

Angela Nyhout

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University of Toronto

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EDUCATION

Ph.D. in Psychology, University of Waterloo 2015
B.Sc, Honours, Psychology and Physiology, University of Western Ontario 2007

PROFESSIONAL EXPERIENCE

SSHRC Postdoctoral Fellow, University of Toronto May 2017-Present
(Parental leave: 2018-2019)
Postdoctoral Fellow, Institute of Child Study, University of Toronto Oct 2015-May 2017
Research Intern, Higher Education Quality Council of Ontario May-Sept 2015

RESEARCH EXPERIENCE

Visiting Postgraduate Researcher, Department of Psychology, University of Sheffield 2008-2009
Research Assistant, Educational and Counselling Psychology, McGill University 2008
Research Assistant, Department of Psychology, University of Western Ontario 2008

TEACHING CERTIFICATES

Certificate in University Teaching, University of Waterloo 2014
Fundamentals of University Teaching, University of Waterloo 2011

AWARDS AND HONOURS

1. Society for Research in Child Development Travel Award (\$500USD) 2017
2. International Convention on Psychological Science Travel Award (\$350USD) 2017
3. J. Albrecht Outstanding Young Scientist Award, Society for Text & Discourse (\$150USD) 2015
4. Society for Text & Discourse Travel Award (\$500USD) 2015
5. Development 2014 Travel Award (\$200CAD) 2014
6. Best Student Paper on a Cognitive Science Topic – Cognitive Science Society (\$250USD) 2013
7. Computational Models of Narrative Travel Award (\$1,250USD) 2013
8. SRCD Student Travel Award (\$300USD) 2013

RESEARCH GRANTS & FUNDING *All amounts are in Canadian dollars*

1. **SSHRC Postdoctoral Fellowship Award (\$81,000)** 2017-2019
Project: *Informal contexts for supporting children's ability to control variables in the service of scientific inquiry.*
2. **Co-PI, SSHRC Connection Grant (\$8,754)** 2016
Project: *Interdisciplinary Workshop on Counterfactual Reasoning*
3. President's Graduate Scholarship (\$10,000) 2014-2015
4. Ontario Graduate Scholarship (\$15,000) 2014-2015
5. Language Learning Dissertation Grant (\$2198) 2014
6. Ontario Graduate Scholarship (\$15,000) 2012-2013
7. University of Waterloo Graduate Scholarships (\$30,000) 2010-2012
8. Psychology Memorial Fund Scholarship (\$750) 2011
9. Provost Doctoral Scholarship for Women (\$5000) 2010

PUBLICATIONS *Student supervisees are underlined>*

Peer-Reviewed Journal Articles

Nyhout, A. & Ganea, P.A. (2019). Mature counterfactual reasoning in 4- and 5-year-olds. *Cognition*, 183, 57-66.

O'Neill, D.K., Deglinc, T., McKinley, A., **Nyhout, A.**, Scott, J. (in press). Busy Toy Designs Reduce the Clarity of Mothers' References to Toy Parts During Toy Play with their Toddlers. *Canadian Journal of Speech-Language Pathology & Audiology*.

Strouse, G.A., **Nyhout, A.**, & Ganea, P.A. (2018). The Role of Book Features in Young Children's Transfer of Information from Picture Books to Real-World Contexts. *Frontiers in Psychology*, 9:50.

Nyhout, A., Henke, L., & Ganea, P.A. (2017). Children's counterfactual reasoning about causally overdetermined events. *Child Development*.

Nyhout, A. & O'Neill, D. K. (2017). Children's enactment of characters' movements: A novel measure of spatial situation model representations and predictor of comprehension. *Mind, Brain, and Education*, 11, 112-120.

Nyhout, A., Fecica, A.M., O'Neill, D.K. (2015). Getting lost in a book: The science of reading comprehension. *Frontiers for Young Minds*, 3:15.

Nyhout, A., & O'Neill, D.K. (2014). Storybooks aren't just for fun: Narrative and non-narrative picture books foster equal amounts of generic language during mother-toddler book sharing. *Frontiers in Psychology*, 5, 325.

