

Shahzeen Z. Attari

Contact

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Interests

Judgments and decisions about resource use and how to motivate action on climate change. Key areas of expertise include behavioral science, survey design, and data analysis.

Appointments

Professor, O'Neill School of Public and Environmental Affairs	2023 – Present
Associate Professor, O'Neill School of Public and Environmental Affairs	2018 – 2023
Assistant Professor, School of Public and Environmental Affairs	2011 – 2018
Indiana University Bloomington	
Postdoctoral Fellowship, Earth Institute & Center for Research on Environmental Decisions	2009 – 2011
Columbia University	

Education

Joint PhD in Civil and Environmental Engineering & Engineering and Public Policy	2004 – 2009
Masters of Civil and Environmental Engineering	
Carnegie Mellon University	
Bachelor of Science in Engineering Physics, Minor in Mathematics	2000 – 2004
University of Illinois at Urbana-Champaign	

Awards

2024	Paul H. O'Neill Professorship
2022	Excellence in Teaching, Campus Catalyst Award, Office of Sustainability, Indiana University
2020	Indiana University Bicentennial Medal
2019	Indiana University Bicentennial Professor
2018	SN10 – Among top ten scientists to watch under the age of 40, Science News
2017	Outstanding Junior Faculty Award, Indiana University
2017	Student Choice Award, Leader for the Greater Good – Undergraduate, SPEA, Indiana University
2014	Excellence in Teaching, Campus Catalyst Award, Office of Sustainability, Indiana University
2009	Grand Challenge Student Paper Award, National Science Foundation & Association of Environmental Engineering and Science Professors
2009	Outstanding Teaching Award, Civil and Environmental Engineering, Carnegie Mellon University
2007	Colin U. Miller and Mary Hay Miller charitable trust scholarship
2005	Environmental Research and Education Foundation scholarship
2004	Harold Allen Thomas memorial scholarship
2003	Women in Engineering Microsoft scholarship
2003	Lorella Jones undergraduate research scholarship

Fellowships and Grants

Fellowships

Wrigley Storymakers Program
University of Southern California (2024, *scheduled*)

Bellagio Center Academic Writing Residency
Rockefeller Foundation (2022)

Andrew Carnegie Fellowship
Carnegie Corporation (2018 – 2020). Budget: \$200,000

Center for Advanced Study in the Behavioral Sciences (CASBS)
Stanford University (2017 – 2018)

Extramural Funding

Understanding and correcting misperceptions of energy use
National Science Foundation: Decision, Risk, Management Science (2017 – 2022) PI with co-PI David Landy (Psychological and Brain Sciences, IU), SES – 1658804. Budget: ~\$500,000.

WaterWorks: A game to teach water systems thinking
Indiana Water Resources Research Grant Program (2017 – 2019) PI. Budget: \$30,000

Transitions and tradeoffs between food, energy, and water security in African dryland and agro-ecosystems
National Science Foundation (2015 – 2017) Co-PI with PI Tom Evans (Geography, IU), PI Kelly Caylor (Civil and Environmental Engineering, Princeton), co-PI Beth Plale (Informatics and Computing, IU), and co-PI Justin Sheffield (Civil and Environmental Engineering, Princeton), Supplemental award to SES – 1360463. Budget: \$300,000.

Impact of agricultural decision making and adaptive management on food security in Africa
National Science Foundation: Water, Sustainability, and Climate (2014 – 2019) Co-PI with PI Tom Evans (Geography, IU), PI Kelly Caylor (Civil and Environmental Engineering, Princeton), co-PI Beth Plale (Informatics and Computing, IU), and co-PI Justin Sheffield (Civil and Environmental Engineering, Princeton), SES – 1360463. Budget: ~\$3,600,000.

Intramural Funding

Motivating climate change solutions in Indiana
Environmental Resilience Institute, funded by Indiana University's Prepared for Environmental Change Grand Challenge initiative (2019 – 2022) PI with co-PI Nathan Geiger (The Media School, IU) and co-PI Landon Yoder (SPEA, IU). Budget: ~\$87,000

Visualizing the water commons: Improving systems understanding via game play
Workshop on Political Theory and Policy Analysis (2015 – 2016) PI with co-PI Michael Sellers (The Media School, IU). Budget: \$20,000

Publications

Refereed Articles (*Postdoc or student coauthors indicated with asterisks)

Recycling bias and reduction neglect

*Barnett, M., *Hancock, P., Klotz, L., and Attari, S. Z. (2023) *Nature Sustainability*

- Media: Grist, The Conversation, Anthropocene, Popular Science, Salon

Young adults face the future of the United States: Perceptions of its promise, perils, and possibilities

*Kantenbacher, J., *Miniard, D., Geiger, N., Yoder, L., and Attari, S. Z. (2022) *Futures*, 139, 102951.

Turning a coal state to a green state: Identifying themes of support and opposition to decarbonize the energy system in the United States

*Miniard, D. and Attari, S. Z. (2021) *Energy Research and Social Science*, 82, 102292.

Reorienting climate decision making research for smallholder farming systems through decision science

Waldman, K. B., Guido, Z., Todd, P. M., Evans, T. P., Carrico, A. R., and Attari, S. Z. (2021) *Current Opinion in Environmental Sustainability* 52, 92–99.

