

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

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**RESEARCH SPECIALTIES**      Environmental Sociology, Environmental Inequality, Race and Ethnicity, Stratification, Health Inequality, Geography

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**EDUCATION**

**Joint Ph.D.**                      Sociology joint with Natural Resources & Environment, University of Michigan,  
**2013**                              *Committee Members:* Dorceta Taylor, Sarah Burgard, David Harding and Dan Brown.

**Masters of Science**              in Environmental Policy And Behavior, University of Michigan  
**2006**

**Bachelors of Science**              in Biology, emphasis in Zoology, San Francisco State University  
**2004**

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**ACADEMIC APPOINTMENTS**

**Assistant Professor**              The Ohio State University  
College of Food, Agriculture and Environmental Science  
School of Environment and Natural Resources

**Affiliated Faculty**              OSU Institute for Population Research, OSU Food Innovation Center

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

Bullock, Clair\*, **Kerry Ard** and Grace Saalman\*. 2018. "Measuring the relationship between state environmental justice action and air pollution inequality, 1990-2009." *Review of Policy Research*. forthcoming.

Ruiz, Daniel\*, Marisol Becerra\*, Jyotsna Jagai, **Kerry Ard**, and Robert M. Sargis. 2017. "Disparities in Environmental Exposures to Endocrine- Disrupting Chemicals and Diabetes Risk in Various Ethnic Groups." *Diabetes Care*. 41:1–14.

**Ard, K.**, 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):1107–31.

Jeremy T. Bruskotter, John A. Vucetich, Michael J. Manfredo, Gabriel R. Karns, Christopher Wolf, **Kerry Ard**, Neil H. Carter, José Vicente López-Bao, Guillaume Chapron, Stanley D. Gehrt, William J. Ripple. 2017. Modernization, Risk, and Conservation of the World's Largest Carnivores. *BioScience*. 67(7):646–655.

**Ard, Kerry**, Cynthia Colen, Marisol Becerra\*, and Thelma Velez\*. 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).

**Ard, Kerry** and Malcolm Fairbrother. 2016. "Pollution Prophylaxis? Social Capital and Environmental Inequality." *Social Science Quarterly* 98(2):584–607.

**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.

**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.

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.

Taylor, Dorceta and **Ard, Kerry**. Jun 2015. "Detroit's food justice and food systems." *Focus: University of Wisconsin's Institute for Research on Poverty*. 32(1): 13-18.

Mohai, Paul, Byoung-Suk Kweon, Sangyun Lee and **Kerry Ard**. 2011. "Air Pollution Around Schools Affects Student Health and Academic Performance." *Health Affairs*. 30(5): 852-862.

**Ard, Kerry** and Paul Mohai. 2011. "Hispanics and Environmental Voting in the U.S. Congress." *Environmental Practice*. 13(4): 302-313.

**Ard, Kerry**. 2011. "Love Canal and the Carter Administration." IN Paul Robbins (ed.) Green Series: Volume 8 Ethics/Philosophy. SAGE eReference.

**Ard, Kerry**. 2009. "Air Pollution Changes in the Detroit Metro Area from 1988 - 2004." *Solstice: An Electronic Journal of Geography and Mathematics*, XX(1). Ann Arbor: Institute of Mathematical Geography. Available at: <http://hdl.handle.net/2027.42/63022>.

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#### **SHORT ENTRIES** \*denotes graduate students

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**Kerry Ard**. 2019. Pollution in Rome, Italy. IN *Cities around the World: Struggles and Solutions to Urban Life*. Jing Luo, Editor. ABC-CLIO: Santa Barbara, CA.

Thelma Velez\* and **Kerry Ard**. 2019. Green Spaces in Rotterdam. IN *Cities around the World: Struggles and Solutions to Urban Life*. Jing Luo, Editor. ABC-CLIO: Santa Barbara, CA.

Marisol Becerra\* and **Kerry Ard**. 2019. Green Spaces in Aguascalientes, Mexico. IN *Cities around the World: Struggles and Solutions to Urban Life*. Jing Luo, Editor. ABC-CLIO: Santa Barbara, CA.

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 Luo, Editor. ABC-CLIO: Santa Barbara, CA.

