

Shari Liu

CONTACT INFORMATION Department of Psychology (508) 505-7296
Harvard University shariliued@gmail.com
33 Kirkland Street http://shariliu.com
Cambridge, MA 02138

EDUCATION **Harvard University**
Ph.D. in Psychology (2016-present)
A.M. in Psychology (2014-2016)

Dartmouth College
A.B. in Psychology, *summa cum laude* (2010-2014)

Publications

JOURNAL ARTICLES **Liu, S.**, *Gonzalez, G., & Warneken, F. (2018). Worth the wait: Children trade off delay and reward in self- and other-benefiting decisions. *Developmental Science*, e12702. doi:10.1111/desc.12702

Liu, S., Ullman, T. D., Tenenbaum, J. B., & Spelke, E. S. (2017). Ten-month-old infants infer the value of goals from the costs of actions. *Science*, 358(6366), 1038-1041. doi:10.1126/science.aag2132

Liu, S., & Spelke, E. S. (2017). Six-month-old infants expect agents to minimize the cost of their actions. *Cognition*, 160, 35-42. doi:10.1016/j.cognition.2016.12.007

Parkinson, C., **Liu, S.**, & Wheatley, T. (2014). A common cortical metric for spatial, temporal, and social distance. *The Journal of Neuroscience*, 34(5), 1979-1987. doi:10.1523/jneurosci.2159-13.2014

REFEREED CONFERENCE PROCEEDINGS **Liu, S.**, Cushman, F. A., Gershman, S. J., Kool, W., & Spelke, E. S. (2019). Hard choices: Children's understanding of the cost of action selection. *Proceedings of the 41st Annual Meeting of the Cognitive Science Society*.

Liu, S., McCoy, J. P., & Ullman, T. D. (2019). People's perceptions of others' risk preferences. *Proceedings of the 41st Annual Meeting of the Cognitive Science Society*.

Liu, S., Ullman, T. D., Tenenbaum, J. B., & Spelke, E. S. (2017). What's worth the effort: Ten-month-old infants infer the value of goals from the costs of actions. *Proceedings of the 41st Annual Meeting of the Cognitive Science Society*.

UNDER REVIEW & IN PREPARATION **Liu, S.**, Brooks, N. B. & Spelke, E. S. (Under review). Origins of the concepts *cause*, *cost*, and *goal* in prereaching infants.

Liu, S., Ullman, T. D., Tenenbaum, J. B., & Spelke, E. S. (in prep). Infants are sensitive to the perils in other people's plans.

Liu, S., & Warneken, F. (In prep). Rational optimism in children's social reasoning.

* = student advisee

Conference Presentations

TALKS

Liu, S., Cushman, F., Gershman, S., Kool, W., & Spelke, E. S. (2019). Hard choices: Children's understanding of the cost of action selection. Slide session to be conducted at the 41st annual meeting of the *Cognitive Science Society*, Montreal, Canada.

Liu, S., McCoy, J., & Ullman, T. (2019). Perceptions of others' risk preferences. Slide session to be conducted at the 41st annual meeting of the *Cognitive Science Society*, Montreal, Canada.

Liu, S., Ullman, T. D., Tenenbaum, J. B., & Spelke, E. S. (July 2018). Infants use risk and effort to infer what agents value. In *Effort and Persistence Across Early Development*. Symposium conducted at the biennial meeting of the *International Congress on Infant Studies (ICIS)*, Philadelphia, PA, USA.

Liu, S., Ullman, T. D., Tenenbaum, J. B., & Spelke, E. S. (July 2017). What's worth the effort: Ten-month-old infants infer the value of goals from the costs of actions. Slide session conducted at the 39th annual meeting of the *Cognitive Science Society*, London, UK.

Liu, S., *Gonzalez, G., & Warneken, F. (April 2017). Children weigh the costs and rewards in altruistic decision-making. In *Children's Reasoning about the Costs and Rewards of Prosocial Decisions*. Symposium conducted at the biennial meeting of the *Society for Research in Child Development (SRCD)*, Austin, TX, USA.

Parkinson, C., **Liu, S.**, & Wheatley, T. (April 2013). A common cortical metric for spatial, temporal and social distance. In *Social Networks & Reward*. Symposium conducted at the annual meeting of the *Social & Affective Neuroscience Society (SANS)*, San Francisco, CA, USA.

Parkinson, C., **Liu, S.**, & Wheatley, T. (December 2012). The neural representation of psychological distance. Slide session conducted at the *Harvard University Social Brain Sciences Symposium*, Cambridge, USA.

POSTER PRESENTATIONS

Liu, S., *Aguirre, A., Cushman F. A., Gershman, S. J., Kool, W., and Spelke, E. S. (October 2017). Children's sensitivity to the cost of action selection. Poster presented at the biennial meeting of the *Cognitive Development Society (CDS)*, Portland, OR, USA.

Liu, S., Ullman, T. D., Tenenbaum, J. B., & Spelke, E. S. (April 2017). Ten-month-old infants infer value from effort. Poster presented at the biennial meeting of the *Society for Research in Child Development (SRCD)*, Austin, TX, USA.

