

Curriculum Vitae

Nicole D. Sintov

The Ohio State University

School of Environment and Natural Resources

email: sintov.2@osu.edu tel: 614.688.3015 website: www.nicolesintov.com

Professional preparation

University of California, San Diego	Psychology/Ecology	B.S., 2005
University of Southern California	Psychology	M.A., 2008
University of Southern California	Psychology	Ph.D., 2011
University of Southern California	Sustainable Cities	Graduate Certificate, 2011
University of Southern California	Engineering	Postdoctoral Research Associate, 2011-2012

Appointments

2022-present	Associate Professor, The Ohio State University, School of Environment and Natural Resources
2017-2022	Assistant Professor, The Ohio State University, School of Environment and Natural Resources
2017-present	Core Faculty, The Ohio State University Sustainability Institute
2015-2016	Assistant Professor of Research, University of Southern California (USC) Sol Price School of Public Policy
2015-2016	Research Lead, USC Information Sciences Institute
2012-2015	Behavioral Scientist, USC Information Sciences Institute

Peer-reviewed journal publications

[†]Undergraduate student, *Graduate student, **Postdoc

*Rye, J., & **Sintov, N.D.** (forthcoming) Predictors of electric vehicle adoption intent among rideshare drivers relative to commuters. *Transportation Research Part A: Policy and Practice*.

Hurst, K., **Sintov, N.D., & Donnelly, G. (2023). Increasing sustainable behavior through conversation. *Journal of Environmental Psychology*, 86: 101948. doi.org/10.1016/j.jenvp.2022.101948

- Selected media coverage: [Psychology Today](#)

Herziger, A., & **Sintov, N.D. (2023). Give it a try! Electric vehicle test drives influence symbolism perceptions and adoption intent. *Journal of Environmental Psychology*, 85: 101907. DOI: [10.1016/j.jenvp.2022.101907](https://doi.org/10.1016/j.jenvp.2022.101907)

- Selected media coverage: [The Atlanta Journal-Constitution](#)

Hurst, K.F., & **Sintov, N.D. (2022). Trusting autonomous vehicles as moral agents improves related policy support. *Frontiers in Psychology*, 13: 976023. DOI: [10.1080/13669877.2022.2091002](https://doi.org/10.1080/13669877.2022.2091002)

Sintov, N.D., & **Hurst, K.F. (2022). Experimental support for a trust heuristic. *Journal of Risk Research*. DOI: [10.1080/13669877.2022.2091002](https://doi.org/10.1080/13669877.2022.2091002)

White, L.V., Carrel, A., Shi, W., & **Sintov, N.D. (2022). Why are charging stations associated with electric vehicle adoption? Untangling effects in three United States metropolitan areas. *Energy Research*

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and *Social Science*, 89: 102663. DOI: [10.1016/j.erss.2022.102663](https://doi.org/10.1016/j.erss.2022.102663)

- Selected media coverage: [Wired](#)

Hurst, K., & **Sintov, N.D. (2022). Guilt consistently motivates pro-environmental outcomes while pride depends on context. *Journal of Environmental Psychology*, 80: 101776. [/doi.org/10.1016/j.jenvp.2022.101776](https://doi.org/10.1016/j.jenvp.2022.101776)

- Selected media coverage: [How to Save the World Podcast with Katie Patrick](#), [Society for Personality and Social Psychology Character and Context](#)

*Adams, I., **Hurst, K.F., & **Sintov, N.D.** (2020). Experienced guilt, but not pride, mediates the effect of feedback on pro-environmental behavior. *Journal of Environmental Psychology*, 71: 101476. doi.org/10.1016/j.jenvp.2020.101476

Sintov, N.D., *Abou-Ghaloum, V.K., & **White, L.V. (2020). The partisan politics of low-carbon transport: Why Democrats are more likely to adopt electric vehicles than Republicans in the United States. *Energy Research and Social Science*, 68: 101576. DOI: [10.1016/j.erss.2020.101576](https://doi.org/10.1016/j.erss.2020.101576)

White, L.V., & **Sintov, N.D. (2020). Health and financial impacts of demand-side response measures differ across sociodemographic groups. *Nature Energy*, 5: 50-60. [doi:10.1038/s41560-019-0507-y](https://doi.org/10.1038/s41560-019-0507-y)

- Selected media coverage: [AARP](#), [Scientific American](#), [KJZZ/NPR](#), [Daily Telegraph](#), [SF Chronicle](#)

Sintov, N. D., **White, L.V., & *Walpole, H. (2019). Thermostat Wars? The roles of gender and thermal comfort negotiations in household energy use behavior. *PLOS ONE*, 4(11): e0224198. [doi:10.1371/journal.pone.0224198](https://doi.org/10.1371/journal.pone.0224198)

