

## CURRICULUM VITAE

### STEPHANIE DELPHINE PRESTON

University of Michigan  
Department of Psychology  
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530 Church Street  
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#### Education

Postdoctoral Fellowship: Neurology Clinic, 2001–2005, The University of Iowa College of Medicine, Iowa City, IA, supervised by Antoine Bechara, Antonio Damasio, Hanna Damasio.

Ph.D.: Behavioral Neuroscience, 2001, University of California, Berkeley

M.A.: Biological Psychology, 1998, University of California, Berkeley

B.A.: Cognitive Science, 1994, University of Virginia, Charlottesville

#### Current position

2018-present: Full Professor, Department of Psychology, University of Michigan, Cognition and Cognitive Neuroscience Area

2023-present: Co-Faculty Ombuds, University of Michigan

2012-2018: Associate Professor, Department of Psychology, University of Michigan, Cognition and Cognitive Neuroscience Area

Winter 2014: Visiting Faculty, University of North Carolina, Chapel Hill, Department of Psychology

2013-2016: Distinguished Faculty Fellow in Sustainability

2012-present: Associate Faculty, University of Michigan Comprehensive Depression Center

2005-2012: Assistant Professor, Department of Psychology, University of Michigan, Cognition and Cognitive Neuroscience Area

#### Research Interests

The neurobiology of empathy and altruism; Effects of emotion on decisions about resources (e.g., donations, hoarding, consumption, sustainability); Critical thinking; Applied Psychology to address social issues (racial bias; transportation access, climate change)

#### Media Mentions

Good Morning America (appearance), BBC News (appearance), Ch. 7 News WXYZ-TV (appearances), Ch. 4 News WDIV-TV (appearance), CBS Detroit, New York Times,

Washington Post, BBC, National Public Radio, NPR's Marketplace, NPR's The World with Marco Werman, Wall Street Journal, Discover Magazine, Los Angeles Times, Time Magazine, Newsweek (in Russia), New York Magazine, Science Magazine, Popular Science, Huffington Post, New Scientist, Dr. Oz Magazine, Men's Health, VICE, Sydney Morning Herald, Elle (South Africa), Slate.com, Gawker, Maclean's, Detroit Free Press, Cleveland Plain Dealer, Bloomberg View (Bloomberg.com), In Your Right Mind (podcast interview), Nautilus Magazine, APA Monitor

## **Common Courses Taught**

Empathy, Altruism, Sustainability for Psychology, Academic Writing, Research Methods, Decision Making, Emotion, Mindfulness in Sports

## **Honors and Awards**

J. Frank Yates Award for Excellence in Seminar-Based Teaching, 2023.

Two-time nominee for Golden Apple Award, "the only campus-wide award for faculty organized and decided by students for exceptional faculty," University of Michigan.

Finalist for U-M Provost's Teaching Innovation Prize, University of Michigan.

NSF Collaborative Research Grant, UM Co-PI on research grant shared with UM-Minnesota: CISE: Large: Integrated Networking, Edge System and AI Support for Resilient and Safety-Critical Tele-Operations of Autonomous Vehicles (\$1,300,000), 2023-2027.

NIH RO1, Minority Health and Health Disparities, Co-I on Research Grant: Establishing an Artificially Intelligent Framework for Improving Therapeutic Alliance with Obese African American Youth and Caregivers through Multimodal Monitoring of Empathetic Accuracy and Interpersonal Processes (\$597,388), 2022-2027.

Toyota and UM MCity Research Grant: Fear of the Unknown: Measuring the Impact of Fear and Uncertainty on Autonomous Vehicle Riders by Race and Disability Status (200,000), 2022-2024.

UM-LSA Social Science Initiative Grant, PI on research grant: Transforming Society Through a Novel Sci-Fusion Interdisciplinary Initiative (\$10,000), 2021-2023.

Martin and Ruth Jaffe Research Fund, PI on research grant: Valuing Evidence Based Reasoning Through Teaching and Training (\$261,154), 2019-2021.

Environmental Defense Fund (EDF), PI on research grant: Species-Specific Effects on Donation Behavior (\$5,000), 2017-2018.

Didi Chuxing Company, Co-I on research grant: DiDi Research on Behavioral Interventions in Transportation Services (\$150,000), 2017-2018.

UM-LSA Associate Professor Support Fund (AFSF), PI on research grant: Implicit Affective Drivers of Decision Making (\$31,552), 2016-2018.

2017 Faculty Recognition Award from Rackham Graduate School at the University of Michigan, for "outstanding achievements in scholarly research and/or creative endeavors; excellence as a teacher, advisor and mentor; and distinguished

participation as a conscientious and engaged citizen of their department, school/college, the University, and elsewhere.”

Fellow of the American Psychological Society (2015) for “sustained, outstanding contributions to the science of psychology in the areas of research, teaching, service, and/or application.”

The Social and Affective Neuroscience Society (SAN) Innovation Award for: Preston, Stephanie D. (2013). The origins of altruism in offspring care. *Psychological Bulletin*, 139, 1305-1341.

Hyundai KIA America Technical Center, Inc. (HATCI), PI on research grant: Gender Differences in Implicit Versus Explicit Vehicle Perceptions (\$15,209), 2015.

Hyundai KIA America Technical Center, Inc. (HATCI), PI on research grant: Understanding Implicit Perceptions of New Vehicles (\$79,088), 2015.

Environmental Defense Fund (EDF), PI on research grant: Investigating Conceptions of Natural Resources Across Domains and Populations (\$50,000), 2014-2016.

Hyundai KIA America Technical Center, Inc. (HATCI), PI on research grant: Revealing Automobile Associations and Preferences through Cognitive and Evolutionary Psychology (\$77,000), 2014.

Institute for Women and Gender, Co-I on research grant with Michelle Segar, R. Brent Stansfield, Emily Faulk: Toward Sustainable Health: Leveraging Gender Differences in Explicit and Implicit Motivators to Optimally Promote Physical Activity (\$6,450), 2013-2015.

Templeton Foundation, Positive Neuroscience Grant, Co-PI on research grant with Tony W. Buchanan: When Feeling and Doing Diverge: Neural and Physiological Correlates of the Empathy- Altruism Divide (\$200,000.00), 2010-2012.

University of Michigan, Rackham Graduate School, PI on Conference Grant: Michigan Meeting: The Interdisciplinary Science of Consumption: Mechanisms of Allocating Resources Across Disciplines (\$50,000.00), 2009-2010.

National Science Foundation (NSF), Co-PI on research grant with Stephanie Brown: Physiological Effects of Helping Others (\$447,961.00), 2008-2011.

University of Michigan, Office of the Vice President for Research, PI on Faculty Grant: Decision Making about Everyday Objects (\$15,000.00), 2007-2008.

Institute for Research on Unlimited Love Research, PI on Grant: The Physiology of Love: Empathic Responding to Emotional Reactions (\$78,0000.00), 2003-2005.

Eli Lilly Research Fellowship, 2003.

University of Iowa Hospitals & Clinics, Neurology Department: Postdoctoral Fellowship, 2001- 2005.

National Institute of Mental Health (NIMH): Student Travel Award for SBN Conference, 2001. University of California, Berkeley: Elected for membership in Phi Beta Kappa, 2001.

University of California, Berkeley: Vice Chancellor's Research Fellowship, 2000.  
 University of California, Berkeley: Graduate Awards Research Fellowship, 2000.

University of California, Berkeley: University Fellowship, 1999.

University of California, Berkeley: Recognition of Distinction for Qualifying Exams, 1999. National Science Foundation (NSF): Spatial Cognition Training Grant Fellowship, 1997-1999. National Science Foundation (NSF): Honorable Mention Fellowship, 1996.

## Books

Preston, S. D. (2022). *The altruistic urge*. Columbia University Press.

Preston, S. D., Kringelbach, M. L., Knutson, B. (2014). *The interdisciplinary science of consumption*. Cambridge, MA: The MIT Press.

