

# Rebecca Frausel

## curriculum vitae

The University of Chicago  
 Department of Comparative Human Development  
 Social Sciences Research Building, Office 103  
 1126 East 59<sup>th</sup> Street  
 Chicago, IL 60637

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### Research Interests

- Narrative in educational contexts
- Cognitive and socio-emotional development
- Parent-child interactions
- Development of pretend play
- Self-identity and life-story

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### Education

#### **Ph.D., Comparative Human Development**

*Expected August 2018*

The University of Chicago (Chicago, IL)

*Dissertation:* The Effect of Speech Context on Parents' and Children's Use of Higher-Order Thinking

Dissertation Director: Lindsey Richland

Committee Members: Susan Goldin-Meadow, Susan Levine, Jennifer Kubota

#### **M.A., Comparative Human Development**

*December 2014*

The University of Chicago (Chicago, IL)

*M.A. Thesis:* Higher-Order Thinking During Narrative and Pretend in Early Parent-Child Interactions

Advisor: Lindsey Richland

#### **B.A., Psychology & English, with distinction, *summa cum laude***

*May 2011*

University of Colorado Boulder (Boulder, CO)

*Psychology Honors Thesis:* Relationship Between Count/Mass Nouns and Shape/Material Biases in Novel Word-Learning Tasks

Advisor: Eliana Colunga

*English Honors Thesis:* The Constructive Imagination: *Life of Pi*, Historiography, and Psychotherapy

Advisor: Karen Jacobs

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### Research Experience

#### **Graduate Student Research Assistant**

*October 2012–present*

Learning Lab, Department of Comparative Human Development

The University of Chicago (Chicago, IL)

Supervisor: Lindsey Richland

#### **Lab Coordinator**

*June 2011–August 2012*

DACS Lab, Department of Psychology and Neuroscience

University of Colorado Boulder (Boulder, CO)

Supervisor: Eliana Colunga

**Undergraduate Research Assistant***August 2009–May 2011*

DACS Lab, Department of Psychology and Neuroscience  
 University of Colorado Boulder (Boulder, CO)  
 Supervisor: Eliana Colunga

## Teaching Experience

**Instructor** (The University of Chicago)

- Mind II (SOSC 14200) *Winter 2016*

**Teaching Assistant** (The University of Chicago)

- Applied Statistics in Human Development Research (CHDV 20101/30101) *Fall 2015, Fall 2016*
- Intro to Human Development (CHDV 20000) *Fall 2015*
- Developmental Psychology: Theories/Techniques (PSYC 21650) *Summer 2015*
- Intern for Mind (SOSC 14100-14200-14300) *Fall 2014, Winter 2015, Spring 2015*

**Writing Tutor** (The University of Chicago)*Fall 2014–Winter 2015*

## Publications &amp; Papers

**Frausel, R.**, & Kubota, J., (in prep). Effects of a classroom storytelling intervention on high school students' feelings of empathy and classroom climate.

**Frausel, R.**, Simms, N., & Richland, L. (in prep). The effect of socialized attention to relations on the development of children's analogical reasoning from 5-11 years.

Simms, N., **Frausel, R.**, & Richland, L. (in prep). The role of executive function on the development of children's analogical reasoning from 5-11 years.

Richland, L. & **Frausel, R.** (in press). Rethinking Kids' Ability to Learn Math at an Early Age. In E. Näslund-Hadley and R. Bando (Eds), *The Death of Rote Memorization: Early Grade Math and Science Learning in Latin America and the Caribbean*. Washington, DC: Inter-American Development Bank.

Richland, L., Begolli, K., **Frausel, R.**, Lyons, E., & Simms, N. (2016). Cognitive Insights into Supporting Mathematical Discussions. *Educational Psychology Review*. DOI: [10.1007/s10648-016-9382-2](https://doi.org/10.1007/s10648-016-9382-2)

Richland, L., **Frausel, R.** & Begolli, K. (2016). Cognitive development. *The SAGE Encyclopedia of Theory in Psychology*, 143-146. DOI: [10.4135/9781483346274.n50](https://doi.org/10.4135/9781483346274.n50)

## Conference Talks

Lyons, E., Simms, N., **Frausel, R.**, Begolli, K., & Richland, L. (2017). Linguistic context matters for reasoning: Prompts to heighten! anxiety can reduce mathematical schema formation and retention. Paper to be presented at the Society for Research in Child Development Biannual Conference in Austin, TX from April 6-8, 2017.

