

## CURRICULUM VITAE

### STEPHANIE DELPHINE PRESTON

University of Michigan  
Department of Psychology  
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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

Summer 2012 – present: Associate Professor, Department of Psychology, University of Michigan, Cognition and Cognitive Neuroscience Area.  
2013-2014: Distinguished Faculty Fellow in Sustainability  
Summer 2012 – present: Associate Faculty Member of the University of Michigan Comprehensive Depression Center  
Fall 2005 – Summer 2012: Assistant Professor, Department of Psychology, University of Michigan, Cognition and Cognitive Neuroscience Area.

### Research Interests

Biological basis of empathy and altruism; Effects of emotion on consumption and resource allocation, including altruistic giving, hoarding, materialism, acquisitiveness, and proenvironmentalism.

### Honors and Awards

Institute for Women and Gender, Co-I with Michelle Segar, R. Brent Stansfield, Emily Faulk: *Toward Sustainable Health: Leveraging Gender Differences in Explicit and Implicit Motivators to Optimally Promote Physical Activity* (\$6450).  
Templeton Foundation, Positive Neuroscience Grant, Co-PI 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 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 and 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., Kringelbach, M. L., Knutson, B. (in press). *The Interdisciplinary Science of Consumption*. The MIT Press, Cambridge, MA.

Preston, S. D. (under contract). *The Altruistic Urge*. Princeton University Press.

## Peer-Reviewed Publications (student names underlined)

Buchanan, T. W. & Preston, S. D. (2014). Stress leads to prosocial action in immediate need situations. *Frontiers in Behavioral Neuroscience*, 8(5). 1-6. DOI: 10.3389/fnbeh.2014.00005.

Hauser, D. J., Preston, S. D., Stansfield, R. B. (2013, December 23). Altruism in the wild: When affiliative motives to help positive people overtake empathic motives to help the distressed. *Journal of Experimental Psychology: General*. Advance online publication. DOI: 10.1037/a0035464

Preston, S. D. (2013). Examining the origins of altruism in offspring care. *Psychological Bulletin*. 139(6), 1305-1341. DOI: 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 Emstroop 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. DOI: [10.3389/fnhum.2013.00488](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. DOI: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. DOI: 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. DOI: 10.1177/1754073911421397
- <sup>2</sup>Buchanan, T. W., Bagley, S. L., Stansfield, R. B., & Preston, S. D. (2011). The empathic, physiological resonance of stress. *Social Neuroscience*, 1-11. Available online July 20, doi: 10.1080/17470919.2011.588723.
- 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*. Epub April 14. doi: 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 Emstroop 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.

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<sup>1</sup> Authorship in neuroscientific convention, with PI listed last.

<sup>2</sup> Drs. Buchanan and Preston contributed equally to this work.

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., Kringelbach, M. L., & Knutson, B. (in press). 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. (in press). The psychology of acquisitiveness. In S. D. Preston, M. Kringelbach, and B. Knutson (Eds.), *The Interdisciplinary Science of Consumption*. Cambridge, MIT Press.
- Buchanan, T. W. & Preston, S. D. (in press). 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.
- 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*. Washington, DC: American Sociological Association, pp 120-127.
- 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*: Routledge Press, pp 247-256.
- 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*. New York, NY: Oxford University Press, pp 75-88.
- Preston, S. D. (2011). Towards an interdisciplinary science of consumption. *Annals of the New York Academy of Sciences*. Available online September 1. Vol 1236. 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 Jean Decety and John 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)*. Dissertation in Psychology, 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*. Master's Thesis in Psychology, University of California, Berkeley.

## Prepublication

- Hofelich, A. J. & Preston, S. D. (invited resubmission). Need in the eye of the observer: Implicit emotion associations affect the prosocial response.
- Cheng, P., Preston, S. D., Jonides, J., Hofelich, A. J., Thummula, K., Hsing, C., Deldin, P. J. (submitted). Early attentional biases in major depressive disorder.
- Brown, S. L. & Preston, S. D. (revise and resubmit). Mechanisms for linking prosocial behavior to improved physical health. *Perspectives in Psychological Science*.
- Preston, S. D. & Chester, D. S. (invited resubmission). Packrats for the planet: Hoarding predicts proenvironmental behavior. *Journal of Environmental Psychology*.
- Preston, S. D., Stansfield, R. B., & Chiang, S. L. (in preparation). The role of affect and cognition in individual differences in acquisitiveness.
- Preston, S. D., Shah, P. R., White, H. A. (in preparation). I have a use for that! Increased creativity in individuals who compulsively hoard.