## Peer-Reviewed Publications (student names underlined)<sup>1</sup>

<sup>PI</sup>Shin, H., Shah, P., Preston, S. D. (2024). The reasoning through evidence versus advice (EvA) scale: Scale development and validation. *Journal of Personality Assessment*, 1-15. <https://doi.org/10.1080/00223891.2023.2297266>

Cunningham, P. B, Gilmore, J., Naar, S., Preston, S. D., Eubanks, C. F., Hubig, N. C., McClendon, J., Ghosh, S., Ryan-Pettes, S. (2023). Opening the black box of family-based treatments: An artificial intelligence framework to examine therapeutic alliance and empathy. *Clinical Child and Family Psychology Review*, 1-19. <https://doi.org/10.1007/s10567-023-00451-6>

<sup>PI</sup>Vickers, B. D., Seidler, R. D., Stansfield, R. B., Weissman, D. H., Preston, S. D. (2023). Altruistic responses to the most vulnerable involve sensorimotor processes, *Frontiers in Psychiatry*, 14, 1-14. <https://doi.org/10.3389/fpsy.2023.1140986>

<sup>PI</sup>Liu, T., Vickers, B. D., Seidler, R. D., Preston, S. D. (2023). Neural correlates of overvaluation and the effort to save possessions in a novel decision task: An exploratory fMRI study. *Frontiers in Psychology*, 14, 1-15. <https://doi.org/10.3389/fpsyg.2023.1059051>.

<sup>PI</sup>Bickel, L. A. & Preston, S. D. (2023). Environmental impassivity: Lower emotional responses across contexts underlie a lack of concern for the Earth. *Emotion*, 23(4), 1175-1189. <https://doi.org/10.1037/emo0001072>

Li, J., Nassauer, J. I., Webster, N. J., Preston, S. D., & Reyes Mason, L. (2022). Experience of localized flooding predicts urban flood risk perception and perceived safety of nature-based solutions. *Frontiers in Water*, 4, 1075790-1075802. <https://doi.org/10.3389/frwa.2022.1075790>

<sup>PI</sup>Liu, T., Ackerman, J. M., Preston, S. D. (2021). Dissociating compulsive washing and hoarding tendencies through differences in comorbidities and the content of

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<sup>1</sup>Authorship in order of contribution; <sup>PI</sup> indicates neuroscientific convention (PI listed last).

- concerns. *Journal of Behavioral and Cognitive Therapy*, 31(4), 291-308.  
<https://doi.org/10.1016/j.jbct.2021.05.003>
- Preston, S. D., Liao, J. D., Toombs, T. P., Romero-Canyas, R., Speiser, J., & Seifert, C. M. (2021). A case study of a conservation flagship species: The Monarch butterfly. *Biodiversity and Conservation*, 30(7), 2057-2077. <https://orcid.org/0000-0001-5889-5167>
- Shiota, M. N., Papiés, E. K., Preston, S. D., & Sauter, D. A. (2021). Positive affect and behavior change. *Current Opinion in Behavioral Sciences*, 39, 222-228.  
<https://doi.org/10.1016/j.cobeha.2021.04.022>
- Preston, S. D. & MacMillan-Ladd, A. D. (2021). Object attachment and decision-making. *Current Opinion in Psychology*, 39, xx-yy. <https://doi.org/10.1016/j.copsyc.2020.07.019>
- Preston, S. D. & Gelman, S. A. (2020). This land is my land: Psychological ownership, but not legal ownership, increases protectiveness for the natural world. *Journal of Environmental Psychology*, 70, 1-9. <https://doi.org/10.1016/j.jenvp.2020.101443>
- Preston, S. D., Ermler, M., Lei, Y., Bickel, L.A. (2020). Understanding empathy and its disorders through a focus on the neural mechanism. *Cortex*, 127, 347-370.  
<https://doi.org/10.1016/j.cortex.2020.03.001>
- <sup>2</sup>Gross, D. M. & Preston, S. D. (2020). Darwin and the situation of emotion research. *Emotion Reviews*, 12, 179-190. <https://doi.org/10.1177/1754073920930802>
- <sup>2</sup>de Waal, F. B. M. & Preston, S. D. (2017). Mammalian empathy: Behavioral manifestations and neural basis. *Nature Reviews Neuroscience*. 18, 498-509.  
<https://doi.org/10.1038/nrn.2017.72>
- Buchanan, T. W. & Preston, S. D. (2017). Commentary: Social stress contagion in rats: Behavioral, autonomic, and neuroendocrine correlates. *Frontiers in Behavioral Neuroscience*, 11, 175. <https://doi.org/10.3389/fnbeh.2017.00175>
- <sup>PI</sup>Hofelich-Mohr, A., Kross, E., & Preston, S. D. (2016). Devil in the details: Effects of depression on the prosocial response depend on timing and similarity. *Adaptive Human Behavior and Physiology*, 2(4), 281–297. <https://doi.org/10.1007/s40750-016-0044-x>
- Carpenter, S. M., Yates, J. F., Preston, S. D., & Chen, L. (2016). Regulating emotions during difficult multiattribute decision making: The role of pre-decisional coherence shifting. *PLoS ONE*, 11(3), 1-21. <https://doi.org/10.1371/journal.pone.0150873>
- Vickers, B. D., Preston, S. D., Gonzalez, R., & Angott, A. (2016). Hoarders only discount consumables and are more patient for money. *Frontiers in Behavioral Neuroscience*, 10(30), 1-12. <https://doi.org/10.3389/fnbeh.2016.00030>

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<sup>2</sup>The authors contributed equally to this work.

<sup>PI</sup>Authorship in neuroscientific convention, with PI listed last.

- Festini, S. B., Preston, S. D., Reuter-Lorenz, P. A., & Seidler R. D. (2016). Emotion and reward are dissociable from error during motor learning. *Experimental Brain Research*, 234, 1385-1394.
- Cheng, P., Preston, S. D., Jonides, J., Hofelich, A., Thummula, K., Casement, M., Hsing, C., & Deldin, P. J. (2015). Evidence against mood-congruent attentional bias in Major Depressive Disorder. *Psychiatry Research*, 230(2), 496-505. <https://doi.org/10.1016/j.psychres.2015.09.043>
- Buchanan, T. W. & Preston, S. D. (2014). Stress leads to prosocial action in immediate need situations. *Frontiers in Behavioral Neuroscience*, 8(5). 1-6. <https://doi.org/10.3389/fnbeh.2014.00005>
- <sup>3</sup>Hauser, D. J., Preston, S. D., & Stansfield, R. B. (2014). Altruism in the wild: When affiliative motives to help positive people overtake empathic motives to help the distressed. *Journal of Experimental Psychology: General*, 143(3), 1295-1305. <https://doi.org/10.1037/a0035464>
- <sup>4</sup>Preston, S. D. (2013). Examining the origins of altruism in offspring care. *Psychological Bulletin*. 139(6), 1305-1341. <https://doi.org/10.1037/a0031755>
- <sup>1</sup>Hsing, C. K., Hofelich, A. M., Stansfield, R. B., & Preston, S. D. (2013). Alexithymia slows performance but preserves spontaneous semantic decoding of negative expressions in the Emostroop task. *International Journal of Psychology*, 6, 56-67.
- Preston, S. D., Hofelich, A. J., & Stansfield, R. B. (2013). The ethology of empathy: A taxonomy of real-world targets of need and their effect on observers. *Frontiers in Human Neuroscience*, 7(488), 1-13. <https://doi.org/10.3389/fnhum.2013.00488>
- <sup>1</sup>Wang, J. M., Seidler, R. D., Hall, J. L., & Preston, S. D. (2012). The neural bases of acquisitiveness: Decisions to acquire and discard everyday goods differ across frames, items, and individuals. *Neuropsychologia*, 50(5), 939-948. <https://doi.org/10.1016/j.neuropsychologia.2012.01.033>
- Preston, S. D. & Hofelich, A. J. (2012). The many faces of empathy: Parsing empathic phenomena through a proximate, dynamic-systems view of representing the other in the self. *Emotion Review*, 4(1), 24-33. <https://doi.org/10.1177/1754073911421378>
- Preston, S. D. & Hofelich, A. J. (2012). Understanding empathy by modeling rather than organizing its contents (reply to commentaries). *Emotion Review*, 4(1), 38-39. <https://doi.org/10.1177/1754073911421397>
- <sup>5</sup>Buchanan, T. W., Bagley, S. L., Stansfield, R. B., & Preston, S. D. (2011). The empathic, physiological resonance of stress. *Social Neuroscience*, 7(2), 191-201. <https://doi.org/10.1080/17470919.2011.588723>.

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<sup>3</sup>Winner of the Brickman Award for most outstanding paper by a graduate student; featured in Particularly Exciting Experiments in Psychology by the APA (PeePs).

<sup>4</sup>Winner of the Social Affective Neuroscience (SAN) Innovation award.

<sup>5</sup>Drs. Buchanan and Preston contributed equally to this work.