- Selected media coverage: [CNN](#), [The Guardian](#), [Daily Mail UK](#), [National Post](#), [WCAI/WGBH \(NPR\)](#) Living Lab radio, [CHQR radio's](#) Rob Breakenridge show

Gomes, C., Dietterich, T., Barrett, C., Conrad, J., Dilkina, B., Ermon, S., Fang, F., Farnsworth, A., Fern, A., Fern, X., Fink, D., Fisher, D., Flecker, A., Freund, D., Fuller, A., Gregoire, J., Hopcroft, J., Kelling, S., Kolter, Z., Powell, W., **Sintov, N.**, Selker, J., Selman, B., Sheldon, D., Shmoys, D., Tambe, M., Wong, W.-K., Wood, C., Wu, X., Xue, Y., *Yadav, A., Yakabu, A., & Zeeman, M.L. (2019). Computational Sustainability: Computing for a better world and a sustainable future. *Communications of the Association for Computing Machinery*, 62: 20-29. DOI: [10.1145/3339399](https://doi.org/10.1145/3339399)

Sintov, N.D., Seyranian, & Lyet, A. (2019). Fostering adoption of conservation technologies: A case study with wildlife law enforcement rangers. *Oryx: The International Journal of Conservation*, 53(3), 479-483. [doi: 10.1017/S0030605317001533](https://doi.org/10.1017/S0030605317001533)

Sintov, N.D., *Geislar, S., & *White, L.V. (2019). The role of cognitive accessibility in pro-environmental behavioral spillover: Results from a community field experiment of household food waste management. *Environment and Behavior*, 51, 50-80. [doi:10.1177/0013916517735638](https://doi.org/10.1177/0013916517735638)

- Selected media coverage: [National Geographic](#)

*White, L.V., & **Sintov, N. D.** (2018). Inaccurate consumer perceptions of monetary savings in a demand-side response programme predict programme acceptance. *Nature Energy*, 3: 1101-1108. [doi: 10.1038/s41560-018-0285-y](https://doi.org/10.1038/s41560-018-0285-y)

- Selected media coverage: [LA Times](#), [US New and world report](#)

Sintov, N.D., & Schuitema, G. (2018). Odd couple or perfect pair? Tensions and recommendations for social scientist-industry partnerships in energy research. *Energy Policy*, 117, 247-251.

[doi:10.1016/j.enpol.2018.03.021](https://doi.org/10.1016/j.enpol.2018.03.021)

Ryutov, T., **Sintov, N.**, *Zhao, M., & John, R.J. (2018). Behavioral indicators of end-user compliance with organizational information security policies. *Journal of Information Privacy and Security*, 13, 260-281.

*White, L.,V.& **Sintov, N.** (2017). You are what you drive: Environmentalist and social innovator symbolism drive electric vehicle adoption intentions. *Transportation Research Part A: Policy and Practice*, 99, 94-113. doi.org/10.1016/j.tra.2017.03.008

Sintov, N.D., & Schultz, P.W. (2017). Adjustable Green Defaults Can Help Make Smart Homes More Sustainable. *Sustainability (special issue on Smart Homes)*, 9, [doi:10.3390/su9040622](https://doi.org/10.3390/su9040622)

Schuitema, G., & **Sintov, N.** (2017). Should we quit our jobs? Challenges, barriers, and recommendations for interdisciplinary energy research. *Energy Policy*, 101, 246-250. [doi: 10.1016/j.enpol.2016.11.043](https://doi.org/10.1016/j.enpol.2016.11.043)

Sintov, N., *Kar, D., *Nguyen, T., *Fang, F., Hoffman, K., Lyet, A., & Tambe, M. (2017). Keeping it real: Using real-world problems to teach AI to Diverse Audiences. *Artificial Intelligence Magazine*. [doi: 10.1609/aimag.v38i2.2733](https://doi.org/10.1609/aimag.v38i2.2733)

*Chen, B., & **Sintov, N.D.** (2016). Bridging the gap between technology adoption and protecting natural resources: Predicting intentions to adopt energy management technologies in California. *Energy Research and Social Science*, 22, 210-223. [doi: 10.1016/j.erss.2016.10.003](https://doi.org/10.1016/j.erss.2016.10.003)

*Merrill, R. & **Sintov, N.D.** (2016). An affinity to commons model of public support for environmental energy policy. *Energy Policy*, 99, 88-99. [doi: 10.1016/j.enpol.2016.09.048](https://doi.org/10.1016/j.enpol.2016.09.048)

