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CITIZENSHIP: Canada

PROFESSIONAL EXPERIENCE

EMORY UNIVERSITY

Assistant Professor, Department of Psychology (January 2007 - present)

EDUCATION

UNIVERSITY OF CHICAGO

Ph.D., Psychology, December 2006

UNIVERSITY OF TORONTO

Honours B.Sc., High Distinction, June 2000

HONORS, AWARDS, & FELLOWSHIPS

GRADUATE

University of Chicago, John Dewey Lectureship Prize, 2005/2006

University of Chicago, Psychology Graduate Student Organization (PGSO) Research Funding, 2003 – present

University of Chicago Fellowship (Tuition plus Stipend), 2001 – 2005

Natural Sciences and Engineering Research Council of Canada (NSERC) Postgraduate Scholarship (PGS A), 2001 – 2003, Declined

UNDERGRADUATE

St. Michael's College Silver Medal Award, University of Toronto, 2000

Dean's List, University of Toronto, 2000, 1998, 1997

Canadian Psychological Association (CPA) Academic Excellence Award, 2000

NSERC Undergraduate Student Research Scholarship, May 1999 – September 1999

St. Michael's College Scholarship, University of Toronto, 1997

Golden Key National Honor Society Scholar Award, University of Toronto, 1997

RESEARCH INTERESTS

Development of spatial perception and reasoning in normal and atypical populations

Individual differences in spatial skill

Information integration in location coding

Relation between action and space perception

Spatial representation of number

PROFESSIONAL MEMBERSHIP

Association for Psychological Science (APS)
Cognitive Development Society (CDS)
Cognitive Neuroscience Society (CNS)

Society for Research in Child Development
(SRCDD)
International Society on Infant Studies (ISIS)

PUBLICATIONS AND MANUSCRIPTS

PUBLISHED PAPERS

Lourenco, S. F., & Huttenlocher, J. (in press). The representation of geometric cues in infancy. *Infancy*.

Huttenlocher, J., & **Lourenco, S. F.** (in press). Coding location in enclosed spaces: Is geometry the principle? *Developmental Science*.

Huttenlocher, J., Hedges, L., **Lourenco, S. F.**, Crawford, L. E., & Corrigan, B. (in press). Estimating stimuli in contrasting categories: Truncation due to boundaries. *Journal of Experimental Psychology: General*.

Lourenco, S. F., & Huttenlocher, J. (2007). Using geometry to specify location: Implications for spatial coding in children and nonhuman animals. *Psychological Research*, 71, 252 – 264.

Huttenlocher, J. & **Lourenco, S. F.** (2007). Using spatial categories to reason about location. In J. Plumert & J. Spencer (Eds.), *The Emerging Spatial Mind* (pp. 3 – 24). New York, NY: Oxford University Press.

Longo, M. R., & **Lourenco, S. F.** (2007). Space perception and body morphology: Extent of near space scales with arm length. *Experimental Brain Research*, 177, 285 – 290.

Longo, M. R., & **Lourenco, S. F.** (2007). Spatial attention and the mental number line: Evidence for characteristic biases and compression. *Neuropsychologia*, 45, 1400 – 1407.

Lourenco, S. F., & Huttenlocher, J. (2006). How do young children determine location? Evidence from disorientation tasks. *Cognition*, 100, 511 – 529.

Longo, M. R., & **Lourenco, S. F.** (2006). On the nature of near space: Effects of tool use and the transition to far space. *Neuropsychologia*, 44, 977 – 981.

Levine, S. C., Vasilyeva, M., **Lourenco, S. F.**, Newcombe, N., & Huttenlocher, J. (2005). Socioeconomic status modifies the sex difference in spatial skill. *Psychological Science*, 16, 841 – 845.

Lourenco, S. F., Huttenlocher, J., & Vasilyeva, M. (2005). Toddlers' representations of space: The role of viewer perspective. *Psychological Science*, 16, 255 – 259.

Zelazo, P. D., & **Lourenco, S. F.** (2003). Imitation and the dialectic of representation. *Developmental Review*, 23, 55 – 78.

SUBMITTED MANUSCRIPTS

Jacques, S., Zelazo, P. D., **Lourenco, S. F.**, & Sutherland, A. (under revision). The roles of labelling and abstraction in the development of cognitive flexibility. *SRCD Monographs*.

Lourenco, S. F., Huttenlocher, J., & Fabian, L. (under review). Early sex differences in weighting geometric cues.

MANUSCRIPTS IN PREPARATION

Lourenco, S. F., Addy, D., & Huttenlocher, J. *The Advantage of Composite Cues*.