- Hofelich, A. J. & Preston, S. D. (2011). The meaning in empathy: Distinguishing true empathy from facial mimicry, attention to emotion, and trait empathy. *Cognition & Emotion*, 26(1), 119- 128. [https://doi.org/ 10.1080/02699931.2011.559192](https://doi.org/10.1080/02699931.2011.559192)
- Preston, S. D., Muroff, J. R., & Wengrovitz, S. M. (2009). Investigating the mechanisms of hoarding from an experimental perspective. *Depression and Anxiety*, 26, 425-437.
- Ackerson, K., & Preston, S. D. (2009). A decision theory perspective on why women do or do not decide to have cancer screening: Systematic review. *Journal of Advanced Nursing*, 65, 1130-1140.
- Preston, S. D., & Jacobs, L. F. (2009). Mechanisms of cache decision making in fox squirrels (*Sciurus niger*). *Journal of Mammalogy*, 90, 787–795.
- Preston, S. D., & Stansfield, R. B. (2008). The Emostroop effect: Task-irrelevant facial emotions are processed spontaneously, rapidly and at the level of the specific emotion. *Cognitive and Affective Behavioral Neuroscience*, 8, 54-64.
- Preston, S. D., Bechara, A., Damasio, H., Grabowski, T. J., Stansfield, R. B., Mehta, S., & Damasio A. R. (2007). The neural substrates of cognitive empathy. *Social Neuroscience*, 2, 254- 275.
- Preston, S. D., Buchanan, T. W., Stansfield, R. B., & Bechara, A. (2007). Effects of anticipatory stress on decision making in a gambling task. *Behavioral Neuroscience*, 121, 257–263.
- Preston, S. D., & Jacobs, L. F. (2005). Cache decision making: The effects of competition on cache decisions in Merriam’s kangaroo rat (*Dipodomys merriami*). *Journal of Comparative Psychology*, 119, 187-196.
- Preston, S. D., & de Waal, F. B. M. (2002). Empathy: Its ultimate and proximate bases. *Behavioral and Brain Sciences*, 25, 1-71.
- Preston, S.D., & Jacobs, L.J. (2001). Conspecific pilferage but not presence affects cache strategy in Merriam's kangaroo rats. *Behavioral Ecology*, 12, 517-523.
- Aureli, F., Preston, S. D., & de Waal, F. B. M. (1999). Heart rate responses to social interactions in free-moving rhesus macaques (*Macaca mulatta*): A pilot study. *Journal of Comparative Psychology*, 113, 59-65.
- Insel, T.R., Preston, S., & Winslow, J.T. (1995). Mating in the monogamous vole: Behavioral consequences. *Physiology and Behavior*, 57, 615-627.

## Other Publications

- Preston, S. D. & Nichols, T. (in press). Empathy, Altruism, and Wellbeing. In M. Briguglio, N. Czap, & K Laffan, (Eds.), *Wellbeing and policy: Evidence for action*. Routledge Taylor and Francis Group.
- Mermelstein, I. J. & Preston, S. D. (2023). Using effective psychological techniques to subvert a US socio-political context. Commentary on Chater and Loewenstein, The i-frame and the s-frame: How focusing on individual-level solutions has led behavioral



- public policy astray. *Behavioural and Brain Sciences*, 46, e169.  
DOI: <https://doi.org/10.1017/S0140525X23000869>
- Preston, S. D., & Muñoz, R. (2023). Below the surface of a touch. *Elife*, 12, e88215, 1-3.  
Commentary on Handlin L, Novembre G, Lindholm H, Kämpe R, Paul E, Morrison I. 2023. DOI: <https://doi.org/10.7554/eLife.88215>
- Preston, S. D. (2023). Neuroscience of heroism. In Allison, S. T., Beggan, J. K., Goethals, G. R. (Eds.), *Encyclopedia of heroism Studies* (pp. 1-10). Springer.  
[https://doi.org/10.1007/978-3-031-17125-3\\_356-1](https://doi.org/10.1007/978-3-031-17125-3_356-1)
- Preston, S. D. (2019). Neural and physiological mechanisms of altruism and empathy. In Lopez, S., Edwards, L., & Marques, S. (Eds.), *The oxford handbook of positive psychology, 3rd Edition*, New York: Oxford University Press.
- Preston, S. D. & Webster, N. J. (2018). Consumption. In M. H. Bornstein, M. E. Arterberry, K. L. Fingerman, & J. E. Lansford (Eds.), *The SAGE encyclopedia of lifespan human development*, Thousand Oaks, California: SAGE Publications.
- Preston, S. D. & de Waal, F. B. M. (2017). Only the PAM explains the personalized nature of empathy. *Nature Reviews Neuroscience*. 18, 769. <https://doi.org/10.1038/nrn.2017.140>
- Preston, S. D. (2017). The rewarding nature of social contact. *Science*, 357(6358), 2-3. doi: 10.1126/science.aao7192
- Preston, S. D. (2016). The evolution and neurobiology of heroism. In S. T. Allison, G. R. Goethals, & R. M. Kramer (Eds.), *The handbook of heroism and heroic leadership*. New York: Taylor & Francis/Routledge.
- Buchanan, T. W. & Preston, S. D. (2016). When feeling and doing diverge: Neural and physiological correlates of the empathy-altruism divide. In J. D. Greene, I. Morrison & M. Seligman (Eds.), *Positive neuroscience*. London: Oxford University Press.
- Preston, S. D., Kringelbach, M. L., & Knutson, B. (2014). Introduction: Toward an interdisciplinary science of consumption. In S. D. Preston, M. Kringelbach, & B. Knutson (Eds.), *The interdisciplinary science of consumption*. Cambridge, MIT Press.
- Preston, S. D. & Vickers, B. D. (2014). The psychology of acquisitiveness. In S. D. Preston, M. Kringelbach, & B. Knutson (Eds.), *The interdisciplinary science of consumption*. Cambridge, MIT Press.
- Gross, D. M. & Preston, S. D. (2014). Emotion science and the heart of a two-cultures problem. In F. Biess, A. Owzar, & D. M. Gross (Eds), *Science and emotions: Transnational emotional cultures in the US and Germany after 1945*. Chicago, Ill. Chicago University Press.
- Preston, S. D. (2013). Empathy and altruism from an interdisciplinary perspective. In S. Hitlin and J. E. Stets (Eds.), *The science of morality workshop: Disciplinary and interdisciplinary approaches now and in the future* (pp. 120-127). Washington, DC: American Sociological Association.



- Vickers, B. D. & Preston, S. D. (2013). The economics of hoarding. In R. O. Frost & G. Steketee (Eds.), *The oxford handbook of hoarding and acquiring*. London: Oxford University Press.
- Preston, S. D. (2013). Hoarding in animals: The argument for a homology. In R. O. Frost & G. Steketee (Eds.), *The oxford handbook of hoarding and acquiring*. London: Oxford University Press.
- Hofelich, A. J. & Preston, S. D. (2013). Different strokes: Individual differences in the emotional response of patients and the people who observe them. In M. Kent, M. C. Davis & J. W. Reich (Eds.), *The resilience handbook: Approaches to stress and trauma* (pp. 247-256). New York: Routledge Press.
- Brown, S. L., Brown. R. M., & Preston, S. (2012). A model of human caregiving motivation. In S. L. Brown, R. M. Brown, & L. A. Penner, (Eds), *Moving beyond self interest: Perspectives from evolutionary biology, neuroscience, and the social sciences* (pp. 75-88). New York, NY: Oxford University Press.
- Preston, S. D. (2011). Towards an interdisciplinary science of consumption. *Annals of the New York Academy of Sciences*, 1236, 1-16. doi: 10.1111/j.1749-6632.2011.06163.x
- Preston, S. D. (2011). The empathy gap. Books & Arts review of Simon Baron Cohen's *Zero degrees of empathy: A new theory of human cruelty*. *Nature*, 472, 416.
- Preston, S. D., & de Waal, F. B. M. (2011). Altruism. In J. Decety and J. Cacioppo, (Eds.), *The handbook of social neuroscience* (pp. 565-585). New York, NY: Oxford University Press.
- Preston, S. D. (2008). Putting the subjective back into intersubjective: The importance of person- specific, distributed, neural representations in perception-action mechanisms; Commentary on Hurley, S.: The shared circuits model: How control, mirroring, and simulation can enable imitation, deliberation, and mindreading. *Behavioral and Brain Sciences*, 31, 36-37.
- Preston, S. D. (2007). A perception-action model for empathy. In T.F.D. Farrow & P. Woodruff (Eds.), *Empathy in mental illness* (pp. 428-447). Cambridge, MA: Cambridge University Press.
- Preston, S. D. (2006). Averting the tragedy of the commons: An ecological and psychological perspective. *Shift: At the Frontiers of Consciousness*, 13, 24-28.
- Preston, S. D. (2004). Empathy. In Marc Bekoff (Ed.), *Encyclopedia of animal behavior*. Hartford, CT: Greenwood Publishing Group.
- Preston, S. D., & de Waal, F. B. M. (2002). The communication of emotions and the possibility of empathy in animals. In S. Post, L. G. Underwood, J. P. Schloss, & W. B. Hurlburt (Eds.), *Altruistic love: Science, philosophy, and religion in dialogue* (pp. 284-308). London: Oxford University Press.
- Preston, S. D. (2001). *Effects of stress on decision making in the Merriam's kangaroo rat (Dipodomys Merriami)* (Unpublished doctoral dissertation). University of California at Berkeley.