Sintov, N.D., Dux, E., +Tran, A., & Orosz, M. (2016). What goes on behind closed doors? How college dormitory residents change to save energy during a competition-based energy reduction intervention. *International Journal for Sustainability in Higher Education*, 17, 451-470. [doi: 10.1108/IJSHE-02-2015-0027](https://doi.org/10.1108/IJSHE-02-2015-0027)

Konis, K., Orosz, M., & **Sintov, N.** (2016). A window into occupant-driven energy outcomes: leveraging sub-metering infrastructure to examine psychosocial factors driving long-term outcomes of short-term competition-based energy interventions. *Energy & Buildings*, 116, 206-217. [doi:10.1016/j.enbuild.2016.01.005](https://doi.org/10.1016/j.enbuild.2016.01.005)

*Kar, D., *Fang, F., **Delle Fave, F. M., **Sintov, N.**, Tambe, M., and Lyet, A. (2016). Comparing Human Behavior Models in Repeated Stackelberg Security Games: An Extended Study. *Journal of Artificial Intelligence*, 240, 65-103. [doi: 10.1016/j.artint.2016.08.002](https://doi.org/10.1016/j.artint.2016.08.002)

Sintov, N.D. & Schultz, P.W. (2015). Unlocking the potential of smart grid technologies with behavioral science. *Frontiers in Psychology*, 6. [doi: 10.3389/fpsyg.2015.00410](https://doi.org/10.3389/fpsyg.2015.00410)

Sintov, N.D., & Prescott, C.A. (2012). The influence of social desirability and item priming effects on self-reported pro-environmental behavior. *Ecopsychology*, 3, 257-267. [doi: 10.1089/eco.2011.0043](https://doi.org/10.1089/eco.2011.0043)

Sintov, N.D., Kendler, K.S., Young-Wolff, K.C., Walsh, D., Patterson, D.G., & Prescott, C.A. (2010). Empirically defined subtypes of alcohol dependence in an Irish family sample. *Drug and Alcohol Dependence*, 107, 230-236. [doi: 10.1016/j.drugalcdep.2009.11.003](https://doi.org/10.1016/j.drugalcdep.2009.11.003)

Young-Wolff, K.C., Kendler, K.S., **Sintov, N.D.**, & Prescott, C.A. (2009). Mood-Related Drinking Motives

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Mediate the Familial Association Between Major Depression and Alcohol Dependence. *Alcoholism: Clinical and Experimental Research*, 33, 1476-1487. [doi: 10.1111/j.1530-0277.2009.00978.x](https://doi.org/10.1111/j.1530-0277.2009.00978.x)

Sintov, N.D., Kendler, K. S., Walsh, D., Patterson, D. G., & Prescott, C. A. (2009). Predictors of illicit substance dependence among individuals with alcohol dependence. *Journal of Studies on Alcohol and Drugs*, 70, 269-278. [10.15288/jsad.2009.70.269](https://doi.org/10.15288/jsad.2009.70.269)

Brown, S.A., Anderson, K.G., Schulte, M.T., **Sintov, N.D.** & Frissell, K.C. (2005). Facilitating youth self-change through school-based intervention. *Addictive Behaviors*, 30, 1797-1810. [doi: 10.1016/j.addbeh.2005.07.003](https://doi.org/10.1016/j.addbeh.2005.07.003)

Editor-reviewed articles

White, L.V., & **Sintov, N.D. (2020) Varied health and financial impacts of time-of-use energy rates across sociodemographic groups raise equity concerns. *Nature Energy*, 5: 16-17.

Book chapters

Doidge, M., Irwin, E., **Sintov, N., & Wilson, R. (2020). Human behavior and adaptation. In P. Saundry, & B. Ruddell (Eds.), *Introduction to the Food-Energy-Water Nexus*, Springer.

Sintov, N., Seyranian, V., & Tambe, M. (2018). Adoption of conservation technologies. In W. Moreto (Ed.), *Wildlife Crime: From Theory to Practice*, Temple University Press.

Manuscripts under review

Herziger, A., Carrel, A., & **Sintov, N.D. (2nd round revise and resubmit under review, *Energy Research and Social Science*). When Does Symbolism Matter Most? The Dynamic Relationship between Electric Vehicle Symbolic Value and Adoption Intent in California and Ohio.

Hurst, K.F., Carrel, A.L, Gore, C., & **Sintov, N.D. (revise and resubmit under review, *Transit Behavior and Society*). Transit stories: How hearing about others' transit experiences impacts transit use decisions.

Donnelly, G.E., *Mertens, S. N., & **Sintov, N.D.** (revise and resubmit invited, *Journal of Environmental Psychology*). Increasing recycling with charitable incentives.