Lourenco, S. F., & Levine, S. C. *Early hemispheric specialization for distance and categorical coding: Evidence from children with pre- and perinatal brain injury*.

Lourenco, S. F., & Levine, S. C. *Hemispatial neglect for representational space in young children*.

Lourenco, S. F., & Zelazo, P. D. *The development of pictorial understanding: Representing content and form*.

CONFERENCE PRESENTATIONS: PAPERS AND POSTERS

Lourenco, S. F., Fabian, L., & Huttenlocher, J. (2007, March). *Sexually dimorphic weighting of geometric cues in young children*. In S. F. Lourenco (Chair), Spatial representation in young children: How is geometric and non-geometric location information processed? Paper presented at the Biennial Meeting of the Society for Research in Child Development (SRCD), Boston, MA.

Huttenlocher, J., & **Lourenco, S. F.** (2007, March). *Coding location in enclosed spaces: Is geometry the principle?* In S. F. Lourenco (Chair), Spatial representation in young children: How is geometric and non-geometric location information processed? Paper presented at the Biennial Meeting of the Society for Research in Child Development (SRCD), Boston, MA.

Huttenlocher, J., & **Lourenco, S. F.** (2006, November). *Coding location in enclosed spaces: Is geometry the principle?* Paper presented at the Annual Meeting of the Psychonomic Society, Houston, TX.

Longo, M. R., & **Lourenco, S. F.** (2006, April). *Space perception and body morphology: Extent of near space scales with arm length*. Paper presented at PsychFest: The Annual University of Chicago/Northwestern University Psychology Graduate Student Symposium, Chicago, IL.

Longo, M., & **Lourenco, S. F.** (2006, April). *Relation of space perception to body morphology: Extent of near space scales with arm length.* Poster presented at the Annual Meeting of the Cognitive Neuroscience Society (CNS), San Francisco, CA.

Lourenco, S. F., Huttenlocher, J., & Fabian, L. (2005, October). *Coding geometric information in infancy.* Poster presented at the Biennial Meeting of the Cognitive Development Society (CDS), San Diego, CA.

Longo, M. R., & **Lourenco, S. F.** (2005, April). *Shared representation for numerical and spatial cognition: Pseudoneglect for the mental number line.* Poster presented at the Annual Meeting of the Cognitive Neuroscience Society (CNS), New York, NY.

Levine, S. C., Vasilyeva, M., **Lourenco, S. F.**, Newcombe, N., & Huttenlocher, J. (2005, April). *The sex difference in spatial skill: Sensitivity to socioeconomic status.* Paper presented at the Biennial Meeting of the Society for Research in Child Development (SRCD), Atlanta, GA.

Lourenco, S. F., & Huttenlocher, J. (2005, April). *Viewer- vs. space-movement tasks: Toddlers' performance varies by task.* Poster presented at the Biennial Meeting of the Society for Research in Child Development (SRCD), Atlanta, GA.

Longo, M. R., & **Lourenco, S. F.** (2004, April). *Extension of peripersonal space through tool use.* Poster presented at the Annual Meeting of the Cognitive Neuroscience Society (CNS), San Francisco, CA.

Lourenco, S. F., Huttenlocher, J., & Vasilyeva, M. (2003, October). *Toddlers' representations of space: The role of viewer perspective.* Poster presented at the Biennial Meeting of the Cognitive Development Society (CDS), Park City, UT.

Lourenco, S. F., Liebermann, D., & Zelazo, P. D. (2003, October). *Acquiring a dual representation of pictures: Do preschoolers differentiate between content and form?* Poster presented at the Biennial Meeting of the Cognitive Development Society (CDS), Park City, UT.

Wagner, S., & **Lourenco, S. F.** (2003, April). *Hands on learning: When do children pay attention to teachers' hands?* Poster presented at the Biennial Meeting of the Society for Research in Child Development (SRCD), Tampa, FL.

Lourenco, S. F., & Huttenlocher, J. (2001, October). *Spatial cognitive development: A way to the child's mind?* Paper presented at the Biennial Meeting of the Cognitive Developmental Society (CDS), Virginia Beach, VA.

Jacques, S., & **Lourenco, S. F.** (2001, October). *The role of contrastive information in the effectiveness of labels inducing flexible thinking.* Poster presented at the Biennial Meeting of the Cognitive Development Society (CDS), Virginia Beach, VA.

Lourenco, S. F., & Zelazo, P. D. (2001, April). *Preschoolers' sensitivity to the content and formal properties of pictures: Acquiring a dual representation*. Poster presented at the Biennial Meeting of the Society for Research in Child Development (SRCD), Minneapolis, MN.

