

Kerry Ard
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ACADEMIC APPOINTMENTS

Associate Professor 2019-present	The Ohio State University College of Food, Agriculture and Environmental Science School of Environment and Natural Resources
Assistant Professor 2013-2019	The Ohio State University College of Food, Agriculture and Environmental Science School of Environment and Natural Resources
Faculty Affiliate	The Ohio State University: Center for Urban and Regional Analysis, Institute for Population Research, Sustainability Institute, Sociology Department

EDUCATION

Dual Ph.D. 2013	Sociology and Natural Resources & Environment, University of Michigan, <i>Committee:</i> Dorceta Taylor, Sarah Burgard, David Harding and Dan Brown.
Masters of Science 2006	Environmental Policy and Behavior, University of Michigan
Bachelors of Science 2004	Biology, emphasis in Zoology, San Francisco State University

PEER-REVIEWED JOURNAL ARTICLES **denotes student co-author*

1. Alexys Monoson, Evangeline Schott, **Kerry Ard**, Brita Kilburg-Basnyat, Robert M. Tighe, Sonal Pannu, Kymberly M. Gowdy. (2023). Air pollution and respiratory infections: the past, present, and future. *Toxicological Sciences*, 2, 1–12. <https://doi.org/10.1093/toxsci/kfad003>
2. Wodtke, Geoff., **Ard, Kerry**, Bullock, Clair*, White, K.*, & Priem, Betsy*. (2022). Concentrated poverty, ambient air pollution, and child cognitive development. *Science Advances*, 8(48), eadd0285. <https://doi.org/10.1126/sciadv.add0285>
3. Alvarez, Camila, Calasanti, Anna, Evans, Clare, & **Ard, Kerry** (2022). Intersectional inequalities in industrial air toxics exposure in the United States. *Health and Place*, 77(July), 102886. <https://doi.org/10.1016/j.healthplace.2022.102886>
4. Robert Magneson Chiles, **Kerry Ard**, Stephanie Teixeira-Poit, Cornelia Flora, Rhianna Williams, Caitlin Grady. (2022). Empowering students to confront environmental injustice: Dialogue, theory, empathy, and partnership. *SN Social Sciences*, 2(12), 1–19. <https://doi.org/10.1007/s43545-022-00564-9>
5. **Ard, Kerry** and Kevin Smiley. (2022). Examining the Relationship Between Racialized Poverty Segregation and Hazardous Industrial Facilities in the US Over Time. *American Behavioral Scientist*. <https://doi.org/10.1177/00027642211013417>