Romulo, C., B. Venkataraman, S. Caplow, S. Ajaonkar, C.R. Allen, A. Anandhi, S.W. Anderson, C.B. Azzarello, K. Brundiers, E. Blavascunas, J. Dauer, D.L. Druckenbrod, E. Fairchild, L.R. Horne, K. Lee, M. Mwale, J.A. Mischler, E.E. Pappo, N.S. Patel, **N.D. Sintov**, C.S. Ramsdell, and S. Vincent. (revise and resubmit invited, *Humanities and Social Sciences Communication*). Implementing Interdisciplinary Sustainability Education With the Food-Energy-Water Nexus. *Humanities and Social Sciences Communications*.

*Rye, J., *Mertens, S., *Lucas, J., & **Sintov, N.D.** Positive spillover and sequential decision making in green consumption contexts. (submitted, *Journal of Environmental Psychology*).

Selected presentations given by me (*indicates invited)

2024: Stanford Conference on Human Behavior and Sustainability (scheduled)

2023: *University of Nevada at Las Vegas Department of Psychology; *The Ohio State University John Glenn College of Public Affairs; *Decisions, Cognition, and the Climate Crisis, OSU Center for Cognitive & Brain Sciences; Behavior, Energy, and Climate Change conference; American Psychological Association Annual Convention.

2021: American Psychological Association Annual Convention

2020: *Society of Experimental Social Psychology¹; American Psychological Association Annual Convention.

2019: American Psychological Association Annual Convention; Behavior, Energy, and Climate Change conference.

2018: *Society for Personality and Social Psychology Sustainability Preconference. American Psychological Association Annual Convention; Behavior, Energy, and Climate Change conference.

2017: *3rd Annual Tsinghua University – Hertie School of Governance – USC Energy Policy Exchange Forum; *4th Annual Summer School on Environmental Psychology, Dublin, Ireland; *Rice University Department of Civil and Environmental Engineering. American Psychological Association Annual Convention; Behavior, Energy, and Climate Change conference.

2016: *2nd Annual Tsinghua University – Hertie School of Governance – USC Energy Policy Exchange Forum, Berlin, Germany.

2015: *1st Annual Tsinghua University – Hertie School of Governance – USC Energy Policy Exchange Forum. Beijing, China.

Selected conference presentations (given by mentees and co-authors)

*Dillman-Hasso, N., & **Sintov, N.D.** (2024, February). *Comparing Current and Lost Solar Customers: What Factors Lead to Actual Adoption?* Presented at Society for Social and Personality Psychology Sustainability Preconference, San Diego, CA.

- Awarded best blitz talk

*Mertens, S., & **Sintov, N.D.** (2024, February). *The Role of Agency in Behavioral Spillover*. Poster presentation at Society for Social and Personality Psychology conference, San Diego, CA.

*Dillman-Hasso, N., NeJame, J., & **Sintov, N.D.** (2024, February). *Is price a cue for sustainability?*. Poster presentation at Society for Social and Personality Psychology conference, San Diego, CA.

*NeJame, J., & **Sintov, N.D.** (2024, February). *The role of gender in electric vehicle adoption*. Poster presentation at Society for Social and Personality Psychology conference, San Diego, CA.

*Rye, J., **Hurst, K., Rajagopal, D., & **Sintov, N.D.** (2023, November). *Predictors of Electric Vehicle Adoption Intent in Rideshare Drivers Relative to Commuters*. Presented at the Behavior, Energy, and Climate Change conference, Sacramento, CA.

¹ Due to the COVID-19 pandemic, the conference was cancelled, and I was not able to give this presentation.

*NeJame, J., & **Sintov, N.D.** (2023). *Examining the role of gender in electric vehicle perceptions and purchasing intentions*. Presented at 2nd annual American Psychological Association Division 34 online conference.

Hurst, K., & **Sintov, N.D. (2023, June). *Experimental Support for a Trust Heuristic*. Presented at the International Conference on Environmental Psychology, Aarhus, Denmark.

Hurst, K., & **Sintov, N.D. (2022, June). *Guilt consistently motivates pro-environmental outcomes while pride depends on context*. Presented at the International Association for Society and Natural Resources annual meeting, San Jose, Costa Rica.

*Hobbs, L., & **Sintov, N.D.** (2022, June). *The Roles of Affective Forecasting, Environmental Identity, and Behavioral Familiarity in Decisions Related to Pro-Environmental Behaviors*. Presented at the inaugural American Psychological Association Division 34 virtual conference.