Liu, S., Brooks, N. B., & Spelke, E. S. (May 2016). Pre-reaching infants expect causal agents to act efficiently without motor training. Poster presented at the biennial *International Conference on Infant Studies (ICIS)*, New Orleans, LA.

Liu, S., & Spelke, E. S. (January 2016). Continuous representations of action efficiency in infancy. Poster presented at the *CEU Conference on Cognitive Development (BCCCD16)*, Budapest, Hungary.

Liu, S., & Spelke, E. S. (October 2015). Six-month-old infants represent action efficiency on a continuous scale. Poster presented at the biennial meeting of the *Cognitive*

Development Society (CDS), Columbus, OH, USA.

Liu, S., & Warneken, F. (October 2015). Rational optimism in children's social reasoning. Poster presented at the biennial meeting of the *Cognitive Development Society (CDS)*, Columbus, OH, USA.

Parkinson, C., **Liu, S.**, & Wheatley, T. (April 2013). A common neural encoding of spatial and semantic distance. Poster presented at the annual meeting of the *Cognitive Neuroscience Society (CNS)*, San Francisco, USA.

Parkinson, C., **Liu, S.**, & Wheatley, T. (October 2012). Multivoxel pattern analysis reveals a domain-general neural encoding of psychological distance. Poster presented at the annual meeting of the *Society for Neuroscience (SfN)*, New Orleans, USA.

Parkinson, C., **Liu, S.**, & Wheatley, T. (October 2012). Multivoxel pattern analysis reveals a domain-general neural encoding of psychological distance. Poster presented at the annual meeting of the *Society for Social Neuroscience (SfN satellite event)*, New Orleans, USA.

Honors and Awards

2018 Certificate of Distinction in Teaching, Derek Bok Center at Harvard
2017 Brains Minds and Machines Summer School Student
2017 Cognitive Science Society Student Travel Award
2017 Society for Research in Child Development Student Travel Award
2016-19 National Science Foundation Graduate Research Fellowship
2016 Restricted Funds Travel Grant, Harvard University
2014 Stimson Research Grant, Harvard University
2014 Phi Beta Kappa, Dartmouth College
2014 Escobosa Family Honors Thesis Prize in Psychology, Dartmouth College
2014 Nickerson 1964 Psychological and Brain Sciences Prize, Dartmouth College
2014 James O. Freedman Presidential Scholar, Dartmouth College
2014 Honorable Mention, NSF Graduate Research Fellowship

Research Talks

2019 Laboratory for Developmental Studies Seminar, Harvard
2018 Visual Attention Lab, Harvard Medical School
2018 Laboratory for Developmental Studies Seminar, Harvard
2017 Early Childhood Cognition Lab, MIT
2017 Cognition, Brain and Behavior Research Seminar, Harvard
2017 Laboratory for Developmental Studies Seminar, Harvard
2016 Boston Area Psychology Graduate Student Symposium, Northeastern
2016 Center for Brain Minds and Machines Annual Retreat, MIT
2016 Laboratory for Developmental Studies Seminar, Harvard
2016 Boston Area Moral Cognition Group, Harvard
2015 Laboratory for Developmental Studies Seminar, Harvard

Students Advised

Aracely Aguirre (Harvard, Spring 2015-2017)
Amelia Andrews (Tufts, Spring-Summer 2017)
Hannah Becker (Washington University in St. Louis, Summer 2015)
Sara Dablouk (University of Bath, Fall 2018-present)
Spencer Daus-Haberle (Bates, Summer 2016)
Daisy Evariz (Harvard, Spring 2018-present)
Nensi Gjata (Harvard, Summer 2018-present)
Gorana Gonzalez (University of Florida, Fall 2015)
— Current Lab Manager at Boston College
Juliet Isselbacher (Harvard, Spring 2019)

Caroline Kerwin (Harvard, Fall 2015-Fall 2017)
Jordyn Ricard (Northwestern University, Summer 2018)
Chrystal Spencer (Rutgers, Summer 2017)
— Current Lab Manager at Rutgers
Akshita Srinivasan (University of Hyderabad, Summer 2017-2018)
— Current PhD Student at Harvard
Connie Wong (University of Pennsylvania, Summer 2015)

Teaching

2019	Course Instructor, Sophomore Tutorial (Harvard PSY 971)
2018	Teaching Fellow, Social Psychology (Harvard PSY 15)
2017	Co-Supervisor, Independent Research (Harvard PSY 910r)
2014-18	Guest Lecturer, Laboratory in Early Cognitive Development (Harvard PSY 1652r)

Professional Service

2018-9	Co-organizer, Developmental Studies Seminar (Harvard)
Reviews	Journal of Emerging Investigators, Trends in Cognitive Sciences, Cognition, Developmental Science, Cognitive Science Society

Technical Skills

Programming: R, Python, C, JavaScript
Statistics: R, SPSS
Graphics: Illustrator, Blender