6. **Ard, Kerry**, Dax Fisher-Garibay*, Daphney Bonner*. (2021). Particulate Matter Exposure across Latino Ethnicities. *International Journal of Environmental Research and Public Health*. 18(10): 5186. <https://doi.org/10.3390/ijerph18105186>
7. **Ard, Kerry**. (2019). Book Review: Food Justice Now! Deepening the Roots of Social Struggle. By Joshua Sbicca. Minneapolis: University of Minnesota Press, 2018. *American Journal of Sociology*. 125(2): 621-623. <https://www.journals.uchicago.edu/doi/10.1086/704605>
8. Riley, Christopher*, Perry, Kayla, **Ard, Kerry** and Gardiner, Mary. (2018). Asset or Liability? Ecological and Sociological Tradeoffs of Urban Spontaneous Vegetation on Vacant Land in Shrinking Cities. *Sustainability*. 10(7), 2139. <https://www.mdpi.com/2071-1050/10/7/2139>
9. Bullock, Clair*, **Ard, Kerry** and Saalman, Grace*. (2018). Measuring the relationship between state environmental justice action and air pollution inequality, 1990-2009. *Review of Policy Research*. 35(3), 466-490. <https://onlinelibrary.wiley.com/doi/abs/10.1111/ropr.12292>
10. Ruiz, Daniel*, Becerra, Marisol*, Jagai, Jyotsna, **Ard, Kerry**, and Sargis, Robert. (2017). Disparities in Environmental Exposures to Endocrine- Disrupting Chemicals and Diabetes Risk in Various Ethnic Groups. *Diabetes Care*. 41,193–205. doi: 10.2337/dc16-2765. <https://pubmed.ncbi.nlm.nih.gov/29142003/>
11. **Ard, Kerry**, Garcia, Nick*, and Kelly, Paige*. (2017). Another Avenue of Action: An Examination of Climate Change Countermovement Industries Use of PAC Donations and Their Relationship to Congressional Voting over Time. *Environmental Politics* 26(6), 1107–1131. <https://www.tandfonline.com/doi/abs/10.1080/09644016.2017.1366291?journalCode=fenp20>
12. Bruskotter, Jeremy, Vucetich, John, Manfredo, Michael, Karns, Gabriel, Wolf, Christopher, **Ard, Kerry**, Carter, Neil, Vicente, José, Chapron, López-Bao, Gehrt, Stanley, Ripple, William. (2017). Modernization, Risk, and Conservation of the World's Largest Carnivores. *BioScience*. 67(7), 646–655. <https://academic.oup.com/bioscience/article/67/7/646/3845067>
13. **Ard, Kerry**, Colen, Cynthia, Becerra, Marisol*, and Velez, Thelma*. (2016). Two Mechanisms : The Role of Social Capital and Industrial Pollution Exposure in Explaining Racial Disparities in Self-Rated Health. *International Journal of Environmental Research and Public Health*. 13(10), 1-16. <https://pubmed.ncbi.nlm.nih.gov/27775582/>
14. **Ard, Kerry** and Fairbrother, Malcolm. (2016). Pollution Prophylaxis? Social Capital and Environmental Inequality. *Social Science Quarterly* 98(2), 584–607. <https://onlinelibrary.wiley.com/doi/abs/10.1111/ssqu.12324>
15. **Ard, Kerry**. (2016). By all measures: an examination of the relationship between segregation and health risk from air pollution. *Population and Environment*. 38(1), 1-20. <https://link.springer.com/article/10.1007/s11111-015-0251-6>
16. **Ard, Kerry**. (2015). Trends in exposure to industrial air toxins for different racial and socioeconomic groups: A spatial and temporal examination of environmental quality in the U.S. from 1995 to 2004. *Social Science Research*. 53, 375-390. <https://pubmed.ncbi.nlm.nih.gov/26188461/>

17. Taylor, Dorceta and **Ard, Kerry**. (2015). Understanding the Complexity of Detroit's Food Environment: Access, Justice, and Social Change." *Environmental Practice*. 17(2), 102-133. <https://doi.org/10.1017/S1466046614000544>
18. Mohai, Paul, Kweon, Byoung-Suk, Lee, Sangyun and **Ard, Kerry**. (2011). Air Pollution Around Schools Affects Student Health and Academic Performance. *Health Affairs*. 30(5), 852-862. <https://www.healthaffairs.org/doi/10.1377/hlthaff.2011.0077>
19. **Ard, Kerry** and Mohai, Paul. (2011). Hispanics and Environmental Voting in the U.S. Congress. *Environmental Practice*. 13(4), 302-313. <https://doi.org/10.1017/S1466046611000330>

