

Kira Breedon

1827 E Washington Ave, Apt 247, Madison, WI 53704

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Education

2023 - current	Ph.D. Psychology, University of Wisconsin - Madison Supervisor: Gary Lupyan
2019 - 2021	M.S. Data Science and Artificial Intelligence, Northwestern University <u>Capstone Project</u> : “Sentiment Analysis of Dutch Tweets to Identify Depressive and Negative Feelings During the 2020 COVID-19 Pandemic” Mentor: Dr. Alianna J. Maren
2014 - 2018	B.S. Computational Cognitive Science, University of Michigan - Ann Arbor <u>Honor’s Thesis</u> : “What Factors Are Most Effective in Predicting Noun Learning in English-Learning Children?” Mentors: Twila Tardif, PhD; Susan Gelman, PhD

Non-Degree Programs

Summer 2016	Summer French Intermediate Studies Exchange Program, Université Grenoble Alpes
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Research Experience

Current	University of Wisconsin-Madison Lupyan Lab (Dr. Gary Lupyan) Role: PhD Student
2017 - 2018	University of Michigan – Ann Arbor Language and Culture Development Lab (Dr. Twila Tardif) Role: Lab Manager, Research Assistant
2017	University of Michigan – Ann Arbor Pathways to Literacy Lab (Dr. Fred Morrison) Role: Undergraduate Research Assistant

Professional Experience

(Selected)

2024 -	Teaching Assistant, Department of Psychology, University of Wisconsin - Madison
2023 -	Graduate Student, Department of Psychology, University of Wisconsin - Madison
2023 - 2024	Research Assistant, Department of Psychology, University of Wisconsin - Madison
2021 - 2023	Data Scientist, TTEC Digital
Summer 2021	Data Scientist, Auction Forecast, Santa Fe, NM
2018 - 2019	English Language Assistant, TAPIF, Clermont-Ferrand, France

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Grants, Honors, and Awards

September 2025	UW-Madison Psychology Department Menzies Research Fund Award
January 2024	UW-Madison Psychology Department Service to the Department Award
May 2016	University of Michigan Undergraduate Electrical Engineering and Computer Science Introduction to Computer Science Project Symposium: 1 st Place

Publications

Journal Publications

Breeden, K., & Lupyan, G. (In Prep) “Category repetition priming, rhyme identification, and category verification are predicted by inner speech.”

Conference Proceedings

Breeden, K., & Lupyan, G. (2025). Who notices object repeats? Individual differences in inner experience influence repetition priming. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 47. Retrieved from <https://escholarship.org/uc/item/9gf9k64k>

Presentations and Posters

Invited Talks

31 October 2025	Breeden, K. “Reasoning in Humans and LLMs: Language as Compression and Pattern-Matching, But Not Logic” – Upgrade Science Insights Lunch Talk Series
18 September 2025	Breeden, K. “Power Analyses! What are they? Why are they tricky? How can we use them?” – Language Acquisition and Bilingualism Lab, UW-Madison
9 October 2024	Breeden, K., & Lupyan, G. “Inner Speech as a Predictor of Individual Differences in Cognition” – Cognitive Origins Lab, UW-Madison

Presentations

3 April 2024	Breeden, K. “Inner Speech and Phonological Activation During Silent Reading” – UW-Madison Perception, Cognition, and Cognitive Neuroscience Proseminar
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Posters

August 2025	Breeden, K., & Lupyan, G. “Who notices object repeats? Individual differences in inner experience influence repetition priming” – CogSci 2025
Spring 2025	Breeden, K., & Lupyan, G. “Who notices object repeats? Individual differences in inner experience influence repetition priming” – UW Madison Psychology Research Fair

Teaching Experience

Guest Lectures

24 November 2025	Breeden, K. “Power Analyses! What are they? Why are they tricky? How can we estimate power in LMER?” – Guest Lecture for Statistics for Linguists, UW-Madison, Primary Instructor: Dr. Eric Raimy
12 November 2024	Breeden, K. “Language, Cognition, and Inner Speech” – Guest Lecture for Animal Cognition, UW-Madison, Primary Instructor: Dr. Stephen Ferrigno

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Teaching Assistantships

Spring 2026 “Design and Analysis of Psychological Experiments II”, Primary Instructor: Dr. Marcus Brauer
Spring 2025 “Basic Statistics for Psychology”, Primary Instructor: Dr. Rebecca Addington
Fall 2024 “Animal Cognition”, Primary Instructor: Dr. Stephen Ferrigno

Research Assistant Thesis Mentorships

In Progress “Effects of Inner Speech on Phonological Activation”, Amelia Tang
In Progress “Effects of Inner Speech on Inductive Inference”, Xiaoran Sun

Mentoring

Undergraduate Research Assistants

Xiaoran Sun (2025 - present), University of Wisconsin - Madison, LupyanLab

Amelia Tang (2025 - present), University of Wisconsin - Madison, LupyanLab

Kate Paape (2024 - 2025), University of Wisconsin - Madison, LupyanLab