

Kimberly S. Wolske

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EDUCATION

- 2011 PhD, Natural Resources & Policy; Focus: Environmental Psychology
School of Natural Resources & Environment, University of Michigan
- 2005 M.S., Natural Resources & Policy; Focus: Environmental Education
School of Natural Resources & Environment, University of Michigan
- 2003 B.A., *Summa Cum Laude*, Environmental Studies; Minor: Art
Connecticut College

ACADEMIC APPOINTMENTS

- 2016 – present **Research Associate (Assistant Professor)**
Harris School of Public Policy, University of Chicago
- 2015 – 2016 **Research Investigator**
Erb Institute for Global Sustainable Enterprise, University of Michigan

OTHER AFFILIATIONS

- 2016 – present **Research Fellow**
Energy Policy Institute at the University of Chicago (EPIC)

PROFESSIONAL EXPERIENCE

- 2012 – 2015 **Research Management Fellow**, Erb Institute, University of Michigan
- 2014 – 2016 **Consultant**, Porter Family Foundation – Ann Arbor, MI
- 2015 **Consultant**, Verdis Group – Omaha, NE
- 2011 – 2013 **Consultant**, Opower – Arlington, VA

PEER-REVIEWED JOURNAL ARTICLES

Authorship in order of contribution; * Shared first authorship, ^ Shared second (or later) authorship

- 2020 Brough, A.R., Donnelly, G.E., Griskevicius, V., Markowitz, E.M., Raimi, K.T., Reeck, C., Trudel, R., Waldman, K.B., Winterich, K.P., and **Wolske**, K.S. (*forthcoming*). Understanding How Sustainable Initiatives Fail: A Framework to Aid Design of Effective Interventions. *Social Marketing Quarterly*. (Authors in alphabetical order)
- 2020 Nielsen, K.S., Stern, P.C., Dietz, T., Gilligan, J.M., Vuuren, D.P. van, ^Figuerola, M.J., ^Folke, C., ^Gwozdz, W., ^Ivanova, D., ^Reisch, L.A., ^Vandenbergh, M.P., ^**Wolske**, K.S., & ^Wood, R. (2020). Improving climate change mitigation analysis: A framework for examining feasibility. *One Earth*, 3(3), 325–336.
<https://doi.org/10.1016/j.oneear.2020.08.007>

- 2020 Montgomery, A.W., **Wolske**, K.S., & Lyon, T.P. The Millennial ‘meh’: Correlated groups as collective agents in the automobile field. *Journal of Management Studies*, <https://doi.org/10.1111/joms.12606>
- 2020 **Wolske**, K.S., Gillingham, K.T., & Schultz, P.W. Peer influence on household energy behaviours. *Nature Energy*, 1–11. <https://doi.org/10.1038/s41560-019-0541-9>
- 2020 **Wolske**, K.S. More alike than different: Profiles of high-income and low-income rooftop solar adopters in the United States. *Energy Research & Social Science*, 63, 101399. <https://doi.org/10.1016/j.erss.2019.101399>
- 2020 Raimi, K.T., **Wolske**, K.S., [^]Hart, P.S., & [^]Campbell-Arvai, V. (first online 2019) The Aversion to Tampering with Nature (ATN) Scale: Individual Differences in (Dis)comfort with Altering the Natural World. *Risk Analysis*. <https://doi.org/10.1111/risa.13414>
- 2019 Lemos, M.C., **Wolske**, K.S., Rasmussen, L.V., Arnott, J., Kirchoff, C., & Kalcic, M. The closer, the better? Untangling scientist-practitioner interaction, knowledge use, and co-production. *Weather, Climate and Society*, 11: 535-548. <https://doi.org/10.1175/WCAS-D-18-0075.1>
- 2019 **Wolske**, K.S., [^]Raimi, K.T., [^]Campbell-Arvai, V. & [^]Hart, P.S. Public support for carbon dioxide removal technologies: The role of tampering with nature perceptions. *Climatic Change*, 152(3-4): 345-361. <https://doi.org/10.1007/s10584-019-02375-z>
- 2018 **Wolske**, K.S., Todd, A., Rossol, M., McCall, J. & Sigrin, B. Accelerating demand for residential solar PV: Can simple framing strategies increase consumer interest? *Global Environmental Change*, 53: 68-77. <https://doi.org/10.1016/j.gloenvcha.2018.08.005>
- 2017 Stern, P.C. & **Wolske**, K.S. Limiting climate change: What’s most worth doing? *Environmental Research Letters*. 12: 091001.
- 2017 ^{*}Campbell-Arvai, V., ^{*}Hart, P. S., ^{*}Raimi, K.T. & ^{*}**Wolske**, K.S. The influence of learning about carbon dioxide removal (CDR) on support for mitigation policies. *Climatic Change*, 143(3-4): 321-336. **(shared first authorship)** <https://doi.org/10.1007/s10584-017-2005-1>
- 2017 **Wolske**, K.S., Stern, P. C., & Dietz, T. Explaining interest in adopting residential solar photovoltaic systems in the United States: Toward an integration of behavioral theories. *Energy Research & Social Science*, 25, 134–151. <https://doi.org/10.1016/j.erss.2016.12.023>