Nyhout, A. & O'Neill, D. K. (2013). Mother's complex talk when sharing books with their toddlers: Book genre matters. *First Language*, 33, 115-131.

Nyhout, A. & O'Neill, D. K. (2013). Constructing spatial representations from narratives and non-narrative descriptions: Evidence from 7-year-olds. *OASICS-Open Access Series in Informatics*, 32, 158-165.

Book Chapters

Walker, C.M., & **Nyhout, A.** (in press). Asking "why?" and "what if?": The influence of questions on children's inferences. In L.P. Butler, S. Ronfard, & K.H. Corriveau (Eds.), *The Questioning Child: Insights from Psychology and Education*. Cambridge: Cambridge University Press.

Nyhout, A. & Ganea, P.A. (2018). Symbolic representation. *The SAGE Encyclopedia of Lifespan Human Development*.

Writing on Teaching

Nyhout, A. (2014). Teaching with confidence. *Teaching Innovation Projects*, 4:2, Article 4.

Nyhout, A. (2014). Storytelling as a teaching tool. *CTE Blog*: <https://cte-blog.uwaterloo.ca/?p=4658>

CONFERENCES *Student supervisees are underlined*

Conference Organization

Interdisciplinary Workshop on Counterfactual Reasoning, University of Toronto, November 2016
Arts Graduate Student Research Conference, University of Waterloo, April 2012

Conference Paper Presentations

Walker, C.M., Goel, D., **Nyhout, A.**, & Ganea, P.A. (2019, March). Evidence for early recognition of inconclusive data in children's evaluation of evidence. Paper to be presented at the Society for Research in Child Development Biennial Meeting, Baltimore, MD.

Nyhout, A. & Ganea, P.A. (2018, May). Mature counterfactual reasoning in 4- and 5-year-olds. Paper presented at Development 2018, St. Catharines, ON.

Nyhout, A., Henke, L., Saini, K., & Ganea, P.A. (2016, November). Thinking about causal dependence in counterfactuals. Paper presented at the Interdisciplinary Workshop on Counterfactual Reasoning, Toronto, Canada.

Venkadasalam, P.V., **Nyhout, A.**, Ganea, P.A. (2016, September). Features of picture books that promote early science learning. Paper presented at the International Mind, Brain, and Education Society Conference, Toronto, Canada.

Nyhout, A. & O'Neill, D. K. (2015, July). Stepping into narrative worlds: Children's construction of spatial situation models of narratives. Paper presented at 25th Annual Meeting of the Society for Text and Discourse, Minneapolis, MN.

- Nyhout, A.** & O'Neill, D. K. (2014, May). Imagining story spaces: Young readers' ability to construct representations of narrative and non-narratives spaces. Paper presented at Development 2014: A Canadian Conference on Developmental Psychology, Ottawa, Canada.
- Nyhout, A.** & O'Neill, D. K. (2013, August). Constructing spatial representations from narratives and non-narrative descriptions: Evidence from 7-year-olds. Paper presented at the Computational Models of Narrative Workshop, Hamburg, Germany.
- Nyhout, A.** & O'Neill, D. K. (2013, April). Mother's complex talk when sharing books with their toddlers: Book genre matters. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Seattle, WA.

