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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

2017-present, Assistant Professor, Ohio State University, School of Environment and Natural Resources

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

2014-2016, Lecturer, USC Department of Psychology

2014-2015, Lecturer, USC Environmental Studies Program

2012-2015, Behavioral Scientist, USC Information Sciences Institute

Peer-reviewed journal publications

*Student mentored by N. Sintov, **Postdoc mentored by N. Sintov

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

Sintov, N.D., & Schuitema, G. (2018). Odd couple or perfect pair? Tensions and opportunities in academia-industry collaborations. *Energy Policy*, 117, 247-251. <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.

Sintov, N.D., Seyranian, & Lyet, A. (2018). Fostering adoption of conservation technologies: A case study with wildlife law enforcement rangers. *Oryx: The International Journal of Conservation*. <https://doi.org/10.1017/S0030605317001533>

Sintov, N.D., Geislar, S., & *White, L.V. (2017). The role of cognitive accessibility in pro-environmental behavioral spillover: Results from a community field experiment of household food waste management. *Environment and Behavior*. <https://doi.org/10.1177/0013916517735638>

*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). Making smart homes more sustainable with adjustable green defaults. *Sustainability (special issue on the Advent of Smart Homes)*, 9, doi:doi: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.

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*.

*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.

*Merrill, R. & **Sintov, N.D.** (2016). An affinity to commons model of public support for clean energy policy. *Energy Policy*, 99, 88-99.

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.

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. *Journal of Energy & Buildings*, doi: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.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

Sintov, N.D., & Prescott, C.A. (2012). The influence of impression management and item priming effects on self-reported pro-environmental behavior. *Ecopsychology*, 3, 257-267.

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.

Young-Wolff, K.C., Kendler, K.S., **Sintov, N.D.**, & Prescott, C.A. (2009). Drinking to improve mood partially mediates the association between major depression and alcohol dependence. *Alcoholism: Clinical and Experimental Research*, 33, 1476-1487.

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.

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.

Book chapters

Sintov, N., Seyranian, V., & Tambe, M. (2018). Adoption of conservation technologies. "Wildlife Crime: From Theory to Practice". Moreto, E., Ed.

Doidge, M., Wilson, R., **Sintov, N.**, & Irwin, E. (accepted). The Food-Energy-Water Nexus. "Human adaptations in FEW systems". Saundry, P., Ed.

Peer-reviewed conference proceedings

Sintov, N., *Kar, D., Nguyen, T., Fang, F., Hoffman, K., Lyet, A., & Tambe, M. (2016). From the lab to the classroom and beyond: Extending a Game-Based Research Platform for Teaching AI to Diverse Audiences. Proceedings of the Association for the Advancement of Artificial Intelligence 6th *Symposium on Educational Advances in Artificial Intelligence*, 4107-4112. Palo Alto: AAAI Press.

*Gholami, S., Wylder, B., Brown, M., *Thomas, D., **Sintov, N.**, & Tambe, M. (2016). Divide to Defend: Collusive Security Games. Proceedings of the 7th meeting on *Decision and Game Theory for Security*.

*Gholami, S., Wylder, B., Brown, M., *Thomas, D., **Sintov, N.**, & Tambe, M. (2016). Divide to Conquer: Toward Addressing Collusion among Human Adversaries in Security Games. Proceedings of the 22nd *European Conference on Artificial Intelligence*.

*Abbasi, Y.D., Ben-Asher, N., Gonzalez, C., Morrison, D., **Sintov, N.**, & Tambe, M. (2016). Adversaries Wising Up: Modeling Heterogeneity and Dynamics of Behavior. Proceedings of the 14th annual *International Conference on Cognitive Modeling*.

*Gholami, S., Wilder, B., Brown, M., Sinha, A., **Sintov, N.**, & Tambe, M. (2016). SPECTRE: A Game Theoretic Tool for Preventing Collusion in Security Games (demonstration). Proceedings of the 15th annual *International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*.

*Abbasi, Y.D., Ben-Asher, N., Gonzalez, C., *Kar, D., Morrison, D., **Sintov, N.**, & Tambe, M.

(2016). Know your adversary: Insights for a better adversarial behavioral model. Proceedings of the 38th Annual Conference of the Cognitive Science Society.

Sintov, N.D., Orosz, M.D., & Schultz, P.W. (2015). Personalized Energy Reduction Cyber-Physical System (PERCS): A gamified end-user platform for energy efficiency and demand response. *Lecture Notes in Computer Science*, 9189, 602-613.

Fang, F., Nguyen, T., *Ford, B., **Sintov, N.**, & Tambe, M. (2015). Introduction to Green Security Games. Proceedings of the 24th International Joint Conference on Artificial Intelligence (IJCAI) Workshop on Cognitive Knowledge Acquisition and Applications.

