

Curriculum Vitae

JEFF LOUCKS

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Education

Ph.D. in Psychology, University of Oregon, Eugene	2009
Specialization: Cognitive Development Primary Adviser: Dr. Dare Baldwin	
M.S. in Psychology, University of Oregon, Eugene	2003
Primary Adviser: Dr. Dare Baldwin	
B.A.H in Psychology, Queen's University, Kingston	2002
Primary Adviser: Dr. Mark A. Sabbagh	

Professional Experience

Associate Professor , Department of Psychology, University of Regina	2016-Present
Assistant Professor , Department of Psychology, University of Regina	2012-2016
Research Associate , Department of Psychology, University of Washington	2009-2012
Human Subjects Coordinator , University of Oregon	2006-2008
Instructor , Department of Psychology, University of Oregon	2003-2009
Lab Coordinator , Acquiring Minds Lab, University of Oregon	2003-2004
Teaching Assistant , Department of Psychology, University of Oregon	2002-2005

Research Interests

My research is largely focused on the development of infants' early action processing and its relationship to intentional understanding and social development. I also study young children's and adults' perception and comprehension of action, in order to trace the development of action processing from infancy to adulthood.

Honors and Awards

Ruth L. Kirschstein National Service Research Award	2009-2012
SRCD Early Career Travel Award	2011
Cognitive Science Society Student Travel Award	2008
Clarence and Lucille Dunbar Scholarship	2007-2008
Passed Major Preliminary Exam with Distinction, University of Oregon	2005

Grant Funding for Research

Natural Science and Engineering Research Council, CDN \$123,900	2015-2020
“Perceptual Narrowing in Human Action Perception: Mechanisms and Functions” Jeff Loucks	

Social Science and Humanities Research Council, CDN \$60,260 2013-2015
“Young Children’s Acquisition of Complex Cultural Action Routines”
Jeff Loucks and Heather Price

National Institutes of Health, NRSA, US \$146,178 2009-2012
“Mechanisms in the Development of Human Action Discrimination”
Jeff Loucks and Jessica Sommerville

Refereed Publications

Loucks, J., Blakley, T., & Price, H. L. (2020). Memory for temporal order in novel sequential action. *Journal of Cognitive Psychology*.

Loucks, J., Verrett, K., & Reise, B. (2020). Animates engender robust memory representations in adults and young children. *Cognition*.

Loucks, J., & Price, H. L. (2019). Memory for temporal order in action is slow developing, sensitive to deviant input, and supported by foundational cognitive processes. *Developmental Psychology*.

Loucks, J., & Nagel, N. (2018). Temporal perception is enhanced for goal-directed biological actions. *Visual Cognition*, 26, 530-544.

Loucks, J., & Sommerville, J. A. (2018). Developmental change in human action perception: Is motor experience the cause? *Infancy*, 1-19.

Loucks, J., Mutschler, C., & Meltzoff, A. N. (2017). Children's representation and imitation of events: How goal organization influences 3-year-old children's memory for action sequences. *Cognitive Science*, 41, 1904-1933.

Loucks, J., & Pechey, M. (2016). Human action perception is consistent, flexible, and orientation dependent. *Perception*, 45, 1222-1239.

Loucks, J., & Sommerville, J. A. (2013). Attending to what matters: Flexibility in adults' and infants' action perception. *Journal of Experimental Child Psychology*, 16, 856-872.

Loucks, J., & Meltzoff, A.N. (2013). Goals influence memory and imitation for dynamic human action in 36-month-old children. *Scandinavian Journal of Psychology*, 54, 41-50.

Loucks, J., & Sommerville, J. A. (2012). The role of motor experience in understanding action function: The case of the precision grasp. *Child Development*, 83, 801-809.

Loucks, J., & Sommerville, J. A. (2012). Developmental changes in the discrimination of dynamic human actions in infancy. *Developmental Science*, 15, 123-130

Loucks, J. (2011). Configural information is processed differently in human action. *Perception, 40*, 1047-1062.

Loucks, J., & Baldwin, D. (2009). Sources of information for discriminating dynamic human actions. *Cognition, 111*, 84-97.

Loucks, J., & Baldwin, D. (2008). Sources of information in human action. In B. C. Love, K. McRae, & V. M. Sloutsky (Eds.), *Proceedings of the 30th Annual Conference of the Cognitive Science Society* (pp. 121-126). Washington, DC: Cognitive Science Society.

Book Chapters

Loucks, J., & Sommerville, J. A. (2013). Human action perception across development. In M.D. Rutherford & V. A. Kuhlmeier (Eds.), *Social Perception* (pp. 351-381). Cambridge: The MIT Press.