Preston, S. D. (2002). Review of *Breakdown of Will* by George Ainslie. *Human Nature Review*. 2, 183- 186.

Preston, S. D. (1998). *Conspecific pilferage in Merriam's kangaroo rat*. (Unpublished master's thesis). University of California, Berkeley.

## Prepublication

Dyke, E., Noble, R, Hsu, R., Preston, S. D. (in submission). Empathy for the partner eliminates the endowment effect. *Emotion*.

Preston, S. D., Vickers, B. D., Liu, T., Abelson, J. A., Deldin, P. J. (under resubmission). Psychopathology impacts preferences for goods. *Journal of Consumer Marketing*.

Preston, S. D., Liu, T., & Danienta, N. R., Szczesniak, A. (invited resubmission). Neoteny: The adaptive attraction toward “cuteness” across ages and domains. *Psychological Bulletin*.

Preston, S. D., Vickers, B. D., Cayas-Romero, R., Seifert, C. M., (under resubmission), Leveraging differences in how liberals versus conservatives think about the earth improves pro- environmental responses. *Journal of Environmental Psychology*.

Preston, S. D., Vickers, B. D. (under resubmission). Uncertainty promotes the accumulation of goods.

Preston, S. D., Smith, P., & Gelman, S. (under resubmission). Fun to a point: The positive and negative effects of children's toys in the household.

## Invited Talks

*The Altruistic Urge: Using Brain Evolution to Predict and Improve Human Helping* (July, 2023).

Invited speaker for the 2023 UM Alumni Camp Michigania, Boyne City, MI.

*Where's the Toilet Paper?! How we Evolved to Respond to a Pandemic Shortage* (July, 2023). Invited speaker for the 2023 UM Alumni Camp Michigania, Boyne City, MI.

*Altruism: How we Evolved the Drive to Care and Help* (June, 2023). Invited speaker for Diag Days, Ann Arbor Michigan.

*The Altruistic Urge: Using Brain Evolution to Predict and Improve Human Helping* (May, 2023).

Keynote speaker at the 2023 Paul M. Fitts Awards Banquet & Lecture, Ann Arbor, MI.

*The Altruistic Urge: Using Brain Evolution to Predict and Improve Human Helping* (September, 2022).

Invited speaker, Ann Arbor District Library (Exploring the Mind Series), Ann Arbor, MI.

*The Altruistic Urge* (June, 2022). Invited speaker, Harvard Book Store podcast series. Cambridge, MA.

*The Altruistic Urge: Why We're Driven to Help Others* (May, 2022). Invited speaker, Columbia University Alumni Association, Washington DC.

*Understanding Our Natural Capacity for Empathy and Altruism* (December, 2021). Invited speaker, Ann Arbor City Club, Ann Arbor, MI.

- Toxic Positivity: What Happens When Our Need to Feel Good Goes Bad* (September, 2021). Invited speaker, Menlo Park, CA Library Series.
- Ecological Neuroscience* (March, 2019). Inaugural Neisser Lecture invited speaker, Cornell University, Ithaca, NY.
- Decision Neuroscience from an Ecological Perspective* (June, 2018). Invited speaker at the Interdisciplinary Symposium on Decision Neuroscience, University of Michigan.
- Using the Science of Empathy and Altruism to Promote Charitable Giving* (May, 2018). Invited speaker at the St. Jude Children's Research Hospital, Memphis, TN.
- Bystander Apathy: What Causes It and How Can We Avoid It?* (October, 2017). Invited talk at The Hero Roundtable, Brighton, MI.
- Empathy: Resolving Conceptual Issues Through a Cognitive and Neural Approach* (October, 2017). Invited talk at the first workshop of the German scientific "Understanding Others" network in Jena, Germany.
- Using Comparative Neuroethology to Understand the Influence of Affect on Behavior* (May, 2017). Animal Models Expert Meeting at the National Academy of Sciences, Engineering, and Medicine cosponsored by the National Institute of Aging (NIA), Washington DC.
- Empathy* (February, 2016). Presentation at the iThrive Corporate Retreat, Chicago, Ill.
- The Altruistic Urge: The Evolution, Psychology, and Neuroscience of Prosocial Behavior* (April, 2016). Psychology Colloquium, University of Pittsburgh, PA.
- A Cognitive Science Perspective on Emotion* (April, 2016). Cross-Disciplinary Symposium on Emotion, University of Pittsburgh, PA.
- The Ultimate and Proximate Bases of Prosocial Behavior* (September, 2015). Invited talk at the Inaugural Symposium for the Center for Affective and Social Neuroscience, Linköping, Sweden.
- How Our Brains Evolved for Heroism* (September, 2015). Invited talk at The Hero Roundtable, Brighton, MI.
- The Psychology of Acquisitiveness* (June, 2015). Invited talk at The Psychology of Wellbeing and its Ecological Implications meeting, Pomona, CA.
- Rethinking Human Behavior: Evolutionary Neuroscience and the Interface between Emotion and Decision Making (June, 2015). Invited talk at the Amplify Festival, Sydney Australia.
- The Paradox of Plenty: How Adaptive Mechanisms Go Awry in a World Full of Stuff* (May, 2015). Invited Symposium Talk at the Association for Psychological Science meeting, New York, NY.
- The Psychology and Neuroscience of Acquisitiveness* (November, 2014). The Erb Institute Colloquium, University of Michigan, Ann Arbor, MI.
- A "Good Natured" Biological and Historical Evolution of Empathy* (September, 2014). A Festschrift Symposium honoring Prof. Frans B. M. de Waal, Emory, GA.

- The Origins of Altruism in Offspring Care* (February, 2014). Moral Attitudes and Decisions Group, Duke University, Durham, NC.
- The Altruistic Urge: The Evolution, Psychology, and Neuroscience of Prosocial Behavior (February, 2014). Social Psychology Colloquium, UNC Chapel Hill, NC.
- Heroic Altruism: Its Evolutionary, Psychological, and Neural Bases (November, 2013). The Hero Roundtable Conference, Flint, MI.
- Ecological Neuroscience* (September, 2018). Keynote Speaker at the Annual Neuroscience Graduate Program Retreat, University of Michigan.
- Invited Panelist for *The Social Science Perspective on Heroes with Phil Zimbardo* (November, 2013). The Hero Roundtable Conference, Flint, MI.
- The Psychology and Neuroscience of Acquisitiveness* (November 2013). Graham Institute Post-Doctoral Fellows Dinner.
- When Feeling and Doing Diverge: Neural and Physiological Correlates of the Empathy-Altruism Divide (June, 2013). Positive Neuroscience meeting, Wilmington, DE.
- Neuroscience and Positive Psychology: Opportunities, Challenges, and Opportunities* (June 2013). Third World Congress on Positive Psychology; panel with Julian Thayer and Martin Seligman.
- The Psychology of Consumption* (March, 2013). University of Michigan Retirees Association, Ann Arbor, MI.
- An Interdisciplinary Approach to Neuroscience and Emotion* (August, 2013). Invited Panelist for the International Society for Research on Emotion meeting, Berkeley CA.
- The Ultimate and Proximate Bases of Empathy and Altruism* (November, 2012). Plenary lecture at the Swiss Laboratory Animal Science Association (SGV) 2012 meeting, Technopark, Zürich Switzerland.
- The Neural and Affective Roots of Consumption* (October, 2012). Sustainable Consumption Colloquium, University of Wyoming.
- The Neural and Psychological Bases of Consumption (October, 2012). Michigan State University.
- When Feeling and Doing Diverge: Neural and Physiological Correlates of the Empathy-Altruism Divide* (August, 2011). Templeton Foundation Meeting on Positive Neuroscience at the University of Pennsylvania.
- An Interdisciplinary Approach to Empathy and Altruism* (May, 2012). Distinguished Speakers in Behavioral and Brain Sciences Series at Cornell University.
- The Neurophysiology of Emotion: A Dynamic Systems View* (February, 2011). Science and the Emotions: Transnational Emotional Cultures in the United States and Western Europe after 1945, University of California at San Diego.
- The Ultimate and Proximate Bases of Prosocial Behavior* (June, 2010). John Merck Fund Summer Institute on the Biology of Developmental Disabilities, Cornell University.