*Ford, B., Nguyen, T., **Sintov, N.**, Tambe, M., & Delle Fave, F. (2015). Beware the Soothsayer: Evaluating the Reliability of Attack Predictions in Stackelberg and Network Security Games. Proceedings of the 2015 Conference on *Decision and Game Theory for Security*, 9406.

*Abbasi, Y.D., Short, M., Sinha, A., **Sintov, N.**, Zhang, C. and Tambe, M. (2015). Human Adversaries in Opportunistic Crime Security Games: Evaluating Competing Bounded Rationality Models. Proceedings of the 3rd annual conference on *Advances in Cognitive Systems*.

*Ford, B., Nguyen, T., Tambe, M., **Sintov, N.**, & Delle Fave, F. (2015). An Empirical Evaluation of Bounded Rationality Models in Network Security Games. Proceedings of the 24th International Joint Conference on Artificial Intelligence Workshop on Behavioral, Economic, and Computational Intelligence for Security (IJCAI-BECIS).

*Abbasi, Y.D., Short, M., Sinha, A., **Sintov, N.**, Zhang, C., & Tambe, M. (2015). Human Adversaries in Opportunistic Crime Security Games: How Past success (or failure) affects future behavior. International Joint Conference on Artificial Intelligence, Workshop on Behavioral, Economic, and Computational Intelligence for Security (IJCAI-BECIS).

*Kar, D., Fang, F., Delle Fave, F. M., **Sintov, N.**, Sinha, A., Galstyan, A., An, B., & Tambe, M. (2015). Learning Bounded Rationality Models of the Adversary in Repeated Stackelberg Security Games. Proceedings of the 4th annual *Adaptive Learning Agents Workshop at the Conference on Autonomous Agents and Multiagent Systems (AAMAS-ALA)*.

*Kar, D., Fang, F., Delle Fave, F. M., **Sintov, N.**, & Tambe, M. (2015). Conducting longitudinal experiments with behavioral models in repeated stackelberg security games on Amazon Mechanical Turk. Proceedings of the 4th annual *Human-Agent Interaction Design and Models Workshop at the Conference on Autonomous Agents and Multiagent Systems (AAMAS-HAIDM)*.

*Kar, D., Fang, F., Delle Fave, F. M., **Sintov, N.**, & Tambe, M. (2015). A game of thrones: When human behavior models compete in repeated stackelberg security games. Proceedings of the *International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*.

*Kar, D., Fang, F., Delle Fave, F. M., **Sintov, N.**, Tambe, M., & van Wissen, A. (2015). Effectiveness of Probability Perception Modeling and Defender Strategy Generation Algorithms

in Repeated Stackelberg Games. Proceedings of the 29th annual *Conference for the Advancement of Artificial Intelligence (AAAI)*.

Kwac, J., Tan, C.-W., **Sintov, N.**, Flora, J., & Rajagopal, R. (2013). Utility customer segmentation based on smart meter data: Empirical study. Proceedings of the *IEEE SmartGrid Comm* meeting (pp. 720-725).

Sintov, N.D., Desario, G., & Prescott, C.A. (2010). Effectiveness of a Web-based Intervention in Promoting Energy Conservation in a University Residential Setting. *The climate for energy efficiency is now* (pp.7-322 – 7-336). Washington, DC: American Council for an Energy Efficient Economy.

Papers under review

Gomes, C., Dietterich, T., 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., KolderZ., Powell, W., **Sintov, N.**, Selker, J., Selman, B., Sheldon, D., Shmoys, D., Tambe, M., Wood, C., Wong, W.-K., Wu, X., Kelling, S., Xue, Y., Yadav, A., Yakabu, A., & Zeeman, M.L. Computational Sustainability: Computing for a better world and a sustainable future. Under review at *Communications of the Association for Computing Machinery*.

White, L.V., & **Sintov, N. (under review). Costs and benefits of demand-side response are distributed unevenly across sociodemographic groups.

Working papers

Sintov, N., **White, L.V., & *Walpole, H. Household discussions around thermal comfort, but not thermostat programs, influence manual thermostat adjustments

*Adams, I., & **Sintov, N.** Links between casual attributions and self-conscious emotions and their influences on pro-environmental behavior.

Sintov, N.D., **White, L.V., & *Abou-Ghaloum, V.K. The influences of experience and symbolic perceptions on EV adoption.

Peer-reviewed conference and workshop presentations

Sintov, N.D., *Adams, I., & *Manaster, S. (2019, August). *Gender differences in pro-environmental behavior following carbon footprint feedback*. To be presented at the American Psychological Association annual meeting, Chicago, IL.

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.