Conference Poster Presentations

- Nyhout, A.** & Ganea, P.A. (2019, March). Children's causal and counterfactual thinking about the same events. Poster to be presented at the Society for Research in Child Development Biennial Meeting, Baltimore, MD.
- Sweatman, H., **Nyhout, A.**, & Ganea, P.A. (2018, May). 6- and 7-year-olds show complex counterfactual thinking on a natural science task. Poster presented at Development 2018, St. Catharine's, ON.
- Iannuzziello, A., **Nyhout, A.**, Walker, C.M., & Ganea, P.A. (2018, May). Does Exposure to 'What if' Scenarios During Controlled Experimentation Promote Children to Engage in Proper Scientific Reasoning? Poster presented at Development 2018, St. Catharine's, ON.
- Nyhout, A.** & Ganea, P.A. (2017, October). Sophisticated counterfactual reasoning in 4- and 5-year-olds. Poster presented at Cognitive Development Society, Portland, OR.
- Larsen, E.N., **Nyhout, A.**, Ganea, P.A. (2017, October). Children's understanding of the communicative intentions of storytelling. Poster presented at Cognitive Development Society, Portland, OR.
- Nyhout, A.** & Ganea, P.A. (2017, April). Using counterfactual reasoning to support children's understanding of planetary habitability. Poster presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.
- Nyhout, A.**, Henke, L., Saini, K., & Ganea, P.A. (2017, April). Children take existing causal relationships into account when reasoning counterfactually. Poster presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.
- Sribaskaran, L., **Nyhout, A.**, & O'Neill, D.K. (2017, April). Does picture book genre influence children's subsequent learning of a scientific concept? Poster presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.
- Nyhout, A.** & Ganea, P.A. (2017, March). Engaging children in counterfactual thinking supports their understanding of planetary habitability. Poster presented at the International Convention of Psychological Science, Vienna, Austria.
- Nyhout, A.** & O'Neill, D.K. (2015, October). Children's spontaneous representation of space and goal information when listening to narratives. Poster presented at Cognitive Development Society 2015, Columbus, OH.
- Nyhout, A.** & Cheung, M.P. (2014, July). What's the learning potential of children's picture books? A content analysis of one type of naturalistic input. Poster presented at the 36th Annual Cognitive Science Conference, Quebec City, Canada.

- Cheung, M.P., **Nyhout, A.**, & Nauth, R. (2014, May). What's on the bookshelf? A content analysis of children's storybooks. Poster presented at Development 2014, Ottawa, Canada.
- Garland, S.J., **Nyhout, A.**, & O'Neill, D.K. (2014, May). Children's enactment of story character movements as a measure of their representation of story spaces and its relation to narrative comprehension. Poster presented at Development 2014, Ottawa, Canada.
- Nyhout, A.**, & O'Neill, D.K. (2012, June). The influence of book features on language use during mother-toddler book sharing. Poster presented at Head Start's National Research Conference, Washington, DC.
- Nyhout, A.**, & O'Neill, D.K. (2012, June). Narratives foster more complex language during mother-toddler book sharing. Poster presented at 43rd Annual Meeting of The Jean Piaget Society, Toronto, ON.
- Nyhout, A.**, & O'Neill, D.K. (2011, July). Abstract language use during mother-toddler book sharing: A comparison of storybook and vocabulary book genres. Poster presented at the 12th Congress of the International Association for the Study of Child Language, Montreal, QC.
- Nyhout, A.**, & O'Neill, D.K. (2011, June). Maternal abstract talk during book reading. Poster presented at The Canadian Psychological Association 72nd Annual Convention, Toronto, ON.

Chaired Symposia

- Caza, J., & **Nyhout, A.** (2018, May). Children's Hypothetical Thinking. Chair and co-organizer of symposium held at Development 2018, St. Catharine's, ON.
- Nyhout, A.** (2016, September). Factors supporting children's early, informal science learning. Chair and organizer of symposium panel held at the Conference of the International Mind, Brain, and Education Society, Toronto, Canada.
- Nyhout, A.** (2014, May). Children's engagement in imaginative worlds. Chair and Organizer of symposium held at Development 2014: A Canadian Conference on Developmental Psychology, Ottawa, Canada.

