

Anna S. Waismeyer

Post Doctoral Fellow

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Education

Post-doctoral Fellow at the University of Washington,
Institute for Learning & Brain Sciences (I-LABS) 2010 - current

Ph.D. in Psychology with focus in Change, Plasticity and Development,
University of California, Berkeley 2010

B.A., *cum laude* in Cognitive Science, Cornell University 2002

Grants, Positions and Awards

National Science Foundation DRL-REESE Grant
\$499,210 (PI Andrew Meltzoff) 2013 – 2016

Cognitive Development Society Travel Award 2011

McDonnell Foundation Grant
Graduate Student Researcher 2009 – 2010

University of California, Berkeley, Psychology Department Block Grant
Graduate Student Researcher 2008

McDonnell Foundation Grant
Graduate Student Researcher 2006 - 2007

Publications

Note: Currently publish under married name, Waismeyer. Prior publications use maiden name, Waisman.

- Taylor, A.H., Cheke, L.G., Waismeyer, A.S., Meltzoff, A.N., Miller, R., Gopnik, A., Clayton, N.S., & Gray, R.D. (2014) Of babies and birds: Complex tool behaviours are not sufficient for the evolution of the ability to create a novel causal intervention. *Proceedings of the Royal Society B*. doi: 10.1098/rspb.2014.0837
- Waismeyer, A.S., Meltzoff, A.N., & Gopnik, A. (2014) Causal Learning from Probabilistic Events by Human Infants: An action measure. *Developmental Science*.
- Waismeyer, A. & Jacobs, L.F. (2013) The emergence of flexible spatial strategies in young children. *Developmental Psychology*, 49(2): 232-242. doi: 10.1037/a0028334
- Meltzoff, A., Waismeyer, A., Gopnik, A. (2012) Learning about causes from people: Observational Causal Learning in 24-month old infants. *Developmental Psychology*, 48(5): 1215-1228. doi: 10.1037/a0027440
- Waisman, A., Lucas, C.G., Griffiths, T., Jacobs, L.F. (2011) A Bayesian Model of Navigation in Squirrels. *Proceedings of the 33rd Annual Conference of the Cognitive Science Society*.
- Waisman, A. and Jacobs, L.F. (2008) Flexibility of cue use in the fox squirrel (*Sciurus niger*). *Animal Cognition*, 11(4): 625-636.

Conference presentations and Invited lectures

Conference presentations

Waismeyer, A., Meltzoff, A.N., & Jacobs, L.F. (2013) Bayesian Spatial Strategies in Young Children. *Spatial Memory: Bayes and Beyond* (Richmond, VA.)

Waismeyer, A., Meltzoff, A.N., & Gopnik, A. (2013) Causal Learning in an Uncertain World. *Biennial Meeting of the Society for Research in Child Development* (Seattle, WA.)

Waisman, A., Meltzoff, A.N. & Gopnik, A. (2012) Probabilistic Causal Inference in Young Children. *International Conference on Infant Studies* (Minneapolis, MN.)

Waisman, A.S., Cook, A., Gopnik, A., Jacobs, L.F. (2011) Causal Inference in Young Children and the Domestic Dog. *Cognitive Development Society*. (Philadelphia, PA.)

Waisman, A.S., Lucas, C.G., Griffiths, T., Jacobs, L.F. (2011) A Bayesian Model of Navigation in Squirrels. *The Proceedings of the 33rd Annual Conference of the Cognitive Science Society*. (Boston, MA.)

Waisman, A.S., Cook, A., Gopnik, A., Jacobs, L.F. (2009) Causal Inference in the Domestic Dog (*Canis familiaris*) and preschool age children. *The 15th International Conference on Comparative Cognition* (Melbourne, FL.)

Waisman, A.S. and Jacobs, L.F. (2008) Flexibility of cue use in the fox squirrel (*Sciurus niger*). *Workshop on the Integrative Biology of Scatter Hoarding: Ecology, Psychology and Neuroscience*, Cornell University (Ithaca, NY.)

Waisman, A.S., Cook, A., Gopnik, A., Jacobs, L.F. (2008) Causal reasoning in children and dogs. *Berkeley-Stanford-Santa Cruz Developmental talks*, Stanford University (Palo Alto, CA.)

