

Tara K. Patterson
Curriculum Vitae

Contact Information

Address: Department of Psychology
University of California Los Angeles
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Education

2017 Ph.D., Psychology
University of California Los Angeles
2006 B.A., Neuroscience and Behavior
Columbia University

Training

Postdoctoral Research Fellow, UCLA (2017-present)
Mentors: Dr. Barbara Knowlton, Dr. Alan Castel, and Dr. Keith Nuechterlein

Ph.D. Student, UCLA (2010-2017)
Advisor: Dr. Barbara Knowlton

Honors and Awards

2017 Postdoctoral T32, National Institute of Mental Health
2014 Summer Institute in Cognitive Neuroscience Fellowship
2012 UCLA Neuroimaging Training Program Summer Session Traineeship
2012 UCLA Foundation for Psychocultural Research Conference Scholarship
2011 National Science Foundation Graduate Research Fellowship
2011 UCLA Graduate Summer Research Mentorship Award
2010 UCLA Eugene V. Cota-Robles Fellowship
2005 Columbia University Summer Undergraduate Research Fellowship
2002 Columbia University John W. Kluge Grant

Publications

Patterson, T. K. & Knowlton, B. J. (in press). Subregional specificity in human striatal habit learning: a meta-analytic review of the fMRI literature. *Current Opinion in Behavioral Sciences*. doi: 10.1016/j.cobeha.2017.10.005
Knowlton, B. J. & **Patterson, T. K.** (in press). Habit formation and the striatum. *Current Topics in Behavioral Neurosciences*. doi: 10.1007/7854_2016_451
Patterson, T. K., Lenartowicz, A., Berkman, E. T., Ji, D., Poldrack, R. A., & Knowlton, B. J. (2016). Putting the brakes on the brakes: Negative emotion alters subsequent stopping ability and disrupts cognitive control network functioning. *Experimental Brain Research*, 234, 3107-3118. doi:10.1007/s00221-016-4709-2

Patterson, T. K., Craske, M. G., & Knowlton, B. J. (2013). The effect of early-life stress on memory systems supporting instrumental behavior. *Hippocampus*, 23(11), 1025-1034. doi:10.1002/hipo.22174

Conference Talks

Patterson, T. K. & Knowlton, B. J. (2013, November). Sensitivity to reinforcement history as a novel method for assessing the goal-directedness of instrumental behavior. Oral presentation, Society for Neuroscience Annual Meeting, San Diego, CA.

Conference Posters

Patterson, T. K. & Knowlton, B. J. (2017, March). Enhanced avoidance habits in people with a history of early-life stress. Poster, Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.

Patterson, T. K. & Knowlton, B. J. (2016, April). A meta-analytic review of human habit learning. Poster, Cognitive Neuroscience Society Annual Meeting, New York, NY.

Patterson, T. K., Lenartowicz, A., Berkman, E. T., Poldrack, R. A., & Knowlton, B. J. (2013, June). Viewing emotional images alters functional connectivity in a subsequent response inhibition task. Poster, Organization for Human Brain Mapping Annual Meeting, Seattle, WA.

Patterson, T. K., Lenartowicz, A., Berkman, E. T., Poldrack, R. A., & Knowlton, B. J. (2013, April). Impact of emotional image viewing on neural mechanisms of response inhibition. Poster, Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.

Patterson, T. K., & Knowlton, B. J. (2012, October). Influence of distraction on the partial reinforcement extinction effect in individuals with a history of early-life stress. Poster, Society for Neuroscience Annual Meeting, New Orleans, LA.

Patterson, T. K., Stevens, S., Naliboff, B. D., Craske, M. G., Fanselow, M. S., & Knowlton, B. J. (2011, November). Early-life stress effects on behavioral persistence. Poster, Psychonomic Society Annual Meeting, Seattle, WA.

Invited Talks

UCLA Integrative Center for Learning and Memory Young Investigator Lecture, April 2016

Teaching Experience

Graduate Instructor	Memory in Literature (seminar)	Spring 2017	UCLA
Teaching Assistant	Mind over Matter II	Winter 2017	UCLA
Teaching Assistant	Mind over Matter I	Fall 2016	UCLA
Teaching Assistant	Behavioral Neuroscience Laboratory	Summer 2016	UCLA
Teaching Assistant	Comparative Psychobiology	Summer 2013	UCLA
Teaching Assistant	Introductory Psychology	Winter 2013	UCLA
Teaching Assistant	Laboratory in Functional Neuroimaging	Spring 2012	UCLA
Teaching Assistant	Research Methods in Psychology	Winter 2012	UCLA
Teaching Assistant	Principles of Behavioral Neuroscience	Fall 2011	UCLA

Work Experience

Project Director, University of North Carolina at Greensboro Emotional Development Lab (July 2007-August 2010)

Investigators: Dr. Susan Calkins, Dr. Martha Ann Bell, and Dr. Stuart Marcovitch

Research Coordinator, Virginia Tech Infant Perception Lab (January 2007-May 2007)

Investigator: Dr. Robin Panneton

Professional Memberships

Association for Psychological Science

Society for Neuroscience

Cognitive Neuroscience Society

Organization for Human Brain Mapping