Ehrhardt–Martinez, K., Soat, R., Minor-Baetens, J., Gartner, J., & **Sintov, N.D.** (2018, October). *Accelerating Electric Vehicle Adoption: Rethinking the Drivers of Interest and Intentions to Adopt*. Presented at the 12th annual Behavior, Energy, Climate Change meeting, Washington DC.

Rench-McCauley, D., Vargas, M., **Sintov, N.D.**, Carattini, S., & Greene, Z. (2018, October). *How Do Renewable Energy and Energy Efficiency Decisions Differ, and Where Do They Find Common Ground?* Panel presentation at the 12th annual Behavior, Energy, Climate Change meeting, Washington DC.

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.

Sintov, N.D., Slagle, K., & *Walpole, H. (2018, August). *When norms compete to influence household energy use.* To be presented at the American Psychological Association annual meeting, San Francisco, CA.

*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.

Forbes, C., Scherer, H., Wang, H.-H., **Sintov, N.D.**, Li, C., & Millenbah, K. (2018, July). *Building a National Collaborative for Food, Energy, and Water Education (NC-FEW): Insights from a National Conference.* To be presented at the 4th annual Earth Educators' Rendezvous, Lawrence, KS.

Forbes, C., Scherer, H., Wang, H.-H., **Sintov, N.D.**, Li, C., & Millenbah, K. (2018, June). *National Collaborative for Research on Food, Energy, and Water Education.* Presented at the 6th annual convention of the Network of STEM Education Centers, Columbus, OH.

*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.

Sintov, N., & Schuitema, G. (2017, October). *Odd couple or perfect pair? Challenges and recommendations for industry-academic partnerships in energy research.* Presented at the 11th annual Conference on Behavior, Energy and Climate Change, Sacramento, CA.

Sintov, N., Geislar, S., & *White, L.V. (2017, August). *The role of cognitive accessibility in pro-environmental behavioral spillover: Results from a community field experiment.* Presented at the American Psychological Association annual meeting, Washington, DC.

Sintov, N., & Seyranian, V. (2017, July). *Human dimensions of conservation technologies knowledge cafe.* Presented at the International Congress for Conservation Biology, Cartagena, Colombia.

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.

Geislar, S., *White, L.V., & **Sintov, N.** (2017, April). Unintended Consequences of Food Waste Diversion: Whether and How Spillover Behaviors Improve Urban Environmental Impacts. Presented at the 47th Urban Affairs Association Meeting, Minneapolis, MN.

*Gholami, S., Wylder, B., Brown, M., *Thomas, D., **Sintov, N.**, & Tambe, M. (2016, November). Divide to Defend: Collusive Security Games. Presented at the 7th meeting on *Decision and Game Theory for Security*, New York, NY.

*Gholami, S., Wylder, B., Brown, M., *Thomas, D., **Sintov, N.**, & Tambe, M. (2016, September). Divide to Conquer: Toward Addressing Collusion among Human Adversaries in Security Games. Presented at the 22nd *European Conference on Artificial Intelligence*, The Hague, Netherlands.

*Abbasi, Y.D., Ben-Asher, N., Gonzalez, C., Morrison, D., **Sintov, N.**, & Tambe, M. (2016, August). Adversaries Wising Up: Modeling Heterogeneity and Dynamics of Behavior. Presented at the 14th annual *International Conference on Cognitive Modeling*, University Park, PA.

*Abbasi, Y.D., Ben-Asher, N., Gonzalez, C., *Kar, D., Morrison, D., **Sintov, N.**, & Tambe, M. (2016, August). Know your adversary: Insights for a better adversarial behavioral model. Presented at the 38th *Annual Conference of the Cognitive Science Society*, Philadelphia, PA.

*Gholami, S., Wilder, B., Brown, M., Sinha, A., Sintov, N., & Tambe, M. (2016, May). SPECTRE: A Game Theoretic Tool for Preventing Collusion in Security Games (demonstration). Presented at the 15th annual International Conference on Autonomous Agents and Multiagent Systems (AAMAS), Singapore.

*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*.

Sintov, N., *Kar, D., Nguyen, T., Fang, F., Hoffman, K., Lyet, A., & Tambe, M. (2016, February). *From the lab to the classroom and beyond: Extending a Game-Based Research Platform for Teaching AI to Diverse Audiences*. Presented at the Association for the Advancement of Artificial Intelligence 6th Symposium on Educational Advances in Artificial Intelligence, Phoenix, AZ.

*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.

*Abbasi, Y.D., *Kar, D., Sinha, A., **Sintov, N.**, Tambe, M., Fang, F., Nguyen, T., Brown, M., & Zhang, C. (2015, December). *Modeling human bounded rationality*. Presented at the Society for Risk Analysis (SRA) annual meeting, Arlington, VA.

*Ford, B., Nguyen, T., **Sintov, N.**, Tambe, M., & Delle Fave, F. (2015, Nov). *Beware the Soothsayer: Evaluating the Reliability of Attack Predictions in Stackelberg and Network Security Games*. Presented at the 6th annual conference on Decision and Game Theory for Security (GameSec), London, UK.