- When Feeling and Doing Diverge, Neural and Physiological Correlates of the Empathy-Altruism Divide* (June, 2010). Presentation for the Positive Neuroscience Project, Templeton Foundation, Pennsylvania, PA. Co-authored with Tony W. Buchanan.
- Differentiating Emotion Recognition, Mimicry, and True Empathic Understanding from a Neural, Information-Processing Perspective (February, 2010). Muskegon Community College.
- Boon or Buzzword? The Realities of Interdisciplinary Research (February, 2010). Eastern Michigan University.
- Differentiating Emotion Recognition, Mimicry, and True Empathic Understanding from a Neural, Information-Processing Perspective* (January, 2010). Society for Personality and Social Psychology, Preconference on Emotion, Las Vegas, Nevada. Co-authored: Preston, S. D., Hofelich, A. J. & Stansfield, R. B.
- The Neural Mechanisms of Empathy: Distributed, Task-Specific, and Highly Dependent on the Participant's "Point of View"* (April, 2009). Hanse-Wissenschaftskolleg – Institute for Advanced Study, Trans- Cultural Universals IV: EMPATHY, Delmenhorst, Germany.
- Morality from an Interdisciplinary Perspective* (June, 2009). National Science Foundation (NSF) – Sociology Division, Workshop on Morality, Arlington, VA.
- New Directions in the Field of Emotion and Decision Making* (April, 2007). American Education and Research Association; Division C Session, New Directions in the Field of Learning and Instruction, Chicago, Ill.
- The Neuroscience of Reason and Emotion* (April, 2006). American Education and Research Association; Division C Session, Research Findings in the Neuroscience of Decision Making, San Francisco, CA.
- Breaking Down Boxes: The Effects of Cognition, Emotion, and Personality on How People Decide What to Do with Stuff (February, 2006). Department of Psychology, Michigan State University.
- The Psychophysiological and Neural Correlates of Empathy* (November, 2003). Department of Psychology, The University of Kansas.
- The Biological Bases of Empathy* (October, 2003). The Promise of Empathy: An Interdisciplinary Conference, The Project On Rhetoric Of Inquiry, University of Iowa.
- The Primacy of Emotion in Intersubjectivity* (September, 2003). Other Minds: An Interdisciplinary Conference, Institute of Cognitive and Decision Sciences, University of Oregon.
- Empathy for Mother Earth: From the Brain to Bipartisan Politics* (July, 2003). 50th Annual Star Island Conference: Ecomorality, The Institute on Religion in an Age of Science.
- Empathy: Proximate and Ultimate Mechanisms* (May, 2001). Division of Child and Adolescent Psychiatry, Department of Psychiatry and Behavioral Sciences, Stanford University.
- Stress as a Proximate Mechanism of Food-storing Behavior in Kangaroo Rats* (May, 2001). Center for Behavioral Neuroscience, Georgia State University.

*Empathy: Proximate and Ultimate Mechanisms* (April, 2001). Neurology Clinic Colloquium, Department of Neurology, University of Iowa Hospitals and Clinics.

*Comparative Empathy: Proximate and Ultimate Mechanisms* (April, 2001). International Conference of Social Cognitive Neuroscience, University of California, Los Angeles.

*Proximate and Ultimate Mechanisms in Psychology* (March, 2001). The Neurosciences Institute, San Diego, CA.

*Empathy: Proximate and Ultimate Mechanisms* (February, 2001). Animal Behaviour Seminar Series, Integrative Biology Department, University of California, Berkeley.

*Proximate Mechanisms of Food Storage in Merriam's Kangaroo Rat* (January, 2001). Environmental Endocrinology Group, Department of Zoology, University of Washington.

*The Proximate and Ultimate Bases of Empathy* (February, 2000). UCSF Memory and Aging Consortium, University of California, San Francisco.

*Social Cognition in Food-Storing Animals* (September, 1998). Behavioral Neuroscience Colloquium, Department of Psychology, University of California, Berkeley.

## Conference Presentations

Preston, S. D. (2023). *How brain evolution undermines sustainability and what to do about it*. Talk presented at the Organization for Human Brain Mapping (OHBM) Annual Meeting, Montreal, Canada.

Preston, S. D. (2023). *Environmental Impassivity: Blunted Emotionality Undermines Concern for the Environment*. Talk presented at the Society for Personality and Social Psychology Preconference on Sustainability. Online meeting.

Preston, S. D. (2022—**invited session organizer**). *Homologous Neural and Hormonal Systems for Offspring and Human Altruism*. Talk and session presented at the Cognitive Neuroscience Society meeting, San Francisco, CA.

Preston, S. D., Seifert, C. M., Liao, J. D., Romero-Canyas, R. (2019—**session organizer**). *Beauty in the Eye of the Activist: Narratives about Monarch butterflies affect environmental engagement*. Talk presented at the Association for Psychological Science Convention, Washington DC.

<sup>PI</sup>Preston, S. D., Liao, J. D., Seifert, C. M., Romero-Canyas, R. (2019). *Beauty in the Eye of the Activist: Narratives about Monarch Butterflies Affect Environmental Engagement*. Talk presented at the MUSE Conference, University of Michigan, Ann Arbor, MI.

Preston, S. D., Seidler, R., Vickers, B. D., Liao, J. D., Liu, T. (2018—**session organizer**). *The Drive to Save Valued Personal Items is Embodied and Differs by Hoarding Status*. Talk presented at the Association for Psychological Science Convention, San Francisco, CA.

Preston, S. D., Seifert, C. M., Vickers, B. D., & Liao, J. D. (2017) *Individual Earth Concepts Vary and Influence Proenvironmental Giving* (May, 2017). Presentation at the Environmental Defense Fund (EDF) meeting hosted by the Graham Sustainability Institute, University of Michigan, Ann Arbor, MI.

- Preston, S. D. (2017—**session organizer**). *Motor System Engagement in Charitable Giving: The Offspring Care Effect*. Talk presented at the Association for Psychological Science Convention, Boston, MA.
- Preston, S. D., Seifert, C. M., & Vickers, B. D. (2016). *Predicting Proenvironmentalism from Individual Differences in Earth Concepts*. Talk presented at the Decision Consortium May Conference, University of Michigan, Ann Arbor, MI.
- Preston, S. D. (2015). *The Altruistic Urge: Neural, Psychological, and Evolutionary Roots of Human Aid in Social and Parental Processes*. Talk at the International Conference for Psychological Science meeting, Amsterdam, Netherlands.
- Preston, S. D. (2015). *Embodiment as a Perception-action Phenomenon Embedded in Neural Representations*. Talk at the Association for Psychological Science Convention, New York, NY.
- Preston, S. D. (2013—**session organizer**). *The Physiology of Altruism*. Talk at the Association for Psychological Science Convention, Washington, DC.
- Preston, S. D. (2011—**session organizer**). *One Man's Trash is Another Man's Treasure: The Role of Distributed Neural Systems in Human Material Acquisitiveness*. Talk presented at the Cognitive Neurosciences Society meeting, San Francisco, CA.
- Preston, S. D. (2010). The Drive to Consume is Social and Emotional but Decisions to Consume Need Not Be: Convergent Lessons from Neuroimaging and Behavior. Talk at the Social Affective Neuroscience Meeting, Chicago, IL.
- Preston, S. D. (2010). *The Comparative Neurobiology of Decisions about Resources*, Talk presented at the Association for Psychological Science Convention, Boston, MA.
- Preston, S. D. (2010—**conference organizer**). *The Proximate Mechanisms of Resource Hoarding: From Squirrels to Shoppers*. Talk at the Interdisciplinary Science of Consumption Meeting, Ann Arbor, MI.
- Preston, S. D. (2009). *The Proximate Mechanisms of Hoarding*. Talk at the XXXI International Ethological Conference, Rennes, France.
- Preston, S. D., Hofelich, A. J., & Stansfield, R. B. (2009). *Empathic Concern and Personal Distress: What More Do You Need to Know?* Talk presented at the Society for Personality and Social Psychology Convention, Tampa, FL.
- Preston, S. D. (2009—**session organizer**). *Why Do I Even Have That? Interdisciplinary Perspectives on the Relationship Between People and their Stuff*. Talk presented at the Society for Personality and Social Psychology Convention, Tampa, FL.
- Preston, S. D. (2008). "I Totally Know What You Mean:" Similar Past Experience Mediates the Behavioral, Psychophysiological and Neural Processes of Empathy and Helping. Talk at the Social & Affective Neuroscience Conference, Boston, MA.
- Preston, S. D. (2007). The Neural Mechanisms of Empathy: Distributed, Task-specific, and Highly Dependent on the Participant's Point of View. Talk at the Society of Experimental Social Psychology Conference, Chicago, IL.