EDITED BOOK CHAPTERS

- 2018 ^{*}**Wolske**, K.S. & ^{*}Stern, P.C. Contributions of psychology to limiting climate change: Opportunities through consumer behavior. In S. Clayton & C. Manning (Eds.), *Psychology and Climate Change: Human Perceptions, Impacts, and Responses*. Elsevier Academic Press, pp. 127-160. <https://doi.org/10.1016/B978-0-12-813130-5.00007-2>
- 2018 Stern, P.C., Wittenberg, I., **Wolske**, K.S., & Kastner, I. Household production of photovoltaic energy: Issues in economic behavior. In A. Lewis (Ed.), *Cambridge Handbook of Psychology and Economic Behavior* (2nd ed.). New York: Cambridge University Press, pp. 541-566. bit.ly/HouseholdPV

- 2014 Zint, M., & **Wolske**, K. From information provision to participatory deliberation: Engaging residents in the transition toward sustainable cities. In D. Mazmanian & H. Blanco (Eds.), *The Elgar companion to sustainable cities: Strategies, methods and outlook*. Northampton, MA: Edward Elgar Publishing.

PEER-REVIEWED TECHNICAL REPORTS

- 2015 **Wolske**, K. Ch. 2 Public Participation. In High Volume Hydraulic Fracturing in Michigan Integrated Assessment Final Report. Graham Sustainability Institute Integrated Assessment Report Series. Ann Arbor, MI: University of Michigan. Available at: <http://graham.umich.edu/media/files/HF-IA-Final-Report.pdf>
- 2013 **Wolske**, K., Hoffman, A., & Strickland, L. (2013). Public perceptions of high-volume hydraulic fracturing and deep shale gas development. Graham Sustainability Institute Integrated Assessment Report Series, Volume II, Report 8. Ann Arbor, MI: University of Michigan. Available at: <http://graham.umich.edu/media/files/HF-08-Public-Perceptions.pdf>

WEBSITES

- My Environmental Education Evaluation Research Assistant (MEERA), <http://meera.seas.umich.edu/>. Co-developed with Michaela Zint (PI), Jason Duvall, Nick Montgomery. MEERA is an online learning resource to help environmental educators learn how to evaluate their programs.