Investigating similarities and differences in individual reactions to the COVID-19 pandemic and the climate crisis

Geiger, N., *Gore, A., *Squire, C., and Attari, S. Z. (2021) *Climatic Change* 167.

Moderating spillover: Focusing on personal sustainability behavior rarely hinders and can boost climate policy support

*Sparkman, G., Attari, S. Z., and Weber, E. U. (2021) *Energy Research and Social Science* 78, 102150.

- Media: New Republic, Israeli daily Calcalist

Transforming energy use

Attari, S. Z. (2021) *Current Opinion in Behavioral Sciences* 42, 104–108.

Better rules for judging joules: Exploring how experts make decisions about household energy use

*Kantenbacher, J. and Attari, S. Z. (2021) *Energy Research and Social Science* 73, 101911.

Agricultural decision making and climate uncertainty in developing countries

*Waldman, K. B., Todd, P., *Omar, S., *Blekking, J., Giroux, S., Attari, S. Z., Baylis, K., Evans, T. (2020) *Environmental Research Letters*, 5(11).

Behavioural frameworks to understand public perceptions of and risk response to carbon dioxide removal

Shrum, T., Markowitz, E., Buck, H., Gregory, R., van der Linden, S., Attari, S. Z., and Van Boven, L. (2020) *Interface Focus*, 10.

Shared vision for a decarbonized future energy system in the United States

*Miniard, D., *Kantenbacher, J., and Attari, S. Z. (2020) *Proceedings of the National Academy of Sciences*, 117 (13) 7108-7114

- Media: Washington Post, Salon, In This Climate podcast, Conversation

Credibility, communication, and climate change: How lifestyle inconsistency and do-gooder derogation impacts decarbonization advocacy

*Sparkman, G. and Attari, S. Z. (2020) *Energy Research and Social Science*, 59.

- Media: Forbes

Easy but not effective: Why "turning off the lights" remains a salient energy conserving behaviour in the United States

*Lundberg, D., *Tang, J., and Attari, S. Z. (2019) *Energy Research and Social Science*, 58.

- Media: New York Times

Simple interventions can correct misperceptions of energy use

*Marghetis, T., Attari, S. Z., and Landy, D. (2019) *Nature Energy*, 4(10), 874-881.

- **Correcting consumer misperception**
Asensio, O. I. (2019) *Nature Energy* (News and Views), 4(10), 823-824.

The salience of climate change in farmer decision making within smallholder semi-arid agroecosystems

*Waldman, K. B., Attari, S. Z., *Gower, D. B., Giroux, S. A., Caylor, K. K., and Evans, T. P. (2019) *Climatic Change*, 156(4), 527-543.

Climate change communicators' carbon footprints affect their audience's policy support

Attari, S. Z., Krantz, D. H., and Weber, E. U. (2019) *Climatic Change*, 154(3), 529-545.

- Media: Resources Radio for Resources for the Future (RFF), Forbes, Treehugger, Andlinger Center for Energy and the Environment, NPR, New York Times, Associated Press, Axios, Business Insider

Big, hot, or bright? Integrating cues to perceive home energy use

*Schille-Hudson, E.B., *Marghetis, T., *Miniard, D., Landy, D., Attari, S.Z. (2019) *Proceedings of the 41st Cognitive Science Society* (refereed conference proceeding).

Cognitive biases about climate variability in smallholder farming systems in Zambia

*Waldman, K. B., *Vergopalan, N., Attari, S. Z., Sheffield J., Estes L. D., Caylor, K. K., and Evans, T. P. (2019) *Weather, Climate and Society*, 11(2), 369-383.

Farmer perceptions of conflict related to water in Zambia

*Marcantonio, R. A., Attari, S. Z., and Evans, T. P. (2018) *Sustainability*, 10(2), 313.

Maize seed choice and perceptions of climate variability among smallholder farmers

*Waldman, K.B., *Blekking, J., Attari, S.Z., and Evans, T.P. (2017) *Global Environmental Change*, 47, 51-63.

Perceptions of water systems

Attari, S. Z., *Poinsatte-Jones, K., and *Hinton, K. (2017) *Judgment and Decision Making*, 12(3), 314-327.

- Media: Washington Post, Top of Mind interview on BYUradio, McAlester News-Capital, Great Lakes Echo, The Water Values podcast

Public preferences for species conservation: choosing between lethal control, habitat conservation and no action

*Lute, M. L. and Attari, S. Z. (2017) *Environmental Conservation*, 44(2), 139-147.

Statements about climate researchers' carbon footprints affect their credibility and the impact of their advice

Attari, S. Z., Krantz, D. H., and Weber, E. U. (2016) *Climatic Change* 138(1), 325-338.

- Media: ClimateWire, InsideClimate News, Grist, Science Newsline, Nexus Media, Nature, Physics Today, Business Insider

Energy conservation goals: What people adopt, what they recommend, and why

Attari, S. Z., Krantz, D. H., and Weber, E. U. (2016) *Judgment and Decision Making* 11(4), 342-351.