BOOK CHAPTERS *denotes graduate student co-authors

1. **Ard, Kerry**, Tiffany Williams*, Paige Kelly*. (2022). "The Effect of Public Opinion on Environmental Policy in the Face of the Environmental Countermovement." IN The Handbook of Anti-Environmentalism. Editors, Stoddart, Mark, David Tindall, and Riley Dunlap (Eds). Edward Elgar Publishing. Cheltenham, United Kingdom
2. **Ard, Kerry** and Clair Bullock* (2019) Concentrating risk? The geographic concentration of health risk from industrial air toxics across America. IN Spatiotemporal Analysis of Air Pollution and Its Application in Public Health. Lixin Li, Xiaolu Zhou, Weitian Tong (Eds). Elsevier. Amsterdam, Netherlands.
3. **Ard, Kerry** and Matthew Dowiatt* (2019). Environmental Justice. IN Handbook of US Environmental Policy. David Konisky (Ed). Edward Elgar Publishing. Cheltenham, United Kingdom.
4. **Ard, Kerry**. (2019). 3D Charts, Air Pollution Changes in Metropolitan Detroit: 1988-2004. IN Spatial Thinking in Environmental Contexts. Sandra Arlinghaus, Joseph Kerski, Ann Evans Larimore, and Matthew Naud (Eds). CRC Press: Boca Raton, FL.
5. **Ard, Kerry**. (2019). Pollution in Rome, Italy. IN Cities around the World: Struggles and Solutions to Urban Life. Jing Luo (Eds). Santa Barbara, CA.
6. Thelma Velez* and **Kerry Ard**. (2019). Green Spaces in Rotterdam. IN Cities around the World: Struggles and Solutions to Urban Life. Jing Luo (Ed.). Santa Barbara, CA.
7. Marisol Becerra* and **Kerry Ard**. (2019). Green Spaces in Aguascalientes, Mexico. IN Cities around the World: Struggles and Solutions to Urban Life. Jing Luo (Ed.). Santa Barbara, CA.
8. Marisol Becerra*, Ashlee Dauphinais* and **Kerry Ard**. (2019.) Economy and Employment in San Juan Puerto Rico. IN Cities around the World: Struggles and Solutions to Urban Life. Jing Lu (Ed.). Santa Barbara, CA.
9. **Ard, Kerry**. (2011). "Love Canal and the Carter Administration." In Paul Robbins (ed.) Green Series: Volume 8 Ethics/Philosophy. SAGE eReference. 10.4135/9781412974608
10. **Ard, Kerry**. 2005. "Environmental Apartheid: A Critical Analysis of the Basel Convention." *Critical Moment*. May-June (10), 12-13.

GRANTS RECEIVED

- 2022** “**Local government, inequality and rural wellbeing**”. USDA. (\$60,000). Kerry Ard (Co-PI).
- 2022** “**Analysis of Climate Change Related Chemical and Non-Chemical Stressor Exposures: Cumulative Health Impacts and Risk Trajectories in Vulnerable Ohio Census Tracts**” US EPA (\$1,294,249) Kerry Ard (Co-PI).
- 2021** “**Certificate on Race, Ethnicity, and Environmental Justice**”. Sustainability Institute Education Grant. (\$10,000). Co-Investigator.
- 2021** “**The Network on Life Course Health Dynamics and Disparities**” National Institutes of Health. (\$47,095). Kerry Ard (PI).
- 2021** “**A Fundamental Shift in Thinking about Trees**”. Battelle Engineering, Technology, and Human Affairs. (\$59,563). Co-Investigator.
- 2020** “**Why neighborhoods matter: A causal mediation analysis of contextual effects on child academic achievement.**” Subaward from University of Chicago, National Science Foundation. (\$73,938)
- 2018** “**Neighbourhoods, Schools, and Environmental Health Hazards: A Causal Mediation Analysis of Contextual Effects on Academic Achievement.**” National Research Council Canada (total \$91,819 CAD) Co-Investigator.
- 2018** **National Longitudinal Survey of Youth (NLSY79)**. US Bureau of Labor Statistics. Hired as a consultant on this grant to develop environmental exposure estimates for individuals over time.
- 2016** “**Effect of Lifetime Intergenerational Exposures to Environmental Toxicants, Sociodemographic, and Economic Factors on Prenatal and Cognitive Outcomes in Children.**” Institute for Population Research, the Ohio State University. \$34,590 (USD). Co-Investigator.
- 2014** **Coca-Cola Critical Difference for Women Grants for Research on Women, Gender, and Gender Equity.** \$4,000 (USD). Principal Investigator.
- 2014** **Service-Learning Initiative Course Development and Enrichment Grant” The Ohio State University Service-Learning Initiative.** \$3,000 (USD). Principal Investigator.

AWARDS

- 2014 ProQuest Distinguished Dissertation Award**
This award is a nomination based, university-wide award, given by the University of Michigan Graduate School to recognize exceptional and unusually interesting work produced by doctoral students. Final selection committee is made up of members of the Michigan Society of Fellows and awardees are given \$1,000 honorarium.
- 2012 Environmental Justice Award for Outstanding Scholarship**
This award is given by the University of Michigan’s School of Natural Resources and Environment to graduate students studying in the field of Environmental Justice who have done outstanding work on their dissertations, in the class room, on research projects, practical, theses, or papers.

