

## CURRICULUM VITAE

**Elyssa A. Geer, Ph.D.**

**Assistant Professor**

**School of Special Education, School Psychology, and Early Childhood Studies**

**Anita Zucker Center for Excellence in Early Childhood Studies**

**University of Florida**

**PO Box 117050**

**Gainesville, FL 32611-7050**

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## RESEARCH

My research focuses on the development of spatial cognition and its impact on achievement in Science, Technology, Engineering, and Math (STEM). Specifically, my research has centered on understanding 1) the nature of the spatial-math link, 2) sex differences in spatial cognition, and 3) the role of domain-specific cognitive anxieties and other cognitive skills, such as executive function, in the spatial-math link. My goal is to identify factors that may help improve STEM outcomes, particularly in young children.

## EDUCATION

### *Graduate*

- 2021 Florida State University, Tallahassee, FL Ph.D.  
Developmental Psychology  
Dissertation: "Relations between Spatial and Math Skills in Elementary School Children: The Role of Domain-Specific Anxieties"  
Graduate Advisor: Dr. Colleen M. Ganley
- 2019 Florida State University, Tallahassee, FL M.S.  
Developmental Psychology  
Thesis: "The Development and Construct Validation of the Revised Spatial Anxiety Scale"  
Graduate Advisor: Dr. Colleen M. Ganley

### *Undergraduate*

- 2016 Rhodes College, Memphis, TN B.A.  
Psychology & Spanish

## PROFESSIONAL POSITIONS

- July 2024 – present Assistant Professor, *University of Florida, Gainesville, FL*  
Anita Zucker Center for Excellence in Early Childhood Studies  
School of Special Education, School Psychology, and Early  
Childhood Studies
- August 2022 – June 2024 Postdoctoral Researcher, *University of Oregon, Eugene, OR*  
Prevention Science Institute, College of Education  
Postdoctoral Advisor: Dr. Sara A. Schmitt
- August 2021 – August 2022 Postdoctoral Researcher, *Purdue University, West Lafayette, IN*  
Department of Human Development and Family Studies  
Postdoctoral Advisor: Dr. Sara A. Schmitt

## SUBMITTED GRANTS

### *Not Funded*

*Examining the Impact of Early Exposure to Technology on Cognition in Early Childhood* (2025-2027), Elyssa A. Geer (PI), Avery Closser (Co-PI), Lisa Scott (Co-PI), and Katy Chapman (Co-PI). Role: Principal Investigator, proposal for an internal grant through the 2025 Research Opportunity Seed Fund at the University of Florida.

*Identifying Domain-Specific Relations between Spatial and Math Anxieties and Skills in Adolescence* (2024-2025), Elyssa A. Geer (PI) and Sara A. Schmitt (Co-I). Role: Principal Investigator, proposal for a small grant from the Spencer Foundation

- Note: this grant is a resubmission of one that received good reviews in the December 2022 review cycle
- Note: this version of the grant made it to the finalist round for this cycle, placing it among the top 42 proposals for the 2023-2024 submission cycle.

*Partnering with Preschool Teachers to Support Knowledge Mobilization of Block Play Activities to the Classroom* (2023 – 2025), Sara A. Schmitt (PI) and others, Role: Co-Investigator, proposal for supplemental funding from the National Science Foundation.

## PUBLICATIONS

\* Refers to a mentored graduate student

### *Peer-Reviewed Publications*

1. Baumgartner, N. W., **Geer, E. A.**, Noh, K., Khatri, R. A., Lattyak, M., Hirai, D. M., Amireault, S., & Kao, S. (in press). Mind-muscle connections: Differential associations between handgrip and upper-body strength with cognitive function in young and middle-aged adults. *Journal of Sport and Exercise Psychology*.

