

Kerry Ard
Associate Professor
School of Environment & Natural Resources
The Ohio State University

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EDUCATION

Joint Ph.D. 2013	Sociology joint with Natural Resources & Environment, University of Michigan, <i>Committee Members:</i> Dorceta Taylor, Sarah Burgard, David Harding & 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

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
Affiliated Faculty	OSU Institute for Population Research

PEER-REVIEWED JOURNAL ARTICLES *denotes student co-author

1. **Ard, Kerry** and Kevin Smiley. (under review). Sacrifice Zones: A National Level Critical EJ Theory & Analysis. *American Behavioral Scientist*.
2. Alvarez, Camilla, Anna Calasanti, Clare Rosenfeld Evans and **Kerry Ard**. (under review). Intersectional Inequalities in Industrial Air Toxics Exposure in the United States. *Social Science Research*.
3. Fisher- Garibay, Dax* and **Kerry Ard** (under review). Unequal Recreation Opportunities: Urban Waterways, E. coli Levels, and the Surrounding Communities. *Human Ecology*.
4. **Ard, Kerry**. (2019). Book Review: Food Justice Now! Deepening the Roots of Social Struggle. By Joshua Sbica. Minneapolis: University of Minnesota Press, 2018. *American Journal of Sociology*. 125(2): 621-623.
5. 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. doi: 10.3390/su10072139
6. 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. doi: 10.1111/ropr.12292
7. 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

8. **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. doi: 10.1080/09644016.2017.1366291
9. 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. doi: 10.1093/biosci/bix049
10. **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. doi: 10.3390/ijerph13101025
11. **Ard, Kerry** and Fairbrother, Malcolm. (2016). Pollution Prophylaxis? Social Capital and Environmental Inequality. *Social Science Quarterly* 98(2), 584–607. doi: 10.1111/ssqu.12324
12. **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. doi: 10.1007/s11111-015-0251-6
13. **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. doi: 10.1016/j.ssresearch.2015.06.019
14. 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. doi: 10.1017/S1466046614000544
15. 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. doi: 10.1377/hlthaff.2011.0077
16. **Ard, Kerry** and Mohai, Paul. (2011). Hispanics and Environmental Voting in the U.S. Congress. *Environmental Practice*. 13(4), 302-313. doi: 10.1017/S1466046611000330

BOOK CHAPTERS *denotes graduate students

1. **Ard, Kerry**, Tiffany Williams*, Paige Kelly*. (2020). "The Effect of Public Opinion on Environmental Policy in the Face of the Environmental Countermovement." IN *The Handbook of Anti-Environmental*. 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. **Kerry Ard**. (2019). Pollution in Rome, Italy. IN *Cities around the World: Struggles and Solutions to Urban Life*. Jing Luo (Eds). ABC-CLIO: 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.). ABC-CLIO: 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.). ABC-CLIO: 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.). ABC-CLIO: Santa Barbara, CA.

GRANTS APPLIED FOR

- 2020** **“Large-Scale CoPe: Water Quality, Coastal Resilience and Equity in the Great Lakes: Studying Community Action, Lake Ecosystems, and Society (SCALES)”** National Science Foundation Coastlines and People. Grant (\$1,478,278). Elena Irwin (PI), Kerry Ard (Leadership Team).
- 2020** **“The Network on Life Course Health Dynamics and Disparities”** National Institutes of Health. (\$47,095). Kerry Ard (PI).
- 2020** **“Promoting urban reforestation via stakeholder-driven environmental data communication”** Sustainability Institute Seeds Grant. Steve Lyon (PI) Kerry Ard (co-PI).
- 2020** **“GCR: Convergence between Technological, Ecological, and Socio-economic Systems for Air Quality?”** National Science Foundation Convergence Grant. (\$3,600,000). Bahvik Bakshi (PI), Kerry Ard (co-PI), Gil Bohrer, Jordan Clark, Sathya Gopalakrishnan (co-PIs).
- 2019** **“Can community pocket gardening improve human and insect social capital and well-being in post-industrial cities?”** CFAES SEEDS grant. (\$79,922). Mary Gardner (PI), Kerry Ard (co-PI)
- 2019** **“Measuring the accuracy of perceived water quality in urban streams”.** CFAES SEEDS grant. (\$79,867.02). Kerry Ard (PI), Rachel Gabor, Robyn Wilson, Lauren Pintor (co-PIs).
- 2019** **“Trees in the City: Toward Redesigning Urban Landscapes by Seeking Synergies between Technological, Ecological, and Sociological Systems”** Center for Applied Plant Sciences (CAPS) SEED grant. (\$75,000). Bahvik Bakshi (PI), Kerry Ard (co-PI), Gil Bohrer
- 2019** **“Why Neighborhoods Matter: A Causal Mediation Analysis of Contextual Effects on Child Academic Achievement”** National Science Foundation subaward from the University of Chicago. (\$16,461) Geoff Wodtke (PI), Kerry Ard (Faculty Associate).

GRANTS RECEIVED

- 2020** **“Why neighborhoods matter: A causal mediation analysis of contextual effects on child academic achievement.”** Subaward from University of Chicago. (\$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.
- 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.

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 (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). July 15-16, "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 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