

Veronica Boyce

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EDUCATION

Stanford University

Doctor of Philosophy in Psychology

Massachusetts Institute of Technology

Bachelor of Science in Brain & Cognitive Science

Stanford, CA

Anticipated 2025

Cambridge, MA

June 2019

WORK EXPERIENCE

MIT, Computational Psycholinguistics Lab

Research Support Associate

Cambridge, MA

June 2019 – July 2020

PUBLICATIONS

-
- V. Boyce**, R. Hawkins, N. D. Goodman, and M. C. Frank (2024). “Interaction Structure Constrains the Emergence of Conventions in Group Communication”. Preprint: osf.io/preprints/psyarxiv/a3wfy.
- V. Boyce**, B. Prystawski, A. B. Abutto, E. M. Chen, Z. Chen, H. Chiu, I. Ergin, A. Gupta, C. Hu, B. Kemmann, N. Klevak, V. Y. Q. Lua, M. Mazzaferro, K. Mon, D. Ogunbamowo, A. Pereira, J. Troutman, S. Tung, R. Uricher, and M. C. Frank (2024). “Estimating the replicability of psychology experiments after an initial failure to replicate”. Preprint at osf.io/preprints/psyarxiv/an3yb.
- A. Chuey, **V. Boyce**, A. Cao, and M. C. Frank (2024). “Conducting Developmental Research Online vs. in-Person: A Meta-Analysis”. *Open Mind*.
- V. Boyce** and R. Levy (2023). “A-Maze of Natural Stories: Comprehension and Surprisal in the Maze Task”. *Glossa Psycholinguistics*.
- V. Boyce**, M. Mathur, and M. C. Frank (2023). “Eleven Years of Student Replication Projects Provide Evidence on the Correlates of Replicability in Psychology”. *Royal Society Open Science*.
- M. Zettersten, D. Yurovsky, T. L. Xu, S. Uner, A. S. M. Tsui, R. M. Schneider, A. N. Saleh, S. C. Meylan, V. A. Marchman, J. Mankewitz, K. MacDonald, B. Long, M. Lewis, G. Kachergis, K. Handa, B. deMayo, A. Carstensen, M. Braginsky, **V. Boyce**, N. S. Bhatt, C. A. Bergey, and M. C. Frank (2023). “Peekbank: An Open, Large-Scale Repository for Developmental Eye-Tracking Data of Children’s Word Recognition”. *Behavior Research Methods*.
- V. Boyce**, R. Futrell, and R. P. Levy (2020). “Maze Made Easy: Better and Easier Measurement of Incremental Processing Difficulty”. *Journal of Memory and Language*.

CONFERENCE PAPERS

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- V. Boyce** and M. C. Frank (2023). “Communicative Reduction in Referring Expressions within a Multi-Player Negotiation Game”. *Proceedings of the Annual Meeting of the Cognitive Science Society*. Poster.

- V. Boyce**, R. Hawkins, N. Goodman, and M. C. Frank (2022). “Two’s Company but Six Is a Crowd: Emergence of Conventions in Multiparty Communication Games”. *Proceedings of the Annual Meeting of the Cognitive Science Society*. Talk.
- J. Mankewitz, **V. Boyce**, B. Waldon, G. Loukatou, D. Yu, J. Mu, N. D. Goodman, and M. C. Frank (2021). “Multi-Party Referential Communication in Complex Strategic Games”. *Meaning in Context: Pragmatic Communication in Humans and Machines workshop. NeurIPS*.
- M. Zettersten, C. A. Bergey, N. S. Bhatt, **V. Boyce**, M. Braginsky, A. Carstensen, B. deMayo, G. Kachergis, M. Lewis, B. Long, K. MacDonald, J. Mankewitz, S. C. Meylan, A. N. Saleh, R. M. Schneider, A. S. M. Tsui, S. Uner, T. L. Xu, D. Yurovsky, and M. C. Frank (2021). “Peekbank: Exploring Children’s Word Recognition through an Open, Large-Scale Repository for Developmental Eye-Tracking Data”. *Proceedings of the Annual Meeting of the Cognitive Science Society*.
- V. Boyce**, A. Aravind, and M. Hackl (2017). “Lexical and Syntactic Effects on Auxiliary Selection: Evidence from Child French”. *Boston University Conference on Language Development*. Talk.