*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.

Sintov, N.D., Orosz., M.D., & Schultz, P.W. (2015, August). *Personalized Energy Reduction Cyber-Physical System (PERCS): A gamified end-user platform for energy efficiency and demand response*. Presented at the 17th annual International Conference on Human-Computer Interaction, Los Angeles, CA.

*Ford, B., Nguyen, T., Tambe, M., **Sintov, N.**, & Delle Fave, F. (2015, July). *An Empirical Evaluation of Bounded Rationality Models in Network Security Games*. Presented at the 24th annual International Joint Conference on Artificial Intelligence, Workshop on Behavioral, Economic, and Computational Intelligence for Security (IJCAI-BECIS). Buenos Aires, Argentina.

*Abbasi, Y.D., Short, M., Sinha, A., **Sintov, N.**, Zhang, C., & Tambe, M. (2015, May). *Human Adversaries in Opportunistic Crime Security Games: How Past success (or failure) affects future behavior*. Presented at the 24th annual International Joint Conference on Artificial Intelligence, Workshop on Behavioral, Economic, and Computational Intelligence for Security (IJCAI-BECIS). Buenos Aires, Argentina.

*Abbasi, Y.D., Short, M., Sinha, A., **Sintov, N.**, Zhang, C. and Tambe, M. (2015, May). *Human Adversaries in Opportunistic Crime Security Games: Evaluating Competing Bounded Rationality Models*. Presented at the 3rd annual Conference on Advances in Cognitive Systems, Atlanta, GA.

*Kar, D., Fang, F., Delle Fave, F. M., **Sintov, N.**, Sinha, A., Galstyan, A., An, B., & Tambe, M. (2015, May). *Learning Bounded Rationality Models of the Adversary in Repeated Stackelberg Security Games*. Presented at the 4th Adaptive Learning Agents Workshop of the Conference on Autonomous Agents and Multiagent Systems (AAMAS-ALA), Istanbul, Turkey.

*Kar, D., Fang, F., Delle Fave, F. M., **Sintov, N.**, & Tambe, M. (2015, May). *Conducting longitudinal experiments with behavioral models in repeated stackelberg security games on Amazon Mechanical Turk*. Presented at the 4th Human-Agent Interaction Design and Models Workshop of the Conference on Autonomous Agents and Multiagent Systems (AAMAS-HAIDM), Istanbul, Turkey.

*Kar, D., Fang, F., Delle Fave, F. M., **Sintov, N.**, Tambe, M., & van Wissen, A. (2015, May). *A game of thrones: When human behavior models compete in repeated stackelberg security games*. Presented at the 14th International Conference on Autonomous Agents and Multiagent Systems (AAMAS), Istanbul, Turkey.

*Kar, D., Fang, F., Delle Fave, F. M., **Sintov, N.**, Tambe, M., & van Wissen, A. (2015, January). *Effectiveness of Probability Perception Modeling and Defender Strategy Generation Algorithms in Repeated Stackelberg Games*. Presented at the 29th Conference of the Association for the Advancement of Artificial Intelligence (AAAI), Austin, TX.

Sintov, N.D., Angulo, A., Vezich, S., & Goldstein, N.J. (2013, November). *New directions in goal setting: The effects of action planning on electricity conservation*. Presented at the 7th annual conference on Behavior, Energy, and Climate Change, Sacramento, CA.

Lennon, E., **Sintov, N.D.**, & Orosz, M.D. (2013, October). *Campus Attitudes toward Energy Usage, Efficiency, and Emerging Technologies*. Presented at the Association for the Advancement of Sustainability in Higher Education annual meeting, Nashville, TN.

Kwac, J., Tan, C.-W., **Sintov, N.**, Flora, J., & Rajagopal, R. (2013, October). *Utility customer segmentation based on smart meter data: Empirical study*. Presented at the IEEE SmartGrid Comm meeting in Vancouver, Canada.

Sintov, N.D., Karlin, B.M., & Ford, R. (2012, November). *Examining the Effects of Display Presentation*. Poster presented at the 6th annual Behavior, Energy, and Climate Change Meeting, Sacramento, CA.

Sintov, N.D. & Prescott, C.A. (2011, November). *Explaining change in pro-environmental behavior based on the Theory of Planned Behavior and Norm Activation Model*. Poster presented at the 5th annual Behavior, Energy, and Climate Change Meeting, Washington, DC.

Sintov, N.D. & Prescott, C.A. (2011, August). *The influence of social desirability and item priming effects on retrospective reports of pro-environmental behavior*. Poster presented at the 119th Annual Convention of the American Psychological Association, Washington, DC.

