

Stella Christie

CONTACT INFORMATION	University of British Columbia Department of Psychology 2136 West Mall Vancouver, BC V6T 1Z4, Canada	<i>Phone:</i> +1 (778) 867-9674 <i>E-mail:</i> christie@psych.ubc.ca
BIOGRAPHICAL	Date and place of birth: 11 January 1979, Medan, Indonesia Citizenship: Indonesian	
LANGUAGES	Indonesian (native); Chinese, Polish, Spanish, Malay (fluent)	
RESEARCH INTERESTS	<ul style="list-style-type: none">• Comparison processes in the acquisition of relational concepts• Language as a cognitive toolkit in relational learning and abstraction• Language typology and its effects on cognition• Comparison processes in social and cultural learning	
EMPLOYMENT	University of British Columbia , Vancouver, Canada Postdoctoral Research and Teaching Fellow Collaborators: Geoffrey Hall, Janet Werker Research in language acquisition and learning mechanisms Instructor for three undergraduate courses per year	
EDUCATION	Northwestern University , Evanston, Illinois, USA Ph.D. in Cognitive Psychology, 2010 Thesis: <i>How Simple is Same: The Relational Match to Sample Task in Children</i> Advisor: Dedre Gentner Psychology Department Teaching Certificate Harvard University , Cambridge, Massachusetts, USA B.A. in Psychology Magna Cum Laude with Highest Honors, 2004 Honors Thesis: <i>Infants' Knowledge of Structure-Function Correlation</i> Advisor: Elizabeth Spelke Certificate in Mind Brain Behavior Citation in Modern Chinese Fudan University , Shanghai, China Harvard-Yenching Fellow 2002-2003 One-year non-degree program in Chinese history and literature	
PUBLICATIONS	Book Chapter Christie, S. & Gentner, D. Development of language and thought. (In press). In: Spivey, M., McRae, K., & Joanisse, M. (Eds.) <i>Cambridge Handbook of Psycholinguistics</i> , Cambridge University Press.	

Journal Articles

- Christie, S. & Gentner, D. (2010). Where hypotheses come from: Learning new relations by structural alignment. *Journal of Cognition and Development, 11*(3), 356-373. **2010 Editor's Choice Award for Best Article.**
- Gentner, D. & Christie, S. (2010). Mutual bootstrapping between language and analogical processing. *Language and Cognition, 2*(2), 261-283.
- Hespos, S.J., Dora, B., Rips, L.J. & Christie, S. Infants make quantity discriminations for substances. *Child Development* (in press).
- Gentner, D. & Christie, S. (2008). Relational language supports relational cognition in humans and apes. *Brain and Behavioral Science, 31*, 2.
- Mast, F.W., Ganis, G., Christie, S. & Kosslyn, S.M. (2003). Four types of mental imagery processing in upright and tilted observers. *Cognitive Brain Research, 17*, 209-213.

Refereed Conference Proceedings

- Christie, S. & Gentner, D. (2007). Relational similarity in identity relation: The role of language. In Vosniadou, S. & Kayser, D. (Eds.) *Proceedings of the Second European Cognitive Science Conference*.
- Gentner, D. & Christie, S. (2006). Using numbers to structure space. In Sun, R. & Miyake, N. (Eds.) *Proceedings of the Twenty-Eight Annual meeting of the Cognitive Science Society*.
- Jameson, J. Gentner, D., Day, S., Christie, S. Colhoun, J. & Bartels, D. (2005). Clarifying the role of alignability in similarity comparisons. In Bruno, B.G., Barsalou, L. & Bucciarelli, M. (Eds.) *Proceedings of the Twenty-Seventh Annual meeting of the Cognitive Science Society*, 1048-1053.

Manuscripts in Preparation or Under Review

- Christie, S., Gentner, D., & Goldin-Meadow, S. Language and thought in cognitive Development. *Under review*.
- Christie, S. & Gentner, D. Sameness is not simple: relational-match-to-sample task in children.
- Christie, S. & Gentner, D. Language systematicity supports relational abstraction.
- Christie, S., Gentner, D., Call, J., & Haun, D. Who is smarter?: Children are more concrete than apes.
- Christie, S., Gentner, D., & Braun, K. Typology of Similarity.
- Christie, S., & Hall, D.G. Comparison effects in social preference.
- Christie, S., Markson, L. & Spelke, E.S. Inferring structure from observation of function.

CONFERENCE PRESENTATIONS

- Christie, S. & Gentner, D. (2011). *Mechanisms of Language in Relational Abstraction*. Paper presented at the VII Biennial Meeting of Cognitive Development Society, Philadelphia, PA, USA.
- Symposium organizer.** *Comparing Comparisons: Does Comparison Learning Vary Across Domains?* 2011 VII Biennial Meeting of Cognitive Development Society, Philadelphia, PA, USA.
- Christie, S. & Gentner, D. (2009). *Relational Learning From Multiple Exemplars: The Role of Alignment*. Paper presented at the VI Biennial Meeting of Cognitive

Development Society, San Antonio, Texas, USA.

Symposium organizer. *Mechanisms of learning from multiple exemplars: Alignment and explanation.* 2009 VI Biennial Meeting of Cognitive Development Society, San Antonio, Texas, USA

Gentner, D. & Christie, S. (2009). *Comparison Supports Children's Learning of New Spatial Relational Categories.* Paper presented at the Biennial Meeting of Society for Research in Child Development, Denver, Colorado, USA.

Christie, S. & Gentner, D. (2009). *Language and Progressive Alignment in Development of Relational Ability.* Poster presented at the Biennial Meeting of Society for Research in Child Development, Denver, Colorado, USA.