Sommerville, J. A., Upshaw, M. B., & **Loucks, J.**, (2012). The nature of goal-directed action representations in infancy. In J. B. Benson (Series Ed.), F. Xu, & T. Kushnir (Vol. Eds.), *Advances in Child Development and Behavior: Vol 43. Rational Constructivism in Cognitive Development* (pp. 351-387). Boston: Academic Press.

Loucks, J., & Pederson, E. (2011). Linguistic and non-linguistic categorization of complex motion events. In J. Bohnemeyer & E. Pederson (Eds.), *Event Representations in Language and Cognition* (pp. 108-133). Cambridge: Cambridge University Press.

Baldwin, D., **Loucks, J.**, & Sabbagh, M. A. (2008). Pragmatics of human action. In T. F. Shipley & J. M. Zacks (Eds.), *Understanding Events: From Perception to Action* (pp. 96-129). New York: Oxford University Press.

Loucks, J. T., & Baldwin, D. (2006). When is a grasp a grasp? Characterizing some basic components of human action processing. In K. Hirsh-Pasek & R. M. Golinkoff (Eds.), *Action Meets Word: How Children Learn Verbs* (pp. 228-261). New York: Oxford University Press.

Manuscripts Under Review or In Preparation

Buchko, D., & **Loucks, J.** (in preparation). The “it” factor: Parent language influences young children’s conceptualization of snakes.

Loucks, J., & Buchko, D. (in preparation). Snakes, speciesism, and the killing of wild animals.

Refereed and Invited Conference Presentations

*Buchko, D., & **Loucks, J.** (2019, June). Parent language and children’s inductive reasoning about snakes. Paper presented at the annual conference of the Canadian Society for Brain, Behaviour, and Cognitive Sciences, Waterloo, ON.

- Loucks, J., & Buchko, D.** (2019, June). Speed perception is enhanced for familiar human motion. Poster presented at the annual conference of the Canadian Society for Brain, Behaviour, and Cognitive Sciences, Waterloo, ON.
- ***Blakley, T., & Loucks, J.** (2019, June). Memory for temporal order in action comes last. Poster presented at the annual conference of the Canadian Society for Brain, Behaviour, and Cognitive Sciences, Waterloo, ON.
- Loucks, J.** (2017, June). Speed perception is enhanced for human actions. Talk presented at the annual conference of the Canadian Society for Brain, Behaviour, and Cognitive Sciences, Regina, SK.
- ***Seilman, S., & Loucks, J.** (2017, June). Effects of motor involvement on memory performance for pictorial and 3D objects. Poster presented at the annual conference of the Canadian Society for Brain, Behaviour, and Cognitive Sciences, Regina, SK.
- ***Buchko, D., & Loucks, J.** (2017, June). Pupil dilation as a measure of action prediction. Poster presented at the annual conference of the Canadian Society for Brain, Behaviour, and Cognitive Sciences, Regina, SK.
- Loucks, J., & Meltzoff, A. N.** (2016, August). Higher-level goals structure children's action memory. Talk presented at the annual meeting of the Cognitive Science Society, Philadelphia, PA. in symposium "Higher-level goals in the processing of human action events", chair Jeff Loucks.
- ***Buchko, D., & Loucks, J.** (2016, June). Pupil dilation as a measure of action prediction. Poster presented at the annual conference of the Canadian Society for Brain, Behaviour, and Cognitive Sciences, Ottawa, ON.
- ***Pechey, M., & Loucks, J.** (2015, June). Human action perception: The effects of goals and inversion. Poster presented at the annual conference of the Canadian Society for Brain, Behaviour, and Cognitive Sciences, Ottawa, ON.
- Loucks, J.** (2015, March). Memory for hierarchical goal structure facilitates imitation of novel actions in 3-year-old children. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
- Loucks, J., & Meltzoff, A. N.** (2013, October). How goal inferences structure young children's memory and imitation for novel action sequences. Talk presented at the biennial meeting of the Cognitive Development Society, Memphis, TN.
- Loucks, J., & Meltzoff, A. N.** (2013, April). Children's memory for action sequences is organized by goals. Talk presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA, in symposium "The development of action understanding and goal inference", chair Jeff Loucks.

