the scientific research infrastructure built to investigate, inform, and enforce. EDGI builds online tools, events, and research networks to proactively archive public environmental data and ensure its continued publicly availability. EDGI monitors changes to federal regulation, enforcement, research, funding, websites and general agency management at EPA, DoE, NASA, NOAA, and OSHA. EDGI also produces many report and develops a model for future democratic environmental governance.

## HONORS

2015 Recipient of the Practice and Outreach Award, American Sociological Association  
Environment and Technology Section

2012 Recipient of the Leo G. Reeder Award for Distinguished Contribution to Medical  
Sociology, American Sociological Association Medical Sociology Section

2006 Recipient of the Fred Buttel Distinguished Contribution to Environmental Sociology Award, American Sociological Association Environment and Technology Section  
1985-1986 Peter Livingston Fellowship, Harvard Medical School, Department of Psychiatry  
1981-1982 Lilly Endowment Teaching Fellow  
1976-1979 Danforth Foundation Fellow

## RESEARCH IN PROGRESS

### Articles under review

Michael Welton, Colleen B. Murphy, **Phil Brown**, Elle Russell, Carmen M. Velez Vega, Zaira Rosario, Hector Torres, John Meeker, Akram Alshawabkeh, José F. Cordero  
“Impact of Hurricanes Irma and Maria on Puerto Rico Maternal and Child Health Research Programs”

Elicia Cousins, Alissa Cordner, Lauren Richter, and **Phil Brown**, “Risky Business? Manufacturer and Retailer Action to Remove Per- and Polyfluorinated Chemicals from Consumer Products”

Lourdes Vera, Lindsey Dillon, **Phil Brown**, Christopher Sellers, Aaron Lemelin, Jennifer Ohayon, Sara Wylie, Dawn Walker, and the Environmental Data and Governance Initiative  
“Data Resistance: The Work of the Environmental Data and Governance Initiative”

### Research in data gathering or writing stage

Alissa Cordner, **Phil Brown**, and Lauren Richter “Environmental Chemicals and Public Sociology: Engaged Scholarship on Highly Fluorinated Compounds”

Clare Malone, Phil Brown, and Alan Ducatman “Participant Satisfaction in the C8 Study of PFOA”

Serena B. Ryan, Julia Green Brody, **Phil Brown**, Rachel Morello-Frosch, and Sharyle Patton, “Open Profile Biomonitoring: Personalizing Chemical Exposure Data to Activate Social Change”

Tibrine da Fonseca, Lauren Richter, Alissa Cordner, **Phil Brown**, and Cole Alder “From Community to Courtroom: Litigation, and Environmental Justice in the Case of PFAS Contamination”

Jennifer Ohayon, Alissa Cordner, Lauren Richter, **Phil Brown**, and Cole Alder “Community Activism on PFAS Contamination”

**Phil Brown**, Alissa Cordner, Jamie DeWitt, Sue Fenton, Chris Higgins, Lauren Richter, Ruthann Rudel, and Laurel Schaidler, “Toxicity Assessment of PFAS”