- 2011 National Institute of Health supported Training Program in Advanced Spatial Analysis**
Center for Spatially Integrated Social Science's at the University of California, Santa Barbara training program designed to train participants in multilevel modeling, particularly in a spatial and demographic context
- 2009 Google Earth KML Research Global Competition Winner**
Google's KML research contest was open to students and professionals in 20 countries. The contest rewards the best visualizations of scientific research in Google Earth using KML. Entries were judged by a panel of experts based on overall functionality in Google Earth, visual appeal, ease of use and understanding and educational value.
- 2009 School of Natural Resource Justin W. Leonard Award**
This award is given by the University of Michigan's School of Natural Resources and Environment for a graduate student with superior academic credentials who is judged to have the greatest promise for leadership in the wise use of natural resources through the integration of natural and social sciences.

SELECTED INVITED PRESENTATIONS

- Ard, Kerry (Invited Speaker). "The Effects of Air-Based Chemical Toxicants on Cognitive Function and Impairment Among Older Adults." Population Association of America. New Orleans, LA (2023).
- Ard, Kerry. (Invited Speaker). "The Role of Spatial Segregation in Explaining Environmental and Health Disparities in a US Context." University of Oregon Sociology Colloquium. Eugene, OR. (2023)
- Ard, Kerry (Invited Speaker). "White House Climate Science Roundtable on Countering Delayism and Communicating the Urgency of Climate Action." White House Office of Science and Technology Policy. Washington, DC. [Virtual] (2022).
- Ard, Kerry (Invited Speaker). "Concentrated Poverty, Ambient Air Pollution, and Child Cognitive Development." American Sociological Association. Los Angeles, CA. (2022).
- Ard, Kerry (Invited Speaker). "Environmental Inequalities" Science Cafe Talk. OSU. (2022).
- Ard, Kerry (Invited Speaker). "Environmental Justice" Mount Leadership Society OSU. (2022).
- Ard, Kerry (Invited Speaker). "Analysis of Climate Change Related Chemical and Non-Chemical Stressor Exposures: Cumulative Health Impacts and Risk Trajectories in Vulnerable Ohio Census Tracts." College of Public Health Work is Progress. (2022).
- Ard, Kerry (Invited Panel Speaker) "Race, the Environment, and the Car" OSU Department of History and the Sustainability Institute. Columbus, Ohio. (2022).
- Ard, Kerry (Invited Speaker). "Effects of Air-based Chemical Toxicants on Cognitive Function and Impairment Among Older Adults" Network on Life Course Health Dynamics & Disparities. Syracuse University [Virtual]. (2022).
- Ard, Kerry (Invited Speaker). "Environmental Justice." OSU Med Center Green Team. Columbus, Ohio. (2020).

Ard, Kerry (Invited Speaker). “Environmental Inequality in the US Over Time.” University of Southern California. Environment & Sustainability Seminar. Los Angeles, CA. (2020).

Ard, Kerry (Invited Panelist). “Air Pollution and Segregation.” Urban Dynamics: Health Risks and Green Infrastructure. New Horizons in Conservation Conference. Chicago, IL. (2019).

Ard, Kerry (Invited Panelist). “Urban Air Quality: A Global Health Crisis” The Center for Urban and Regional Analysis. The Ohio State University, Columbus, OH (2019).

Ard, Kerry (Presenter). “Concentrating Risk? The Geographic Concentration of Health Risk from Industrial Air Toxics.” American Sociological Association. New York, NY. (2019).

Ard, Kerry (Invited Speaker). “Linking data on Environmental Toxicants to NIA Funded Surveys” NIA-supported Network on Life Course Health Dynamics and Disparities in 21st Century America. Austin, TX. (2019).

Ard, Kerry (Presenter). “Climate Change Denier Movement’s use of PACs” America's Climate Change Future Conference. The William R. Rhodes Center for International Economics and Finance. Watson Institute for International & Public Affairs. Brown University Providence, Rhode Island. (2019).