2. Schmitt, S. A., Purpura, D. J., Duncan, R. J., Bryant, L. M., Zehner, T., Devlin, B. L., **Geer, E. A.**, & Paes, T. M. (2025). Testing Block Play as an Effective Mechanism for Promoting Early Math, Executive Function, and Spatial Skills in Preschoolers from Low-Income Backgrounds. *Early Childhood Research Quarterly*, *71*, 163-173. <https://doi.org/10.1016/j.ecresq.2024.12.011>
3. Devlin, B. L., **Geer, E. A.**, Finders, J. K., Zehner, T. M., Duncan, R. J., Purpura, D. J., & Schmitt, S. A. (2024). Patterns of individual differences in executive functions for preschoolers from low-income backgrounds: Associations with pre-academic skills. *Learning and Individual Differences*, *114*, 102498. <https://doi.org/10.1016/j.lindif.2024.102498>
4. Bryant, L. M.\*, Westerberg, L.\*, Devlin, B. L., Paes, T. M., **Geer, E. A.**, Katyayan, A., Morse, K. M., O'Brien, G., Purpura, D. J., & Schmitt, S. A. (2024). Capturing math language use during block play: Creation of the spatial and quantitative mathematical language coding system. *Journal of Numerical Cognition*, *10*, e11589. <https://doi.org/10.5964/jnc.11589>
5. Zehner, T. M.\*, Paes, T. M., Devlin, B. L., **Geer, E. A.**, Posada, G., Duncan, R. J., Purpura, D. J., & Schmitt, S. A. (2024). Social–emotional competence as a predictor of early numeracy skills. *Early Education and Development*. Advance online publication. <https://doi.org/10.1080/10409289.2024.2360878>
6. **Geer, E. A.**, Barroso, C., Conlon, R. A., Dasher, J. M., & Ganley, C. M. (2024). A meta-analytic review of the relation between spatial anxiety and spatial skills. *Psychological Bulletin*, *150*(4), 464–486. <https://doi.org/10.1037/bul0000420>
7. Devlin, B. L., Paes, T. M., **Geer, E. A.**, Bryant, L. M., Zehner, T. M., Korucu, I., Morse, K., Duncan, R. J., Purpura, D. J., & Schmitt, S. A. (2023). Moving beyond dosage and adherence: A protocol for capturing dimensions of active child engagement as a measure of fidelity for social-emotional learning interventions. *Frontiers in Psychology*, *13*, 1014713. <https://doi.org/10.3389/fpsyg.2022.1014713>
8. **Geer, E. A.**, & Ganley, C. M. (2023). Sex differences in social and spatial perspective taking: A replication and extension of Tarampi et al. (2016). *Quarterly Journal of Experimental Psychology*, *76*(1), 93-108. <https://doi.org/10.1177/17470218221085117>
9. Atit, K., Power, J. R., Pigott, T., Lee, J., **Geer, E. A.**, Uttal, D. H., Ganley, C. M., & Sorby, S. A. (2022). Examining the relations between spatial skills and mathematical performance: A meta-analysis. *Psychonomic Bulletin & Review*, *29*, 699-720. <https://doi.org/10.3758/s13423-021-02012-w>
10. Ganley, C. M., Conlon, R. A., McGraw, A. L., Barroso, C., & **Geer, E. A.** (2021). The effect of brief anxiety interventions on reported anxiety and math test performance. *Journal of Numerical Cognition*, *7*(1), 4-19. <https://doi.org/10.5964/jnc.6065>

11. Barroso, C., Ganley, C. M., McGraw, A. L., **Geer, E. A.**, Hart, S. A., & Daucourt, M. (2021). A meta-analysis of the relation between math anxiety and math achievement. *Psychological Bulletin*, 147(2), 134-168. <https://doi.org/10.1037/bul0000307>
12. **Geer, E. A.**, Quinn, J. M., & Ganley, C. M. (2019). Relations between spatial skills and math performance in elementary school children: A longitudinal investigation. *Developmental Psychology*, 55(3), 637-652. <http://dx.doi.org/10.1037/dev0000649>

### ***Journal Articles Under Review and In Revisions***

1. Devlin, B. L., Serban-Dragan, F., **Geer, E. A.**, Zehner, T. M., Duncan, R. J., Purpura, D. J., Schmitt, S. A. (under review). *Skill variability within play groups and response to a preschool block play intervention.*
2. Zehner, T. M.\*, Devlin B. L., Sandel, J. E., **Geer, E. A.**, Finders, J. K., Paes, T. M., Duncan, R. J., Purpura D. J., Schmitt, S. A. (under review). *Synergistic relations of teacher and parent burnout and preschooler's social-emotional competence and behavioral self-regulation.*
3. Conlon, R.A., **Geer, E.A.**, Barroso, C., Burrell, N., & Ganley, C.M. (under review). A meta-analysis of the relation between math interest and math achievement.
4. Schmitt, S. A., Devlin, B. L. **Geer, E. A.**, Palos, S., Zehner, T., Serban-Dragan, F.-B., Brown Campbell, K. A., Jiang, Y., Callendar, A., Wilke, E., & Purpura, D. J. (under review). Executive function, math, and spatial skills in preschool Spanish-speaking English Learners and monolingual English speakers in a low-income sample.
5. **Geer, E. A.**, Devlin, B. L., Zehner, T., Korucu, I., Bryant, L. M., Purpura, D., Duncan, R., & Schmitt, S. A. (under review after revision). Predictors of mathematical skill in preschoolers: Does executive function moderate the spatial-math link?