- Media: Courier-Journal, American Universities Energy Website

Don't rush to flush

*Lute, M. L., Attari, S. Z., and Sherman, S. J. (2015) *Journal of Environmental Psychology* 43, 105-111.

- Media: Pacific Standard Magazine, Herald Times, WFHB Community Radio, Public News Service, The Water Values podcast

Enabling energy conservation through effective decision aids

Attari, S. Z. and Rajagopal, D. (2015) *Journal of Sustainability Education* 8, 1-15.

Reasons for cooperation and defection in real-world social dilemmas

Attari, S. Z., Krantz, D. H. and Weber, E. U. (2014) *Judgment and Decision Making* 9(4), 316-334.

- Media: Psychological Research Stories

The water short list: The most effective actions U.S. households can take to curb water use

*Inskeep, B. I. and Attari, S. Z. (2014) *Environment: Science and Policy for Sustainable Development* 56(4), 4-15 (Cover Article).

- **Smart water use**
O'Riordan, T. (2014). *Environment: Science and Policy for Sustainable Development* 56(4), 2-3 (Editorial).
- Media: Los Angeles Times, Science Friday, National Geographic, Curbed, Indiana Public Media Profiles

Perceptions of water use

Attari, S. Z. (2014) *Proceedings of the National Academy of Sciences* 111(14), 5129-5134.

- **Understanding environmentally significant consumption**
Dietz, T. (2014) *Proceedings of the National Academy of Sciences* 111(14), 5067-5068 (Commentary).
- Media: National Public Radio - Morning Edition, Los Angeles Times, Los Angeles Times Opinion, Chicago Tribune, Conservation Magazine, Ars Technica, Scientific American, Water online, Grist, The Atlantic, The Examiner, Environmental News Network, Medical News Today, Business Standard, Yahoo! News India, Science Newslane, Homeland Security News Wire, The Guardian, Science World Report, Salon, CNBC, The Christian Science Monitor, Hidden Brain NPR

On the importance of strengthening moderate beliefs in climate science to foster support for immediate action

*Wendling, Z. A., Attari, S. Z., Carley, S., Krause, R. M., *Warren, D., Rupp, J., and Graham, J. D. (2013) *Sustainability* 5(12), 5153-5170.

Paying for what was free: Lessons from the New York Times paywall

Cook, J. E. and Attari, S. Z. (2012). *Cyberpsychology, Behavior, and Social Networking* 15(12), 1-6.

- Media: Freakonomics, Smithsonian, Jim Romenesko

Catalyzing frontiers in water-climate-society research: A view from early career scientists and junior faculty

McNeeley, S. M., Tessendorf, S. A., Lazrus, H., Heikkila, T., Ferguson, I. M., Arrigo, S. J., Attari, S. Z., Cianfrani, C. M., Dilling, L., Gurdak, J. J., Kampf, S. K., Kauneckis, D., Kirchhoff, C. J., Lee, J., Litner, B. R., Mahoney, K. M., Opitz-Stapleton, S., Ray, P., South, A. B., Stubblefiel, A. P., and Brugger, J. (2012). *Bulletin of the American Meteorological Society* 93(4), 477-484.

Changing household behaviors to curb climate change: How hard can it be?

Attari, S. Z., DeKay, M. L., Davidson, C. I., and Bruine de Bruin, W. (2011). *Sustainability: The Journal of Record* 4(1), 9-11.

Perceptions of energy consumption and savings

Attari, S. Z., DeKay, M. L., Davidson, C. I., and Bruine de Bruin, W. (2010). *Proceedings of the National Academy of Sciences* 107(37), 16054-16059.

- **Narrowing the US energy efficiency gap**
Dietz, T. (2010). *Proceedings of the National Academy of Sciences* 107(37), 16007-16008 (Commentary).
- **Characterizing perceptions of energy consumption**
Frederick, S. W., Meyer, A. B., and Mochon, D. (2011). *Proceedings of the National Academy of Sciences*, 108(8), E23 (Letter)
- **Reply to Frederick et al.: Anchoring effects on energy perceptions**
Attari, S. Z., DeKay, M. L., Davidson, C. I., and Bruine de Bruin, W. (2011). *Proceedings of the National Academy of Sciences*, 108(8), E24 (Invited letter).
- Media: Slate Magazine, Wall Street Journal, BBC World Service, CNN Money, USAToday, Clean Skies ABC, The Economist, National Geographic, TechCrunch, New York Times, New Scientist, Newsweek, Scientific American, The Daily Climate, Indiana Living Green (cover story)

Preferences for change: Do individuals prefer voluntary actions, soft regulations, or hard regulations to decrease fossil fuel consumption?

Attari, S. Z., Schoen, M., Davidson, C. I., DeKay, M. L., & Bruine de Bruin, W., Dawes, R. M., and Small, M. J. (2009). *Ecological Economics* 68(6), 1701-1710.

- Media: Grist, WNYC National Public Radio, Miller-McCune, WDUQ National Public Radio, Prism Magazine

A deliberative poll on climate change

Cavalier, R., Attari, S. Z., Dawson, T., and Schweizer, V. (2008). *Proceedings of the United Nations Institute for Training and Research Yale Conference on Environmental Governance and Democracy: Institutions, Public Participation and Environmental Sustainability*.

