

DEREK C. WIETELMAN

Department of Agricultural and Resource Economics, University of Maryland
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EDUCATION

University of Maryland Ph.D. Student in Agricultural and Resource Economics Anticipated Completion: Spring 2025	College Park, MD 2020 - Present
Indiana University M.P.A. (Master of Public Affairs) Concentrations: Energy; Environmental Policy and Natural Resource Management	Bloomington, IN 2016 - 2018
Oklahoma State University B.S., Statistics; B.A., Political Science Minors: Economics; Environmental Economics, Politics, and Policy	Stillwater, OK 2012 - 2016

PROFESSIONAL APPOINTMENTS

Department of Agricultural and Resource Economics, University of Maryland Graduate Teaching Assistant	College Park, MD 2020 - Present
Resources for the Future Research Assistant: Research and Policy Engagement Program Research Intern	Washington, D.C. 2018 - 2020 2017
O'Neill School of Public and Environmental Affairs, Indiana University Graduate Research Assistant: IU Center for Survey Research	Bloomington, IN 2016 - 2018

RESEARCH

Fields of Interest: Applied econometrics; Energy and environmental economics; Public economics; Water resources

Peer-Reviewed Publications

- Yusuke Kuwayama, Sheila Olmstead, Derek C. Wietelman, & Jiameng Zheng (2020). "Trends in Nutrient Pollution as a Source of Potential Water Quality Damages: A Case Study of Texas, USA." *Science of the Total Environment*, Vol. 724, 137962.
- Arthur G. Fraas, Randall W. Lutter, & Derek C. Wietelman (2019). "The Energy Paradox in Seemingly Competitive Industries: The Use of Energy-Efficient Equipment on Heavy-Duty Tractor Trailers." *Energy Policy*, Vol. 129, 467-480.
- Michelle H.W. Lee, Ashley Clark, John Rupp, Derek C. Wietelman, & John D. Graham (2019). "Public Opinion Toward Hydraulic Fracturing: The Effect of Beyond Compliance and Voluntary Third-Party Certification." *Energy Policy*, Vol. 128, 306-315.
- Derek C. Wietelman & Richard T. Melstrom (2017). "The Effect of Listing the Lesser Prairie Chicken as a Threatened Species on Rural Property Values." *Journal of Environmental Management*, Vol. 191, 155-161.

Working Papers

- Joshua Blonz, Karen Palmer, Casey J. Wichman, & Derek C. Wietelman. (2021). "Smart Thermostats, Automation, and Time-varying Prices." *RFF Working Paper Series*, No. 21-20.

Research in Progress

- Ambiguity Aversion in Electricity Retail Choice
- Complementary Conservation: Estimating Energy Benefits of Water Conservation (with Casey J. Wichman)
- Do Nonlinear Prices Work? Distributional and Conservation Consequences of Budget-based Water Rates (with Daniel A. Brent and Casey J. Wichman)

Other Writings

- Dallas Burtraw, Maya Domeshek, & Derek C. Wietelman (2020). “Managing Investment Revenues and Costs in the Transportation Climate Initiative Region.” *RFF Issue Brief Series*, No. 20-05.
- Casey J. Wichman, Derek C. Wietelman, Daniel A. Brent, & Diego S. Cardoso (2019). “Public Comments on ‘Options for Implementation of a Statewide Low-Income Water Rate Assistance Program.’” Testimony submitted to California State Water Resources Control Board.
- Casey J. Wichman & Derek C. Wietelman (2019). “A Short History of Water Resources Research at Resources for the Future.” *Resources Magazine*, Issue 201.
- Stacey A. Giroux, Kevin W. Tharp, & Derek C. Wietelman (2019). “Impacts of Implementing an Auto-Advance Feature in Mobile and Web Surveys.” *Survey Practice*, Vol. 12, Issue 1.

Conference Presentations

- 2018 American Association of Public Opinion Research (AAPOR) Annual Conference

TEACHING

University of Maryland

HNUH 258A: Harvesting Big Data to Understand Agriculture and Climate Change; TA to Dr. Lars Olson (Fall 2021)
AREC 481: Environmental Economics; TA to Dr. Robertson Williams (Spring 2021)
AREC 365: World Hunger, Population, and Food Supplies; TA to Dr. Kenneth Leonard (Fall 2020)

Indiana University

SPEA-R 625: Environmental Economics and Policy; TA to Dr. Kenneth Richards (Spring 2018)
SPEA-V 517: Public Management Economics; TA to Dr. Kenneth Richards (Fall 2017)
SPEA-E 574: Energy Systems; TA to Prof. John Rupp (Fall 2017)

Oklahoma State University

STAT 2023: Elementary Statistics for Business and Economics; TA to Dr. Brenda Masters (2014 - 2016)

RELEVANT SKILLS

Programming & Software	R (Proficient); Stata (Advanced); Python (Beginner)
Academic Writing & Presentations	Beamer; L ^A T _E X; Microsoft Office; Overleaf

PROFESSIONAL ACTIVITIES AND SERVICE

Organization Memberships

AAEA; AEA; AERE

Mentorship

- PhD mentor for Mariah Campbell, Summer Opportunities in Agricultural Research and the Environment: A partnership between the UMD Graduate School, The Big Ten Alliance Summer Research Opportunities Program, and UMD AGNR
- IU O'Neill Mentor Collective Alumni Mentor

AWARDS AND HONORS

University of Maryland

Graduate School Dean's Fellowship Award (2020 - 2021)

Indiana University

SPEA Graduate Fellowship Funding Award (2016 - 2018)
Best Environmental Policy Paper, SPEA Ph.D. Student Association Conference (2017)

Oklahoma State University

Phi Beta Kappa, Gamma of Oklahoma Chapter (2016)
College of Arts and Sciences Top Ten Most Outstanding Senior (2016)
Outstanding Senior in Statistics (2016)
Graduated *summa cum laude* with Dual Honors College Degrees (2016)

Last updated: July 21, 2021