## GRANTS RECEIVED

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- 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.

## GRANTS APPLIED FOR (*but did not receive*)

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- 2017** "Chemical Air Pollutant Exposure and Risk of Olfactory Dysfunction in Older US Adults" *National Institutes of Health-Exploratory/Developmental Research Grant Program*. \$135,861 (USD). Co-Principal Investigator.
- 2017** Neighbourhoods, Schools, and Environmental Health Hazards: A Causal Mediation Analysis of Contextual Effects on Academic Achievement. *National Research Council Canada*. \$91,819 (CAD). Co-Principal Investigator.
- 2017** Effects of Cumulative Exposures to Multiple Air Toxins and Social Stressors on Later Cognitive Outcomes. *National Institutes of Health- R01*. \$1,245,531 (USD). Principal Investigator.
- 2017** Synergistic Effects of Exposure to Air Pollution and Social Environmental Stressors on Cognitive Function and Decline in Older U.S. Adults. Environmental Protection Agency. \$ 597,164 (USD). Co-Principal Investigator.
- 2015** Why Don't They Move? Examining How Family Structure Influences Exposure to Industrial Air Toxins and Related Health Outcomes. Institute for Population Research, the Ohio State University. \$ 29,033 (USD). Principal Investigator.

## SERVICE TO ACADEMIC FIELD

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- 2017** American Sociological Association Environmental Sociology Section Officer
- 2017** Book Editor, *Society & Natural Resources*
- 2016** *Health Equity*, Manuscript Reviewer
- 2016** *International Journal of Environmental Research and Public Health*, Manuscript Reviewer
- 2016** *Social Problems*, Manuscript Reviewer
- 2016** *Environmental Health Perspectives*, Manuscript Reviewer
- 2016** *Journal of Environmental Planning and Management*, Manuscript Reviewer
- 2016** *Social Science Research*, Manuscript Reviewer

## INVITED PRESENTATIONS

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- 2017** Keynote: "On the Frontlines of Environmental Justice." Presented at Connecting Social Justice & Environmental Stewardship: Impacts for Children. Ann Arbor, Michigan.
- 2017** Panel Discussant at Diversity Mini Conference: Countering Utilitarianism and Environmental Injustice. Presented at Rural Sociological Association. Columbus, Ohio.
- 2017** Keynote: "Environmental Inequality- Causes and Consequences." Presented at Seminar in the Division of Environmental Health Sciences. College of Public Health, Columbus, Ohio.
- 2017** "Another avenue of action: an examination of climate change countermovement industries use of PAC donations and their relationship to Congressional voting over time". Presented at American Sociological Association. Montreal, Canada.
- 2017** "Another avenue of action: an examination of climate change countermovement industries use of PAC donations and their relationship to Congressional voting over time". Presented at Rural Sociological Association. Columbus, Ohio.
- 2017** "Another avenue of action: an examination of climate change countermovement industries use of PAC donations and their relationship to Congressional voting over time". Presented at Richard Wesley Conference on Environmental Politics and Governance, organized by the Center for Environmental Politics. Bloomington, Indiana.
- 2015** Keynote. "Do You Want the Good News or the Bad News?" Presented at Institute for Population Research Seminar Series. Columbus, Ohio
- 2015** "Pollution Prophylaxis? Social Capital and Environmental Inequality." Co-author presented at Richard Wesley Conference on Environmental Politics and Governance, organized by the Center for Environmental Politics at University of Washington, Seattle.
- 2014** "How to capture exposure to air toxins over time and across space/Analyzing change using different longitudinal research designs." Presented at European Sociological Association Conference, Mannheim, Germany.
- 2014** International Sociological Association: World Congress. Yokohama, Japan
- 2012** "How is Exposure to Pollution Changing Over Time in America for Different Racial and Economic Groups?" American Sociological Association Annual Meeting, Denver, CO.
- 2011** "Not All Pollution Harms Equally." American Sociological Association Annual Meeting, Las Vegas, NV.
- 2010** "Examining the Role of Residential Segregation in Explaining the Cumulative Pollution Exposure of Survey Respondents." American Sociological Association Annual Meeting, Atlanta, GA.
- 2009** "Using Google Earth to Educate Public about Pollution Exposure." Google Earth Conference, Ann Arbor, MI.