Other publications

Enabling an equitable energy transition through inclusive research

A. P. Ravikumar, E. Baker, A. Bates, D. Nock, D. Venkataraman, T. Johnson, M. Ash, S. Z. Attari, K. Bowie, S. Carley, S. Castellanos, M. Cha, D. L. Clark, D. Deane-Ryan, D. Djokic, J. C. Ford, A. Goldstein, E. Grubert, L. Hu, D. M. Kammen, U. Kosar, C. Miller, M. Pastor and M. Tuominen (2022). *Nature Energy*, Comment.

WaterWorks – an online game

Team: *Knox, C., *Hinton, K., *Bast, B., *Ford, I., *Sridharamurthy, S. H., *Kievit-Kylar, B., *Spiegel, E., Studio Cypher, Sellers, M., and Attari, S. Z. (2019). Published online <http://waterworks.indiana.edu/>

Misperceived energy use and savings

Attari, S. Z. (2018). *Nature Energy*, News and Views, 3, 1029–1030.

Reports

Twenty questions about design behavior for sustainability

Akerlof, K. *et al.* (2019) *Nature Sustainability*

Does information feedback from in-home devices reduce electricity use? Evidence from a field experiment

Attari, S. Z., Gowrisankaran, G., *Simpson, T., and Marx, S. M.

National Bureau of Economic Research (NBER) working paper series 20809

Success paths to sustainable manufacturing

Carley, S., Jasinowski, J., *Glassley, G., *Strahan, P., Attari, S. Z., and Shackelford, S. (2014)

Campus conversations: Climate change and the campus

Cavalier, R. *et al.* (2009). Southwestern Pennsylvania program for deliberative democracy.

Analysis of green energy options for the Phipps conservatory

Attari, S. Z., Gilmore, E., Grieshop, A., and Samaras, C. (2006). Presented to Executive director of Phipps Conservatory and Botanical Gardens, Richard Piacentini.

Life cycle assessment of waterless urinals

Attari, S. Z., Boonyachut, N., Lieberman, D., and McCarthy, N. (2005).

Essays

Decades of public messages about recycling in the US have crowded out more sustainable ways to manage waste

*Barnett, M., *Hancock, P., Klotz, L., and Attari, S. Z. (July 24, 2023) *The Conversation*

Both conservatives and liberals want a green energy future, but for different reasons

*Miniard, D., *Kantenbacher, J., and Attari, S. Z.; Edited by Jennifer Weeks (May 5, 2020) *The Conversation*

No one's perfect: How to advocate for climate conservation anyway

Attari, S. Z. (April 16, 2018) *Behavioral Scientist*

The behavioronomics of paywalls

Cook, J. E. and Attari, S. Z. (January 31, 2013) *The European*

How much energy does that device use?

Attari, S. Z. (September 23, 2010) *Climate Central*

The collective action curse

Attari, S. Z. (December 10, 2009) *State of the Planet by the Earth Institute*

Letter to the 2008 presidential candidates on energy and sustainability

Attari, S. Z., Azevedo, I., Flath, B., and Samaras, C. (November 20, 2007). National winner: Johnson Controls “Tomorrow’s Energy Ambassadors, Managers and Scholars” essay competition, won a \$10,000 scholarship fund for Carnegie Mellon University. Published in *USA Today*, Washington DC and Pittsburgh editions.

Letter to the editor on voluntary simplicity

Attari, S. Z. (September/October 2006). *Technology Review*.

Teaching

Energy Systems in Transition – Graduate students

This is a graduate level highly interdisciplinary *overview* course that introduces the basic elements of energy and energy systems. Students taking this course learn about energy sources, how they work, and how the nature of sources shapes their roles within the energy sector. Students taking this course will acquire the ability to think and write critically about energy systems and energy transitions. Students will gain a level of familiarity with the complex problems associated with energy use to understand how to begin solving the challenges related to decarbonization.

Human Behavior and Energy Consumption (HBEC) – Two versions: graduate and undergraduate students

I designed HBEC to enable students to create solutions for behavior change in their local communities. This course is aimed at understanding *which* behaviors communities ought to change and *how* to change those behaviors independent of top-down regulations. Students who complete this course will (1) understand the nature of energy and behavior, (2) understand and analyze which behaviors to change, (3) understand how to change behaviors, and (4) use the tools provided in class to create solutions for decreasing energy use.

Environment and People – Undergraduate students

This is an introductory course that examines how humans interact with their environment. This course covers multiple topics centered on the human dimensions of environmental change. The overarching objective is to develop an understanding of our impact on the planet and possible solutions to environmental degradation.

