Jessica Mankewitz

pronouns: they/them or any

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Education

University of Wisconsin–Madison   Madison, Wisconsin
PhD, Psychology   *Fall 2022 -*
Adivsor: Jenny Saffran

University of California, Berkeley   Berkeley, California
BA Cognitive Science   *Fall 2015 - Spring 2020*

Research Experience

Lab Manager   Stanford University
Language and Cognition Lab   *September 2020 - July 2022*
PI: Dr. Michael C. Frank

- Designed, analyzed, and reported on experiments related to language acquisition and adult communication and coordination
- Maintained and contributed to lab software projects, see *Software* (below)
- Recruited, trained, and coordinated undergraduate RAs and research interns

Undergraduate Research Assistant   UC Berkeley
Language and Cognitive Development Lab   *September 2019 - September 2020*
PI: Dr. Mahesh Srinivasan; Direct Supervisor: Dr. Stephan Meylan

- Collected large scale, crowd-sourced annotations for corpora of child-directed and child-produced speech
- Helped develop training materials for over 200 subject pool workers to assist with tagging efforts

Preprints/Journal Submissions

Zettersten, M., Saleh, A, Bhatt, N., Yurovsky, D., Xu, T. L., ..., **Mankewitz, J**, ..., and Frank, M C. (2022). Peekbank: An open, large-scale repository for developmental eye-tracking data of children's word recognition. Behavior and Research Methods. (To Appear, Preprint: https://psyarxiv.com/tgnzv)

Journal Papers and Articles

Kachergis, G., Marchman, V. A., Dale, P., **Mankewitz, J.,** Frank, M. C. (2022). An Online Computerized Adaptive Test (CAT) of Children's Vocabulary Development in English and Mexican Spanish. Journal of Speech, Language, and Hearing Research. 65(6), 2288-2308.

Peer-reviewed Conference Proceedings

Meylan*, S., **Mankewitz*, J.,** Floyd, S., Rabagliati, H., and Srinivasan, M. (2021). Quantifying Lexical Ambiguity in Speech To and From English-Learning Children. In *Proceedings of the 43rd Annual Meeting of the Cognitive Science Society.*
∗ *indicates equal contribution*

Zettersten, M., Bergey, C., Bhatt, N., ..., **Mankewitz, J.,** ..., Yurovsky, D., and Frank, M.C. (2021). Peekbank: Exploring children's word recognition through an open, large-scale repository for developmental eye-tracking data. In *Proceedings of the 43rd Annual Meeting of the Cognitive Science Society*

Conference Presentations

Loukatou, G., Tan, A., Braginsky, M., **Mankewitz, J.**, and Frank, M.C. (November 2022) Typological variation in predicting early word learning across languages. Poster to be presented by Alvin Tan at the 47th Annual Boston University Conference on Language Development (BUCLD).

Mankewitz*, J., Boyce*, V., Waldon, B., Loukatou, G., Yu, D., Mu, J., Goodman, N., and Frank, M. (December 2021). Multi-party referential communication in complex strategic games. Talk to be presented at the Meaning in Context Workshop at the 35th Conference on Neural Information Processing Systems (NeurIPS 2021)
∗ *indicates equal contribution*

Kachergis, G., Marchman, V., Dale, P., Mehta, H., **Mankewitz, J.**, and Frank, M. (November 2021) An Online Computerized Adaptive Test of Children's Early Vocabulary Development. Poster to be presented by Philip Dale at the American Speech-Language-Hearing Association (ASHA) Convention.

Mankewitz, J., Meylan, S., Floyd, S., Rabagliati, H., and Srinivasan, M. (November 2021). English-learning children hear and use multiple meanings for words in early speech. Talk presented at the 46th Annual Boston University Conference on Language Development (BUCLD).

Zettersten, M., Saleh, A, Bhatt, N., Yurovsky, D., Xu, T. L., …, **Mankewitz, J**, …, and Frank, M C. (November 2021). Increases in speed and accuracy of children's online word recognition measured via a large-scale, open database of developmental eye-tracking data. Talk presented by Martin Zettersten at the 46th Annual Boston University Conference on Language Development (BUCLD).

Meylan*, S., **Mankewitz*, J.**, Floyd, S., Rabagliati, H., and Srinivasan, M. (July 2021). Quantifying Lexical Ambiguity in Speech To and From English-Learning Children. Talk presented by Stephan Meylan at the 43rd Annual Meeting of the Cognitive Science Society.
∗ *indicates equal contribution*

Zettersten, M., Bergey, C., Bhatt, N., …, **Mankewitz, J.**, …, Yurovsky, D., and Frank, M.C. (July 2021). Peekbank: Exploring children's word recognition through an open, large-scale repository for developmental eye-tracking data. Poster presented by Martin Zettersten at the 43rd Annual Meeting of the Cognitive Science Society.

Kachergis, G., Marchman, V., Dale, P., Mehta, H., **Mankewitz, J.**, and Frank, M. (April 2021) An Online Computerized Adaptive Test (CAT) of Children's Vocabulary Development in English and Mexican Spanish. Poster presented by George Kachergis at Society for Research in Child Development (SRCD) Biennial Meeting.

Work Experience

Student Technology Services Berkeley, California
Student Technology Supervisor *February 2018 - May 2020*

- Directly lead and mentored over a dozen Student Technology Consultants, as well as interviewed, hired, and trained new employees.
- Technical duties included managing and maintaining desktops and printers in the residence halls

Student Technology Consultant *June 2017 - June 2018*

- Provided technical support, both in person and over the phone, to troubleshoot software and hardware issues for UC Berkeley students.

CalTeach Berkeley, California
James Denman Middle School - Student Teacher *Fall 2017*
Course: Classroom Interactions in Science and Mathematics - Equity and Urban Schools

Berkeley High School - Student Teacher *Spring 2017*
Course: Knowing and Learning in Mathematics and Science

Rosa Parks Elementary School - Student Teacher *Spring 2016*
Course: K-8 Teaching and Inquiry-Based Lesson Design in the Science and Mathematics Classroom

SpaceX Hawthorne, California
Information Technology Intern *April 2014 - August 2015*

- Managed and maintained desktops and printers at the SpaceX HQ in Hawthorne, CA
- Serviced the employee IT helpdesk for troubleshooting, repairing, and maintaining company devices

Software

`childes-db` (co-maintainer)

    ⚯ `childes-db.stanford.edu`

    An open database storing child language datasets from CHILDES

`childesr` (contributor and co-maintainer)

    ⚮ `langcog/childesr`

    An R package for accessing childes-db, a database of child language corpora from CHILDES

`childespy` (creator and primary maintainer)

    ⚮ `langcog/childespy`

    A python wrapper for the latest version of the `childesr` R package

`Peekbank` (co-creator and co-maintainer) & `peekbankr` (co-creator and contributor)

    ⚯ `peekbank.stanford.edu`

    A database storing eye-tracking datasets on children's word recognition

Last Updated: August 21, 2022