

Mariah Cantrell

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Education

Ph.D. In Developmental Psychology

Miami University | Oxford, OH

Aug 2022 – Present

Cumulative GPA: 3.68

M.A. In Developmental Psychology

Miami University | Oxford, OH

Aug 2022 – Dec 2025

Cumulative GPA: 3.68

Bachelor Of Science (B.S.) In Psychology

The Ohio State University | Columbus, OH

Aug 2019 - May 2022

Cumulative GPA: 3.38

College Credit Plus

University of Rio Grande | Rio Grande, OH

Aug 2017 - May 2019

Cumulative GPA: 3.33

Fellowships & Awards

Graduate Student Summer Research Fellowship

Miami University | Oxford, OH

2023-2025

Grant Writing Series Research Funding Awards

Miami University | Oxford, OH

Fall 2025

Research Experience

Graduate Assistantship

Miami University | Oxford, OH

Aug 2022 - Present

- Conduct research in developmental psychology with a focus on math confidence, maternal beliefs, and academic achievement in school-aged girls.
- Contribute to study design, data collection, and statistical analysis.
- Experience in both quantitative and qualitative methods, including thematic coding of audio and written transcripts.
- Collaborate with faculty and peers on conference presentations and publications.
- Provide academic and research guidance to undergraduate and graduate students in developmental psychology research.

Conference Presentations

Poster presented at the Midwestern Psychological Association Conference, Chicago, IL.

Cantrell, M., Lawal, A., Stemmerding, T., Johnson, J., Burlington, K., Zeng, N., Smolik, F., & Harris, Y. (2025, May). Does Maternal Math Belief Associate with Daughter's Math Performance?

Poster presented at the Midwestern Psychological Association Conference, Chicago, IL.

Cantrell, M., Lawal, A., Modirrousta, A., Poston, M., Buckley, M., Longville, E., Rosolanko, K., Seifert, E., Thomas, D., Johnson, J., Ellis, C., & Harris, Y. (2024, May). Does Math Confidence Mean Math Ability in School-Aged Girls?

Manuscripts in Preparation

Cantrell, M., Lawal, A., Jain, A., Modirrousta, A., Poston, M., Johnson, J., Burlington, K., Smolik, F., Zeng, N., Colvin, C., Johnson, J., & Harris, Y. R. (in preparation). The impact of COVID on math self-efficacy and math error performance in a sample of school-age girls.

Master's Thesis

Cantrell, M. (2025). The relationship between narrative skills and the PPVT in a sample of African American preschool children. (Master's thesis, Miami University).

Teaching & Mentorship Experience

Center for Psychological Inquiry (CPI)

Aug 2024 - Present

Miami University | Oxford, OH

- Manage undergraduate peer tutors providing academic support in psychology.
- Maintain and update a Canvas page with academic resources for students.
- Organize and host social and professional development events for psychology undergraduates.
- Mentor and train undergraduate peer tutors.

Graduate-Rinella Learning Center Student Employee

TCE 110: Learning Strategies for College Success

Aug 2024 – Present

- Taught undergraduate students strategies for academic achievement, study habits, and time management.
- Designed course materials and supported student academic success.

Teaching Assistant, PSY 294: Research Methods Lab

Aug 2022 – May 2024

Miami University | Oxford, OH

- Assisted students in experimental design, data collection, and statistical analysis.
- Provided feedback on APA-style writing and research reports.

Leadership & Service

Mock Interview Event

March 2023 & March 2024

- Volunteered twice where I interviewed graduate students and provided feedback on how to improve their interviewing skills and their resume.

Cost of Poverty Simulation (COPE): Reentry Edition

Sept 2023

- Volunteered to be a part of this simulation that expressed the challenges faced by individuals who are reentering society after incarceration.

Graduate Student Representative for Developmental Psychology Search Committee

Jan - May 2023

- Served as the student representative on a tenure-track faculty member search.
- Ran three graduate student luncheons for candidates to meet other students and determined what is needed from faculty in this department.

Professional Development

Grant Writing Series

Fall 2025

- Participated in a four-part series focused on developing skills in searching and writing grants.

CADS R-Coding Bootcamp

Fall 2025

- Participated in a four-part series focused on building skills using the statistical software R.

College Teaching Certificate

Exp. Dec 2025

- Completed multiple courses to improve my teaching skills and abilities.