Presentations

2024

Indiana University’s 2024 Preparing Future Faculty (PFF) Conference
Society for Personality and Social Psychology’s Sustainability Psychology Preconference (Keynote)
University of British Columbia - Psychology colloquium (*Scheduled*)
University of British Columbia - Decision Insights for Business & Society (*Scheduled*)
Penn State University - Climate Solutions Symposium (*Scheduled*)
Stanford University - Doerr School of Sustainability (*Scheduled*)

2023

The Lawrenceville School (Grade 9-12)
The Ohio State University (*Decisions, Cognition, and the Climate Crisis*)
National Academies of Sciences, Engineering and Medicine (*Integrating the Human Sciences to Scale Societal Responses to Environmental Change: A Workshop*)
National Academies of Sciences, Engineering and Medicine (*Public seminar for Board on Environmental Change and Society (BECS)*)
WISE Planet (Women in Science and Engineering for a Diverse and Sustainable Planet) program at University of Calgary
Bellagio Brain Trust: Standards setting on carbon markets (*Rockefeller Foundation*)

2022

Indiana University—Purdue University Columbus – K-12 teachers Indiana book club discussant
University of Southern California – Social Psychology Brown Bag Series, Center for Economic and Social Research (CESR), Behavioral Science and Well-Being Initiative, School of Law
Indiana Academy of Sciences (Keynote)
The Lawrenceville School (Grade 9-12)
New York University – Wagner Graduate School of Public Service

2021

Sustainability Preconference – Society for Personality and Social Psychology (Keynote)
Climate Museum – On climate grief (Panel)
Sustainability Scholars, IU
Syracuse University – Volcker Symposium
The Exchange & National Academies – The Power of Stories: Writing the Future of Our Planet (Moderator)
Nudgestock 2021
Cognitive Science and Climate Change workshop at CogSci 2021
Society of Experimental Social Psychology – Invited Symposium in Santa Barbara CA
University of California, Santa Barbara – Bren School
University of California, Santa Barbara – Conference on Social Science & Climate Change Solutions
Bilkent University, Ankara Turkey – Psychology
NSF Advisory Committee of Environmental Research and Education
Princeton University – Energy Conference 2021
University of California, Berkeley – Energy and Resources Group

2020

Indiana University Bloomington – Civic Leaders Center
American Museum of Natural History – SciCafe
Princeton University – Center for Policy Research on Energy and Environment and the Kahneman-Treisman Center for Behavioral Science & Public Policy
Princeton University – Conversations on the Environment, Responsible Energy and Life
Solve Climate 2030 (Indiana statewide)
NOVA – WGHB webinar
Indiana University Bloomington – Environmental Science
Purdue University – Women in Science Programs
Trinity College Dublin – School of Psychology
American Psychological Association
Division 34 – Society for Environmental, Population, and Conservation Psychology
London School of Economics and Political Science – Psychological and Behavioural Science
Behavioural Climate Policy conference – Panelist (UC Boulder)
Indiana University Bloomington – Hudson and Holland Scholars Series
National Science Foundation – Internal Sustainability Event
University of Virginia – Convergent Behavioral Science Initiative
DePauw University – Ullem Center for Sustainability
Behavior, Energy and Climate Change (BECC) webinar
Central Midwest Climate Summit
Indiana University Bloomington – Post-election panel on climate and energy

2019

Vanderbilt University – Behavioral Wedge: Ten years later
Rare & National Geographic BE.Hive: Climate Change Needs Behavior Change
Indiana University Bloomington – Environmental Policy Seminar
Indiana University Bloomington – Student Organization for Cognitive Science

Indiana University Bloomington O'Neill School of Public and Environmental Affairs – Dean's Council
Gordon Research Conference (Carbon Capture, Utilization and Storage)
National Academy of Sciences (Science & Entertainment Exchange)
Rotary Club of Monticello, White County, Indiana (IU Bicentennial Lecture)
Rotary Club of Carmel, Hamilton County, Indiana (IU Bicentennial Lecture)
University of Massachusetts at Amherst (Department of Environmental Conservation)

2018

Stanford Environment and Behavior Group
Center for Advanced Study in the Behavioral Sciences
Stanford University (Social Psychology)
Lawrence Livermore National Laboratory
The Interval at The Long Now Foundation
Headlands Center for the Arts (Residency on Climate Change)
Northwestern University (Media, Technology & Society)
University of Washington (Center for Environmental Politics)
Association for Public Policy Analysis and Management (Discussant)
George Mason University (Communications)
American Geophysical Union

2017

Indiana University Bloomington (SPEA Dean's Junior Faculty Seminar)
Indiana University Bloomington (SPEA Dean's Doctoral Seminar)
Indiana University Bloomington (SustainIU Week 2017, Panel on climate change communication)
University of Colorado Boulder (Environmental Studies)
University of Illinois at Urbana-Champaign (Department of Agricultural and Consumer Economics)
Michigan State University (Plenary, Fate of the Earth: Climate-Food-Energy-Water Nexus)
Midwest Undergraduate Cognitive Science Conference (Keynote)
University of Colorado Boulder (Colorado Climate Retreat)
University of California, Merced (School of Natural Sciences)
University of California, Berkeley (Institute of Personality and Social Research)
Center for Advanced Study in the Behavioral Sciences (Board of Directors)
The Ohio State University (John Glenn College of Public Affairs)

2016

Stanford University (Management Science and Engineering & Precourt Institute for Energy)
Society for Personality and Social Psychology (Sustainability preconference)
Indiana University Bloomington (Environmental Policy Seminar)
Syracuse University (Civil and Environmental Engineering)
Indiana University Bloomington (Student Organization for Cognitive Science)
Indiana University Bloomington (Net Impact – Conversation about Conference of the Parties, COP 21)
Columbia University (Center for Research on Environmental Decisions)
Headlands Center for the Arts (Residency on Climate Change)
Indiana University Bloomington (Roundtable discussion on perceptions of climate change risk with Paul Slovic, John Graham, and John Applegate)
Citywide Sustainability Summit - Louisville, Kentucky (Keynote)

