

Gabriella Noreen

October 2022

Vanderbilt University, Peabody College
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Education

Vanderbilt University, Peabody College
Ph.D. in Psychological Sciences - Quantitative Methods *Expected May 2027*
Advisors: David Lubinski and Camilla P. Benbow
Russell G. Hamilton Scholar

Vanderbilt University, Peabody College
Bachelor of Science in Child Development *May 2019*
Minor in Quantitative Methods

Awards

Vanderbilt University Graduate Fellowship *Aug 2022 - May 2027*
Teaching Assistant of the Year Award *May 2022*
Department of Psychology and Human Development
Vanderbilt University

Research Experience

Study of Mathematically Precocious Youth *Nashville, TN*
Vanderbilt University, Peabody College *Aug 2021 - Present*
Graduate Research Assistant

- Conduct research on intellectually talented populations across the lifespan.
- Assist in developing grant proposals and literature reviews.
- Conduct data analyses using SPSS and RStudio software and manage laboratory operations.
- Manage participant contact information in FileMaker database.

Children's Learning Lab at Vanderbilt University *Nashville, TN*
Research Assistant *Jan 2017 - June 2022*

- Assisted in research focused on how children learn math concepts along with how children and parents discuss math when playing games and reading books.
- Collaborated with colleagues on data analyses and research papers.
- Recruited to teach a transcript coding scheme to a new group of research assistants in a neighboring psychology lab at Vanderbilt University.

The Carl Johnson Laboratory at Vanderbilt University *Nashville, TN*
Research Assistant *July 2020 - Feb 2021*

- Participated in experiments assessing biological clocks in cyanobacteria.
- Independently collected and analyzed data on mutation rates in cyanobacteria under variable conditions.
- Maintained cleanliness and organization throughout the lab.
- Presented findings at weekly lab meetings.

Refereed Publications

Zippert, E. L., Daubert, E. N., Scalise, N. R., **Noreen, G. D.**, & Ramani, G. B. (2019). "Tap space number three": Promoting math talk during parent-child tablet play. *Developmental Psychology*, 55(8), 1605-1614. DOI: 10.1037/dev0000769.

Presentations

Poster presentation, **Noreen, G. D.**, Zippert, E. L., Stuckelman, Z., Strouse, G., & Troseth, G. (2022, June 27-29). *Can built-in dialogic reading prompting sustainably promote caregiver-preschooler spatial talk during eBook reading?* National Research Conference on Early Childhood, virtual conference. <http://www.nrcec.net>.

Methodological Training and Instructors

Graduate: Quantitative Methods

Correlation & Regression
Psychological Measurement
Multilevel Modeling
Structural Equation Modeling
Individual Differences
Statistical Inference
Experimental Design
Factor Analysis
Introduction to Item Response Theory
Multivariate Statistics

Joseph Rodgers
David Lubinski
Kris Preacher
David Cole
Kira McCabe
Shane Hutton
Hao Wu
Kris Preacher
Sun-Joo Cho
Hao Wu

Graduate: Biostatistics

Introduction to Statistical Computing

Cole Beck

Undergraduate

Introduction to Statistical Analysis
Statistical Analysis

Maria Osina
Sonya Sterba

Teaching Assistantships

- Psychological Measurement
- Introduction to Statistical Analysis
- Introduction to Statistical Analysis

Fall 2022
Spring 2022
Spring 2018

Community Involvement

tnAchieves

Nashville, TN

Mentor

Feb 2022 - Present

- Provide guidance to high school seniors as they prepare to enroll in college and maintain eligibility for the Tennessee Promise Scholarship.
- Point of contact between students and the Tennessee Achieves Program to communicate application and eligibility-related information.