- Preston, S. D. (2007). *Mechanisms of Prosocial Behavior from an Interdisciplinary Perspective*. Talk at the Society for Personality and Social Psychology Convention, Memphis, TN.
- Preston, S. D. (2006). *How Do People Decide to Help? Basic Mechanisms and Individual Differences*. Talk at the May Conference for the Decision Consortium, University of Michigan.
- Preston, S. D., & Jacobs, L. F. (1998). *Social Selection and Caching in the Kangaroo Rat*. Talk at the annual meeting of the International Society for Behavioral Ecology, Monterey, CA.

## Co-Authored Conference Presentations

- Nichols, T. & Preston, S. D. (2023). *Empathy, Altruism, and Wellbeing*. Talk presented at the International Association for Research in Economic Psychology (IAREP)/Society for the Advancement of Behavioral Economics (SABE) Conference, Nice, France.
- Nichols, T. & Preston, S. D. (2023). *Earned Interest: Behavior Surrounding Wealth Disparities in a Public Goods Game*. Poster presented at the American Psychological Science Convention, Washington DC.
- Szczesniak, A. L., Vickers, B. D., Preston, S. D. (2021). *Consuming Away the Fear: People Acquire More and Prefer More Functional Goods During COVID-19*. Poster presented at the American Psychological Science Convention, Online.
- Garton, C., Preston, S. D. (2021). *Intellectual Humility and Moralization of Political Issues Predict Perceptions of Opponents' Characters*. Poster presented at the American Psychological Science Convention, Online.
- Garton, C.M., Wang, L., Bly, B., Preston, S.D. (2020). *Ann versus Awe: Predicting Environmental Donations from the Altruistic Response Model*. Poster accepted to the American Psychological Association Convention, Washington, D.C. (COVID cancelled).
- Liao, J. D., Preston, S. D., Gelman, S. (2018—**session organizer**). *This Land Is My Land: Psychological and Legal Ownership for the Natural World*. Talk presented by Liao at the Association for Psychological Science Convention, San Francisco, CA.
- Liu, T., Ackerman, J. M., & Preston, S. D. (2017). *Cleanliness or Clutter: How Emotions and Their Targets of Concern Predict Diverging Responses*. Poster presented at The Emotion Preconference at the Society for Personality and Social Psychology Convention, San Antonio, TX.
- Liao, J. D., Vickers, B. D., Seifert, C. M., & Preston, S. D. (2017). *Individual Earth Concepts Vary and Influence Pro-environmental Giving*. Liao talk presented at the MUSE Conference, University of Michigan, Ann Arbor, MI.
- Liao, J. D., Vickers, B. D., Seifert, C. M., & Preston, S. D. (2017). *Thinking About the Earth: Predicting Proenvironmentalism from Individual Differences in Earth Concepts*. Poster presented at the Sustainability Pre-Conference at the Society for Personality and Social Psychology Convention, San Antonio, TX.

- Liu, T., Ackerman, J. M., & Preston, S. D. (2017). *Washing and Hoarding: How Emotions and Their Targets of Concern Predict Diverging Responses*. Liu developmental talk at Cognition and Cognitive Neuroscience area forum, Ann Arbor, MI, USA
- Vickers, B. D., Preston, S. D., & Seifert, C. M. (2016—**session organizers**). *Effects of Varying Earth Concepts on Proenvironmentalism*. Talk presented at the Association for Psychological Science Convention, Chicago, Ill.
- Liu, T., Vickers, B. D., Seidler R. D., & Preston, S. D. (2016). *Don't Throw That Away! People Work to Save Valued Items From Being Discarded*. Poster presented at the Association for Psychological Science Convention, Chicago, IL.
- Vickers, B. D., & Preston, S. D. (2015—**session organizers**). *Neural Correlates of Charitable Giving Depend on the Decision Phase and Framing*. Talk at the Association for Psychological Science Convention, New York, NY.
- Porter, D. J., & Preston S. D. (2015—**session organizer**). *Don't Trouble Yourself: The Prosociality of Help Rejection*. Porter talk at the Association for Psychological Science meeting, New York, NY.
- Porter, D. J., & Preston, S. D. (2014). *Don't Trouble Yourself: Help Refusal can be an Altruistic Act*. Poster presented at the Society for Personality and Social Psychology Convention, Austin, TX.
- Hsing, C., Mohr, A.H., Stansfield, R. B., & Preston, S. D. (2014). *Alexithymia Slows Performance but Preserves Spontaneous Semantic Decoding of Negative Expressions in the Emotroop Task*. Poster presented at the Emotion Pre- conference, Society for Personality and Social Psychology Convention, Austin, TX.
- Cannon, C. R. & Preston, S. D. (2013). *Conspicuous Consumption and Sexual Orientation: Are Homosexuals "Experts"?* Poster presented at the International Society for Human Evolution Summer Institute, Ann Arbor, MI.
- Carpenter, S. M., Yates, J. F., Preston, S. D., & Chen, L. (2013). *Shifting Value in the Face of Discomfort: The Role of Emotion Regulation in Pre-decisional Coherence Shifting*. Competitive paper at the International Society for Research on Emotion Biennial Conference, Berkeley, CA.
- Porter, D. J., & Preston, S. D. (2013). *Helping You by not Helping Me: Altruistic Motivations for Refusing Help*. Poster presented at the Society for Personality and Social Psychology Convention, New Orleans, LA.
- Stansfield, R. B., Rubin, L., & Preston, S. D. (2013). *What Is Health? Individual Differences in the Perception of Health Behaviors*. Poster presented at the University of Michigan Medical Education Day.
- Hofelich, A. J. & Preston, S. D. (2012—**session organizer**). *Empathy and Altruism through the Eyes of the Observer: Implicit Emotion Associations and Depression History Predict Differences in the Response to Need*. Hofelich talk presented at the Society for Personality and Social Psychology Convention, San Diego, CA.