RESEARCH GRANTS

- 2019 – 2021 **Acceptability of products containing captured CO2: The role of trust, risk perceptions, and product framing.** *University of Michigan Energy Institute*. Co-PI with Victoria Campbell-Arvai, P. Sol Hart, Kaitlin T. Raimi. September 2019 – February 2021, \$24,290.
- 2016 – 2020 **Unlocking Widespread Solar Adoption: Understanding Preferences of Low-to-Moderate Income Households to Create Scalable, Sustainable Models.** PI: Ben Sigrin, National Renewable Energy Laboratory. Department of Energy, SunShot Solar Energy Evolution and Diffusion Studies II. \$1.35M (PI, University of Chicago subcontract and co-author of proposal, \$186,702).
- 2016 – 2017 **The role of naturalness and tradeoffs in perceptions of carbon dioxide removal (CDR) and climate change mitigation.** *University of Michigan Energy Institute*. Co-PI with Victoria Campbell-Arvai, P. Sol Hart, Kaitlin T. Raimi. June 2016 – June 2017, \$20,000.
- 2016 **Investigating the uptake of climate science information: Does the communication channel matter?** Subcontract on “Water Science Climate” NSF grant held by Maria Carmen Lemos. April - Sept. 2016, \$17,659.
- 2016 **The influence of carbon dioxide reduction (CDR) technology information on support for climate change mitigation strategies.** *University of*

- Michigan Energy Institute. Co-PI with Victoria Campbell-Arvai, P. Sol Hart, Kaitlin T. Raimi. February – June 2016, \$18,735.
- 2015 – 2018 **What’s driving Millennial travel behavior? An exploratory study.** Co-PI with Thomas P. Lyon. *Alfred P. Sloan Foundation*, Dec. 2015 – October 2018, \$72,846.
- 2015 – 2016 **Investigating public perceptions of water-related climate change impacts in the Great Lakes Region.** University of Michigan Water Center/Erb Family Foundation, December 2015 – February 2016, \$20,000.
- 2015 **Uptake of Climate Impacts and Adaptation Tool (CIAT).** Subcontract to experimentally test usability of tool developed for the Graham Integrated Assessment Great Lakes Cities Project. Co-PI Avik Basu, 2015. \$20,951.
- 2013 – 2016 **Understanding the Evolution of Customer Motivations and Adoption Barriers in Residential Photovoltaics Markets.** Partner with Easan Drury/Ben Sigrin, National Renewable Energy Lab (PI) and others. Department of Energy, SunShot Solar Energy Evolution and Diffusion Studies, 2013 – 2016. \$2.26M (\$110,000 subcontract).

PRESENTATIONS

Conference Presentations (competitive submission)

- 2020 Solar for all: Using psychology to increase the reach of subsidized rooftop solar programs. Poster presented at the 9th annual Society for Personality and Social Psychology Sustainability Pre-conference. New Orleans, LA. February 27, 2020.
- 2019 Support for Carbon Dioxide Removal: The Role of Tampering with Nature Perceptions. Presentation at the American Psychological Association annual convention, Chicago, IL. August 10, 2019.
- 2018 The closer, the better? Untangling scientist-practitioner engagement, interaction, and knowledge use. Presentation at the American Geophysical Union Fall Meeting. Washington, DC. December 12, 2018.
- 2018 Expanding Rooftop Solar Adoption: Comparing Low- and High-Income Households. Presentation at the Behavior, Energy, and Climate Change Conference 2018. Washington, DC. October 8, 2018.
- 2018 Unlocking Widespread Solar Adoption: Comparing Motivations and Barriers of Low and High Income Households in the United States. Presentation at the 29th annual International Conference of Applied Psychology, Montreal, Quebec, June 26-30, 2018.
- 2017 Framing Climate Change Solutions: Exploring strategies to engage people across the political spectrum. Poster presented at the 5th annual Sustainability Psychology preconference of the Society for Personality and Social Psychology annual convention, San Antonio, TX, January 19, 2017.
- 2016 What Drives Interest in Rooftop Solar? Insights from the Field and Theory. Presentation at the 10th annual Behavior, Energy, and Climate Change conference, Baltimore, MD, October 19 – 22, 2016.