### ***Pre-prints***

1. Poisall, M. B., Cook, O. K., Hart, S. A., Conlon, R. A., Barroso, C., **Geer, E. A.**, & Ganley, C. M. (preprint). Relations between parents' math anxiety and children's math learning, and the role of homework help. <https://doi.org/10.31234/osf.io/7q4vr>

## **SCHOLARLY PRESENTATIONS**

\* Refers to a mentored graduate student

### ***National and International Conferences***

1. Jiang, Y.\*, Zhang, Y., Campbell, K. B., Zhong, T., Zehner, T., James, V., Devlin, B., **Geer, E. A.**, & Shire, S. Y. (2025, April 30-May 3). A systematic review of adult-reported self-

- regulation measurement in children aged 0-8 years [Poster presentation]. International Society for Autism Research (INSAR) Annual Meeting, Seattle, WA, United States.
2. Devlin, B. L., **Geer, E. A.**, Zehner, T. M., Finders, J., Duncan, R. J., Purpura, D. J., & Schmitt, S. A. (2024, March). *Individual differences in executive functions for preschoolers from low-income backgrounds: Associations of profiles with pre-academic skills* [Paper presentation]. 2024 Biennial Meeting of the Cognitive Development Society, Pasadena, CA, United States.
  3. Devlin, B. L., Bryant, L. M., Westerberg, L. M., White, A. M., **Geer, E. A.**, Zehner, T. M., Paes, T. M., Duncan, R. J., Purpura, D. J., & Schmitt, S. A. (2023, June). Coding preschoolers' quantitative and spatial mathematical language-use during block play [Paper presentation]. In L. Westerberg (Chair), *How much and where: Conceptualizing and measuring different types of children's mathematical language*. 2023 Annual Meeting of the Mathematical Cognition and Learning Society, Loughborough, UK.
  4. **Geer, E. A.**, Devlin, B. L., Korucu, I., Bryant, L., Purpura, D. J., Duncan, R. J., & Schmitt, S. A. (2023, June). *Does executive function moderate and/or mediate the spatial-math link?* [Poster presentation]. 2023 Meeting of the Mathematical Cognition and Learning Society, Loughborough, UK.
  5. Ganley, C. M., Maghami Sharif, Z., Burrell, N., Conlon, R. A., **Geer, E. A.**, & Barroso, C. (2023, June). *Measuring and correlating math anxiety, interest, and confidence in primary school children* [Paper presentation]. 2023 Meeting of the Mathematical Cognition and Learning Society, Loughborough, UK.
  6. Westerberg, L. M.\*, Devlin, B. L., Ellis, A. E., Zippert, E. I., Bryant, L., King, Y., **Geer, E. A.**, Duncan, R. J., Schmitt, S. A., & Purpura, D. J. (2023, June). Examining the factor structure of mathematical language [Paper presentation]. In L. Westerberg (Chair), *How much and where: Conceptualizing and measuring different types of children's mathematical language*. 2023 Annual Meeting of the Mathematical Cognition and Learning Society, Loughborough, UK.
  7. Hart, S. A., Barroso, C., **Geer, E. A.**, Conlon, R. A., & Ganley, C. M. (2023, May). *Relations between parent math anxiety and child math learning and the role of homework help* [Presentation]. Annual Meeting, American Educational Research Association, Virtual.
  8. Devlin, B. L., Paes, T. M., **Geer, E. A.**, Bryant, L. M., Zehner, T. M., Korucu, I., Morse, K., Duncan, R. J., Purpura, D. J., & Schmitt, S. A. (2023, March). Applying a protocol for capturing young children's engagement as a measure of implementation fidelity of a semi-structured block play intervention [Paper presentation]. In B. Devlin (Chair), *Unpacking the black box of early interventions through broadened measurement of implementation fidelity*. 2023 Biennial Meeting of the Society for Research in Child Development, Salt Lake City, Utah, United States.
  9. Schmitt, S.A., Purpura, D. J., Duncan, R. J., Bryant L. M., Zehner, T. M., Devlin, B. L.,