Sintov, N.D., Desario, G., & Prescott, C.A. (2010, August). *Effectiveness of a Web-based Intervention in Promoting Energy Conservation in a University Residential Setting*. Presented at the 2010 American Council for an Energy Efficient Economy Summer Study on Energy Efficiency in Buildings: The climate for energy efficiency is now, Asilomar, CA.

Sintov, N.D., Kendler, K.S., Young-Wolff, K.C., Walsh, D., Patterson, D.G., & Prescott, C.A. (2009, June). *Subtypes of alcohol dependence based on comorbid psychopathology*. Poster presented at the 32nd Annual Meeting of the Research Society on Alcoholism, Alcoholism: Clinical and Experimental Research, San Diego, CA.

Sintov, N. D., Kendler, K. S., Sullivan, P. F., Walsh, D., Patterson, D. G., & Prescott, C. A.

(2007, June). *Predictors of illicit substance dependence among individuals with alcohol dependence*. Poster presented at the 30th Annual Meeting of the Research Society on Alcoholism, Alcoholism: Clinical and Experimental Research, Chicago, IL.

Phelps, J., Whisenhunt, N., **Sintov, N.**, Day., M, & Singley, D. (2005, April). *Web Assessment and Peer Educator Motivational Interviewing with Mandated Students*. Presented at The Fourth Annual California State University Alcohol Conference 2005: Creative Leadership in Alcohol Prevention on College Campuses, San Jose, California.

Invited talks and guest lectures

Sintov, N. (2018, November). *The importance of consumer perceptions for the acceptance of energy management technologies and programs*. Presented at the Mid-Ohio Regional Planning Commission, Columbus OH.

Sintov, N. (2018, February). *Results from a Field Experiment on Pro-Environmental Spillover*. Presented at the Society for Personality and Social Psychology Sustainability Preconference, Atlanta GA.

Sintov, N. (2017, December). *CompSust+: Technology transition, adoption, and use*. CompSustNet virtual webinar.

Sintov, N. (2017, October). *Reducing carbon footprints at the household level in California*. Presented at the 3rd Annual Tsingua University – Hertie School of Governance – USC Energy Policy Exchange Forum, Los Angeles CA.

Sintov, N. (2017, September). *Theory + Practice for Pro-environmental Behavior Change*. Presented at OSU's School of Environment and Natural Resources FA seminar series, Columbus, OH.

Sintov, N. (2017, July). *Human dimensions of conservation technologies*. Presented at the Conservation Technology Think Tank Short Course, International Congress for Conservation Biology, Cartagena, Colombia.

Sintov, N. (2017, July). *Shaping the human-technology nexus in the energy transition: The role of identity*. Presented at the 4th Annual Summer School on Environmental Psychology, Dublin, Ireland.

Sintov, N. (2017, March). *Consumer behavior and new technology*. The Ohio State University Center for Automotive Research External Advisory Board meeting.

Sintov, N. (2017, January). *Innovations at the human-technology nexus: Emerging strategies for energy management and wildlife security*. Rice University Department of Civil and Environmental Engineering.

Sintov, N. (2016, October). *Reducing carbon footprints at the household level in California*. Presented at the 2nd Annual Tsingua University – Hertie School of Governance – USC Energy Policy Exchange Forum, Berlin, Germany.

Sintov, N. (2016, July). *At the human-technology nexus: Fostering wildlife security with Conservation Psychology*. 4th International Conference on Computational Sustainability, Ithaca, NY.

Sintov, N. (2016, April). *Using games to enhance engagement in classroom settings and beyond*. USC Center for Excellence in Teaching – Division of Engineering Education Engaged Learning Series.

Sintov, N. (2016, April). *Innovations at the human-technology nexus: Emerging strategies for energy management and wildlife security*. The Ohio State University School of Environment and Natural Resources.

Sintov, N. (2016, April). Technology, behavior, and sustainability. Cal Poly Pomona Experimental Psychology course.

Sintov, N. (2016, February). *Challenges in deploying game-theoretic decision aids for security: Using games to facilitate the lab-to-field transition*. U.S. Chief of Naval Operations Strategic Studies Group workshop.

Sintov, N. (2016, February). *Getting to know your adversary: The role of psychological modeling in cybersecurity contexts*. USC- U.S. Army Research Office cybersecurity workshop.

Sintov, N.D. (2015, November). *Behavioral Science in the Smart Grid*. Presented at the 1st Annual Tsingua University – Hertie School of Governance – USC Energy Policy Exchange Forum. Beijing, China.

Sintov, N.D. (FA 2015) *The Social Science of Climate Change*. USC Environmental Governance and Sustainability course.

Sintov, N.D. (2015, June). *New considerations in wildlife protection: Perspectives from Conservation Psychology*. Presented at the 2nd Conference on Conservation, Computation, and Criminology (C4), Washington, DC.