- Loucks, J., & Sommerville, J. A.** (2011, October). Adult and infant attention during action perception is context dependent. Poster presented at the biennial meeting of the Cognitive Development Society, Philadelphia, PA.
- Loucks, J., & Sommerville, J. A.** (2011, June). Attention to properties of human action across development. Invited talk presented at the Workshop on Social Perception, Hamilton, ON.
- Loucks, J., & Sommerville, J. A.** (2011, April). Perceptual tuning in action perception: Is motor experience the cause? Talk presented at the biennial meeting of the Society for Research in Child Development, Montreal, QC, in symposium "Perceptual tuning across domains: Mechanisms and Functions", chair Jeff Loucks.
- Loucks, J., & Sommerville, J.** (2010, March). The Role of Motor Experience in Action Understanding: The Case of the Pincer Grasp. Invited talk presented at the biennial International Conference on Infant Studies, Baltimore, MD.
- Loucks, J., & Baldwin, D.** (2009, October). Development of the Featural/Configural Distinction in Human Action Discrimination. Poster presented at the biennial meeting of the Cognitive Development Society, San Antonio, TX.
- Loucks, J., & Baldwin, D.** (2009, April). Familiarity and Organization of Action Memory in Adults and Young Children. Talk (Pecha Kucha) presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.
- Loucks, J., & Baldwin, D.** (2007, March). Selective attention in action recognition and discrimination in human infants. Poster presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.
- Loucks, J., & Pederson, E.** (2006, May). Language and cognition in motion event processing. Poster presented at the annual meeting of the Association for Psychological Science, New York, NY.
- Pederson, E., **Loucks, J., & Baldwin, D.** (2004, September). Action processing and the linguistic representation of events. Invited talk presented at the Conference on Event Representations in Thought and Language, Eugene, OR.
- Loucks, J. T., & Baldwin, D.** (2004, May). Inversion disrupts configural processing of dynamic human action. Poster presented at the annual meeting of the American Psychological Society, Chicago, IL.
- Sabbagh, M. A., & **Loucks, J. T.** (2003, April). Infants' sensitivity to the manner and outcomes

of intentional action. Poster presented at the biennial meeting of the Society for Research in Child Development, Tampa, FL.

* = *student presentation*

Invited Research Talks

2009

Department of Psychology, University of California, San Diego, "*Perceptual Narrowing in Action Discrimination.*"

Service

PROFESSIONAL

Editorial Board

Journal of Experimental Child Psychology

2014-present

Conference Proceedings Reviewer

Society for Research in Child Development

2012, 2014

Cognitive Science Society

2009, 2015-
2018

Ad-hoc reviewing

Child Development; Developmental Psychology; Developmental Science; Infancy; Journal of Experimental Child Psychology; Cognitive Psychology; Cognitive Development; Cognition; Memory & Cognition; Journal of Experimental Psychology: General; Journal of Cognitive Psychology; Visual Cognition; Attention, Perception, & Psychophysics; American Journal of Psychology; Behavior Research Methods; Frontiers in Developmental Psychology; Frontiers in Human Neuroscience

UNIVERSITY

Occupational Health and Safety

University of Regina

2017-present

Woodrow Lloyd Lecture Committee

University of Regina

2017-2019

Executive of Council

University of Regina

2015-2017

NSERC Masters Award Selection Committee

University of Regina

2016-2018

NSERC Doctoral Award Selection Committee

University of Regina

2016, 2017

SSHRC Doctoral Award Selection Committee

University of Regina

2013

DEPARTMENT

Undergraduate and Honours Committee

Department of Psychology, University of Regina

2014-present

Curriculum Committee

Department of Psychology, University of Regina

2016-present

Graduate Selection Committee

2014-present

Teaching Experience

Developmental Psychology , University of Regina	2012-present
Child Development , University of Regina	2013-present
University of Oregon	2003, 2007
Infant Development , University of Regina	2014-2018
Cognitive Development , University of Washington	2012
University of Oregon	2006
Psycholinguistics , University of Regina	2018
University of Oregon	2005-2006
Statistical Methods in Psychology , University of Oregon	2004-2008
University of Regina	2019
Research Methods in Psychology , University of Oregon	2006

Supervision

GRADUATE

Denée Buchko (Masters)	2017-2019
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UNDERGRADUATE HONOURS

Avery Trudelle	2020
Nicole Pastuch	2020
Mackenzie Mercer	2019
Taline Blakely	2019
Jaspreet Singh	2018
Stephanie Seilman	2017
Denee Buchko	2016
Matthew Pechey	2015
Megan Carroboung	2014
Jason Dooley	2010
Kenneth Hartline	2009

Professional Association Memberships

Society for Research in Child Development
International Congress of Infant Studies
Cognitive Development Society
Cognitive Science Society
Canadian Society for Brain, Behaviour, and Cognitive Science