CONFERENCE PRESENTATIONS

- V. Boyce**, I. Chen, B. Sparks, M. Perez, and M. C. Frank (2024). “4-5 year old children can successfully communicate using ad-hoc referential expressions”. CAMP 6. Talk.
- V. Boyce**, R. Hawkins, N. Goodman, and M. C. Frank (2023). “Thick Feedback Facilitates Referential Coordination in Larger Groups”. CAMP 5. Talk.
- V. Boyce**, R. Hawkins, N. Goodman, and M. C. Frank (2023). “Thick Feedback Facilitates Referential Coordination in Larger Groups”. HSP. Poster.
- T. Poppels, **V. Boyce**, C. Ajunwa, T. von der Malsburg, and R. Levy (2021). “Bias against ‘she’ Pronouns Can Be Rapidly Overcome by Changing Event Expectations”. CUNY Human Sentence Processing Conference. Short talk.
- V. Boyce** and R. Levy (2020). “A-Maze of Natural Stories: Texts Are Comprehensible Using the Maze Task”. Architectures and Mechanisms for Language Processing. Talk.
- V. Boyce**, R. Futrell, and R. P. Levy (2019). “Maze Made Easy: Better and Easier Measurement of Incremental Processing Difficulty”. CUNY Human Sentence Processing Conference. Poster.
- V. Boyce**, T. von der Malsburg, T. Poppels, and R. Levy (2019). “Female Gender Is Consistently Under-Expressed in Pronoun Production and under-Inferred in Comprehension”. Linguistic Society of American Annual Meeting. Poster.
- V. Boyce**, T. von der Malsburg, T. Poppels, and R. Levy (2019). “Remember ‘Him’, Forget ‘Her’: Gender Bias in the Comprehension of Pronominal Referents.” CUNY Human Sentence Processing Conference. Poster.
- V. Boyce**, T. von der Malsburg, T. Poppels, and R. Levy (2018). “Implicit Gender Biases in the Production and Comprehension of Pronominal References”. CUNY Human Sentence Processing Conference. Poster.

TEACHING

Stanford, Department of Psychology

TA for PSYCH 125: Research Methods in Psychology
 TA for PSYCH 251: Experimental Methods
 TA for PSYCH 45: Introduction to Learning and Memory
 TA for PSYCH 251: Experimental Methods

Stanford, CA

Jan 2024 – March 2024
 Sep 2023 – Dec 2023
 April 2023 – June 2023
 Sep 2022 – Dec 2022

TA for PSYCH 220B: Probabilistic Models of Cognition: Language
MIT, Department of Brain & Cognitive Science
TA for Computational Psycholinguistics

Sep 2021 – Dec 2021
Cambridge, MA
February 2019 – May 2019

MENTORING

Victoria Phan (Stanford undergrad)	2024
Hana Doueiri (Stanford undergrad)	2024
Ilaria Chen (Stanford undergrad)	2023
Malia Perez (Stanford undergrad)	2023
Brittany Linus (Stanford undergrad)	2022
Chelsea Ajunwa (MIT undergrad)	2020
Arun Wongprommoon (MIT undergrad)	2019

REVIEWING

Journals: Glossa Psycholinguistics (2021-2023), Royal Society Open Science (2024), Journal of Experimental Psychology: Learning, Memory, and Cognition (2023), Journal of Memory and Language (2023)

Conferences: CogSci (2021-2024), California Meeting of Psycholinguists (2023), Society for Computation in Linguistics (2020), Association for Computational Linguistics (2019)