Sintov, N.D. (2014, September). *Behavioral Science in Data-Aware Energy Applications*. Presented at Rutgers Center For Discrete Mathematics and Theoretical Computer Science Special Program: Mathematics of Planet Earth 2013+ Workshop on Data-aware Energy Use Meeting, San Diego, CA.

Sintov, N.D. (FA 2014). *Using Psychology to Build a Sustainable Future*. USC Teamcore Research Group seminar.

Sintov, N.D. (FA 2014). Cognitive Errors in Environmental Decision-Making. Cal Poly Pomona Environmental Psychology course.

Sintov, N.D. (SP 2014). Emerging Behavioral Approaches to Demand Response. Cal State San Marcos Social Psychology Lab seminar.

Sintov, N.D. (SP 2014). Tools of Behavior Change. USC Sustainable Infrastructures course.

Sintov, N.D. (SP 2013). An Evolutionary Perspective on Cooperation in Social Groups. Cal State San Marcos Graduate Seminar in Social Psychology.

Sintov, N.D. (SP 2013). The Research Silo: Integrating Research and Outreach. S. Groner Associates seminar.

Sintov, N.D. (FA 2011). Real-World Applications of Conservation Psychology. USC Conservation Psychology course.

Research support

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.

PI: Investigating and quantifying household-level food (F)- energy (E) – water (W) footprints (FEWprints), 2017-2018; OSU Sustainable and Resilient Economies.

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).

Co-PI: CompSustNet: Expanding the Horizons of Computational Sustainability, 2015-2020; National Science Foundation (PI: Gomes, Cornell University).

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

- 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). Should we quit our jobs? Challenges, barriers, and recommendations for interdisciplinary energy research. *Energy Policy*, 101, 246-250.
- Best Innovative Application of Artificial Intelligence, Association for the Advancement of Artificial Intelligence 2016 video contest. Fang, F., *Kar, D., *Thomas, D., **Sintov, N.** & Tambe, M. Save the Wildlife, Save the Planet: Protection Assistant for Wildlife Security (PAWS).
- Nominee, 2016 Resonate Award, Cal Tech Resnick Sustainability Institute
- 2nd place Social Sciences Award (2016), USC Undergraduate Symposium for Scholarly and Creative Work, *Sarah Weingust & Nicole Sintov, The Political Power of Dissonance: How liberals and conservatives respond to induced dissonance around the issue of climate change.

Teaching

OSU School of Environment and Natural Resources

- Advanced Theories in Conservation Psychology (ENR 8890.06); Instructor; SP 2018, SP 2019
- Promoting Pro-Environmental Behavior (ENR 5194); Instructor; FA 2017, FA 2018
- Undergraduate Directed Research (ENR 4998); Faculty supervisor; FA 2017, SP 2019
- Undergraduate Research Distinction (ENR 4999); Faculty supervisor; SP 2019

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

USC Environmental Studies Program

- Directed Research (ENST 490); Faculty Advisor; FA 2015
- Introduction to Environmental Studies (ENST 100); Instructor; FA 2014 (two sections)

USC Department of Psychology

- Conservation Psychology (PSYC 456); Instructor; FA 2014, FA 2015
- Direct Field Experiences in Psychology (PSYC 391); Faculty Advisor; FA 2014
- Directed Research (PSYC 490); Faculty Advisor; SP 2014
- Social Psychology (PSYC 355); Teaching Assistant; SP 2009
- Introduction to Psychology (PSYC 100); Teaching Assistant; FA 2007, FA 2008
- Introduction to Clinical Psychology (PSYC 361); Teaching Assistant; SP 2008

Student research supervision

Postdoctoral scholars

Primary supervisor, Dr. Lee White, OSU SENR, 2018-present

Graduate students

Primary research supervisor

Student	Degree	University	Dept.	Dates	Thesis/Dissertation Title
¹ Victoria Abou-Ghalioum	PhD	OSU	SENR	FA 2018- present	TBD
¹ Briahna Hendey	MS	OSU	SENR	FA 2018- present	TBD
¹ Ian Adams	MS	OSU	SENR	FA 2017- present	Relationships between causal attributions and self-conscious emotions in pro-environmental decision-making

Thesis and dissertation committees

Student	Degree	University	Dept.	Dates	Thesis/Dissertation Title
³ Emily Walpole	PhD	OSU	SENR	FA 2017- present	A Construal-Based Examination of the Climate Change - Hazard Interface
³ Hugh Walpole	PhD	OSU	SENR	FA 2017- present	Reperceiving Perceived Risk: Examining the Psychological Structure of Risk Perception
² Lee White	PhD	USC	Urban Planning	2015- 2018	Household carbon footprints: how to encourage adoption of emissions-reducing behaviors and technologies
³ Ben Ford	PhD	USC	Computer Science	2014- 2016	Real-World Evaluation and Deployment of Wildlife Crime Prediction Models
^{2,3} Yasaman Abbasi	PhD	USC	Industrial & Systems Engineering	2014- 2016	Modeling Human Bounded Rationality in Opportunistic Security Games