- Geer, E. A., & Paes, T. M.** (2023, March). Examining causal connections between block play, mathematics, and executive function [Paper presentation]. In I. Patwardhan (Chair), *Evaluating preschool and school-age interventions that promote self-regulation and executive function skills in children*. 2023 Biennial Meeting of the Society for Research in Child Development, Salt Lake City, Utah, United States.
10. Closser, A. H., Westerberg, L., **Geer, E. A.**, Duncan, R., Schmitt, S., & Purpura, D. (2023, March). *How do spatial skills take shape? Examining preschoolers' performance on 2D and 3D assembly tasks* [Poster presentation]. 2023 Society for Research in Child Development (SRCD) Biennial Meeting, Salt Lake City, Utah, United States.
  11. Zehner, T. M.\*, Paes, T. M., Devlin, B. L., **Geer, E. A.**, Posada, G., Duncan, R.J., Purpura, D. J., & Schmitt, S. A. (2023, March). *Social skills subscales and preschool math skills* [Poster presentation]. 2023 Biennial Meeting of the Society for Research in Child Development, Salt Lake City, Utah, United States.
  12. Zehner, T. M.\*, Devlin, B. L., Paes, T. M., **Geer, E. A.**, Duncan, R. J., Purpura, D. J., & Schmitt, S. A. (2023, March). *Teacher and parent burnout associations with preschool social and self-regulatory development* [Poster presentation]. 2023 Biennial Meeting of the Society for Research in Child Development, Salt Lake City, Utah, United States.
  13. **Geer, E. A.**, Devlin, B. L., Korucu, I., Bryant, L., Purpura, D., Duncan, R., & Schmitt, S. A. (2022, June). Predictors of mathematical skill in preschoolers: Does executive function impact the spatial-math link? [Paper presentation]. In I. Coolen (Chair), *Understanding cognitive foundations of mathematics across development* [Symposium]. Math Cognition and Learning Society Conference, Antwerp, Belgium.
  14. **Geer, E. A.**, & Ganley, C. M. (2021, October). Relations between spatial and math skills in elementary school children: The role of domain-specific anxieties [Paper presentation]. In M. DePascale (Chair), *Math anxiety: Examining child outcomes and contextual factors in early and middle childhood* [Symposium]. Virtual Meeting of the Math Cognition and Learning Society Conference.
  15. **Geer, E. A.**, Conlon, R., Barroso, C., Dasher, J. M., & Ganley, C. M. (2021, April). *A meta-analysis of the relation between spatial anxiety and spatial skills* [Poster presentation]. Society for Research in Child Development (SRCD) Conference, Online.
  16. Burrell, N., Conlon, R. A., **Geer, E. A.**, Ganley, C. M., & Hart, S. A. (2020, October). *Examining the home math environment as a mediator of the relation between parent and child math anxiety* [Poster session]. Home Mathematics Environment Virtual Conference, Virtual.
  17. Ganley, C. M., Barroso Garcia, C., **Geer, E. A.**, Conlon, R. A., Schoen, R. & Schatschneider, C. (2020, April). *Teacher math knowledge, anxiety, and mind-sets as predictors of instructional practices and student math learning* [Symposium]. AERA

Annual Meeting San Francisco, CA, United States. <http://tinyurl.com/qsw529g>  
(Conference canceled due to COVID-19 pandemic)