2015

Indiana University Bloomington (Hutton Honors College Workshop)
Arizona State University (Urban Water Demand Roundtable)
University of California – Davis (Environmental Science and Policy)
New York University (Environmental Studies)
Columbia University (Webinar w/ David H. Krantz – Center for Research on Environmental Decisions)

University of Vermont (Integrative Graduate Education and Research Traineeship (IGERT) Smart Grid Seminar Series)
 University of Vermont (Gund Institute for Ecological Economics)
 Engineering Sustainability 2015 (Plenary speaker)
 University of Southern California (Emerging Perspectives in Environmental Decision Making)
 Indiana Mini University Alumni Education
 Indiana University Bloomington (School of Public and Environmental Affairs)
 University of Texas at Austin (Lyndon B. Johnson School of Public Affairs, Energy Symposium)
 Indiana University Bloomington (Public Policy and International Affairs Program & Network of Schools of Public Policy, Affairs, and Administration PPIA/NASPA conference on Moving the World Forward: Exploring a Life in Public Service)
 Indiana University Bloomington (Center for Excellence for Women in Technology)
 Department of Energy, SunShot Initiative (Decision Science and Market Transformation Pathways, co-sponsored by American Academy of Arts and Sciences and Association for Psychological Sciences)

2014

Bloomington Commission on Sustainability
 Oberlin College (Department of Economics)
 Indian Institute of Technology – Bombay (Centre for Environmental Science and Engineering)
 TEDx Bloomington
 Columbia University (Center for Research on Environmental Decisions)
 University of Warwick (Warwick Business School – Decision Research @ Warwick)
 Indiana Mini University Alumni Education
 WaterSmart Software (Webinar for water utilities)
 The Ohio State University (School of Environment and Natural Resources)
 Vanderbilt University (Vanderbilt Institute for Energy and Environment & Vanderbilt Law School)
 Discussant for 'The wisdom to survive: Climate change, capitalism, and community' (Center for sustainable living and the applied community commons working group)
 Society of Judgment and Decision Making (Annual conference)
 University of Michigan, Ann Arbor (Ford School of Public Policy)
 Indiana's Water Research Needs (Keynote for conference)

2013

Wisconsin Integrated Resource Management (Keynote for conference)
 University of Illinois at Urbana-Champaign (Department of Physics)
 Green Drinks Bloomington
 International Congress on Sustainability Science and Engineering (Keynote for session)
 Indiana University Bloomington (Department of Geography)

2012

Indiana University Bloomington (Workshop on Political Theory and Policy Analysis)
 Indiana University Bloomington (Research and Professional Development Seminar - Public Affairs and Public Policy)
 Indiana University Bloomington (Social Psychology Seminar Series)
 University of Calgary (Institute for Sustainable Energy, Environment and Economy Seminar)
 Indiana University Bloomington (Changing American National Security Priorities)

2011

Indiana University Bloomington (School of Public and Environmental Affairs)
 University of Arizona (Consumers, Environment & Sustainability Initiative)
 MIT (Sloan School of Management)
 Yale University (School of Forestry & Environmental Studies)
 Northeastern University (Civil and Environmental Engineering)

Columbia University (Center for International Earth Science Information Network)
 Future Energy Conference (Invited panelist, Portland, OR)
 Environmental Protection Agency, Region 10, Seattle, WA
 The Garrison Institute, Garrison, NY
 Department of Defense & National Defense University, Washington, DC
 National Energy and Utility Affordability Conference, Fort Lauderdale, FL
 The Society of Environmental Journalists (Invited panelist, Climate change as a cultural issue)
 University of Miami (Rosenstiel School of Marine and Atmospheric Science)
 Indiana University Bloomington (Department of Psychology)
 Annual Meeting of the Society of Judgment and Decision Making
 Behavior, Energy, and Climate Change (Panelist, Climate denial, public attitudes, and behavioral missteps)

2010

Rutgers University (Human Ecology)
 The Garrison Institute, Garrison, NY
 New York University (Center for the Sustainable Built Environment)
 U.S. Green Building Council (Board of directors of Urban Green)
 University of Minnesota (Carlson School of Management)
 Environmental Protection Agency, Region 2, New York, NY
 Department of Energy, Working meeting on energy literacy, Washington, DC

2009

Texas A&M (Industrial and Systems Engineering)
 University of Colorado Boulder (Environmental Studies)
 United States Society for Ecological Economics, Washington, DC
 Association of Environmental Engineering and Science Professors, Iowa City, IA
 13th International Conference on Social Dilemmas, Kyoto, Japan
 Columbia University (Center for Research on Environmental Decisions)
 Behavior, Energy, and Climate Change
 Annual Meeting of the Society of Judgment and Decision Making
 Rutgers University (Environmental Science)
 Freie Universität, Berlin, Germany

2007

Engineering Sustainability 2007, Pittsburgh, PA
 Association of Environmental Engineering and Science Professors, Blacksburg, VA

