

Willa Mannering

1101 E 10th ST • Bloomington, IN 47405 • wmanneri@iu.edu

[Personal Website](#) • [GitHub](#)

EDUCATION

PhD Cognitive Science Indiana University, Bloomington, Indiana	Fall 2018-Present
PhD Psychology Indiana University, Bloomington, Indiana	Fall 2018-Present
B.Sc. Cognitive Science Indiana University, Bloomington, Indiana <i>*With highest honor (summa cum laude)</i>	Spring 2018
B.A. Computer Science Indiana University, Bloomington, Indiana <i>*With highest honor (summa cum laude)</i>	Spring 2018

RESEARCH/WORK EXPERIENCE

Fall 2018-Present	Graduate Research Assistant Cognitive Computing Lab, Indiana University, Department of Psychological and Brain Sciences Topics: catastrophic interference, semantic models of memory, semantic search, collaborative memory
Fall 2018-Present	Associate Instructor Indiana University, Statistical Techniques Indiana University, Cognitive Psychology Indiana University, Methods of Experimental Psychology Indiana University, Human Memory
2014 - 2018	Undergraduate Research Assistant Visual Perception and Electrophysiological Lab, Indiana University, Department of Psychological and Brain Sciences Topics: latent fingerprint examination, taboo tradeoffs
2016 - 2018	Undergraduate Research Assistant Percepts and Concepts Lab, Indiana University, Department of Psychological and Brain Sciences Topics: face categorization
Spring 2016	Undergraduate Teaching Intern Indiana University, Foundations of Cognitive Science Course

PUBLICATIONS

Krendl, A. C., **Mannering, W. M.**, Jones, M. N., Hugenberg, K., & Kennedy, K. P. (2022) Identifying the Strategies Underlying Older Adults' Theory of Mind Deficits. *Journal of Gerontology: Psychological Sciences*. Under Review.

Mannering, W. M., Rajaram, S., Shiffrin, R. M., & Jones, M. N. (2022) Modeling the Effect of Learning During Retrieval on Collaborative Inhibition. Proceedings of the 44th Annual Meeting of the Cognitive Science Society.

Mannering, W. M., Rajaram, S., & Jones, M. N. (2021) Towards a Cognitive Model of Collaborative Memory. Proceedings of the 43rd Annual Meeting of the Cognitive Science Society. 959-965.

Mannering, W. M., Vogelsang, M., Busey, T. & Mannering, F. (2021) Are Forensic Scientists Too Risk Averse? *Journal of Forensic Sciences*. 66(4), 1377-1400. <https://doi.org/10.1111/1556-4029.14700>

Mannering, W. M. & Jones, M. N. (2020) Catastrophic Interference in Neural Network Models of Distributional Semantics. *Computational Brain & Behavior*. <https://doi.org/10.1007/s42113-020-00089-5>

Mannering, W. M. & Jones, M. N. (2019) Insulating Distributional Semantic Models from Catastrophic Interference. Proceedings of the 41st Annual Meeting of the Cognitive Science Society. 2282-2288.

Mannering, W. M., Vogelsang, M., & Busey, T. (2017). Should Fingerprint Examiners Make More Erroneous Identifications? *Indiana University of Undergraduate Research*, 3(1), 68-77.

PRESENTATIONS

Mannering, W. M., Rajaram, S., Shiffrin, R. M., & Jones, M. N. (2022) Towards a Cognitive Model of Collaborative Memory. Accepted as poster at the 44th Annual Meeting of the Cognitive Science Society.

Mannering, W. M., Rajaram, S., & Jones, M. N. (2021) Towards a Cognitive Model of Collaborative Memory. Presented at the Ninth Annual Conference on Advances in Cognitive Systems

Mannering, W. M., Rajaram, S., & Jones, M. N. (2021) Towards a Cognitive Model of Collaborative Memory. Presented at the 43rd Annual Meeting of the Cognitive Science Society.

Mannering, W. M. & Jones, M. N. (2019) Insulating Distributional Semantic Models from Catastrophic Interference. Presented as poster at the 60th Annual Meeting of the Psychonomic Society.

Mannering, W. M. & Jones, M. N. (2019) Insulating Distributional Semantic Models from Catastrophic Interference. Presented at the 8th Annual Midwest Cognitive Science Conference.

Mannering, W. M. & Jones, M. N. (2019) Insulating Distributional Semantic Models from Catastrophic Interference. Presented as poster at the 41st Annual Meeting of the Cognitive Science Society.

Mannering, W. M., Vogelsang, M., Busey, T. (2017). Should Fingerprint Examiners Make More Erroneous Identifications? Presented as poster at the 56th Annual Meeting of the Psychonomic Society.

Mannering, W. M., Vogelsang, M., Busey, T. (2016). Should Fingerprint Examiners Make More Erroneous Identifications? Presented as poster at the 8th Annual Midwest Undergraduate Cognitive Science Conference.

AWARDS AND ACHIEVEMENTS

Fall 2019

IUB Provost's Travel Award for Women in Science

Spring 2019	2019 Sharon Stephens Brehm Excellence in Research Award from the IU Department of Psychological and Brain Sciences
Spring 2019	Outstanding Teaching Assistant Award from the IU Department of Psychological and Brain Sciences
Spring 2019	Honorable Mention for NSF Graduate Research Fellowship Program
Spring 2018	Outstanding Undergraduate Research Award from the IU Cognitive Science Program

LEADERSHIP ACTIVITIES

2017-2018	Midwest Undergraduate Cognitive Science Conference Student Director
2016-2018	Psychology Club Executive Board, Academic Chair

VOLUNTEER WORK

Spring 2022-Present	Hack for LA Data Scientist Volunteer
Spring 2021	COVID Vaccine Clinic volunteer, volunteered with Monroe County Health Department to help administer COVID-19 vaccines
2017-2018	WonderLab Museum of Science, general volunteer work monitoring young guests in the museum
2015	Banneker Buddies, volunteered as a tutor for in need elementary students at Fairview Elementary School