- 2015 Crafting Climate Change Communications: Do Local and Adaptation Frames Help? Presentation at the 9th annual Behavior, Energy, and Climate Change conference, Sacramento, CA, October 18 – 21, 2015.
- 2009 The Green Energy Challenge: Helping citizens overcome the psychological barriers to living a lower-carbon lifestyle. Poster presented at the 3rd annual Behavior, Energy, and Climate Change Conference, Washington, D.C., November 15-18, 2009.
- 2005 Introducing a web-based “clearinghouse” for Great Lakes education. (With M. Zint) Paper presented at the 66th annual Midwest Fish & Wildlife Conference, Grand Rapids, MI, December 11 – 14, 2005.
- 2005 Revitalizing Riverside: Community perspectives on enhancing an urban park. (With J. Duvall) Paper presented at the 36th annual meeting of the Environmental Design Research Association, Vancouver, B.C., April 27 – May 1, 2005.

Invited Talks & Panels

- 2020 Understanding Public Response to Carbon Dioxide Removal. UCSB Bren School of Environmental Science & Management. November 9, 2020.
- 2020 Presidential Forum and Town Hall with past, present, and incoming Division 34 presidents. American Psychological Association Division 34: Society for Environmental, Population, and Conservation Psychology. August 7, 2020.
- 2020 Using Behavioral Science to Encourage Household Energy Investments: Lessons Learned and Policy Opportunities. Center for Environmental Politics seminar, University of Washington. (*Postponed* because of Covid-19)
- 2019 Improving the state of our field: Concrete steps towards a more robust psychological science. Panel at the American Psychological Association Annual Convention, Chicago, IL. August 10, 2019.
- 2019 Encouraging Household Energy Investments: Lessons learned and research needs. Presentation at the 11th Triennial Choice Symposium, Cambridge, Maryland. May 30, 2019.
- 2019 Influencing Consumer Energy Investments: Challenges and Opportunities for Policy. Presentation at BW+10: The Tenth Anniversary of the Behavioral Wedge Workshop. Vanderbilt University Law School, Nashville, TN, February 28 – March 1, 2019.
- 2019 Motivations and barriers to rooftop solar: A comparison of high- and low-income adopters in California. Presentation at the 8th annual Society for Personality and Social Psychology Sustainability Pre-conference. Portland, OR, February 7, 2019.
- 2018 Communicating Climate Change: Insights from Social Science. Panorama Actual de las Ciencias Atmosféricas (Atmospheric Science Current Outlook) 2018. Center of Atmospheric Sciences, National Autonomous University of Mexico, Mexico City, August 9, 2018.
- 2014 Reducing Customer Acquisition Soft Costs through Randomized Controlled Experiments. 2014 Sunshot Summit breakout session: The new science

- of soft costs. U.S. Department of Energy Sunshot Grand Challenge Summit and Peer Review, Anaheim, CA, May 19 -22, 2014.
- 2012 Creating a positive climate for low-carbon living: Designing initiatives to bring out the best in people. University of Michigan. January 18, 2012.

Invited Campus Talks

- 2020 Communicating about Climate Change: A look at the past, present, and future. Harris Energy & Environmental Association Lunch and Learn, University of Chicago. May 1, 2020
- 2019 Behavioral Insights for Energy Policy. Behavioral Economics and Public Policy Lunch and Learn, University of Chicago. January 15, 2019.
- 2018 Invited Moderator. "[Losing Earth: The Decade We Almost Stopped Climate Change](#)" One-on-one conversation with Nathaniel Rich of the New York Times. Institute of Politics, University of Chicago. October 30, 2018.
- 2018 Invited Panelist. [Balancing Policy and Politics to Solve the Climate Challenge](#), with Severin Borenstein, Michael Brune, Trevor Houser, and Emily Holdren. Energy Policy Institute at the University of Chicago. October 2, 2018. University of Chicago.
- 2017 Behavioral Insights for Energy Policy. Behavioral Economics and Public Policy Lunch and Learn, University of Chicago. February 27, 2017.
- 2014 Educating and Engaging People on Energy Productivity Gains. Energy 2030 on the Road: A State and Local Campaign. University of Michigan. March 31, 2014. Video available at <http://bit.ly/2fhYgPW> (19:25 mark).
- 2013 Invited Panelist. Science Café: The future of fracking in Michigan. University of Michigan, Museum of Natural History. November 20, 2013.
- 2013 Invited Panelist. Nature provoked: Hurricane Sandy and the link between "natural" disasters and climate change. University of Michigan, Earth Week 2013, April 4, 2013.