Dora, B., Hespos, S.J., Rips, L. & Christie, S. (2009). *Infants Make Quantity Discriminations for Substances.* Poster presented at the Biennial Meeting of Society for Research in Child Development, Denver, Colorado, USA.

Christie, S. & Gentner, D. (2008). *Language Systematicity Supports Spatial Mapping.* Poster presented at the International Conference of Spatial Cognition, Freiburg, Germany.

Christie, S. & Gentner, D. (2008). *Early Relational Similarity.* Paper presented at the International Conference of Cognitive Science, Moscow, Russia.

Christie, S. & Gentner, D., & Sloutsky, V. (2008). *Process of Comparison: Words vs NonWords.* Poster presented at the Annual Meeting of the Cognitive Science Society.

Christie, S., & Gentner, D. Anggoro, F., Namy, L. (2007). *Comparison in Relational Learning.* Paper presented at the 5th Conference of the Cognitive Development Society, Santa Fe, New Mexico, USA.

Gentner, D. & Christie, S. (2007). *What's Special About Humans.* Invited paper for workshop *The Role of Analogy in Thought and Learning*, Iowa Center for Developmental and Learning Sciences, University of Iowa, Iowa City, USA.

Gentner, D. & Christie, S. (2007). *Learning Novel Relations via Comparison.* Paper presented at the Conference of European Cognitive Science, Delphi, Greece.

Christie, S., & Gentner, D. (2007) *Relational Similarity in Identity Relation: The Role of Language.* Paper presented at the Conference of European Cognitive Science, Delphi, Greece.

Colhoun, J., Christie, S., Gentner, D. (2007). *Comparison in Learning.* Paper presented at the AERA Conference, Chicago, Illinois, USA.

Christie, S. Markson, L. Crisp, J. & Romberg, A. (2006). *Learning about artifacts and their functions in infancy.* Poster presented at the International Conference of Infant Studies, Kyoto, Japan.

Gentner, D. & Christie, S. (2006). *Using numbers to structure space.* Paper presented at the Twenty-Eighth Annual Meeting of the Cognitive Science Society, Vancouver, Canada.

Christie, S. & Gentner, D. (2005). *Language highlights relational structure.* Poster presented at the Cognitive Development Society Conference, San Diego, California, USA.

Christie, S., Markson, L. & Spelke, E.S. (2005). *18-month-olds' understanding of structure-function correlation.* Poster presented at the Biennial Meeting of Society for Research in Child Development, Atlanta, Georgia, USA.

Markson, L., Christie, S. & Spelke, E.S. (2004). *Rapid learning about objects in infancy.* Poster presented at the International Conference of Infant Studies, Chicago,

Illinois, USA.

TEACHING
EXPERIENCE

University of British Columbia, Vancouver, British Columbia, Canada

Instructor:

- Introductory Psychology I Spring 2011
- Introductory Psychology II Spring 2011
- Infancy Fall 2010

Undergraduate Mentorship:

- Honors Thesis 2010-2012
Virginie Cousineau
- Independent Study 2010-2012
Freeman Wu
- Research Volunteers 2011-2012
Rachelle Kay Lim, Rebecca Ferguson

Northwestern University, Evanston, Illinois, USA

Co-Instructor:

- Independent Study Spring 2010, Fall, Spring & Winter 2009
- Advanced Supervised Research Fall 2008

Guest Lecturer:

- Introduction to Cognitive Science
Introduction to Language and Cognition Spring 2009
Cognitive Development Winter 2008
- Introductory Psychology
Introduction to Developmental Psychology Fall 2005
- Language and Thought
Language and Cognition from A Comparative Perspective Spring 2004

Teaching Assistant:

- Introduction to Cognitive Science Spring 2009, Spring & Winter 2008
- Introductory Psychology Fall 2005
- Language and Thought Spring 2005
- Personality Psychology Winter 2004

Section Instructor:

- Language and The Brain Spring 2006

Undergraduate Mentorship:

- Psychology Benton J. Underwood Fellowship (\$3000)
Sally Martinez, Reina Uchino 2008, 2009
- Project on Children's Thinking Internship
Hannah Guion, Azmina Lakhani, Sally Martinez, Rachel Ryskin, Reina Uchino
2006-2010
- National Science Foundation Research Experience for Undergraduates
Graduate student mentor and coordinator 2005

FELLOWSHIPS
AND AWARDS

Fellowships

Postdoctoral Research and Teaching Fellowship - University of British Columbia, 2010-2012

Cognitive Science Graduate Fellowship - Northwestern University, 2006-2007

Harvard-Yenching Fellowship (full funding for one year study abroad at Fudan University), 2002-2003

Harvard College Undergraduate Research Fellowship, 2001-2002

Awards

Journal of Cognition and Development's Editor's Choice Award, 2010

Travel Grant - International Conference of Cognitive Science, Moscow, Russia, 2008

Early Career Researcher Travel Grant - International Society of Infant Studies, 2006

Conference Travel Award - Cognitive Science Society, 2005

Graduate Travel Award - Northwestern University, 2005

Psychology Thesis Prize - Harvard University, 2004

Jerome Kagan Undergraduate Research Award for Outstanding Thesis - Harvard University, 2004

Harvard College Undergraduate Research Fellowship, 2001-2002

John Harvard Scholarship - Harvard University, 1999, 2001, 2004

PROFESSIONAL
SERVICE

Ad-Hoc Reviewer

British Journal of Developmental Psychology

Cognitive Development

Journal of Comparative Psychology

Journal of Cognition and Development

Language, Learning, and Development

Psychological Science

Conference Reviewer

Cognitive Science Conference