## Invited Talks

- Heroic Altruism: Its Evolutionary, Psychological, and Neural Bases* (November, 2013). The Hero Roundtable Conference, Flint, MI.
- 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.
- Invited Panelist for *An Interdisciplinary Approach to Neuroscience and Emotion* (August, 2013). 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 and Published Abstracts

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, Austin, TX.

Hsing, C., Mohr, A.H., Stansfield, R.B., & Preston, S. (2014). *Alexithymia slows performance but preserves spontaneous semantic decoding of negative expressions in the Emostroop task*. Emotion Pre-conference, Society for Personality and Social Psychology, 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.
- Preston, S. D. (2013—**session organizer**). *The physiology of altruism*. Talk at the Association for Psychological Science meeting, Washington, DC.
- Porter, D. J., & Preston, S. D. (2013). *Helping you by not helping me: Altruistic motivations for refusing help*. Poster session at Society for Personality and Social Psychology, 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.
- 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.
- Buchanan, T.W., White, C.N., Kralemann, M., & Preston, S.D. (2012). *The contagion of physiological stress: Causes and consequences*. Presented at the Annual Meeting of the International Society for Psychoneuroendocrinology.
- Carpenter, S. M., Yates, J. F., Preston, S. D., Chen, L. (2012). *Shifting away from discomfort: Managing decision difficulty through emotion regulation*. Spoken presentation by first author at the Association for Consumer Research, Vancouver, BC.
- 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*. Talk presented at the Society for Personality and Social Psychology meeting, San Diego, CA.
- 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 annual meeting of the Society for Personality and Social Psychology, 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*. Presentation by S. Carpenter 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.
- Hofelich, A. J. & Preston, S. D. & (2011). *The role of distributed representations in trait and situational empathy*. Talk presented at the Virtuous Empathy: Scientific and Humanistic Investigations meeting, Indiana University, Bloomington, IN.
- Carpenter, S. M., Yates, J. F., Preston, S. D., & Chen, L. (2011). *Letting go of discomfort: Managing decision difficulty through pre-decisional shifting*. Presentation by S. Carpenter at the Subjective Probability, Utility, and Decision Making meeting for the European Association of Decision Making, London, UK.



- 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.
- 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*. Presentation by S. Carpenter 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.
- 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.
- 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.
- Preston, S. D. (2010). *The comparative neurobiology of decisions about resources*, Talk at the APS Conference, 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.
- 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.
- Preston, S. D. (2009). *The proximate mechanisms of hoarding*. Talk at the XXXI International Ethological Conference, Rennes, France.
- Bagley, S., Preston, S. D., & Buchanan, T. W. (2009). *You're stressing me out!: Males show sympathetic nervous system response to female stress*. Annual convention of the Association for Psychological Sciences, San Francisco, CA.

- Preston, S. D., Hofelich, A. J., & Stansfield, R. B. (2009). *Empathic Concern and Personal Distress: What more do you need to know?* Talk at the Society for Personality and Social Psychology, 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 at the Society for Personality and Social Psychology, Tampa, FL.
- 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. (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., & 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. (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., & 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. (2007). *Mechanisms of prosocial behavior from an interdisciplinary perspective*. Talk at the Society for Personality and Social Psychology Conference; Memphis, TN.
- 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. (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., 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*.
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- 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., & 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.
- 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

- 2001- Member, Cognitive Neuroscience Society
- 2003- Member, Society for Neuroscience
- 2006- Member, Society for Judgment and Decision Making
- 2007- Member, Society for Personality and Social Psychology
- 2009- Member, Association for Psychological Science