¹ Dissertation or Thesis Chair

² Dissertation or Thesis Committee

³ Qualifying/Candidacy Exam Committee

Undergraduate Students

Research Distinction thesis supervisor

Student	Univ.	Dept./ Major	Dates	Thesis/Project Title
Sophie Manaster	OSU	SENR EPDM	SP 2018-present	Gender differences in consumption behavior following carbon footprint feedback

Honors thesis committee member

Student	Univ.	Dept./ Major	Dates	Thesis/Project Title
Grace Saalman	OSU	SENR EPDM	SP 2018	The Role of State Environmental Justice Actions on Reducing Environmental Inequality from 1995 to 2004
Andrew Shea	OSU	SENR EEDS	SP 2018	The Effects of Natural Capital Investment on Coastal Resilience to Natural Hazards
Olivia Carros	OSU	SENR EPDM	SP 2018	Promoting Cover Crop Adoption to Improve Water Quality in Agricultural Landscapes
Jennifer Satterfield	OSU	SENR EPDM	FA 2017	The Effect of the Lead Water Crisis as a Focusing Event on Cooperation and Conflict Among Actors in Sebring, Ohio
Mara Momenee	OSU	SENR EPDM	SP 2017	Exploring the Potential of Home Gardening to Increase Food Access and Enhance Community Development in Low-Income Urban Neighborhoods

Primary research supervisor, Directed Research (for course credit)

Student	Univ.	Dept./ Major	Dates	Thesis/Project Title
Renna Wittum	OSU	SENR EPDM	SP 2019	TBD
Kelly Ahearne	OSU	SENR Envi. Science	FA 2017	A method for assessing household energy interactions
Zach Manta	USC	Envi. Studies Program	FA 2014-FA 2015	Care to elaborate?
Diana Dai	USC	Psychology Dept.	SP 2014	Predictors of electric vehicle adoption in Los Angeles
Agassi Tran	USC	Psychology Dept.	SP 2014-SP 2015	What goes on behind closed doors? How college dormitory residents change to save energy during a competition-based energy reduction intervention

Primary research supervisor, recipients of competitive University-sponsored research awards

Student	Univ.	Dept./ Major	Dates	Program	Thesis/Project Title
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Sarah Weingust*	USC	Psychology Dept	FA 2015-SP 2016	Provost Fellowship & Student Opportunities for Academic Research (SOAR)	The Political Power of dissonance: How liberals and conservatives respond to induced dissonance around the issue of climate change
Jori Barash	USC	Economics Dept.	FA 2015	SOAR	Acceptance of new patrol technologies among wildlife law enforcement rangers
Elliott Wezerek	USC	Environmental Studies Program	SP 2016-SUM 2016	SOAR	Acceptance of new patrol technologies among wildlife law enforcement rangers
Tina Khiani	USC	Psychology Dept.	FA 2009-SP 2010	Undergraduate Research Associates Program	Examining the relationship between major area of study and environmentalism among college students
Neelam Savla	USC	Psychology Dept.	FA 2009-SP 2010	Undergraduate Research Associates Program	Examining the relationship between major area of study and environmentalism among college students

Primary research supervisor, students supported by grants and work-study

Student	Univ.	Dept./Major	Dates	Project
Conor Lovell	OSU	SENR EEDS	SP 2019-present	Disrupting Contamination
Sarah Miles**	OSU	SENR EPDM	FA 2017-SUM2018	NSF Energy Interactions
Maddie Goebel	OSU	SENR EEDS	FA 2017-SUM2018	NSF Energy Interactions
Quinn Weinberger	OSU	SENR EEDS	SP 2018-present	OSU SRE: Investigating and quantifying household-level food-energy-water Footprints (FEWprints)
Jacob Cardinal	OSU	SENR EEDS	FA 2017-SP 2018	NSF Energy Interactions
Stephanie Mitchell	OSU	SENR EEDS	FA 2017-SP 2018	NSF Energy Interactions

Catherine Swaidan	USC	Psychology Dept.	SP 2014- SP 2015	DOE/LADWP Smart Grid Customer Behavior
Jordan Raffo	USC	Chemical and Environmental Engineering	SP 2014	DOE/LADWP Smart Grid Customer Behavior
Providence Ilsevich	USC	Industrial and Systems Engineering	SUM 2014	DoD Scalable, Stochastic and Spatiotemporal Game Theory for Real-World Human Adversarial Behavior
Alana Osterling	USC	Industrial and Systems Engineering	FA 2014	DoD Scalable, Stochastic and Spatiotemporal Game Theory for Real-World Human Adversarial Behavior
Dana Thomas	USC	Computer Science	SP 2016	DoD Scalable, Stochastic and Spatiotemporal Game Theory for Real-World Human Adversarial Behavior
Arash Zadeh	USC	Economics	SUM 2014-FA 2014	DOE/LADWP Smart Grid Customer Behavior

*Sarah Weingust received competitive USC Provost's Fellowship to conduct research in my lab.