Hurst, K., & **Sintov, N.D. (2022, February). *Trusting autonomous vehicles as moral agents improves related policy support*. Presented at the Society for Personality and Social Psychology annual meeting, San Francisco, CA.

*Rye, J., Hurst, K., Rajagopal, D., & **Sintov, N.D.** (2022, February). *Predictors of Electric Vehicle Adoption Intentions in Rideshare Drivers Relative to the General Public*. Presented at the Society for Personality and Social Psychology Sustainability Preconference. [virtual conference due to COVID-19].

Donnelly, G., **Hurst, K., & **Sintov, N.D.** (2021, March). *The Influence of Environmentally-Focused Conversations on Pro-Environmental Behavior*. Presented at the Society for Consumer Psychology annual conference. [virtual conference due to COVID-19].

Herziger, A., & **Sintov, N.D. (2021, February). *It's not the Car, It's the Driver: Identity Based Motivation in Electric Vehicle Adoption*. Presented at the Society for Personality and Social Psychology Sustainability Preconference. [virtual conference due to COVID-19].

Hurst, K., & **Sintov, N.D. (2020, August). *Exploring the effects of anticipated vs. experienced pride and guilt in response to carbon footprint feedback*. Presented at the American Psychological Association annual meeting [virtual conference due to COVID-19].

Hurst, K., **Sintov, N.D., & Donnelly, G. (2020, June). *The influence of environmentally-focused conversations on pro-environmental behavior*. Presented at the International Symposium for Society & Resource Management [virtual conference due to COVID-19].

White, L.V., Carrel, A., & **Sintov, N.D. (2020, February). *An examination of the roles of infrastructure limitations versus consumer perceptions in electric vehicle adoption*. Presented at the annual International Association for Energy Economics Asia-Oceania meeting, Auckland, New Zealand.

White, L.V., Carrel, A., & **Sintov, N.D. (2019, November). *Limiting Range: Understanding How Need for Mobility Restricts Electric Vehicle Adoption*. Presented at the annual Association for Public Policy Analysis and Management meeting, Denver, CO.

White, L.V., & **Sintov, N.D. (2018, November). *Low-income household experiences with demand-side response: examining the balance of comfort and savings*. Presented at the 40th annual Association for Public Policy Analysis and Management meeting, Washington DC.

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White, L.V., & **Sintov, N.D. (2018, October). *Low-income household experiences with demand-side response: examining the balance of comfort and savings*. Presented at the 12th annual Behavior, Energy, Climate Change meeting, Washington DC.

White, L.V., *Walpole, H., **Slagle, K., & **Sintov, N.D. (2018, October). *A typology of energy interactions within households*. Presented at the 12th annual Behavior, Energy, Climate Change meeting, Washington DC.

*Adams, I., & **Sintov, N.D.** (2018, August). *The Role of Trust in Feedback's Translation to Pro-Environmental Food-Energy-Water (FEW) Consumption*. Presented at the American Psychological Association annual meeting, San Francisco, CA.

*White, L.V., & **Sintov, N.** (2017, November). *Controlling household electricity loads: the effect of income and perceived control on TOU acceptance*. Presented at the 39th annual Association for Public Policy Analysis and Management meeting, Chicago, IL.

Schuitema, G., & **Sintov, N.** (2017, April). Should we quit our jobs? Challenges, barriers, and recommendations for interdisciplinary energy research. Presented at the 1st International Conference on Energy Research and Social Science, Sitges, Spain.

*Merrill, R. & **Sintov, N.D.** (2016, April). Tracing relationships between nested public goods and energy policy preferences. Presented at the 74th annual meeting of the *Midwest Political Science Association*.

*White, L.V., +Manta, Z., & **Sintov, N.** (2016, January). *What does my EV say about me? The role of "identity badges" in electric vehicle adoption*. Presented at the Society for Personality and Social Psychology Sustainability Preconference, San Diego, CA.

*White, L.V., +Zadeh, A., & **Sintov, N.D.** (2015, August). *What drives EV Adoption: The Power of Image*. Presented at the Psychological Dimensions of "Green" Decision Making Panel of the American Psychological Association (APA) Division of Engineering Psychology and Society for Environmental Psychology at 2015 APA convention, Toronto, Canada.

Research support

At OSU, my research program has been funded by a variety of internal and extramural sources, including the National Science Foundation, industry (e.g., Ford Motor Company, Coca-Cola), and foundations (e.g., Environmental Law Institute). In total, I have been PI or Co-PI on more than \$14.1 million in grant procurement, with \$10.5 million going to collaborator institutions and \$3.6 million to OSU. Of this, \$1.2M was allocated directly to me (\$1,055,446 extramural, \$132,000 internal).

