





# KELSEY ANN MOTY

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## EDUCATION

- 2017 – New York University  
Ph.D. (expected 2022), Experimental Psychology (Cognition and Perception)  
Developmental Area Concentration, Minor in Quantitative Psychology  
Advisor: Dr. Marjorie Rhodes
- 2011 – 2014 University of California, Berkeley  
B.A., with High Distinction, Psychology (Honors), Linguistics  
Minor in Polish Language and Literature  
Advisors: Dr. Terry Regier, Dr. Kevin Holmes

## SELECTED FELLOWSHIPS AND HONORS

- 2017 – 2022 MacCracken Graduate Fellowship, New York University  
2011, '13, '15 FBI National Academy Merit Scholarship, CA Chapter  
2014 Foreign Language and Area Studies Fellowship in Slavic Languages, US  
Department of Education  
2014 Phi Beta Kappa, University of California, Berkeley  
2011 – 2014 Regents' and Chancellor's Scholar, University of California, Berkeley

## RESEARCH FUNDING

- 2018 Complex Human Data Science Travel Grant  
2017 Dean's Supplementary Fellowship Grant, New York University  
2016 Best Practices in Infancy Research Travel Award  
2014 Regents' and Chancellor's Research Fellowship, University of California, Berkeley  
2014 Academic Opportunity Fund Travel Grant, University of California, Berkeley

## RESEARCH EXPERIENCE

- 2017 – 2022 **Doctoral student**, New York University, Conceptual Development and Social Cognition Lab, Advisor: Dr. Marjorie Rhodes
- 2014 – 2017 **Pre-doctoral Research Associate**, Lehigh University, Cognitive Development, Advisor: Dr. Amanda C. Brandone
- 2014 – 2016 **Research Assistant**, University of California, Berkeley, Language and Cognitive Development Lab, Advisor: Dr. Mahesh Srinivasan
- 2014 **Research Intern**, Stanford University, CSLI Summer Internship Program, Advisors: Dr. Michael C. Frank, Dr. Dan Yurovsky
- 2014 **Research Assistant**, University of California, Berkeley, Bulgarian Dialectology as Living Tradition Project, Advisor: Dr. Ronelle Alexander
- 2013 – 2014 **Research Assistant, Undergraduate Honors Thesis**, University of California, Berkeley, Language and Cognition Lab, Advisors: Dr. Terry Regier, Dr. Kevin Holmes

## PUBLICATIONS

\* indicates co-first authors

### **Manuscripts currently in preparation or under review:**

#### *Submitted:*

Foster-Hanson, E. \*, **Moty, K. \***, Cardarelli, A., Ocampo, J. D., & Rhodes, M. (submitted).  
Developmental changes in strategies for gathering evidence about biological kinds.

#### *Under review:*

Brandone, A. C., Stout, W. S., & **Moty, K.** (under review). Triadic interactions support infants' emerging understanding of intentional actions.

#### *In prep:*

**Moty, K.** & Brandone, A. C. (in prep). Contributions of multiple measures of intention understanding to early word learning.

**Moty, K.** & Brandone, A. C. (in prep). Young children shift expectations of category homogeneity in response to experience and explanation.

Brandone, A. C., **Moty, K.** & Stout, W. S. (in prep). Role of motor development in the onset of early intention understanding.

### **Journal Articles:**

Holmes, K. J., **Moty, K.**, & Regier, T. (2017). Revisiting the role of language in spatial cognition: Categorical perception of spatial relations in English and Korean speakers. *Psychonomic Bulletin & Review*.

### **Conference Proceedings:**

Holmes, K. J., **Moty, K.**, & Regier, T. (2016). Categorical perception of spatial relations: A cross-linguistic difference. In M. Hegarty, C. Hölscher, D. Montello, & N. S. Newcombe (Eds.), *Spatial Cognition 2016 Conference Proceedings* (pp. 77-82). Philadelphia, PA: Spatial Intelligence and Learning Center.

## PRESENTATIONS

### **Talks:**

**Moty, K.**, & Brandone, A. C. (accepted). The role of knowledge and explanation in attenuating children's expectations of category homogeneity. Talk to be presented at the 2019 Biennial Meeting of the Society for Research in Child Development, Baltimore, Maryland.

Foster-Hanson, E., **Moty, K.**, Ocampo, J. D., Cardarelli, A., & Rhodes, M. (accepted). Developmental changes in strategies for learning about biological kinds. Talk to be presented at the 2019 Biennial Meeting of the Society for Research in Child Development, Baltimore, Maryland.

Brandone, A. C., Stout, W. S., & **Moty, K.** (accepted). Triadic interactions support infants' emerging understanding of intentional actions. Talk to be presented at the 2019 Biennial Meeting of the Society for Research in Child Development, Baltimore, Maryland.

Brandone, A. C., **Moty, K.**, & Stout, W. (2017, April). Relations between self-locomotion experience and infants' developing understanding of intentional actions. Talk presented at the 2017 Biennial Meeting of the Society for Research in Child Development, Austin, Texas.

Holmes, K., **Moty, K.**, & Regier, T. (2016, August). Categorical perception of spatial relations: A cross-linguistic difference. Paper presented at Spatial Cognition 2016, Philadelphia, Pennsylvania.

#### Posters:

**Moty, K.** & Rhodes, M. (accepted). Children's pragmatic inferences from generic statements about social categories. Poster to be presented at the 2019 Biennial Meeting of the Society for Research in Child Development, Baltimore, Maryland.