PUBLIC WEBINARS

- 2020 Two Studies Offer New Insights into Low-to-Moderate Income Solar Adoption. National Renewable Energy Laboratory, June 11, 2020. Webinar to present results from "More alike than different: Profiles of high-income and low-income rooftop solar adopters in the United States."
- 2016 Solar Aspirations and Disinclinations: Learning from 3,600 Households. National Renewable Energy Laboratory, June 29, 2016. Webinar to present results from "Explaining interest in adopting residential solar photovoltaic systems in the United States."
- 2013 Hydraulic Fracturing Technical Reports Public Webinar. University of Michigan, September 9, 2013.

MEDIA COVERAGE (select)

- 2020 Wolske, K.S., Montgomery, A.W. & Lyon, T.P. (forthcoming on new Journal of Management Studies blog) Driving Change: How Millennials are Reshaping the World Without Leaving Home. <http://www.managementstudiesinsights.com/>;

- 2020 “More alike than different: Profiles of high-income and low-income rooftop solar adopters in the United States” featured on [E&E News](#)
- 2020 “Peer influence on household energy behaviours” featured on [Grist.org](#), [Environmental News Network](#), [Science Daily](#), [7th Space](#), [EurekaAlert](#), [Tech Explore](#), [Long Room](#)
- 2019 Stern, P.C., Wolske, K.S., & Dietz, T. If You Build It, Will They Come? Lessons Learned for Implementing the GND at the Household Level. Public Administration Review Bully Pulpit Blog. <https://www.publicadministrationreview.com/2019/07/16/gnd22/>
- 2019 “Public support for carbon dioxide removal technologies: The role of tampering with nature perceptions” featured on [The Energy Mix](#)

TEACHING

Research Associate (Assistant Professor), University of Chicago

- Every spring since 2017, two sections **Behavioral Science & Public Policy** (aka Psychology for Policy Designers)
Average graduate student evaluation of teaching: 4.82 out of 5
Average undergraduate student evaluation of teaching: 4.74 out of 5
- Every fall since 2017 **Energy Policy & Human Behavior**
Average graduate student evaluation of teaching: 4.81 out of 5

Graduate Student Instructor (discussion leader), University of Michigan - Ann Arbor, MI

- Winter 2008, 2009, 2010 **Psychology of Environmental Stewardship**, Program in the Environment
Average student evaluation of teaching: 4.81 out of 5
- Fall 2006, 2007, 2008 **Behavior & Environment**, Program in the Environment
Average student evaluation of teaching: 4.68 out of 5
- Winter 2005 **Masters Project Planning Course**, Sch. Of Natural Res. & Environment
Average student evaluation of teaching: 4.63 out of 5

HONORS AND AWARDS

- 2020 Outstanding Faculty of the Year Award, Harris School of Public Policy
- 2015, 2009 Precourt Energy Efficiency Center Fellowship
- 2010 Outstanding Graduate Student Instructor (campus-wide),
University of Michigan
- 2009 Nonprofit & Public Management Center Doctoral Research Award
- 2009 SPSSI Applied Internship Award
- 2009, 2004 Rackham Graduate Student Research Grant
- 2006 The Maize Behavior Scholarship
- 2006, 2005 William B. Stapp Award for Excellence
- 2005 Lyle E. Craine Scholarship
- 2003 Center for the Education of Women Ford Fellow
- 2003 Phi Beta Kappa, Connecticut College
- 2002 Winthrop Scholar, Connecticut College
- 2002 Sally L. Taylor Award, Connecticut College
- 2001 Morris K. Udall Scholar
- 1999 Lawrence Scholar, Connecticut College