PI: Barriers and motivators to residential solar adoption; 2/2023-8/2023; Interstate Gas Supply (IGS) Energy. \$92,109 awarded, all to me.

Co-PI: EFRI E3P: Sustainable and Circular Engineering for the Elimination of End-of-life Plastics: A Framework for Assessment, Design, and Innovation; 10/1/20-9/30/24; National Science Foundation (PI: Bakshi, OSU). \$2,000,000 awarded; \$346,441 directly to me.

Co-PI: Increasing the use of reverse vending machines through incentives and consumer choice; 8/2020-6/2022; The Coca-Cola Company (PI: Donnelly, OSU). \$667,691 awarded; \$333,846 directly to me.

- Selected media coverage: [There's a Better Way podcast 2020](#), [Columbus Dispatch 2022](#)

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Co-PI: Evaluating Smart Columbus Multi-Model Trip Planning and Payment Application Impacts; 10/1/19-12/31/20; OSU/City of Columbus/US Dept. of Transportation. \$264,609 awarded, \$86,668 directly to me.

Co-PI: INFEWS RCN: Cultivating a National Collaborative for Research on Food, Energy, and Water Education (NC-FEW); 9/1/19-8/31/24; US National Science Foundation (PI: Cory Forbes, University of Nebraska at Lincoln). \$749,964 awarded, \$44,766 directly to me.

Sr. Personnel: NRT-HDR: Convergent Graduate Training and EmPOWERment for a Sustainable Energy Future; 9/1/19-8/31/24; US National Science Foundation (PI: Shiosansi, OSU). \$2,980,383 awarded; \$4,953 directly to me.

Co-PI: Eliciting ridesourcing drivers' preferences and perceptions of electric vehicles; 1/2019-11/2019; UCLA (PI: Rajagopal, UCLA). \$35,000 awarded; \$23,308 directly to me.

Faculty PI: Disrupting Contamination: Breaking Habit through Digital Technology and Self-Monitoring Cues; 1/2019-5/2020; OSU Decision Sciences Collaborative (Awardee: Atar Herziger, OSU postdoctoral mentee).

PI: Understanding and improving consumer trust in autonomous vehicles, 2018-2019; OSU Center for Automotive Research. \$80,000 awarded directly to me.

PI: Investigating and quantifying household-level food (F)- energy (E) – water (W) footprints (FEWprints), 2017-2018; OSU Sustainable and Resilient Economies. \$50,000 awarded directly to me.

Co-PI: Affordability of transportation in the context of current and near-term consumer financial and technological trends; 1/2018-12/2019; Ford Motor Company (PI: Carrell, OSU). \$211,154 awarded; \$8,121 directly to me,

Co-PI: CompSustNet: Expanding the Horizons of Computational Sustainability, 2015-2020; National Science Foundation (PI: Gomes, Cornell University). ~\$10,000,000 awarded; \$119,523 directly to me.

Co-PI: Innovating Teaching and Learning in the Nexus: Capacity-Building for Undergraduate Food, Energy, & Water Education; 3/2018-2/2019; USDA-NIFA (PI: Forbes, UNL).

Faculty PI: The Role of Peripheral Cues in Behavioral Response to Feedback for Food-Energy-Water Footprints (FEWprints); 1/2018-5/2019; OSU Decision Sciences Collaborative (Awardee: Ian Adams, OSU master's advisee).

Co-PI: Protection Assistant for Wildlife Security (PAWS) 2.0 field work grant, 2015; World Wildlife Fund (PI: Lyet, WWF).

PI: Smart Grid Customer Behavior Project Electric Vehicle Adoption project, 2014-2015; Los Angeles Department of Water and Power.

Co-PI: Scalable, Stochastic and Spatiotemporal Game Theory for Real-World Human Adversarial Behavior, 2015-2016; Department of Defense Multidisciplinary Research Program of the University Research Initiative (PI: Tambe, USC).

Awards and honors

OSU [Excellence in Undergraduate Research Mentoring](#) award, 2019

Excellence in Reviewing award, *Journal of Resources, Conservation, and Recycling*, 2017

Finalist, American Association for the Advancement of Sustainability in Higher Education Research Award, Schuitema, G., & Sintov, N. (2017).

Best Innovative Application of AI, Association for the Advancement of Artificial Intelligence 2016 video contest. Fang, F., Kar, D., Thomas, D., Sintov, N. & Tambe, M.