18. **Geer, E. A.**, Ganley, C. M., Barroso, C., Schoen, R. C., & Schatschneider, C. (2020, June). *Examining predictors of math achievement in elementary aged children* [Accepted poster session]. Math Cognition and Learning Society (MCLS) Conference, Dublin, Ireland. (Conference cancelled due to COVID-19 pandemic)
19. **Geer, E. A.**, & Ganley, C. M. (2019, July). *Sex differences in social and spatial perspective taking: A replication and extension of Tarampi et al. (2016)* [Presentation as a talk]. International Society for Intelligence Research, Minneapolis, MN, United States.
20. Ganley, C. M., Barroso, C., **Geer, E. A.**, Conlon, R., McGraw, A. L., Schoen, R. C., & Schatschneider, C. (2019, March). *Mathematics anxiety in kindergarten students: Relations with mathematics performance* [Presentation]. Biennial meeting of the Society for Research in Child Development, Baltimore, MD, United States.
21. **Geer, E. A.**, Ganley, C. M., Barroso, C., Schoen, R. C., & Schatschneider, C. (2019, March). *The Relation between mathematics and spatial reasoning: Examining anxiety and performance in children* [Presentation]. Biennial meeting of the Society for Research in Child Development, Baltimore, MD, United States.
22. Ganley, C. M., McGraw, A. L., Barroso, C., & **Geer, E. A.** (2018, April). *Examining potential bidirectional relations between math anxiety and performance in elementary school* [Presentation]. Conference of the Mathematical Cognition and Learning Society, Oxford, UK.
23. **Geer, E. A.**, Quinn, J. M., & Ganley, C. M. (2018, April). *A longitudinal investigation of the relations between spatial skills and math performance in elementary school children* [Presentation]. Conference of the Mathematical Cognition and Learning Society, Oxford, UK.
24. Ganley, C. M., McGraw, A., Barroso, C., & **Geer, E. A.** (2017, April). *Testing for bidirectional relations between math anxiety and math performance in elementary school* [Poster presentation]. SRCD Biennial Meeting, Austin, TX, United States.
25. **Geer, E. A.**, & Ganley, C. M. (2017, April). *The development of spatial thinking and relations between spatial skills and math* [Poster presentation]. SRCD Biennial Meeting, Austin, TX, United States.

### ***Local Conference and Colloquium Participation***

1. **Geer, E. A.** (2021, December). *A tale of failed replication* [Research talk]. ReproducibiliTEA Seminar Series within the Human Development and Family Studies Department at Purdue University, West Lafayette, IN, United States.

2. **Geer, E. A.** (2021, November). *Intro to meta-analysis: Advice from experience*. [Statistical training talk]. Seminar Series for the Center for Early Learning at Purdue University, West Lafayette, IN, United States.
3. **Geer, E. A.** (2021, October). *Spatial development in children: The role of mathematics and domain-specific anxieties* [Research talk]. Health & Kinesiology Department Seminar at Purdue University, West Lafayette, IN, United States.
4. **Geer, E. A.**, Barroso, C., Conlon, R. A., Dasher, J. M., & Ganley, C. M. (2021, April). *A meta analysis of the relation between spatial anxiety and spatial skills* [Presented as a talk]. FSU Department of Psychology Graduate Research Day, Tallahassee, FL, United States.
5. Conlon, R. A., Ganley, C. M., Barroso, C., McGraw, A. L., & **Geer, E. A.** (2019, April). *Exploring gender differences in the career aspirations of early elementary school children* [Poster session]. FSU Department of Psychology Graduate Research Day, Tallahassee, FL, United States.
6. **Geer, E. A.**, Ganley, C. M., Barroso, C., Schoen, R. C., & Schatschneider, C. (2019, April). *The relation between mathematics and spatial reasoning: Examining anxiety and performance in children* [Poster presentation]. Annual FSU Department of Psychology Graduate Research Day Poster Session, Tallahassee, FL, United States.
7. **Geer, E. A.**, & Ganley, C. M. (2018, September). *Sex differences in social and spatial perspective taking: A replication and extension of Tarampi et al. (2016)* [Presented as a talk]. Cognitive Psychology Brown Bag, Tallahassee, FL, United States.
8. **Geer, E. A.**, & Ganley, C. M. (2017). *The development of spatial thinking and relations between spatial skills and math* [Poster presentation]. FSU Department of Psychology Graduate Research Day, Tallahassee, FL, United States.

## **WORKSHOPS ORGANIZED**

### **Meta-Analysis: Advice from Experience**

*Advanced Methods at Purdue (AMAP) in Behavioral, Health, and Social Sciences*

Purdue University, West Lafayette, IN.

February 25th, 2022

- Invited as an expert on meta-analysis to extend a previous talk I had given and develop a three-hour, interactive workshop for the Advanced Methods at Purdue program about the use of meta-analysis in social sciences.