- Festini, S. B., Preston, S. D., Reuter-Lorenz, P. A., & Seidler, R. D. (2012). *Emotion is Dissociable from Error During Motor Learning*. Poster presented at the Society for Neuroscience meeting in New Orleans, LA.
- Carpenter, S. M., Yates, J. F., Preston, S. D., & Chen, L. (2012). *Shifting Away From Discomfort: Managing Decision Difficulty through Emotion Regulation*. Carpenter talk presented at the Association for Consumer Research, Vancouver, BC.
- Buchanan, T.W., White, C.N., Kralemann, M., & Preston, S.D. (2012). *The Contagion of Physiological Stress: Causes and Consequences*. Buchanan talk at the Annual Meeting of the International Society for Psychoneuroendocrinology.
- Vickers, B.D., Gonzalez, R., Angott, A.M., & Preston, S.D. (2012). *Show Me the Money, or Show Me the Yummy? Population and Domain Interactions in Temporal Discounting*. Poster presented at the Judgment and Decision Making Preconference at the Society for Personality and Social Psychology Convention, San Diego, CA.
- Preston, S. D. & Vickers, B. R. (2011). *Motor-motivational Effects on Altruism*. Poster presented at the Society for Neuroscience meeting in Washington, D. C.
- Carpenter, S. M., Yates, J. F., Preston, S. D., & Chen, L. (2011). *Shifting Away from Discomfort: Managing Decision Difficulty through Coherence Shifting*. Carpenter presentation at the Society for Judgment and Decision Making meeting, Seattle, WA.
- Carpenter, S. M., Yates, J. F., Preston, S. D., & Chen, L. (2011). *Shifting Away from Discomfort: Managing Difficult Decisions through Reconstruals*. Poster presented at the Association for Consumer Research, St. Louis, MO.
- Carpenter, S. M., Yates, J. F., Preston, S. D., & Chen, L. (2011). *Letting Go of Discomfort: Managing Decision Difficulty through Pre-decisional Shifting*. Carpenter talk at the Subjective Probability, Utility, and Decision Making meeting for the European Association of Decision Making, London, UK.
- Hofelich, A. J. & Preston, S. D. & (2011). *The Role of Distributed Representations in Trait and Situational Empathy*. Hofelich talk presented at the Virtuous Empathy: Scientific and Humanistic Investigations meeting, Indiana University, Bloomington, IN.
- Blaskowski, L. J., Arslanian, K. J., Chester, D. S., Vickers, B. D., & Preston, S. D. (2011). *Coping via Consumption: The Effects of Social Exclusion on Object Decision-making*. Poster presented at the Chicago Area Undergraduate Research Symposium (CAURS), Chicago, IL.
- Carpenter, S. M., Yates, J. F., Preston, S. D., & Chen, L. (2011). *Discomfort over Difficult Decisions and Pre-decisional Coherence Shifting*. Carpenter talk at the Society for Consumer Psychology Conference, Atlanta, GA.
- Preston, S. D., Wang, J. M., Seidler, R. A. & Hall, J. L. (2010). *Want v should: Neural and Behavioral Effects of Affect and Cognition on Decisions about Material Goods*. Poster presented at the Society for Neuroscience Annual Meeting, San Diego, CA.
- Hofelich, A. J. & Preston, S.D. (2010). *Need is in the Eye of the Observer: Responses to Targets of Need depend on Observer-specific Associations between Gender and*

- Affect. Poster presented at annual meeting of Social and Affective Neuroscience, Chicago, IL.
- Vickers, B. D. & Preston, S. D. (2010). *I Want it Now: The Effects of Emotion and Time Horizon on the Quantity and Quality of Consumption Decisions*. Poster presented at annual meeting of Social and Affective Neuroscience, Chicago, IL.
- Wang, J. M., Seidler, R. A., Hall, J. L. & Preston, S. D. (2010). *An Addiction to Stuff?* Poster presented at the Society for Neuroeconomics: Decision Making and the Brain, Evanston, IL.
- Martinez, J. H., Timpano, Kiara R., Preston, S. D., Muroff, J., & Schmidt, N. B. (2010). *General Stressors and Compulsive Hoarding: The Role of Social Anxiety Symptoms*. Poster presented at the Anxiety Disorders Association of America, Baltimore, MD.
- Buchanan, T. W., Bagley, S., & Preston, S. D. (2010). *Trait Empathic Concern Predicts Sympathetic Nervous System Response to Another Person's Stress*. Poster presentation at the American Psychosomatic Society Annual Meeting, Portland, OR.
- Hofelich, A. J., & Preston, S. D. (2009). *How Do You Know What I Feel? Distinguishing Between Emotional Resonance, Attention, and Empathic Understanding*. Poster presented at the Society for Neuroscience Annual Meeting, Chicago, IL.
- Bagley, S., Preston, S. D., & Buchanan, T. W. (2009). *You're Stressing Me Out!: Males Show Sympathetic Nervous System Response to Female Stress*. Poster presented at the Association for Psychological Science Convention, San Francisco, CA.
- Hofelich, A. J., & Preston, S. D. (2009). That's one angry eyebrow: Semantic processing of emotional facial expressions in empathy. *Journal of Cognitive Neuroscience, April Supplement*.
- Newman, L. I., Polk, T. A., & Preston, S. D. (2008). *Revealing Individual Differences in the Iowa Gambling Task*. Cognitive Science Society Conference, Washington, D.C.
- Hofelich, A. J., & Preston, S. D. (2008). *Familiarity Breeds Helping: Physiological Correlates of Empathy and Altruism*. Poster presented at the Social & Affective Neuroscience Conference, Boston, MA.
- Wang, J. M., Hall, J. L., & Preston, S. D. (2008). Neuroanatomy of decision making about everyday objects. *Journal of Cognitive Neuroscience, April Supplement*.
- Hall, J. L., Berman, M. G., Magnotta, V. A., Damasio, H., Polk, T. A., D., & Preston, S. D. (2008). Behavioral and neural correlates of empathy in depression. *Journal of Cognitive Neuroscience, April Supplement*.
- Preston, S. D., & Chiang, S. (2007). *But It's Still Good! Effects of Personality and Psychopathology on Decisions to Acquire and Retain Objects*. Poster presented at the Society for Judgement and Decision Making Conference, Long Beach, CA.
- Preston, S. D., & Stansfield, R. B. (2007). The Emostroop Effect: Task-irrelevant Facial Emotions are Processed Spontaneously, Rapidly and at the Level of the Specific Emotion. Poster presented at the Neural Systems of Social Behavior Conference, Austin, TX.

- Preston, S. D., & Stansfield, R. B. (2006). Automatic processing of emotion in facial expressions: A true emotional Stroop effect. *Journal of Cognitive Neuroscience, April Supplement*.
- Neo, W. S., Grabowski, T. J., Magnotta, V. A., Damasio, A. R., Damasio, H., Polk, T. A., Stansfield, R. B., Preston, S. D. (2006). The neural correlates of empathy and helping: Responses to patient accounts of serious illness. *Journal of Cognitive Neuroscience, April Supplement*.
- Preston, S. D., Bechara, A., Damasio, H., & Damasio, A. R. (2003). The substrates of empathy: Behavioral and psychophysiological responses to emotional social interactions. *Journal of Cognitive Neuroscience, April Supplement*.
- Preston, S. D., Buchanan, T. W., & Bechara, A. (2003). The dark side of stress in decision-making: Effects of a public speaking stressor on the Iowa Gambling Task. *Neuroscience 2003, the Society for Neuroscience 33rd Annual Meeting*.
- Preston, S. D., Bechara, A., Grabowski, T. J., Damasio, H., & Damasio A. R. (2002). Functional anatomy of emotional imagery: Positron Emission Tomography of personal and hypothetical experiences. *Journal of Cognitive Neuroscience, April Supplement*: 126.
- Preston, S. D., Wynne-Edwards, K. E., Raber, J., & Jacobs, L. F. (2002). Glucocorticoid systems in Merriam's kangaroo rats (*Dipodomys merriami*). *Hormones and Behavior, Society for Behavioral Neuroendocrinology Annual Meeting Abstracts*, 41(4): 485.
- Preston, S. D., Raber, J., & Jacobs, L. F. (2001). A stress-based mechanism for food-storing decisions in Merriam's kangaroo rats. *Hormones and Behavior; Society for Behavioral Neuroendocrinology Annual Meeting Abstracts*, 39(4), 345.
- Preston, S. D., & Jacobs, L. F. (1998). *Experimental Analysis of the Cache Decision in Fox Squirrels*. Poster presented at the Foraging Conference, University of California at Santa Cruz.
- Preston, S. D., Aureli, F., & de Waal, F. B. M. (1996). *Heart Rate Telemetry in Freely-Moving Rhesus Macaques*. Poster presented at the International Primatological Society/American Society of Primatologists Joint Congress, University of Wisconsin.
- Preston, S. D., & Foley, T. (1994). *Inhibition by Ouabain in the Na<sup>+</sup>/K<sup>+</sup> pump*. Poster presented at the NIH Summer Research Fellows Program, Bethesda, MD.
- Preston, S.D., & Insel, T. R. (1993). *Mating in the Monogamous Vole*. Poster presented at the NIH Summer Research Fellows Program, Bethesda, MD.