Nominee, 2016 Resonate Award, Cal Tech Resnick Sustainability Institute

Teaching

OSU School of Environment and Natural Resources

Theories in Environmental Social Sciences (ENR 6400, graduate); Instructor; FA 2020, FA 2021, FA 2023

Sustainability Psychology (ENR 7430, graduate); Instructor; SP 2018, SP 2019, SP 2022, SP 2024

Interventions to Promote Pro-Environmental Behavior (ENR 5400): Instructor, FA2017- FA2021, SP2023

Undergraduate Directed Research (ENR 4998); Faculty supervisor; FA2017, SP2019- SP2020, SP2021-SP2022

Undergraduate Research Distinction (ENR 4999); Faculty supervisor; SP 2019-FA 2019

Invited Lecturer, 4th International Summer School on Theories in Environmental Psychology (STEP), University College Dublin, 2017

USC Environmental Studies Program

Introduction to Environmental Studies (ENST 100, undergraduate); Instructor; FA 2014 (two sections)

Directed Research (ENST 490, undergraduate); Faculty Advisor; FA 2015

USC Department of Psychology

Conservation Psychology (PSYC 456, undergraduate); Instructor; FA 2014, FA 2015

Direct Field Experiences in Psychology (PSYC 391, undergraduate); Faculty Advisor; FA 2014

Directed Research (PSYC 490, undergraduate); Faculty Advisor; SP 2014

Student research supervision

Postdoctoral scholars

Primary supervisor, Dr. Kristin Hurst, OSU SENR, 2019-2021; Placement: Assistant Professor at Southern Illinois University School of Earth Systems and Sustainability

Co-supervisor, Dr. Atar Herziger, OSU SENR, 2018-2021; Placement: Assistant Professor, The Technion Israel Institute of Technology Faculty of Data and Decision Sciences

Primary supervisor, Dr. Lee White, OSU SENR, 2018-2019; Placement: Research Fellow, Australian National University School of Regulation and Global Governance

Graduate students

Primary research supervisor					
Student	Degree	Univ.	Dept.	Grad. Year	Thesis/Dissertation Title
¹ Jessica NeJame	MS	OSU	SENR	2024 (planned)	The role of gender in electric vehicle adoption
¹ Jaime Lucas	MS	OSU	SENR	2023	Effects of messenger traits on consumer acceptance of residential solar panels
¹ Naseem Dillman-Hasso	PhD	OSU	SENR	2026 (planned)	Behavioral persistence
¹ Samantha Mertens	PhD	OSU	SENR	2025 (planned)	The roles of agency and behavior valence in behavioral spillover
¹ Jamie Rye Allen	PhD	OSU	SENR	2025 (planned)	Perceptions of plant-based foods
¹ Logan Hobbs	MS	OSU	SENR	2022	The Roles of Affective Forecasting, Environmental Identity, and Behavioral Familiarity in Decisions Related to Pro-Environmental Behaviors
¹ Ian Adams	MS	OSU	SENR	2019	Pride, Guilt, and Pro-Environmental Behavior: The Role of Experienced Self-Conscious Emotions in an Individual's Response to Carbon Footprint Feedback

Thesis and dissertation committees					
Student	Degree	Univ.	Dept.	Grad. Year	Thesis/Dissertation Title
² Emma Hanners	MS	OSU	SENR	2025 (planned)	TBD
^{2,3} Ben Mertus	PhD	OSU	Anthropology	2025 (planned)	Identities among Atikamekw Nation people amidst eco-tourism development
^{2,3} Brian Capobianco	PhD	OSU	SENR	2025 (planned)	Public acceptance of novel nuclear fuels
² Jaden Tatum	PhD	OSU	FABE	2024 (planned)	Novel grain drying and storage technologies
² Gillian Chesnut	MS	OSU	SENR	2023	Teasing Out the Effects of Industrialized Agriculture on Conservation Practice Adoption
² Tiffany Williams	MS	OSU	SENR	2020	Race, Religion, and Environmental Concern Among Black and White Americans
^{2,3} Emily Walpole	PhD	OSU	SENR	2019	A Construal-Based Examination of the Climate Change - Hazard Interface
^{2,3} Hugh Walpole	PhD	OSU	SENR	2019	Reperceiving Perceived Risk: Examining the Psychological Structure of Risk Perception
² Lee White	PhD	USC	Urban Planning	2018	Household carbon footprints: how to encourage adoption of emissions-reducing behaviors and technologies
³ Ben Ford	PhD	USC	Computer Science	2016	Real-World Evaluation and Deployment of Wildlife Crime Prediction Models

^{2,3} Yasaman Abbasi	PhD	USC	Industrial & Systems Engineering	2016	Modeling Human Bounded Rationality in Opportunistic Security Games
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¹ Dissertation or Thesis Chair

² Dissertation or Thesis Committee

³ Qualifying/Candidacy Exam Committee

Undergraduate and post-baccalaureate researchers

At OSU, I have supervised an average of 8 credit hours of undergraduate research per year, graduated 2 undergraduate research distinction students for whom I served as primary advisor, and 11 additional honors students whose thesis committees I served on. In addition to honors students, I supervised 17 additional undergraduate researchers at OSU and 7 more prior to OSU, for a total of 35 in my career. I also mentored a post-baccalaureate research fellow through the Post-Baccalaureate Research Experiences of LSAMP Students program.