2006

Sustainable Consumption Research Exchange, Wuppertal, Germany

Advisee Grants

Graduate Sustainability Research Development Grant, IU
 Deidra Miniard 2020 (\$9,100)
 Daniel Lundberg, Janine Tang, and Adam Swiatkowski 2017 (\$4,600)
 Shree Harsha Sridharamurthy and Ian Ford 2016 (\$10,000)
 Richard Marcantonio 2015 (\$8,200)
 Kelsey Poinsett-Jones 2014 (\$5,690)

Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis, IU
 Michelle Lute 2015 (\$5,100)

Hutton Honors College Research Grant, IU
Matthew Eitel 2021 (\$3,000)

Advising

Undergraduate students

Ty Trapp, 2023 – present, Cox Scholar
Matthew Eitel, 2021 – 2022, O'Neill
Adam Swiatkowski, 2016 – 2018, Cox Scholar
Janine Tang, 2015 – 2018, Sustainability 2020 Scholar
Carissa Knox, 2014 – 2017, Cox Scholar
Claire Dorner, 2016 – 2017, Sustainability 2020 Scholar
Haley Clements, 2016, SPEA
Lillian Kinder, 2014, SPEA
Tarlie Townsend, 2014, Neuroscience and Germanic studies
Nicholas Males, 2013, SPEA

Masters students (for a complete list see website)

Ananya Rao, 2020 – 2022, O'Neill
Alora Cains, 2020 – 2022, O'Neill
Daniel Lundberg, 2015 – 2019, SPEA
Katie Halpin, 2018, School of Education
Shahera Omar, 2017 – 2018, SPEA
Steven Bakovic, 2016, SPEA
Erich Christian, 2016, SPEA
Seth Watkins, 2016 – 2017, SPEA
Yu Song, 2015 – 2016, SPEA
Richard Marcantonio, 2015 – 2016, SPEA
Kelsey Hinton, 2014 – 2015, SPEA
Kelsey Poinsett-Jones, 2013 – 2014, SPEA
Carolyn Raider, 2013, SPEA

PhD progress review committee

Brad Rogers, 2017, Cognitive Science
Edgar Espinoza, 2016, Geography
Ursula Kreitmair, 2016, SPEA
Benjamin Inskeep, 2013, SPEA
Maithreyi Gopalan, 2013, SPEA
Jose Iracheta, 2012, SPEA

PhD Chair

Deidra Miniard, 2017 – present, O'Neill

PhD committee member

Edgar Espinoza (2018) Cognitive, valuatative, and structural influences on pro-environmental land management in a coupled human-fluvial system, Geography IU
Ursula Kreitmair (2016) Observing others: The effect of behavioral information on collective action in social dilemmas, SPEA IU
Katherine Fox-Glassman (2015) Natural hazards and climate change as dread risk, Psychology, Columbia University
Norbert Chan (2014) The paradox of authoritarian information processing, SPEA IU
Yoko Iwaki (2011) Cross-cultural comparisons in environmental behaviors between Japan and US, Columbia Business School

Postdoctoral advisee

Joe Kantenbacher, 2018 – 2020

Tyler Marghetis, 2017 – 2019

Kurt Waldman, 2015 – 2018

Michelle Lute, 2014 – 2015

Service

Field

2022	Roundtable on Countering “Delayism” and Communicating the Urgency of Climate Action at the White House Office of Science & Technology Policy
2021 – 2023	National Academy of Sciences, Engineering, and Medicine Committee: Anticipatory Research for EPA’s Research and Development Enterprise to Inform Future Environmental Protection: The Road Ahead
2020 – Present	American Council for an Energy-Efficient Economy (ACEEE) Research Advisory Board
2017 – Present	Founding columnist for <i>Behavioral Scientist</i> , a non-profit magazine
2016 – Present	Editorial Advisory Board for journal <i>Nature Sustainability</i>
2018 – 2019	American Association of University Women (AAUW) 2019 fellowships and grants selection panel
2016	National Science Foundation (Invited panel reviewer: Experimental Program to Stimulate Competitive Research (EPSCoR))
2014	National Science Foundation (Invited panel reviewer: Urban Sustainability Research Networks (SRN))
2013	Purdue University (Invited external review committee, Ecological Sciences and Engineering)
2012	U.S. Department of Energy (Invited expert reviewer, Energy-Efficient Product Procurement portfolio in the Federal Energy Management Program)
2012	National Science Foundation (Invited panel reviewer: Dynamics of Coupled Natural and Human Systems Program (CNH))
2011	Garrison Institute (Invited advisor, Climate, Mind and Behavior strategic planning meeting)
2010	U.S. Department of Energy (Invited expert, Energy literacy working meeting)
2010	Indiana University Bloomington (Invited expert, Public attitudes toward carbon capture and storage)