Organized Symposia

Symposium Co-chair: *Learning in a world of uncertainty: Infants use probabilistic inferences to guide their actions*, International Conference on Infant Studies, 2012. Minneapolis, MN.

Symposium Chair: *An interdisciplinary approach to the origins of causal inference: Integrating developmental, comparative, and adult studies*, Cognitive Development Society, 2011. Philadelphia, PA.

Invited lectures

Waismeyer, A.S. (2012) Causal inference in the domestic dog: Will Pavlov's dogs ring the bell? *Causal Inference Symposium*. UC Berkeley, Cognitive Science Organization for Graduate Students at Berkeley

Waisman, A.S. (2010) Causal and Spatial Reasoning in Animals and Children. University of Washington, Institute for Learning and Brain Sciences roundtable

Waisman, A.S. (2009) Causal Inference in Dogs and Children. Lecture for the Search and Rescue of Bay Area Team, Walnut Creek, CA.

Posters

Waismeyer, A.S., Meltzoff, A.N., & Jacobs, L.F. (2013) Spatial Reasoning in a Social World. *Biennial Meeting of the Society for Research in Child Development*. (Seattle, WA.)

Jacobs, L.F., Waisman, A.S., Nicholas, M., and Delgado, M.M. (2011). How to Encode the World: Integrating Multiple Frames of Reference. In *Behavior 2011* (Bloomington, IN., Animal Behavior Society).

Waisman, A.S., Cook, A., Gopnik, A., Jacobs, L.F. (2009) Causal Inference in the Domestic Dog and Preschool Age Children. *Cognitive Development Society conference*. (San Antonio, TX.)

Cook, A., Waisman, A.S., Gopnik, A., Jacobs, L.F. (2007) Causal Inference in the Domestic Dog. *American Psychological Association conference*. (San Francisco, CA.)

Waisman, A.S., Jacobs, L.F. (2007) Flexible Spatial cue use in the fox Squirrel (*Sciurus niger*). *American Psychological Association conference*. (San Francisco, CA.)

Waisman, A.S., Jacobs, L.F. (2006) Flexible Spatial Cue Use in a Food-Storing Mammal. *Berkeley-Stanford talks: Cognition, Brain and Behavior* (Berkeley, CA.)

Waisman, A.S., Jacobs, L.F. (2006) Flexible Spatial Cue Use in a Food-Storing Mammal. *The 13th International Conference on Comparative Cognition* (Melbourne, FL.)

Teaching Experience

University of California, Berkeley

Lecturer

Introduction to Psychology for non-majors [Psych 2; 2010], evaluation score: 5.8/7

Teaching Assistant

Drugs, Brains, and Behavior [Psych 119; 2008], evaluation score: 6.3/7

Research and Data Analysis [Psych 101; 2008], evaluation score: 6.2/7

Learning and Memory [Psych 122; 2007], evaluation score: 6.2/7

Animal Cognition [Psych 121; 2006], evaluation score: 6.3/7

Drugs, Brains, and Behavior [Psych 119; 2005], no evaluation score reported

Animal Cognition [Psych 121; 2005], evaluation score: 5.2/7

Animal Behavior [2004], evaluation score: 4.2/7

Guest Lectures

University of Washington

Developmental Psychology Seminar (2010) Causal and Spatial Reasoning in Animals and Children.

University of California, Berkeley

Developmental Psychology Seminar, Psych 294 (2010) Causal and Spatial Reasoning in Animals and Children.

Research Reviews in Animal Behavior, Psych C204 (2006) Landmark use in fox squirrels (*Sciurus niger*).

Research Reviews in Animal Behavior, Psych C204 (2005) Cognitive mapping in 3D: An Animal Model.

Comparative Cognition Seminar, Psych 290B (2005) The Effects of Ecology on Spatial Memory.

Professional Activities

Ad hoc reviewer

Developmental Psychology, Journal of Animal Cognition, Infancy, Child Development Research, Cognitive Psychology

Professional Affiliations

Association for Psychological Science (APS), American Psychological Association (APA), Cognitive Development Society (CDS), Comparative Cognition Society (CCS), International Society for Infant Studies (ISIS)