

# Stephan Charles Meylan

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## Education

B.A. *magna cum laude* Linguistics, Brown University, 2010.

Ph.D. Psychology, University of California, Berkeley, expected 2017. Advisor: Tom Griffiths

## Awards

National Science Foundation Graduate Research Fellowship (awarded 2012)

National Merit Scholar (awarded 2006)

## Publications

### *Journal Articles*

Kurumada, C., **Meylan, S. C.**, and Frank, M. C. (2013). Zipfian frequency distributions facilitate word segmentation in context. *Cognition*, 127, 439–453.

### *Conference Proceedings and Poster Presentations*

**Meylan, S. C.**, and Griffiths, T.L. (2015). A Bayesian framework for learning words from multiword utterances. *Proceedings of the 37th Annual Meeting of the Cognitive Science Society*.

**Meylan, S. C.**, and Griffiths, T.L. (2014). Word forms—not just their lengths—are optimized for efficient communication. Poster presentation at the 2015 CUNY Sentence Processing Conference, University of Southern California, 19–22 March 2015.

**Meylan, S. C.**, and Griffiths, T.L. (2014). Exploring Inductive Biases In Naturalistic Language Use. Member abstract presented at the 36th Annual Meeting of the Cognitive Science Society.

**Meylan, S. C.**, and Gahl, S. (2014). The divergent lexicon: Lexical overlap decreases with age in a large corpus of conversational speech. *Proceedings of the 36th Annual Meeting of the Cognitive Science Society*.

**Meylan, S. C.**, Frank, M. C., and Levy, R. (2013). Modeling the development of determiner productivity in children’s early speech. *Proceedings of the 35th Annual Meeting of the Cognitive Science Society*.

**Meylan, S. C.**, Kurumada, C., Börschinger, B., Johnson, M., and Frank, M. C. (2012). Modeling on-line word segmentation performance in structured artificial languages. *Proceedings of the 34th Annual Meeting of the Cognitive Science Society*.

Kurumada, C., **Meylan, S. C.**, and Frank, M. C. (2011). Zipfian word frequencies support statistical word segmentation. *Proceedings of the 33rd Annual Meeting of the Cognitive Science Society*.

## Teaching Experience

Undergraduate Teaching Assistant, Introduction to Linguistic Theory, Fall 2009 (Principal Instructor: Dr. Pauline Jacobson)

Graduate Student Instructor, Computational Models of Cognition, Spring 2014 (Acting Graduate Instructor: Joshua Abbott)

Graduate Student Instructor, Computational Models of Cognition, Spring 2015 (Principal Instructor: Dr. Tom Griffiths)

## Research Experience

Research Assistant, USGS Coastal and Marine Geology Program, summers 2006 - 2010 (Principal Investigator: Dr. Lisa Robbins)

Research Assistant, Stanford Language and Cognition Lab, Fall 2010 - Summer 2012 (Principal Investigator: Dr. Michael C. Frank)

Graduate Student Researcher, Data on the Mind: Center for Data-Intensive Psychological Science, Fall 2014-Spring 2015 (under NSF award #1338541)

## Mentorship

### Research Assistants

Xiyue Wang: Spring 2014 - Fall 2015

Naomi Jing: Spring - Fall 2015

Wesley Hsieh: Spring 2015

Teeranan Pokaparakarn: Spring - Fall 2015

### Undergraduate Theses

Aucher Serr: Spring 2014 (Principal Thesis Advisor: Dr. Mahesh Srinivasan)

## Reviewing

Annual Conference of the Cognitive Science Society, 2014 and 2015