Indiana University

2024 – Present Promotion and Tenure Committee for O’Neill

2023 – Present	“Environment at IU” Committee Chair
2023 – Present	Cluster hire at O’Neill Committee member
2023 – Present	Patten Lecture Committee
2023 – Present	Integrated Program on the Environment executive committee
2023 – Present	Campus-level Tenure Advisory Committee
2023 – Present	Awards Committee O’Neill
2023 – Present	Environment Resilience Institute Steering Committee
2022	Diversity in STEM panel – Women in STEM LLC
2021 – 2022	Social Sciences Council
2020	Diversity, Equity, and Inclusion Summit Program Proposal Committee for O’Neill
2020 – Present	Advisory Board for the Observatory on Social Media
2020 – 2023	Personnel Committee for O’Neill
2020 – Present	Steering Committee for Environmental Resilience Institute
2020 – 2022	Strategic Planning Committee for O’Neill
2019	Technical reviewer for IU Grand Challenge proposals - Prepared for Environmental Change
2018 – 2019	Search committee for SPEA’s Dean
2018 – 2019	Search committee for Human Ecology
2018 – 2019	Search committee for Sustainable Food Systems
2016 – 2019	MPA graduate curriculum committee
2015 – 2017	Environmental Science PhD committee
2014 – 2017	MSES/MPA Water Management Concentration Advisor
2012 – Present	MPA Sustainability and Sustainable Development Concentration Advisor
2012 – Present	MSES/MPA Energy Concentration Advisor
2012 – Present	Created and maintain sustainability/energy resource distribution list for students
2015 – 2016	SPEA awards committee
2016	Faculty media workshop “Reach Out”, SPEA

2015 – 2016	Active in four of five <i>Grand Challenge</i> proposals submitted to IU
2015 – 2016	Successfully nominated Paul Slovic for IU's Patten Lectureship
2015	Discussant for Ostrom Workshop Mini Conference
2014 – 2016	Research Committee for the Workshop on Political Theory and Policy Analysis
2014 – 2015	Search committee for Environmental Policy position
2014	Visited Indian Institute of Technology – Bombay and Indian Institute of Management – Shillong to set up joint partnership and programs with SPEA
2013	Invited panelist on diversity, SPEA undergraduate student association
2013	Member of Indiana University's Strategic Planning Initiative, International Initiatives-Students, Invited by the Provost of Indiana University Bloomington
2012 – 2014	SPEA Research Publication/Productivity Enhancement Committee
2012	Invited speaker and panelist, Preparing Future Faculty Conference: Navigating the Job Market in the Social Science, Indiana University Bloomington
2012	Search committee for Environmental Economist visiting lecturer position
2012	Co-organized the second annual Governance and Management SPEA research retreat
2012	MSES Curriculum Committee
2011	Search committee for Industrial Ecologist and Life Cycle Analysis faculty position
2010	Carbon Management and Decision Making – Created course for Masters students at Columbia University's Climate and Society program

Professional Development

2020	Climate Storytelling Workshop, Columbia University
2019	Invited participant, Feminist Climate Renaissance, West Creek Ranch, MT
2018	Invited participant, Science Foo Camp (SciFoo), Googleplex, Mountain View, CA
2013	National Academies Keck Future Initiatives (NAKFI) conference: The future of advanced nuclear technology – Building a healthier and safer planet
2013	Faculty Success Program, operated by the National Center for Faculty Development and Diversity
2012 – 2013	Faculty Learning Community, Center for Innovative Teaching and Learning's Course Development Institute
2011	Invited participant, Science Foo Camp (SciFoo), Googleplex, Mountain View, CA

2010	Invited participant, Science Foo Camp (SciFoo), Googleplex, Mountain View, CA
2010	Conference attendee, 8th Annual National Center for Atmospheric Research (NCAR) - Early Career Scientist Assembly, Junior Faculty Forum, Boulder, CO
2010	Conference attendee, Managing transitions to sustainable communities and regions, Cornell University, Ithaca, NY
2010	Conference attendee, DISsertation initiative for the advancement of Climate Change ReSearch V (DISCCRS V), Phoenix, AZ
2010	Paid survey consultant, New York, NY
2009	Transatlantic climate bridge workshop, Freie Universität, Berlin, Germany
2009	United Nations Framework Convention on Climate Change - Conference Of the Parties (COP-15), Copenhagen, Denmark
2009	Moderator, Deliberative democracy: A conversation between scientists and public on climate change, Pittsburgh, PA
2008	Summer intern, Resources for the Future, Washington, DC
2002 – 2004	Resident advisor, Allen Hall, University of Illinois at Urbana-Champaign

Reviewing

Ad hoc Journal Reviewing:

Behavioral Science and Policy, Climatic Change, Climate Policy, Climate Research, Cognitive Science, Decision, Ecological Economics, Energy Efficiency, Energy Policy, Environmental Politics, Environmental Research Letters, Energy Research and Social Science, Environmental Science & Technology, Environment, Systems and Decisions, Global Environmental Change, Journal of Environmental Psychology, Journal of Judgment and Decision Making, Human and Ecological Risk Assessment, Management Science, Nature Climate Change, Nature Energy, Nature Sustainability, Population and Environment, Proceedings of the National Academy of Sciences, Public Opinion Quarterly, Risk Analysis, Sustainability

Conferences:

Society of Judgment and Decision Making (2012, 2018, 2020)

Proposals:

Andrew Carnegie Foundation
 Swedish Research Council
 Economic and Social Research Council, UK
 National Science Foundation
 Social Sciences and Humanities Research Council of Canada

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