**Sarah Miles received competitive ENR Distinguished Senior award based on her work in my lab.

High School students

- Primary research supervisor, Caitlin Karasik, Marlborough High School Honors Program in Social Sciences, FA 2010-SP 2011, "The associations among pro-environmental behavior, ascribed responsibility, and group cohesion at Marlborough School"

Service

SENR service

- Founding co-chair, OSU School of Environment and Natural Resources Task Force on Diversity, Inclusion, Justice, and Equity (DIJE), 2017-present
- Committee Member, OSU School of Environment and Natural Resources Honors and Scholarships Committee, 2017-present
- Faculty mentor to 16 undergraduate students from Fall 2017-present

College of Food, Agricultural, and Environmental Sciences service

- Awards judge, CFAES Undergraduate Research Forum, Spring 2019

OSU university-level service

- Committee member, OSU Smart Campus Faculty Engagement Group, 2018-present
- Awards judge, Denman Undergraduate Research Forum OEE Awards, Spring 2018
- OSU lead, NCDC231: multi-state committee Collaborative for Research on Food, Energy, and Water Education, 2017-2018
- OSU lead, NC1207: Collaborative for Research on Food, Energy, and Water Education, 2018-present

- Graduate Faculty rep, PhD examination, Sarah Lukowski, “Predictors of Scientific Reasoning: The Role of Executive Functions and Statistical Skills”, May 2017, Dept of Psychology

Community service

- Advisory Board member, Smart Columbus Consumer Adoption project, 2017-present
- Advisory Committee member, Mid-Ohio Regional Planning Commission Franklin County Energy Study, 2017-2018
- Research Committee Member, Smart Grid Consumer Collaborative, 2014-2016
- Advisory Board Member, Association for the Advancement of Sustainability in Higher Education, 2013-2015
- Advisor, United States National Center for Education Research, Behavioral Sciences Research Agenda, 2011

Refereeing activity

- Ad-hoc proposal reviewer, National Science Foundation, U.K. Research and Innovation Economic and Social Research Council
- Reviewer for the following journals: *Energy Policy*, *Energy Economics*, *Energy Efficiency*, *Energy Research and Social Science*, *Conservation Biology*, *Risk Analysis*, *International Journal of Sustainability in Higher Education*, *Environment Systems and Decisions*, *Resources Conservation and Recycling*, *Review of General Psychology*, *Journal of Environmental Planning and Management*
- Review Editor, *Frontiers in Environmental Psychology*
- Conference reviewer: American Psychological Association Div 34 – 2018 annual meeting, 2019 annual meeting; Society for Conservation Biology annual meeting, 2015; Association for the Advancement of Sustainability in Higher Education Annual Meeting, 2013-2017; International Joint Conference on Artificial Intelligence Workshop on Behavioral, Economic and Computational Intelligence for Security; 4th International Conference on Computational Sustainability, 2016

Leadership and professional memberships

Conference and workshop organization

- Chair, 2019 Society for Personality and Social Psychology Sustainability Preconference
- Co-Chair, Innovating Teaching and Learning in the Food-Energy-Water-Nexus: Toward a National Collaborative for Food, Energy, & Water Systems Education, 2018
- Program board member, 7th International Conference on Human Computer Interaction International, Digital Human Modeling and Applications, 2017
- Program committee member, AAAI SP Symposium on AI for social good, 2017
- Co-chair of Doctoral Consortium and Program committee member, 4th International Conference on Computational Sustainability, 2016
- Co-chair, USC Conference on Conservation, Computation, and Criminology, 2015
- Co-chair, USC Environmental Sustainability Research Network Workshop on Emerging Perspectives in Environmental Decision-Making, 2015
- Program committee member, 2015 International Joint Conference on Artificial Intelligence Workshop on Behavioral, Economic and Computational Intelligence for Security (BECIS)
- Invited Panel Moderator, Behavior, Energy & Climate Change Conference (BECC), 2013

Professional memberships

- Society for Environmental, Population, and Conservation Psychology (American Psychological Association Division 34), member, 2009-present
- Applied Experimental and Engineering Psychology Division, American Psychological Association, member, 2013-present
- Society for Personality and Social Psychology, member, 2016-present
- Society for Conservation Biology – Social Science Working Group, Conservation Technologies Working Group, member, 2016-present