## Professional Memberships

2009- Member and Fellow, Association for Psychological Science

2019- Member, American Psychological Association

## Local Service

2023-2025: UM Faculty Ombuds

2023: UM Climate Education Leader

2023: Graduate Student Orientation Writing Workshop, UM Department of Psychology

2023-2024: Faculty Organizer, Cognition and Cognitive Neuroscience Forum, UM  
Department of Psychology

2022-2023: Member, UM MCity Social Science Research Initiative Committee

2022: Member, Promotion Review Committee, UM Department of Psychology

2022-2024: Member, Annual Review Committee, UM Department of Psychology

2021-2022: Member, UM President and Provost COVID-19 Faculty Council

2021-present: Member, UM Standing Judicial Committee

2021-2022: Member, Student Academic Affairs (SAA) Committee, UM Department of  
Psychology

2020-2021: Member, UM Office of Research Evaluation Committee

2019-2021: Faculty Ombuds, UM College of Literature, Science, and the Arts

2020-2021: Chair, UM Communications Advisory Committee

2019-2022: Member, UM Communications Advisory Committee

2018-2021: Member, Faculty Recognition Award Committee, University of Michigan

2021: Chair, CCN Recruitment Committee, Department of Psychology

2019-2021: Member, CCN Recruitment Committee, Department of Psychology

2019: Member, Promotion Review Committee, Department of Psychology

2019: Member, Lecturer Review Committee, Department of Psychology

2019: Member, Review Committee, School of Environment and Sustainability

2018: Member, Search Committee, School of Environment and Sustainability

2018: Member, Continuing Renewal Review (CRR) Committee

2018-2019: Member Augmented Executive Committee, Department of Psychology

2017-present: Faculty Advisor, Office of Sustainability

2017-present: Committee member and Presenter, Graduate Student *Summer Writing  
Productivity Workshop*

2017-present: Reviewer, Dow Fellows Program Applications, Graham Sustainability Institute

2016-2018: Advisory Board, University of Michigan Planet Blue Ambassador Program

2014-present: Member, Executive Committee, Graham Sustainability Institute

2015-2017: Member, University Waste Bin Standardization Committee

2015-2018: Chair, Recruitment Committee, Cognition and Cognitive Neuroscience Area

2015-2019: Consultant, University of Michigan Hospitals and Clinics, HR Department

2016-2017: Chair, Conference Organizing Committee, *Jaffe Symposium on Scarcity and Security*

2015-2016: Member, Provost's Committee: New School for Environment & Sustainability

2014-2016: Member, Executive Committee, Department of Psychology  
 2014: Diversity Recruiter, Department of Psychology  
 2015: Co-Chair, President Schlissel's Committee for the Culture of Sustainability  
 2013-2017: Distinguished Faculty Fellow, Graham Sustainability Institute  
 2013-present: Member, Steering Committee, Evolution and Human Adaptation Program (EHAP)  
 2013: Member, Recruitment Committee, Cognition and Cognitive Neuroscience Area  
 2013: Chair, Social Committee for Cognition and Cognitive Neuroscience Area  
 2011-2012: Co-organizer, Talk Series, Evolution and Human Adaptation Program (EHAP)  
 2010-2015: Faculty Advisor, Psychology and Biopsychology and Cognitive Neuroscience Majors  
 2010-2011: Member, Recruitment Committee, Cognition and Cognitive Neuroscience Area  
 May  
 2010: Attendee, Provost's Seminar on Teaching: Sustainability  
 2010: Member, Cluster Faculty Hiring Committee on Behavior and Sustainability  
 2010-2015: Member, Ad Hoc Committee, Integrating Sustainability across the Curriculum  
 2010-2019: Member, University 2030 Consortium  
 2009-2010: Member, Human Subject Pool Committee, Department of Psychology  
 2009-2012: Member, Committee for Energy Strategic Planning, Center for Advancing Research and Solutions for Society (CARSS)  
 2008-2009: Member, Admissions Committee, Cognition and Cognitive Neuroscience Area  
 2007-2008: Member, Executive Committee, Department of Psychology  
 2009: Member, Augmented Executive Committee, Department of Psychology  
 2007-2019: Chair, Social Committee, Cognition and Cognitive Neuroscience Area  
 2006-2007: Member, Admissions Committee, Cognition and Cognitive Neuroscience Area  
 2006: Member, Augmented Executive Committee, Department of Psychology  
 2006-2019: Co-Director, Decision Consortium

## **National Service**

**Current Editorial Boards:** Behavioral and Brain Sciences, Adaptive Human Behavior and Physiology, Heroism Science

**Review Editor:** Frontiers in Human Neuroscience

**Grant Reviewer:** National Science Foundation, National Science Foundation Merit Fellowship Program; Templeton Foundation; University of Michigan Office of Research

**Advisory Board Member:** Center for Evolutionary Psychological Science

Conference Organizer:



SciFusion Interdisciplinary Arts and Sciences Meeting, November, 2023, Ann Arbor, MI

The Jaffe Symposium on Security and Scarcity, October, 2017, Ann Arbor, MI.

The Interdisciplinary Science of Consumption, April 2015, Ann Arbor, MI.

The Interdisciplinary Science of Consumption, Spring, 2012, Ann Arbor, MI.

The Interdisciplinary Science of Consumption, May 2010, Ann Arbor, MI.

Invited Workshop Participant:

National Academy of Sciences and National Institute of Aging (NIA) *Experts Meeting on Animal Models*, May 2017, Washington, DC.

National Cancer Institute (NCI) on *Emotion and Decision Science in Palliative Care*, May 2015, Washington, DC.

Symposium Organizer:

2022 Cognitive Neuroscience Society Convention, San Francisco, CA. *Empathy, Social Contact, and their Neuromodulation*.

2019 Association for Psychological Science Convention, Washington, DC. Applied Sustainability: Psychology-Based Interventions to Engage Diverse Groups.

2018 Association for Psychological Science Convention, San Francisco, CA. *Ownership and Endowment Across Levels of Analysis*.

2017 Association for Psychological Science Convention, Boston, MA. Complicating Prosociality: Evidence for Top-Down Processes in Children and Bottom-Up Processes in Adults.

2016 Association for Psychological Science Convention, Chicago, Ill. Sustainability Science: *Addressing Climate Change from the Human Side of the Equation*.

2013 Association for Psychological Science Convention, Washington, DC. *Emotional Altruism: The Giving-Feeling Link*.

2011 Cognitive Neurosciences Society Convention, San Francisco, CA, *The Integrative Neurobiology of Consumption*.

2009 Society for Personality and Social Psychology Convention, Tampa, FL, Why do I even have that?? – Interdisciplinary Perspectives on the Relationship Between People and their Stuff.

Symposium Co-Organizer:

2015 Association for Psychological Science meeting, New York, NY. Prosocial Behavior: Common and Unique Mechanisms Across Species and Types of Aid.

2013 Association for Psychological Science Convention, Washington, DC. *Emotional Altruism: The Giving-Feeling Link*.

2012 Society for Personality and Social Psychology Convention, San Diego, CA, Interpersonal Emotion Across Boundaries: Bridging Neural, Cultural, Clinical, and Personality Approaches.

Member: Hoarding Task Force of Washtenaw County, MI.

**Journal Reviewer:** Nature, Science, Psychological Science, Perspectives in Psychological Science, Current Biology, Journal of Experimental Psychology: Human Perception and Performance, Attention, Perception, & Psychophysics, Emotion Review, Journal of Cognitive Neuroscience, Annals of the New York Academy of Sciences, Behavioral Ecology, European Journal of Neuroscience, Journal of Clinical and Experimental Neuropsychology, Neurocase, Neuropsychologia, Psychological Review, Basic and Applied Social Psychology, Journal of Behavioral Decision Making, Philosophical Psychology, Psychological Medicine, Emotion, Cerebral Cortex, Journal of Experimental Psychology: Applied, Cognitive and Affective Behavioral Neuroscience, Cognition, Biological Psychology, Biological Psychiatry, Neuropsychologia, Journal of Comparative Psychology, Philosophical Transactions of the Royal Society – B, Journal of Social, Evolutionary, and Cultural Psychology, Evolutionary Psychology.

### **Other Community Engagement**

- 2024 Captain, USTA Women's Tennis Singles Team, Huron Valley Tennis Club
- 2019 Director, Ann Arbor Tennis Association 6<sup>th</sup> Grade AAPS Ralleyball Tournament
- 2017-2018 Commissioner, Ann Arbor City Transportation Commission
- 2016-present Founder and Member, A2 Safe Transport, an advocacy group for pedestrian safety for school children within the City of Ann Arbor and Ann Arbor Public Schools.
- 2015-2017 Tappan Middle School Debate Team Coach
- 2009-2016 Angell Elementary School Girls Soccer Coach
- 2017-2019 Tappan Middle School 6<sup>th</sup> Grade Tennis Coach
- 2012-2013 Angell Elementary School PTO President
- 2011-2019 Captain, USTA Women's Tennis Team (USTA 3.0 18+ and 40+, 3.5 18+ and 4.0 40+ for Rec&Ed; 3.5 18+ and 4.0 18+ for Racquet Club of Ann Arbor)