- 2008** “Using RSEI Pollution data to Predict Health Outcomes.” EPA’s Risk Screening Environmental Indicators (RSEI) Consortium Annual Meeting. University of Massachusetts, Amherst, MA.
- 2007** “Hispanic Americans and Environmental Voting in the US Congress.” American Sociological Association Annual Meetings, New York, NY.
- 2006** “Hispanic Americans and Environmental Voting in the US Congress.” Rural Sociological Society Annual Meeting, Louisville, KY.
- 2005** “Conventions and Success: E Waste and the UN Basel Convention.” Global Conference on Environmental Justice and Global Citizenship, Oxford University, Oxford, UK.

## TEACHING

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- 2016- Present**      **Population, Place and the Environment, the Ohio State University**
- Graduate and undergraduate level course which focuses on how place impacts the health and well-being of individuals.
- 2014-Present**      **Environmental Sociology, the Ohio State University**
- Graduate level course on the sociological approaches to the study of environmental policy and the uses and abuses of natural resources and pollution.
- 2013- Present**      **Introduction to Rural Sociology, Ohio State University**
- Large, introductory, GE course for a variety of majors.
- 2008, 2012**      **Urban Inequality, Sociology Department, the University of Michigan**
- Primary instructor: developed syllabi, taught course alone.
- 2011**      **Social Stratification, Sociology Department, the University of Michigan**
- Primary instructor: developed syllabi, taught course alone.
  - Students were required to volunteer at an organization whose goal it is to address social inequalities. From this experience they wrote a paper addressing issues their volunteer organization dealt with and submitted the paper to an academic conference.
- 2009, 2011**      **Principles of Sociology, Sociology Department, the University of Michigan**
- Primary instructor
  - Used contemporary news topics to discuss basic sociological concepts such as the Arab Spring to discuss issues of social movements, the gay marriage debate to learn about issues of gender and sexuality.
- 2008**      **Animal Physiology Lab, Biology Department, the University of Michigan**
- Taught basic statistics; helped students apply these techniques to their research. Helped students design own experiment and write publishable style paper.
- 2005**      **Genetics, Biology Department, the University of Michigan**
- Graduate Student Instructor Coordinator.

- Taught two sections of Introductory Genetics Discussion.

## PRESS

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Nov 2017. Endocrine-Disrupting Chemicals Linked to Diabetes Disparities: Exposure to diabetes-associated environmental EDCs may contribute to racial, socioeconomic disparities. *Physician's Briefing*. <http://www.physiciansbriefing.com/Article.asp?AID=728711>

Feb 2017. Ask the Experts: Mardi Gras Madness. WalletHub. <https://wallethub.com/blog/mardi-gras-facts/31999/#kerry-ard>.

Mar 2014. "SNRE Alumna Kerry Ard Receives 2013 ProQuest Distinguished Dissertation Award." *School of Natural Resources and Environment News*. Available at: <http://www.snre.umich.edu/print/19944>

Sept 2012. "Hispanics in Congress Vote Pro-Environment." *Stewards Magazine*. Available at: <http://snre.umich.edu/stewards>

Oct 2011. "Endangered Academic Success". *The Communicator*. Available at: <http://the-communicator.org/2011/10/endangered-academic-success/>

Mar 2009 "SNRE doctoral student wins Google research award." Available at: [http://www.snre.umich.edu/newsroom/2009-03-20/snre\\_doctoral\\_student\\_wins\\_google\\_research\\_award](http://www.snre.umich.edu/newsroom/2009-03-20/snre_doctoral_student_wins_google_research_award)

Jun 2010 "48217: Life in Michigan's most polluted ZIP code-Illness is just as pervasive as metallic dust cover." *Detroit Free Press*.

2008. Google. KML in Research Competition. Available at: [http://www.google.com/educators/kml\\_contest.html](http://www.google.com/educators/kml_contest.html)

## HONORS & AWARDS

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### **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 School of Natural Resource** This award is given 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** Accepted as a participant of the Center for Spatially Integrated Social Science's at the University of California, Santa Barbara. Program was designed to give participants experience in multilevel statistical 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 departmental award is given to the 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.