Lourenco, S. F., Zimmerman, S., & Lojkasek, M. (2000, June). *Shame and guilt during reunion episodes of the Strange Situation*. Paper presented at the 26th Annual Harvey Stancer Research Day, Toronto, ON, Canada.

Lourenco, S. F. (2000, April). *Preschoolers' sensitivity to the content and formal properties of pictures: Acquiring a dual representation*. Paper presented at 30th Psychology Undergraduate Thesis Conference, Guelph, ON, Canada.

Jacques, S., **Lourenco, S. F., & Zelazo, P. D.** (1999, October). *Language, abstraction, and cognitive flexibility*. Poster presented at the First Meeting of the Cognitive Development Society (CDS), Chapel Hill, NC. [See on-line abstract from www.cogdevsoc.org/postrabs.html.]

Marcovitch, S., Zelazo, P. D., McDonald, R. J., & **Lourenco, S. F.** (1999, October). *The effect of number of trials on rats' performance on the Morris water maze*. Poster presented at the First Meeting of the Cognitive Development Society (CDS), Chapel Hill, NC. [See on-line abstract from www.cogdevsoc.org/postrabs.html.]

Lourenco, S. F., Lojkasek, M., Zimmerman, S., Attoe, L., & Webster, K. (1999, June). *Labelling of infant feeling states and use of shame/guilt by mothers during reunion episodes of the Strange Situation*. Poster presented at the 25th Annual Harvey Stancer Research Day, Toronto, ON, Canada.

Zimmerman, S., Lojkasek, M., Webster, K., **Lourenco, S. F., & Attoe, L.** (1999, June). *Content and style of maternal language during reunion episodes of the Strange Situation*. Poster presented at the 25th Annual Harvey Stancer Research Day, Toronto, ON, Canada.

INVITED COLLOQUIA

Lourenco, S. F., Fabian, L., & Huttenlocher, J. (2007, May). *Early Sex Differences in Weighting Geometric Cues*. Talk given at Michigan Tech University.

Lourenco, S. F. (2006, February). *Using geometry to determine location: Implications for spatial coding in young children*. Talk given in the Department of Psychology, Emory University.

Lourenco, S. F. (2006, January). *Using geometry to determine location: Implications for spatial coding in young children*. Talk given in the Department of Psychology, Indiana University.

Lourenco, S. F. (2005, December). *Using geometry to determine location: Implications for spatial coding*. Talk given at the Institute of Child Development, University of Minnesota.

Lourenco, S. F. (2005, December). *Using geometry to determine location: Implications for spatial coding*. Talk given in the Department of Psychology, University of Delaware.

OTHER RESEARCH EXPERIENCE

Institutional Review Board (IRB) Coordinator, Huttenlocher Lab, Department of Psychology,
(August 2004 – June 2006)

Research Assistant, Center for Early Childhood Research, Department of Psychology, University
of Chicago (August 2001 – September 2004); Supervisor: Janellen Huttenlocher

TEACHING EXPERIENCE

Instructor, Department of Psychology, Emory University
Core Seminar in Perceptual Cognition (co-taught with Lynne Nygaard), Spring 2007

Instructor, Department of Psychology, University of Chicago
Spatial Cognition: A Developmental Perspective, Spring 2006

Guest Lecturer, Department of Psychology, University of Chicago
**Cognitive Development, Spring 2003 and 2005, “The Development of Executive
Function”**

Teaching Assistant, Department of Psychology, University of Chicago
Mental Representation (Graduate Course), Winter 2005, Instructor: Janellen
Huttenlocher

Experimental Design (Statistics for Graduate Students), Winter 2004, Instructor:
Steven Shevell

Introduction to Developmental Psychology, Fall 2003, Instructors: Susan Goldin-
Meadow and Sydney Hans; **Fall 2002**, Instructors: Susan Levine and Sydney Hans

Cognitive Development, Spring 2003 and 2005, Instructor: Janellen Huttenlocher

Teaching Assistant, Social Sciences Division, University of Chicago
MIND: Dimensions of Individual Behavior, Fall 2004, Instructor: Dr. Martha
McClintock

SERVICE

Ad Hoc Reviewer

*Animal Cognition, Cognition, Cognitive Development, Journal of Experimental Biology,
Journal of Experimental Psychology: General, Psychological Science, Psychonomic
Bulletin & Review*

Committee for Psychology Festschrift (Janellen Huttenlocher)
Student group (2005)

Psychology Graduate Student Organization (PGSO), University of Chicago

Organizer, Conversations on Professional Development Series, 2004 – 2005

Organizer, Prospective Students Weekend, 2001 – 2002

REFERENCES

Janellen Huttenlocher

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Bennett Bertenthal

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Philip David Zelazo

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Canada Research Chair in Developmental Neuroscience
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