Ard, Kerry (Workshop Presenter). “Environmental Data that can be Linked to Health Data: the Pros and Cons.” NIA-supported Network on Life Course Health Dynamics and Disparities in 21st Century America, Austin, TX. (2019).

Ard, Kerry (Invited Panelist). “Environmental Justice & Air Toxics.” Vanderbilt University Environmental Justice Workshop” Vanderbilt University. Nashville, TN (2019).

Ard, Kerry (Invited Seminar Presenter). “Unequal Exposures to Industrial Air Toxins: the Structural Causes and Health Consequences.” Mid-Ohio Regional Planning Commission Energy and Air Quality Working Group Meeting. Mid-Ohio Regional Planning Commission. Columbus, Ohio. (2018).

Ard, Kerry (Panelist). “Influence Networks Opposed to Climate Action in the United States.” Briefing to US Senate Climate Task Force. Washington, DC. (2018).

Ard, Kerry (Presenter). “How Exposure to Air Pollution Varies by Hispanic/Latino Ethnicity: Across Time and Space.” The 2018 International Conference on Aging in the Americas: Latino Aging and Health in Social, Institutional and Environmental Context; Foundations and Frontiers, Tucson, Arizona, USA. (2018).

Ard, Kerry (Presenter) and Kelly, Paige*. “The Effect of Public Opinion on Environmental Policy in the Face of the Environmental Countermovement.” Richard Wesley Conference on Environmental Politics and Governance (EPG), Department of Political Science, Stockholm University. Stockholm, Sweden. (2018). [Reviewed]

Ard, Kerry. (Presenter). “The Effect of Public Opinion on Environmental Policy in the Face of the Environmental Countermovement.” XVIII ISA World Congress of Sociology. Toronto, Canada. (2018). [Reviewed]

Ard, Kerry (Presenter), Kelly, Paige* and Garcia, Nick*. “Another Avenue of Action: an Examination of Climate Change Countermovement Industries Use of PAC Donations and their Relationship to Congressional Voting over Time.” Richard Wesley Conference on Environmental Politics and

Governance (EPG), School of Public and Environmental Affairs, Indiana University. Bloomington, Indiana, United States. (2017). [Reviewed]

Ard, Kerry (Presenter). “Changes in Exposure to Industrial Air Pollution across the United States from 1995 to 2004.” XVIII ISA World Congress of Sociology. Yokohama, Japan. (2014). [Reviewed]

Ard, Kerry (Presenter). “Using Big Data to Explore Environmental Inequality.” Conference of European Sociological Association Research Network on Quantitative Methods, GESIS – Leibniz Institute for the Social Sciences. Mannheim, Germany. (2014). [Reviewed]

SERVICE TO FIELD

Ard, Kerry (Co-lead). Race and Sustainability: Pollution, health outcomes and life expectancy. Sustainability Institute, Ohio State University.

Ard, Kerry (Participant). Climate Social Science Network. Brown University.

Ard, Kerry (Participant). Climate Social Science Network. Brown University.

Ard, Kerry (Reviewer). The International Environmental Politics and Governance Conference.

Ard, Kerry (Organizer). “Pollution and Birth Outcomes.” Population Association of America Annual Meeting. Austin, TX. (2019).

Ard, Kerry (Organizer). “Environmental Factors Associated with Health and Mortality.” Population Association of America Annual Meeting. Austin, TX. (2019).

Ard, Kerry. (Workshop Participant). July15-16, “NSF Sustainable Urban Systems: New Mobility, Cities and Data” Workshop hosted by The Center for Urban and Regional Analysis. Columbus, OH. (2019). <https://u.osu.edu/miller.81/2019/09/26/nsf-sustainable-urban-systems-new-mobility-cities-and-data-workshop-report/>

SERVICE TO DEPARTMENT/UNIVERSITY

OSU Sustainability Institute Co-Leader Exploratory Research Group
OSU University Senate Committee- Council on the Physical Environment
CFAES Associateship Committee
SENR Graduate Studies Committee
SENR Graduate Fellowship Committee
ESGP Graduate Studies Committee
Student Advisor Environmental Protection Student Group