Service

Service to SENR

- Faculty Group Lead (elected), Environmental Social Sciences Faculty Group, 2023-present
- Director, [Environmental and Social Sustainability Lab](#), FA 2021-present
- Steering Committee member, Environmental and Social Sustainability Lab, 2017-2021
- Committee Member, OSU School of Environment and Natural Resources Graduate Studies Committee, 2021-2023
- Member, Director Search Committee, OSU School of Environment and Natural Resources 2021-2022
- Committee Member, OSU School of Environment and Natural Resources Honors and Scholarships Committee, 2017-2021
- Founding co-chair, OSU School of Environment and Natural Resources Task Force on Diversity, Inclusion, Justice, and Equity (DIJE), 2017-2020

Service to the College of Food, Agricultural, and Environmental Sciences

- Member, Research and Graduate Education Fellowship Committee, 2023-present
- Awards judge, CFAES Undergraduate Research Forum, 2019, 2020, 2021, 2022

Service to OSU

- Sustainability Research Visioning Committee, 2023-present
- Decision Sciences Collaborative Steering Committee member, 2022-present
- Panelist, Success at Ohio State workshop, 2021, 2022
- Denman Undergraduate Research Forum Advisory Council member, 2019-2021
- Denman Undergraduate Research Forum, Awards judge, 2021, 2019, 2018
- Committee member, OSU Smart Campus Faculty Engagement Group, 2018-2020

Service to the profession

- Committee member (appointed), [The Role of Net Metering in the Evolving Electricity System](#), The National Academies of Science, Engineering, and Medicine, 2022-2023
- Ad-hoc proposal reviewer, National Science Foundation, U.K. Economic and Social Research Council, Social Science and Humanities Research Council of Canada
- Ad hoc reviewer: *Nature Energy*, *Nature Communications*, *Journal of Environmental Psychology*,

Energy Efficiency, Energy Research and Social Science, Energy Policy, Energy Economics, Risk Analysis, Review of General Psychology, Conservation Biology, Conservation Letters, Journal of Industrial Ecology, Journal of Environmental Planning and Management, Environment Systems and Decisions, International Journal of Sustainability in Higher Education, Resources Conservation and Recycling, Journal of Marketing Management, Journal of Industrial Ecology

- Review Editor, 2018-2020, *Frontiers in Environmental Psychology*

Service to the community

- Consulted with Dept of Energy Office of [Energy Efficiency and Renewable Energy](#) regarding behavioral sciences research priorities, December 2023
- Consulted with Dept of Energy Solar Energy Technologies Office on [Solar Energy Evolution and Diffusion Studies \(SEEDS\)](#) program, April 2019
- Advisory Board member, Smart Columbus Consumer Adoption project, 2017-2021
- Advisory Committee member, Mid-Ohio Regional Planning Commission Franklin County Energy Study, 2017-2018
- Research Committee Member, Smart Grid Consumer Collaborative, 2014-2016

Conference and workshop organization

- Committee member, 2021 Society for Personality and Social Psychology Sustainability Preconference
- Past-Chair, 2020 Society for Personality and Social Psychology Sustainability Preconference
- Chair, 2019 Society for Personality and Social Psychology Sustainability Preconference
- Lacasse, K. (chair), & **Sintov, N.D.** (co-chair), with panelists Chopik, W., Dupree, C., Matz, S., & Wood, W. (2020, February). *How to build a successful academic career with interdisciplinary research*. Presented at the Society for Personality and Social Psychology annual meeting, New Orleans, LA.
- Advisory Council member, 2023, Behavior Energy and Climate Change (BECC) conference
- Program committee member, 2019, 2020, 2021, 2022, BECC conference
- Co-chair, USC Environmental Sustainability Research Network Workshop on Emerging Perspectives in Environmental Decision-Making, 2015

Professional memberships

- Society for Environmental, Population, and Conservation Psychology (American Psychological Association Division 34)
 - Fellow (elected), 2023
 - Treasurer (elected), 2019-2022
 - Member, 2009-present
- Applied Experimental and Engineering Psychology Division, American Psychological Association, member, 2013-2023
- Society for Personality and Social Psychology, member, 2016-present