BETHANY GARDNER

@ bethanyhgardner@gmail.com   💬 they/she   ⊙ bethanyhgardner
in bethany-gardner-378649121   🆔 0000-0002-5154-2040

RESEARCH INTERESTS

language processing   memory for language
pronouns & reference   singular *they*
psycholinguistics & sociolinguistics interface
gender bias in language

SKILLS

quantitative methods   logistic regression
multilevel/mixed-effects models   eyetracking
speech production   conversation memory
R   Python   reproducible analysis pipelines

EDUCATION

Ph.D. in Psychological Sciences

Vanderbilt University

📅 2018–2023   📍 Nashville, TN

- Minor in Quantitative Methods
- Advisor: Sarah Brown-Schmidt

B.S. in Brain & Cognitive Sciences

University of Rochester

📅 2014–2018   📍 Rochester, NY

- Minors in Linguistics, Philosophy, Spanish
- Advisors: Chigusa Kurumada, Mike Tanenhaus

PROFESSIONAL EXPERIENCE

Statistical Consulting & Data Science

Freelance via Upwork

📅 2023–present   📍 Philadelphia, PA

- Statistical consulting, statistical programming, data visualization, and data preprocessing, primarily in R
- Working with clients in academia, scicomm, UX research, healthcare, and AI development
- Recent projects include exploratory analyses & visualizations of customer experience data, annotating examples of cognitive biases identified by a LLM for accuracy to inform model development, and using GLMs to analyze population survey and medical outcomes data sets

PUBLICATIONS

Gardner, B. & Brown-Schmidt, S. (under review). Improving memory for and production of singular *they* pronouns. ⊙

Gardner, B. & Brown-Schmidt, S. (2024). Biased inferences about gender from names. *Glossa Psycholinguistics*, *3*(2). DOI: 10.5070/G6011185 ⊙

Gardner, B., Dix, S., Lawrence, R., Morgan, C., Sullivan, A., & Kurumada, C. Online pragmatic interpretations of scalar adjectives are affected by perceived speaker reliability. *PLoS ONE*, *16*(2). DOI: 10.1371/journal.pone.0245130

MANUSCRIPTS

Gardner, B. & Brown-Schmidt, S. (in prep). Online interpretation of specific singular *they*.

Gardner, B. & Brown-Schmidt, S. (in prep). Including pronouns in introductions and on name tags supports production of they/them pronouns.

Gardner, B. (2023). Learning to comprehend and produce singular *they* [Doctoral dissertation, Vanderbilt University]. ⊙ 📥 📖

Gardner, B. (2020). Gender bias through production about and memory for names [Master's thesis, Vanderbilt University]. ⊙ 📥

CONFERENCE PRESENTATIONS

Gardner, B. & Brown-Schmidt, S. (2023). Online interpretation of specific singular *they*. 36th Annual Conference on Human Sentence Processing. DOI: 10.13140/RG.2.2.14625.89443

Gardner, B. & Brown-Schmidt, S. (2023). Including pronouns on nametags and in introductions supports production of singular *they*. 36th Annual Conference on Human Sentence Processing. DOI: 10.13140/RG.2.2.17981.33761

Gardner, B. & Brown-Schmidt, S. (2023). Does putting pronouns on nametags and in introductions affect production of singular *they*? 97th Annual Meeting of the Linguistic Society of America. DOI: 10.13140/RG.2.2.27905.12640

Gardner, B. & Brown-Schmidt, S. (2022). Effects of PSAs and pronoun modeling on memory and production of singular *they*? 96th Annual Meeting of the Linguistic Society of America. DOI: 10.13140/RG.2.2.14483.35369

Gardner, B. & Brown-Schmidt, S. (2021). Effects of prior information on memory and production of singular *they* pronouns. 62nd Annual Meeting of the Psychonomic Society. DOI: 10.13140/RG.2.2.34616.01285

Gardner, B. & Brown-Schmidt, S. (2021). Recall and production of singular they/them pronouns. 34th Annual CUNY Conference on Human Sentence Processing. DOI: 10.13140/RG.2.2.25583.36004