## **RESEARCH EXPERIENCE**

### ***Postdoctoral Research***

*Prevention Science Institute*



University of Oregon, Eugene, OR, *Postdoctoral Researcher*, August 2022-June 2024

- Postdoctoral Researcher on National Science Foundation Grant – Examining Causal Connections and Mechanisms between Block Play and Mathematics Project, August 2021-June 2024

*Center for Early Learning*

Purdue University, West Lafayette, IN, *Postdoctoral Researcher*, August 2021-August 2022

Lab P.I.: Sara Schmitt

- Postdoctoral Researcher on National Science Foundation Grant – Examining Causal Connections and Mechanisms between Block Play and Mathematics Project, August 2021-present
- Note: this project and ongoing collaborations continued after moving to the University of Oregon

*Physical Activity & Neurocognitive Health Lab*

Purdue University, West Lafayette, IN, *Researcher*, August 2021-August 2022

Lab P.I.: Shih-Chun (Alvin) Kao

- Researcher – Observed and engaged in the collection of EEG data on a variety of measures. Collaborating on a project involving the association of different aspects of physical fitness (e.g., cardiorespiratory fitness, muscular fitness) with higher-order cognition such as spatial cognition, executive function, and memory.
- Note: Collaborations with this lab continued after moving to the University of Oregon

***Graduate Research***

*Math Thinking and Learning Lab*

Florida State University, Tallahassee, FL, *Graduate Research Assistant*, August 2016-August 2021

Lab P.I.: Colleen M. Ganley, Ph.D.

- Research Assistant on Institute of Education Sciences Grant – Research on Experiences, Attitudes, and Learning in Mathematics (REALM) Project, August 2018-August 2021

**TEACHING EXPERIENCE**

***Graduate Teaching Experience***

*University of Oregon*

September 2022 – June 2024

Co-Instructor of Record, Graduate Grant Writing, Department of Special Education

- In Fall 2022 and Fall 2023, co-instructed a graduate level course with postdoctoral mentor: Dr. Sara A. Schmitt.

***Undergraduate Teaching Experience***

*Florida State University*

January 2019 – August 2021

Instructor of Record, Child Psychology, Department of Psychology

- In Spring 2020, Fall 2020, and Summer 2021, due to the COVID-19 outbreak, I was able to gain experience teaching online/remote coursework. In all, I taught five sections of this course.

*Florida State University*

August 2017 – April 2018

Teaching Assistant, Research Methods Laboratory, Department of Psychology

- In all, I taught three sections of this course.

## COMMITTEE AND COMMUNITY WORK

College of Education Scholarship Committee

January 2025-present

*Member of the College of Education Scholarship Committee at the University of Florida for the 2025-2026 school year.*

USA Track & Field Official

March 2023-present

*Volunteer as an official for track and field meets, including the Junior Olympics in July 2023.*

Role: Official, Registered with USATF

Providing Opportunities for Women in Education Research  
(POWER)

March 2017-present

Membership Committee (November 2022-Present); Member (March 2017-Present)

*Organization dedicated to connecting, supporting, and advocating for researchers who identify as women or non-binary in the fields of education and child development.*

Math Cognition and Learning Society Mentorship Program

August 2022-present

*Virtual mentorship program hosted by the Math Cognition and Learning Society to encourage collaboration and networking internationally. Role: Mentor*

Office of the Vice President for Research's Diversity, Equity,  
and Inclusion Committee (DEIC)

July 2023-2024

*Member of the Office of the Vice President for Research & Innovation's Diversity, Equity, and Inclusion Committee at the University of Oregon, Eugene, OR.*

Cognitive-Development Society Mentorship Program

May 2023-August 2024

*Virtual mentorship program hosted by the Cognitive Development Society to pair early career mentors (graduate students and postdocs) with mentees to provide valuable insights, guidance and advice on topics of interest to mentees. Role: Mentor*

Rhodes Winter Mentoring Program

December 2021-August 2024

*Virtual mentorship program hosted by Rhodes College, Memphis, TN. Role: Mentor*

Next-Gen Psych Scholars Program (NPSP)

October 2021-August 2024

*Virtual graduate student-led mentorship program for underrepresented undergraduates and post-baccalaureates interested in applying to PhD programs. Role: Mentor*

Center for Early Learning August 2021-June 2024  
*Department of Human Development and Family Studies, Purdue University, West Lafayette, IN*

HHS Diversity, Equity, and Inclusion Science Consortium August 2021-August 2022  
*College of Health and Human Sciences, Purdue University, West Lafayette, IN*

Graduate Student Advisory Committee (GSAC) January 2017- August 2021  
*Department of Psychology, Florida State University, Tallahassee, FL*

