

Mika Braginsky

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Education

Massachusetts Institute of Technology

B.S. in Computer Science and Engineering & Brain and Cognitive Sciences, June 2014

Research Experience

Sep 2014 – **Research Assistant**, *Language and Cognition Lab, Stanford University*,

June 2016 Advisor: Michael C. Frank.

Sep 2013 – **Undergraduate Researcher**, *Computational Cognitive Science Group, Massachusetts*

Aug 2014 *Institute of Technology*,

Advisor: Joshua Tenenbaum.

Publications

Braginsky, M., Yurovsky, D., Marchman, V. A., and Frank, M. C. (2016). From *uh oh* to *tomorrow*: Predicting age of acquisition for early words across languages. In *Proceedings of the 38th Annual Conference of the Cognitive Science Society*.

Frank, M. C., **Braginsky, M.**, Yurovsky, D., and Marchman, V. A. (2016). Wordbank: An open repository for developmental vocabulary data. *Journal of Child Language*.

Braginsky, M., Yurovsky, D., Marchman, V. A., and Frank, M. C. (2015). Developmental changes in the relationship between grammar and the lexicon. In *Proceedings of the 37th Annual Conference of the Cognitive Science Society*.

Posters and Talks

Braginsky, M., Yurovsky, D., Marchman, V. A., and Frank, M. C. (November 2016). Gender differences in lexical input and acquisition. Talk to be presented at the 41th Annual Boston University Conference on Language Development. Boston, MA.

Braginsky, M., Yurovsky, D., Marchman, V. A., and Frank, M. C. (August 2016). From *uh oh* to *tomorrow*: Predicting age of acquisition for early words across languages. Talk presented at the 38th Annual Conference of the Cognitive Science Society. Philadelphia, PA.

Braginsky, M., Yurovsky, D., Marchman, V. A., and Frank, M. C. (May 2016). Predicting age of acquisition for early words across languages. Talk presented at the XX Biennial International Congress of Infant Studies. New Orleans, LA.

Tsuji, S., Bergmann, C., Cristia, A., Lewis, M., **Braginsky, M.**, and Frank, M. C. (January 2016). MetaLab: Power analysis and experimental planning in developmental research made easy. Poster presented by Sho Tsuji at the 2015 Budapest CEU Conference on Cognitive Development. Budapest, Hungary.

Braginsky, M., Yurovsky, D., Marchman, V. A., and Frank, M. C. (December 2015). Predicting age of acquisition for early words across languages. Talk presented at the Studying Language Learning Workshop. Tübingen, Germany.

Braginsky, M., Yurovsky, D., Marchman, V. A., and Frank, M. C. (November 2015). Developmental trajectories of vocabulary composition across languages. Poster presented at the 40th Annual Boston University Conference on Language Development. Boston, MA.

Lewis, M., **Braginsky, M.**, Bergmann, C., Tsuji, S., Cristia, A., and Frank, M. C. (November 2015). MetaLab: A tool for power analysis and experimental planning in developmental research. Talk presented by Molly Lewis at the 40th Annual Boston University Conference on Language Development. Boston, MA.

Braginsky, M., Yurovsky, D., Marchman, V. A., and Frank, M. C. (July 2015). Developmental changes in the relationship between grammar and the lexicon. Poster presented at the 37th Annual Conference of the Cognitive Science Society. Pasadena, CA.

Frank, M. C., Yurovsky, D., Schneider, R., **Braginsky, M.**, and Marchman, V. A. (March 2015). Studying children's vocabulary development at scale. Talk presented by Michael Frank at the 2015 Society for Research in Child Development Biennial Meeting. Philadelphia, PA.

Frank, M. C., Yurovsky, D., Krishna, R., **Braginsky, M.**, and Marchman, V. A. (November 2014). Wordbank: An open repository for developmental vocabulary data. Poster presented by Michael Frank at the 39th Annual Boston University Conference on Language Development. Boston, MA.

Skills

Programming Proficient in R, Python, JavaScript; familiar with SQL, Java, MATLAB, Scheme.
Tools Linux, Git, Subversion, EC2, Apache, HTML, CSS, L^AT_EX.
Languages Native English and Russian, conversational Hebrew.

Coursework

Massachusetts Institute of Technology

Cognitive Science & Linguistics

- Topics in Language Acquisition
- Laboratory in Psycholinguistics
- Computational Cognitive Science
- Semantics and Pragmatics
- Phonology
- Music Cognition
- What Is Intelligence?
- Philosophical Issues in Brain Science

Computer Science & Mathematics

- Practical Natural Language Processing
- Natural Language and the Representation of Knowledge
- Artificial Intelligence
- Design and Analysis of Algorithms
- Computer Systems Engineering
- Introduction to Inference
- Probability and Random Variables
- Linear Algebra

Linguistic Summer Institute 2015

- Computational Psycholinguistics
- Computational Lexical Semantics
- Unsupervised Learning of Linguistic Structure: Morphology
- Making the Most of Extant Data in Early Language Acquisition Research