Gardner, B. & Brown-Schmidt, S. (2020). "No gender mentioned but I'd say male": Gender bias through production about news stories. 33rd Annual CUNY Conference on Human Sentence Processing. DOI: 10.13140/RG.2.2.12161.58723

Gardner, B. & Brown-Schmidt, S. (2019). "Call me by my last name": Gender bias through production about and memory for names. 60th Annual Meeting of the Psychonomic Society. DOI: 10.13140/RG.2.2.33971.96800

Gardner, B. & Kurumada, C. (2019). Variation in the rational interpretation of slights: Gender-based microaggressions 32nd Annual CUNY Conference on Human Sentence Processing. DOI: 10.13140/RG.2.2.13839.30883

Gardner, B. & Kurumada, C. (2019). "You're good at math for a woman": An experimental analysis of gender-based microaggressions. 93rd Annual Meeting of the Linguistic Society of America. DOI: 10.13140/RG.2.2.27261.08163

Morgan, C., **Gardner, B.**, Lawrence, R., & Kurumada, C. (2018). Talker-specific adaptation of inferences based on scalar adjectives. 24th Architectures and Mechanisms for Language Processing.

Gardner, B., Clark, M., Pogue, A. & Kurumada, C. (2018). Real-time pragmatic processing with an artificial lexicon. 31st Annual CUNY Conference on Human Sentence Processing; National Conference for Undergraduate Research. DOI: 10.13140/RG.2.2.30616.52481

Gardner, B., Sullivan, A., Trine, T., Jaeger, T. F., & Kurumada, C. (2016). Rapid adaptation of online pragmatic inferences based on scalar adjectives. 22nd Architectures and Mechanisms for Language Processing. DOI: 10.13140/RG.2.2.17194.75200

HONORS & AWARDS

Doctoral Dissertation Research Improvement Grant: Learning and processing mechanisms for singular they/them pronouns

📅 2022   📍 NSF Linguistics

Award number: 2214299

- -

Effectiveness of pronoun-sharing practices on language use

📅 2021   📍 Vanderbilt

Peabody Office of Equity, Diversity, and Inclusion small grants program

- -

Learning to remember and use they/them pronouns

📅 2018   📍 Vanderbilt

Vanderbilt LGBT Policy Lab small grants program

- -

Catherine Block Memorial Award

📅 2017   📍 Rochester

For University of Rochester women in science research finishing their junior year

- -

Discover Grant

📅 2017   📍 Rochester

University of Rochester undergrad summer independent research

- -

Bilski-Mayer Research Fellowship

📍 2016

Rochester University of Rochester undergrad summer research in cognitive science

PROGRAMMING & SOFTWARE

R, R Markdown, Quarto, Word PowerPoint, PCIbex   ● ● ●

Python, Excel, Git/GitHub, Qualtrics, Audacity, Praat   ● ● ○

AWS, Docker, HTML/CSS, Java, Latex, Linux, MATLAB, R Shiny, SAS, SPSS, Stata   ● ○ ○

TEACHING EXPERIENCE

Introduction to Formal Linguistics

📍 Spring 2021, Spring 2023

Guest Lecture: Pronouns

- -

Introduction to Statistical Analysis

📍 Spring 2022

Guest Lecture: Correlation

PROFESSIONAL TRAINING

Seminar in College Teaching

📍 2022

Vanderbilt Center for Teaching

- -

Linguistic Society of America Summer Institute

📅 2019   📍 Davis, CA

Additional coursework, primarily in sociolinguistics

SERVICE

Department Liaison, Vanderbilt Graduate Workers United

📍 2021–23

- -

Speaker, Diversity and Science Lecture Series at Vanderbilt

📍 2022

"Navigating invisible chronic illnesses in grad school" 📥

- -

Panelist, Queer on the Inside: Grad School

📍 2022

- -

Panelist, Psychology Undergrad Honors Student Q&A

📍 2021

- -

Facilitator, Queer Graduate & Professional Students Affinity Group

📍 2020–21