INSTRUCTOR AND COURSE-DEVELOPER

Language Acquisition (70 students) Department of Psychology, University of Toronto Mississauga	2017
Language Acquisition (45 students) Department of Psychology, University of Toronto Mississauga	2016
Research Methods in Developmental Psychology (16 students) Department of Psychology, University of Waterloo	2013

GUEST LECTURING

Graduate Courses

- Cognitive Development, University of Toronto (23 students) – November 2018
- Imagination, Reasoning, and Learning, University of Toronto (20 students) – November 2016
- Symbolic Development and Learning, University of Toronto (12 students) – June 2016
- Child Study, University of Toronto (75 students) – January 2016

Undergraduate Courses

Pragmatic Language Development, University of Waterloo (45 students) – March 2015

Language Development, University of Waterloo (100 students) – October 2014, October 2012

Cognitive Development, University of Waterloo (80 students) – November 2012, November 2013

Teaching Assistant (2009-2015), Department of Psychology, University of Waterloo

Developmental Psychology (300 students); Learning Disabilities (150 students); Cognitive Development (80 students); Pragmatic Language Development (45 students); Language Development (100 students); Research Methods (20 students)

TEACHING DEVELOPMENT EXPERIENCE

Graduate Instructional Developer Centre for Teaching Excellence, University of Waterloo 2013-2014

Workshop Facilitator Centre for Teaching Excellence, University of Waterloo 2013

MENTORING EXPERIENCE

Graduate students (co-supervised)

Alana Iannuzziello, Masters in Child Study and Education, University of Toronto, 2016-2018

Luxsiha Sribaskaran, Masters in Developmental Communication Sciences, University of Waterloo, 2015-2016

Undergraduate thesis students

Lena Henke, Honours Thesis, University of Osnabruck, 2016

Undergraduate students

Noshin Ullah, Research Opportunity Program Student, University of Toronto, 2017-2018

Hilary Sweatman, Research Opportunity Program Student, University of Toronto, 2016-2017

Lynn Nguyen, Research Opportunity Program Student, University of Toronto, 2016-2017

Thahmina Rahman, Research Opportunity Program Student, University of Toronto, Summer 2016

Honey Zafar, Research Opportunity Program Student, University of Toronto, Summer 2016

Maggie Hong, Research Opportunity Program Student, University of Toronto, 2015-2016

Sarah-Jane Garland, University of Waterloo, 2013-2014

Reba Nauth, University of Waterloo, 2012-2014

UNIVERSITY SERVICE AND LEADERSHIP

Councillor, Psychology, Graduate Student Association, University of Waterloo 2011-2013

Committee Member, Teaching Assistant Task Force, Gender & Family Issues 2011-2013

Co-Founder, The Mind Society (Cognitive Science Society), University of Waterloo 2012

President, Graduate Association of Students in Psychology, University of Waterloo 2011-2012

Vice President, Graduate Association of Students in Psychology, University of Waterloo 2010-2011

PUBLIC DISSEMINATION AND OUTREACH

Children's learning of science concepts and inquiry skills – ResearchLive! Symposium Presentation at the Ontario Science Centre (December 2017)

How do children develop language and thinking skills? – Interactive booths for families, Science Rendezvous, University of Toronto (May 2017)

Can you learn words as well as a baby can? (April 2017) & *What are science misconceptions* (April 2016) – Interactive booths for youth, Let's Talk Science Fun Fair, University of Toronto

What is Developmental Psychology? - Workshop for high school students in the Summer Mentorship Program for underrepresented youth (July 2016)

The Toddler's Bookshelf: The role of picture books in parent-child interactions and children's learning - Workshop delivered at "Living Literacy Throughout the Day" Conference (October 2014)

Storytelling in Social Media - Moderator for Social Media Breakfast Waterloo Region Panel (April 2014)

The Impact of Modern Media on Children's Development (November 2013) & *Introduction to Developmental Psychology* (August 2013) – Lectures for Waterloo Heights Retirement Home residents

Children's Storytelling & Story Understanding - Workshop for Early Literacy Specialists (July 2013)

PROFESSIONAL MEMBERSHIPS

Cognitive Development Society, Cognitive Science Society, International Mind, Brain, & Education Society, Society for Research in Child Development, Society for Text and Discourse, Society for the Teaching of Psychology

AD HOC REVIEWER

Child Development, Cognitive Development, Developmental Psychology, Developmental Science, Educational Psychology Review, First Language, Frontiers in Psychology, Journal of Cognition and Development, Journal of Experimental Child Psychology