Simms, N., Richland, L. & **Frausel, R.** (2017). Social supports for relational orientation and analogical reasoning. Paper to be presented at the Society for Research in Child Development Biannual Conference in Austin, TX from April 6-8, 2017.

Simms, N., **Frausel, R.**, & Richland, L. (2016) Social Supports for Relational Reasoning. Paper to be presented by 1<sup>st</sup> author at the International Conference on Thinking in Providence, RI from August 4-6, 2016.

Lyons, E., Simms, N., **Frausel, R.**, Begolli, K., & Richland, L. (2016). Relational Reasoning and Stereotype Threat: Implications for Learning Outcomes. Paper presented by 1<sup>st</sup> author at the American Educational Research Association Annual Conference in Washington, D.C. from April 8-12, 2016.

**Frausel, R.** & Richland, L. (2015). Individual Differences in Executive Function and Analogical Reasoning. Paper presented at the American Educational Research Association Annual Conference in Chicago, IL from April 16-20, 2015.

**Frausel, R.**, Freeman, C., Richland, L., & Goldin-Meadow, S. (2015). Higher-Order Thinking During Narrative and Pretend in Early Parent-Child Interactions. Paper presented at the American Educational Research Association Annual Conference in Chicago, IL from April 16-20, 2015.

Richland, L., Begolli, K., & **Frausel, R.** (2015). Relational Reasoning in STEM Domains: What Empirical Research Can Contribute to the National Dialogue. Paper presented by 1<sup>st</sup> author at the American Educational Research Association Annual Conference in Chicago, IL from April 16-20, 2015.

Freeman, C., **Frausel, R.**, Richland, L., Levine, S. & Goldin-Meadow, S. (2015). Relational and Higher-Order Thinking in Early Parent-Child Talk. Paper presented by 1<sup>st</sup> author at the Society for Research in Child Development Biannual Conference in Philadelphia, Pennsylvania from March 19-21, 2015.

**Frausel, R.**, Simms, N., & Richland, L. (2015). Contributions of Executive Functions and Parental Input on Children's Analogical Reasoning. Paper presented at the Society for Research in Child Development Biannual Conference in Philadelphia, Pennsylvania from March 19-21, 2015.

**Frausel, R.** & Freeman, C. (2014). The Role of Gesture in Higher Order Thinking. Paper presented at the Sixth Conference of the Society for Gesture Studies in San Diego, CA from July 8-11, 2014.

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#### Poster Presentations

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**Frausel, R.**, Brown, A., Richland, L., Levine, S., Goldin-Meadow, S. (2016). From Here and Now to There and Then: Parent and Child Gesture Use During Narrative and Pretend.

Poster presented at the Seventh Conference of the International Society for Gesture Studies in Paris, France from July 18-22, 2016.

**Frausel, R.**, Silvey, C., Demir, O.E., Freeman, C., Richland, L., Levine, S., & Goldin-Meadow, S. (2015). Modality and Discourse Mode Affordances of Higher-Order Thinking. Poster presented at Cognitive Development Society Conference in Columbus, OH from October 9-10, 2015.

Begolli, K., **Frausel, R.**, & Richland, L. (2014). Teacher's Use of Gesture and Stereotype Threat in Classrooms. Poster presented at the Sixth Conference of the International Society for Gesture Studies in San Diego, CA from July 8-11, 2014.

Richland, L., Begolli, K., & **Frausel, R.** (2014). Digital Video in Ecologically-Valid Experimental Investigations of Learning from Imagery and Gesture. Poster presented by 1<sup>st</sup> author at the 26<sup>th</sup> Annual Association for Psychological Science Convention in San Francisco, CA from May 22-25, 2014.

**Frausel, R.** & Richland, L. (2014). Relations between Executive Function and Analogical Reasoning in 5-to-9-Year-Old Children. Poster presented at the 2014 American Association for the Advancement of Science Annual Meeting in Chicago, IL on February 15, 2014.

**Frausel, R.**, Chapman, J. & Richland, L. (2013). The Language of Analogies: A Cross-Cultural Comparison of Japanese- and English-Speaking Children. Poster presented by 3<sup>rd</sup> author at the Third International Conference on Analogy at the University of Burgundy in Dijon, France: August 6-8, 2013.