Center for Developmental Science (CDS) January 2017-August 2021  
*Department of Psychology, Florida State University, Tallahassee, FL*

### **PROFESSIONAL AFFILIATIONS**

Society for Research in Child Development (SRCD) 2017 – present

Math Cognition and Learning Society (MCLS) 2017 – present

Cognitive Developmental Society (CDS) 2024 – present

International Society for Intelligence Research (ISIR) 2019 – 2020

### **PROFESSIONAL ACTIVITIES**

#### ***Grant Reviewer***

Panel Member 2025  
National Science Foundation, Division of Research on Learning in Formal and Informal Settings (DRL)

Panel Member 2024  
National Science Foundation, Division of Research on Learning in Formal and Informal Settings (DRL)

Panel Member 2023  
National Science Foundation, Education and Human Resources Directorate, ECR: Core

#### ***Reviewer for Conference Presentations***

American Educational Research Association 2023 – present

#### ***Ad-Hoc Reviewer***

Journal of Numerical Cognition 2021 – present

Journal Cognition	2021 – present
Psychonomic Bulletin & Review	2022 – present
Education Sciences	2022 – present
Journal of Educational Psychology	2022 – present
Journal of Cognition	2022 – present
Scientific Reports	2022 – present
Psychology Research and Behavior Management	2022 – present
Cogent Psychology	2023 – present
Journal of Intelligence	2023 – present
Behavioral Sciences	2023 – present
Quarterly Journal of Experimental Psychology	2024 – present
Journal of Psychology: Interdisciplinary and Applied	2024 – present
Developmental Psychology	2024 – present
Learning and Individual Differences	2024 – present
Frontiers	2025 – present

## **DISSERTATION, THESES, AND FINAL RESEARCH PROJECT COMMITTEES**

### ***Current Doctoral and Dissertation Committees***

#### *Committee Member*

Shayn Thompson – College of Education (Special Education/Early Childhood Studies), University of Florida (Expected 2026)

Caeli Cormier – College of Liberal Arts and Sciences (Psychology), University of Florida (Expected 2026)

## STUDENT MENTORING

†Indicates a student that was mentored during Postdoctoral positions

\*Indicates a student who was mentored through the NPSP program

\*\*Indicates a student who was mentored through the MCLS Mentorship Program

\*\*\*Indicates a student who was mentored through the CDS Mentorship Program

### *Prospective Graduate Students*

Barefoot, K.\*

### *Current Graduate Students*

Jiang, Y. †

Chernikova, M.\*

Zehner, T.†

Jeffries, I.\*\*\*

Sortino, R.\*\*

### *Former Graduate Students*

Bryant, L.†

Conlon, R.†

Rao, V.\*\*

Westerberg, L.†

### *Undergraduate Students*

Cormier, C. (2019, Spring/Fall). Relationship between parenting style and dissociative symptoms in children between ages 6-8. Honors Thesis successfully defended in Fall 2019. Department of Psychology, College of Arts and Sciences, Florida State University

## AWARDS & HONORS

### *Postdoctoral*

- Purdue Postdoctoral Travel Grant, Spring 2022

### *Graduate*

- Pi Gamma Mu International Honor Society in Social Sciences Member, Spring 2020-Present.
- The National Society of Leadership and Success Member, Spring 2020-Present.
- Golden Key Honor Society Member Fall 2017-Present
- Russell and Eugenia Morcom GRD Excellence Award Winner for Best Developmental Area Poster, Spring 2019
- Congress of Graduate Students travel grant, Spring 2017, 2018, & 2019
- Jane M. West Scholarship, Fall 2016, Spring 2017, & Fall 2017

## PROFESSIONAL DEVELOPMENT AND TRAINING

Edge For Scholars Online Grant Writing Workshop Online asynchronous grant writing workshop conducted by Sarah Dobson.	October 2022- January 2023
12 <sup>th</sup> Annual Conference for Assistant Professors Two-Day Conference on “Institutional Resources to Soar to Promotion” Purdue University, IN	October 2021
AERA Virtual Research Learning Series RL-8: Using Factor Analysis for Survey Design and Validation	September 2020
RL-4: Introduction to Systematic Review and Meta-Analysis	June 2020
Schotz Methods Workshop Series Bayesian Statistics Workshop with Dr. David Kaplan	September 2019
Program for Instructional Excellence at Florida State University Two-Day Mandatory Teaching Workshop offered by the Graduate School	August 2016