Gabriella D. Noreen

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   *Expected Spring 2027*
Advisors: David Lubinski & Camilla P. Benbow

Vanderbilt University, Peabody College
M.S. in Psychological Sciences – Quantitative Methods   *Fall 2024*

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

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 and develop empirical studies on intellectually talented youth across their lifespan.
- Research and develop survey content for upcoming age 65 follow-up of SMPY Cohorts 1 and 2.
- 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.
- Respond to participants' queries and 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 press). In their own voice: Educational perspectives from intellectually precocious youth as adults. *Gifted Child Quarterly.*

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. (2024, July 29-31). *In their own voice: Educational perspectives from intellectually precocious youth as adults.* (Oral presentation) International Society for Intelligence Research. https://isironline.org.

Noreen, G. D., Lubinski, D., & Benbow, C. P. (2023, July 27-29). *Amplifying the signal: A mixed-methods exploration of precocious individuals' thoughts on educational practices.* (Oral 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	Joseph Rodgers
Psychological Measurement	David Lubinski
Multilevel Modeling	Kris Preacher
Structural Equation Modeling	David Cole
Individual Differences	Kira McCabe
Statistical Inference	Shane Hutton
Experimental Design	Hao Wu
Factor Analysis	Kris Preacher
Introduction to Item Response Theory	Sun-Joo Cho
Multivariate Statistics	Hao Wu
Nonparametric Statistics	Kris Preacher
Exploratory Data Analysis	Joseph Rodgers
Behavioral Data Science	Alexander Christensen

Graduate: Biostatistics

Introduction to Statistical Computing	Cole Beck
Regression Modeling Strategies	Jonathan Schildcrout
Fundamentals of Probability	Amber Hackstadt
Contemporary Statistical Inference	Robert Johnson

Undergraduate

Introduction to Statistical Analysis	Maria Osina
Statistical Analysis	Sonya Sterba

Teaching Experience

Programs for Talented Youth – Vanderbilt Summer Academy   *Nashville, TN*
Instructor   *June 2024*

- Developed and taught a course on Exploratory and Graphical Data Analysis to rising 9th and 10th graders (June 10-14) and rising 11th graders (June 24-28). Each week consisted of 30 hours of instructional time.
- Presented lectures on relevant topics and prepared engaging activities incorporating hands-on data analysis in Excel and RStudio.

Teaching Assistantships

- Multilevel Modeling (Graduate)   *Fall 2024*
- Psychological Measurement (Graduate)   *Fall 2024*
- Individual Differences (Graduate)   *Spring 2024*
- Psychological Measurement (Graduate)   *Fall 2023*
- Individual Differences (Graduate)   *Spring 2023*
- Psychological Measurement (Graduate)   *Fall 2022*
- Introduction to Statistical Analysis (Undergraduate)   *Spring 2022*
- Introduction to Statistical Analysis (Undergraduate)   *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.