Stout, W., Karahuta, E., **Moty, K.**, van Norden, C., Laible, D., & Brandone, A. C. (2018, July). Early predictors of individual differences in toddler's prosocial behavior: A longitudinal study of the relations between infants' social understanding and orientation and later instrumental helping behaviors at age 18-24 months. Poster presented at the 2018 Biennial Meeting of the International Congress of Infant Studies, Philadelphia, PA.

**Moty, K.**, & Brandone, A. C. (2017, October). Young children shift expectations of category homogeneity in response to language cues. Poster presented at the 2017 Biennial Meeting of the Cognitive Development Society, Portland, Oregon.

Brandone, A. C., **Moty, K.**, & Stout, W. (2017, October). The role of coordinated joint engagement with social partners in infants' emerging understanding of intentional actions. Poster presented at the 2017 Biennial Meeting of the Cognitive Development Society, Portland, Oregon.

**Moty, K.** & Brandone, A. C. (2017, July). Impact of testimony and experience on children's beliefs about category homogeneity. Poster presented at the 39<sup>th</sup> Annual Conference of the Cognitive Science Society, London, United Kingdom.

Brandone, A. C., Stout, W. & **Moty, K.** (2017, April). Relations between the capacity for coordinated joint engagement and infants' emerging understanding of intentional actions. Poster presented at the 2017 Biennial Meeting of the Society for Research in Child Development, Austin, Texas.

**Moty, K.** & Brandone, A. C. (2017, April). Beliefs about category homogeneity and variability in familiar and unfamiliar categories. Poster presented at the 2017 Biennial Meeting of the Society for Research in Child Development, Austin, Texas.

**Moty, K.** & Brandone, A. C. (2017, April). Assessing multiple measures of intention understanding as a predictor of early language acquisition. Poster presented at the 2017 Biennial Meeting of the Society for Research in Child Development, Austin, Texas.

**Moty, K.**, & Srinivasan, M. (2016, August). Pragmatic inferences in definite and indefinite contexts. Poster presented at the 38<sup>th</sup> Annual Conference of the Cognitive Science Society, Philadelphia, Pennsylvania.

**Moty, K.**, Stout, W., & Brandone, A. C. (2016, May). The development of infant intention understanding: Contributions of joint attention and motor experience. Poster presented at the 20<sup>th</sup> Biennial International Conference on Infant Studies, New Orleans, Louisiana.

Stout, W., **Moty, K.**, & Brandone, A. C. (2016, May). Links between infants' emerging intention understanding and parents' adoption of an intentional stance. Poster presented at the 20<sup>th</sup> Biennial International Conference on Infant Studies, New Orleans, Louisiana.

**Moty, K.,** Holmes, K. J., & Regier, T. (2014, July). Categorical perception of spatial relations across languages: The case of support. Poster presented at the 36<sup>th</sup> Annual Conference of the Cognitive Science Society, Quebec City, Canada.

**Moty, K.,** Holmes, K. J., & Regier, T. (2014, May). Categorical perception of spatial relations across languages: The case of support. Poster presented at the 6<sup>th</sup> Annual Conference of the UC Berkeley Cognitive Science Student Association, Berkeley, California.

## OPEN-SOURCE SOFTWARE

toku (in progress) – co-authored with Andrew Kahn

(<https://github.com/nyu-cdsc/toku>)

A platform for designing and running experiments.

## PROFESSIONAL SERVICE

2015 – Reviewer for Association for Psychological Science (APS) Student Caucus

2015 – ‘17 Poster Submission Reviewer for Annual Meeting of the Eastern Psychological Association (EPA)

2015, ‘16 Scholarship Application Reviewer for Cal Alumni Association

## SERVICE TO THE UNIVERSITY

*New York University:*

2018 – Student representative for Cognition and Perception Area within the Department of Psychology

2018 – Founder and organizer of Graduate Developmental Interest Group within the Department of Psychology

2017 – R consultant for developmental area labs

2017 – Campus Representative for Association for Psychological Science (APS) Student Caucus

*Lehigh University:*

2017 Guest lecturer on quantitative methods for College of Education graduate seminar

2016 – 2017 Contributor to lessons on R for quantitative methods graduate student group

*University of California, Berkeley:*

2013 – 2014 Organized and presented at weekly quantitative research methods peer group

## SERVICE TO THE COMMUNITY

2018 – Judge, New York City Science and Engineering Fair

2018 Presenter, USA Science & Engineering Festival (on behalf of NSF)

2015 – ‘17 Judge, Lehigh Valley Science Fair

2015 – ‘17 Presenter, Family Place Workshops at Bethlehem Area Public Library, Allentown Public Library, Nazareth Public Library, Easton Area Public Library, and Southern Lehigh Public Library

## SKILLS

**Programming:** *Data science:* R (tidyverse, data.table) | Python  
*Front-end:* Angular | TypeScript | JavaScript | HTML/CSS  
*Version control:* Git

**Data Analysis Software:** Mplus | SAS | SPSS  
**Experimental Design Tools:** Datavyu | E-Prime | PsyScope | Qualtrics | mTurk |  
Tobii Eye Tracker  
**Graphic Design:** Adobe (Photoshop | Illustrator | Premiere Pro)  
**Languages:** Conversational Polish and Spanish