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#### Related Work Experience

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**Research and Assessment Associate** *Fall 2013–present*

Narrative 4 (Chicago, IL)

Supervisor: Lee Keylock

**Editorial Assistant** *Fall 2014–present*

*HAU: Journal of Ethnographic Theory* (Chicago, IL)

Supervisor: Sean Dowdy

**Marketing Distribution Assistant** *Winter 2015–Fall 2015*

The University of Chicago Press (Chicago, IL)

Supervisor: Teresa Fagan

**Intern** *Summer 2014*

Environmental Protection Agency (Chicago, IL)

Emerging Leaders Social Sciences Doctoral Internships Program

Supervisor: Yolanda Bouchee

**Transcriber***Summer 2013–Fall 2013*

Center for Elementary Mathematics and Science Education  
 The University of Chicago (Chicago, IL)  
 Supervisor: Sarah McKellar

**Scholarships & Honors**

Social Sciences Tuition Scholarship (UChicago)	<i>Oct. 2012–June 2017</i>
Jacob Van Ek Scholar Award (CU-Boulder)	<i>May 2011</i>
Taylor Memorial Scholarship (CU-Boulder)	<i>July 2010</i>

**Grant, Fellowships, and Awards**

\$750	UChicago GRAD Travel Grant	<i>July 2016</i>
\$500	Association for Psychological Science Student Research Award	<i>January 2016</i>
\$3,300	Mary Anne Norin and James L. Rynerson Research Grant	<i>October 2015</i>
\$7,820	Social Sciences Division Long-Term Grant	<i>October 2015</i>
\$10,000	Council on Advanced Studies Speaker Series (with Kelsey London Robbins and Seamus Power)	<i>March 2014</i>
\$500	Graduate Council Travel Fund	<i>April 2014</i>
\$350	Institute of Cognitive Science Travel and Research Grant	<i>February 2011</i>
\$1,200	UROP Individual Grant	<i>Aug. 2010–May 2011</i>
\$2,400	Summer Undergraduate Research Fellowship	<i>May–August 2010</i>
\$800	UROP Research Assistantship	<i>January–May 2010</i>

**Service & Related Experience**

**Student Representative** *Fall 2015–Spring 2016*

Programs Committee, Department of Comparative Human Development  
 Organizing departmental colloquia.

**Conference Organizer** *Fall 2014–Spring 2015*

Comparative Human Development Trial Research Conference  
 Fundraising, inviting speaker, organizing conference talks and panels.

**NSF SILC Student Representative** *August 2014–June 2016*

The University of Chicago  
 Liaised between UChicago SILC and larger SILC network, by organizing student exchanges across universities; arranging internal talks; organizing UChicago-Northwestern Annual Meeting; publicizing iSLC event, eliciting abstracts, and choosing student attendees.

**Panel Moderator** *June 2014*

“Extraordinary Pursuits: Exploring Careers in Social Science”  
 University of Chicago Emerging Leaders Initiative  
 Moderated panel discussion about post-graduation opportunities for graduate students.

**Volunteer Session Aide***February 2014*

American Association for the Advancement of Science Annual Meeting (Chicago, IL)

Perform session monitoring (estimating attendance; evaluating audience interest, session content, and speaker performance), provide audiovisual assistance, assist with crowd control, assist judges at poster competitions.

**Treasurer***Fall 2013–Summer 2014***Social Sciences Graduate Activities Committee (SSGSAC) Representative**

Human Development Student Association

Plan department events and organize dispersal of funds from SSGSAC, as well as assist in planning and executing the committee's quarterly division events.

**Graduate Extern***Summer 2013*

Colorado School of Mines (Golden, CO)

Job-shadowed Professor Alexandra Newman, Associate Professor in Economics and Business (with a focus on Operations Research) through the University of Chicago's Graduate Summer Externship Program.

**Student Volunteer***Summer 2011*

Linguistic Society of America Summer Institute 2011: Language in the World

University of Colorado Boulder

Volunteered for 30 hours (in exchange for tuition waver to attend two graduate-level linguistics courses) at summer institute, including assisting with class registration, helping institute attendees access technology on-campus, hosting workshops and events, and writing final evaluative report.

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**Memberships**

- Association for Psychological Science *2015–present*
- Cognitive Development Society *2015–present*
- American Educational Research Association *2015–present*
- Society for Research in Child Development *2015–present*
- International Society for Gesture Studies *2014–present*
- Spatial Intelligence and Learning Center *2012–present*
- Psi Chi, Psychology Honors Society *2008–present*

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**Technical Skills and Languages**

- Software: STATA, SPSS, R, ELAN, Praat, Microsoft Office Suite, InDesign
- Intermediate Spanish speaking, listening, reading, and writing skills
- Beginning American Sign Language productive and receptive skills