## Local Service

- 2013-2014: Distinguished Faculty Fellow for the Graham Institute Post-Doctoral Fellows
- 2013-present: EHAP steering committee
- 2013: CCN Recruitment Committee member
- 2013: CCN Social Committee Chair
- 2011-2012: EHAP co-organizer for series in Winter 2012
- Fall 2010-present: Third Tier Concentration Advisor
- 2010-2011: CCN Recruitment Committee member
- May 2010: Provost's Seminar on Teaching: Sustainability

2010: Cluster hire committee on Behavior and Sustainability (Chair: Carl Simon)

2010-present: ad hoc committee member; Integrating Sustainability across the Curriculum

2010-present: member of the 2030 Consortium

2009-2010: Human Subject Pool Committee

2009-present: Committee for Energy Strategic Planning at CARSS

2008-2009: Admissions Committee – Cognition and Cognitive Neuroscience Area

2007-2008: Executive Committee - Department of Psychology at the University of Michigan

2009: Augmented Executive Committee - Department of Psychology at the University of Michigan

2007-present: Social Chair – Cognition and Cognitive Neuroscience Area

2006-2007: Admissions Committee – Cognition and Cognitive Neuroscience Area

2006: Augmented Executive Committee - Department of Psychology at the University of Michigan

2006-present: Decision Consortium co-director with Frank Yates

## National Service

Editorial Boards: *Emotion*, *Journal of Experimental Psychology: General, Behavioral and Brain Sciences*,  
*Adaptive Human Behavior and Physiology*, *Depression & Anxiety*

NSF Merit Reviewer; Templeton Foundation grant reviewer

Review Editor: *Frontiers in Human Neuroscience*

**Symposium Organizer** at 2013 the Association for Psychological Science meeting, Washington, DC. Emotional Altruism: The Giving-Feeling Link.

**Conference Organizer** of 2nd *Interdisciplinary Science of Consumption* meeting, Spring, 2012 at the University of Michigan (assisted by the Department of Psychology).

**Symposium Co-organizer** with Katerie McRae at the 2012 Society for Personality and Social Psychology meeting, San Diego, CA, *Interpersonal Emotion Across Boundaries: Bridging Neural, Cultural, Clinical, and Personality Approaches*.

**Organizer** of symposium at 2011 Cognitive Neurosciences Society meeting, San Francisco, CA, *The Integrative Neurobiology of Consumption*.

**Conference Organizer** on *The Interdisciplinary Science of Consumption*, May 2010, Ann Arbor, MI.

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

Member of the Hoarding Task Force of Washtenaw County, MI.

Ad hoc reviewing for: *Nature*, *Science*, *Psychological Science*, *Perspectives in Psychological Science*, *JEP: HPP*, *Attention, Perception, & Psychophysics*, *Emotion Review*, *Journal of Cognitive Neuroscience*, *Annals of the New York Academy of Sciences*, *Attention, Perception, and Psychophysics*, *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*, *JEP: Applied*, *Cognitive and Affective Behavioral Neuroscience*, *Cognition*, *Biological Psychology*, *National Science Foundation*, *Biological Psychiatry*, *Neuropsychologia*, *Journal of Comparative Psychology*,

*Philosophical Transactions of the Royal Society – B, Journal of Social, Evolutionary, and Cultural Psychology, Evolutionary Psychology.*

## Professional Experience

*Graduate Student Researcher*      Spatial Cognition Laboratory (Spring and Summer 2000), supervised by Lucia F. Jacobs. Responsible for all phases of a neuropsychological examination of spatial cognition in dementia through the Memory and Aging Clinic at UCSF.

*Research Assistant*              Yerkes Primate Center, Lawrenceville, GA (Winter-Summer 1995-1996), supervised by Frans B. M. de Waal and Filippo Aureli. Responsible for testing in an investigation of heart-rate telemetry during social behavior in Rhesus macaques.

*Summer Fellowship Student*      National Institute of Health, NIAAA (Summer 1994), supervised by Timothy Foley. Primary research assistant in a study investigating the biochemical effects of alcohol and ouabagenin on the sodium-potassium pump.

*Summer Fellowship Student*      National Institute of Mental Health, NIMH (Summer 1993), supervised by Thomas Insel. Primary research assistant in neurophysiological investigations into foster parental behavior and neurotransmitter and benzodiazepine effects on pair bonding in monogamous voles.