

# Gabriella D. Noreen

April 2023

Department of Psychology & Human Development  
Vanderbilt University, Peabody College  
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## Education

Vanderbilt University, Peabody College

**Ph.D. in Psychological Sciences - Quantitative Methods  
Biostatistics Minor**

*Expected May 2027*

*Expected May 2025*

Advisors: David Lubinski and Camilla P. Benbow

Vanderbilt University, Peabody College

**Bachelor of Science in Child Development  
Quantitative Methods Minor**

*May 2019*

## Awards

Vanderbilt University Graduate Fellowship

*Aug 2022 - May 2027*

Russell G. Hamilton Scholar

*Aug 2022 - May 2027*

Teaching Assistant of the Year Award

*May 2022*

Department of Psychology & Human Development  
Vanderbilt University, Peabody College

## Research Experience

### Study of Mathematically Precocious Youth

*Nashville, TN*

Department of Psychology & Human Development

*Aug 2021 - Present*

Vanderbilt University, Peabody College

Graduate Research Assistant

- Conduct research on intellectually talented populations across the lifespan.
- Assist in developing grant proposals through literature reviews and producing text for the narrative.
- 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

Noreen, G. D., Lubinski, D., & Benbow, C. P. (in preparation). Amplifying the signal: A mixed-methods exploration of precocious individuals' thoughts on educational practices.

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

Noreen, G. D., Lubinski, D., & Benbow, C. P. (under review). *Amplifying the signal: A mixed-methods exploration of precocious individuals' thoughts on educational practices*. (Oral or poster presentation) International Society for Intelligence Research. <https://isironline.org>.

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?* (Poster presentation) National Research Conference on Early Childhood, virtual conference. <https://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  
Nonparametric Statistics

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

Graduate: Biostatistics

Introduction to Statistical Computing  
Regression Modeling Strategies

Cole Beck  
Jonathan Schildcrout

Undergraduate

Introduction to Statistical Analysis  
Statistical Analysis

Maria Osina  
Sonya Sterba

## Teaching Assistantships

- Individual Differences (Graduate)
- Psychological Measurement (Graduate)
- Introduction to Statistical Analysis (Undergraduate)
- Introduction to Statistical Analysis (Undergraduate)

*Spring 2023*  
*Fall 2022*  
*Spring 2022*  
*Spring 2018*

## Community Involvement

tnAchieves  
Mentor

*Nashville, TN*  
*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.