STUDENT ADVISING

University of Chicago

2020 – 2021 David Lopez Soto, Bartlett Intern
2019 – 2020 Emily Bablitch, Bartlett Intern
2016 – 2017 Nini Gu, Honors Paper
2016 – 2017 Manyi Wang, Bartlett Intern

University of Michigan

2015 – 2016 Beaumont Hospital Green Team Masters Project
Caitlin Harrington Montana Stevenson
Angela Wan Qiaoting Zao
Winter 2015 Undergraduate Research Opportunity Program (UROP) Mentor
Linnan Cao
2014 – 2015 Northport Renewable Energy Community Plan Masters Project
Co-advised with Greg Keoleian.
Luic Cecco Yiyao Chen
Jeremy Good Kuan-Ho Lai
Ekaterina Loshakova Eric Weinberg

UNIVERSITY SERVICE

University of Chicago

2019 Internal Judge, Oxford Map-The-System competition
2019 Fireside Chat, Harris Leadership Program
2018 Panelist, Harris Leadership Symposium
2018 – 2019 Advisor to Harris Sustainability Initiative
2017 – 2019 Ad-hoc advisor to Energy & Environment Lab

University of Michigan

2015 – 2017 Advisory committee, Sustainability & Social Science Symposium
2013 – 2014 Planning Committee, U-M – EDF Partnership
2008 – 2009 Advisor, Climate Savers Computing Initiative

PROFESSIONAL SERVICE

2020 – 2021 **President-Elect**, American Psychological Association, Division 34:
Society for Environmental, Population & Conservation Psychology
2020 – 2021 **Conference Chair**, Sustainability Psychology Preconference, SPSP
2019 – 2020 **Planning committee**, Sustainability Psychology Preconference, SPSP
2019, 2020 **Planning committee**, Behavior, Energy & Climate Change conference
2019 **Advisor**, Department of Environmental Affairs, Republic of South Africa
2018 **Proposal Reviewer**, Environmental Research & Education Foundation
2018 **Expert Reviewer**, American Council for an Energy-Efficient Economy
2015 – 2016 **Energy Commissioner**, City of Ann Arbor, Michigan
2014 – 2016 **Planning committee**, Ann Arbor Climate Partnership
2013 **Advisory Board**, “Actioniirs” Program, EcoWorks
2010 – 2011 **Citizen Volunteer**, Education & Outreach Subcommittee, City of Ann
Arbor Energy Commission
2010 – 2011 **Advisor**, City of Ann Arbor Energy Office

AD-HOC REVIEWER

American Psychologist
Climate Policy
Climatic Change
Current Opinion in Environmental Sustainability
Current Psychology
Ecological Economics
Energy Efficiency
Energy Policy
Energy Research & Social Science
Environmental Politics
Global Environmental Change

Interface Focus
International Journal of Sustainable Development & World Ecology
Journal of the Association for Consumer Research
Journal of Environmental Psychology
Nature Climate Change
Nature Energy
Oryx
Proceedings of the National Academy of Sciences
Regional Environmental Change
Risk Analysis
Zeitschrift Umweltpsychologie

PROFESSIONAL MEMBERSHIPS

2014 – present	Am. Psych. Assoc. (APA), Division 34: Society for Environmental, Population & Conservation Psychology
2016 – present	Am. Psych. Assoc. (APA), Division 8: Society for Personality and Social Psychology
2016 – present	Society for Personality and Social Psychology (SPSP)
2018 – present	International Association of Applied Psychologists, Division 4: Environmental Psychology
2011-2013, 2020	Society for the Psychological Study of Social Issues (SPSSI)