

Sivan Lurie

Department of Human Development and Quantitative Methodology
University of Maryland, College Park
slurie@umd.edu

EDUCATION

- 2023–Present PhD in Human Development, University of Maryland, College Park
Specialization in Developmental Science
Advisor: Geetha B. Ramani
- 2023–2026 Post-Baccalaureate Certificate in Quantitative Methodology: Measurement
and Statistics, University of Maryland, College Park
Advisor: Laura Stapleton
- 2019–2023 BPhil (Summa Cum Laude) in Psychology, University of Pittsburgh
Minor in Applied Statistics, Classical Civilizations, and Italian
Thesis: *Parental Math Engagement in Preterm and Full-Term Toddlers*
Advisor: Melissa E. Libertus

RESEARCH TRAINING

- 2023–Present University of Maryland
Early Childhood Interaction Lab
Graduate Student Researcher
Advisor: Geetha B. Ramani
- 2021–2023 University of Pittsburgh, Learning Research and Development Center
Kid's Thinking Lab
Undergraduate Research Assistant
Advisor: Melissa E. Libertus
- 2020–2023 University of Pittsburgh, Office of Child Development
Evaluation and Research Team
Undergraduate Research Intern
Advisor: Caitlin F. Spear

FELLOWSHIPS & GRANTS

- 2025–2028 Graduate Research Fellowship (\$158,000)
U.S. National Science Foundation
- 2024 Bruce W. Sorter Endowed Fellowship (\$2,000)
University of Maryland Department of Human Development & Quantitative
Methodology
- 2023–2028 Flagship Fellowship (\$60,000)
University of Maryland Graduate School
- 2023–2025 Dean's Fellowship (\$20,000)
University of Maryland Graduate School

2022–2023	Bachelor of Philosophy Research Grant (\$1,000) University of Pittsburgh Frederick Honors College
2022	Brackenridge Summer Research Fellowship (\$4,000) University of Pittsburgh Frederick Honors College
2021	University Honors College Research Fellowship (\$1,000) <i>Declined due to scheduling conflict</i> University of Pittsburgh Frederick Honors College
2020	Jewish Learning Fellowship (\$3,500) University of Pittsburgh
2019–2023	Chancellor’s Merit Scholarship (\$40,000/year) University of Pittsburgh Frederick Honors College

AWARDS AND HONORS

2024–2026	Travel Award (\$800/year) University of Maryland Department of Human Development & Quantitative Methodology
2023	Frederick Honors College Distinction University of Pittsburgh Frederick Honors College
2023	Psychology Departmental Honors University of Pittsburgh Dietrich School of Arts and Sciences
2022	Psi Chi International Honor Society University of Pittsburgh

MANUSCRIPTS IN PREPARATION

(*) Indicates mentored undergraduate student

1. **Lurie, S.**, Grose, G., *Unguru, A., Wei, Z., Rowe, M., Ramani, G. (In Preparation). *Sum support: parent, child, and contextual characteristics influencing caregiver praise in informal math play.*
2. Lurie, S., Silver, A., Libertus, M., (in prep). *Parental Math Engagement in Preterm and Full-Term Toddlers.*
3. Grose, G., **Lurie, S.**, Shine, H., & Ramani, G. (In Preparation). *“Being a mathematician” does not affect children’s persistence on math tasks.*

SCHOLARLY PRESENTATIONS

Oral Presentations

Presenting authors in *italics*

(*) Indicates mentored undergraduate student

1. **Lurie, S.**, *Unguru, A., Ramani, G. (2026, June). *When the going gets tough: parental praise during challenging preschool math activities*. In Y. Shen & **S. Lurie** (Chair). *Beyond main effects in early mathematics: contextual and behavioral moderators*. Paper symposium presented at the Math Cognition and Learning Society Annual Meeting, Padua, Italy.
2. *Ramani, G.*, Grose, G. E., **Lurie, S.**, Ascanio, M., Yang, Q. T., Asad, N., Wei, Z., & Rowe, M. (2026, June). Families count: A home-based intervention to enhance parents' math communication and preschoolers' number knowledge. In G. Ramani & M. Rowe (Chairs). *Not all Play is Equal: Playful Math Interventions for Preschool and Elementary-Age Children*. Paper symposium presented at the Math Cognition and Learning Society Annual Meeting, Padua, Italy.
3. Montagut, M., **Lurie, S.**, Wei, Z., Rowe, M., & Ramani, G. B., (2026, June). Exploring parents' math-related communication in relation to children's arithmetic strategies. Individual talk presented at Mathematical Cognition and Learning Society Annual Meeting, Padua, Italy.
4. **Lurie, S.**, Grose, G., Yang, T., Asad, N., Montagut, M., Rowe, M., Ramani, G. (2025). *Beliefs at Play: Examining Parental Beliefs and Praise During Preschool Math Interactions*. In S. Vazquez & S. Eason (Chair). *Understanding Parent Practices and Perspectives During Informal STEM Learning for Early Childhood*. Paper symposium presented at the Biennial Meeting of the Society for Research in Child Development, Minneapolis, MN.
5. **Lurie, S.**, Silver, A., Libertus, M. (2024). *Multidimensionality of Home Math Engagement: Examined Through a Comparison of Preterm and Full-Term Toddlers*. Flash talk presented at the 2024 Meeting of the Mathematical Cognition and Learning Society, Washington, D.C.

Poster Presentations

Presenting authors in *italics*

(*) Indicates mentored undergraduate student

1. **Mendoza, J.*, **Lurie, S.**, & Ramani, G. (2026). *Assessing links between spatial and numeracy skills*. [Poster]. Undergraduate Research Day, College Park, MD.
2. **Kumar, S.*, **Lurie, S.**, Montagut Ascanio, M., & Ramani, G. (2026). *Spatial Performance and Activity Interest in Early Childhood*. [Poster]. Undergraduate Research Day, College Park, MD.
3. **Polotsky, R.*, **Lurie, S.**, & Ramani, G. (2026). *Summing up words: literacy engagement as a predictor of early math performance*. [Poster]. Undergraduate Research Day, College Park, MD.

4. *Polotsky, R., **Lurie, S.**, & Ramani, G. (2026). *Summing up words: literacy engagement as a predictor of early math performance*. Poster presented at The University of Maryland Evening with Neuroscience, College Park, MD.
5. *Weeks, C., **Lurie, S.**, Asad, N., & Ramani, G. (2025). *Reading into Gender: Patterns in Home Math and Literacy Activities*. Poster presented at Undergraduate Research Day, College Park, MD.
6. **Lurie, S.**, Silver, A., Libertus, M. (2024). *Parental Math Engagement in Preterm and Full-Term Toddlers*. Poster presented at Cognitive Development Society, Pasadena, CA.
7. **Lurie, S.**, Silver, A., Libertus, M. (2023). *Parental Number Talk in Preterm and Full-Term Toddlers*. Poster presented at the University of Pittsburgh Frederick Honors College Research Symposium, Pittsburgh, PA.
8. **Lurie, S.**, Silver, A., Libertus, M. (2023). *Parental Number Talk in Preterm and Full-Term Toddlers*. Poster presented at the University of Pittsburgh Psychology Undergraduate Research Fair, Pittsburgh, PA.
9. **Lurie, S.**, Silver, A., Libertus, M. (2022). *Investigating Home Math Learning of Preterm Toddlers*. Poster presented at the University of Pittsburgh Spring Undergraduate Research Fair, Virtual.

Local Talks

1. April 2025: *Beliefs at Play: Examining Parental Beliefs and Praise during Preschool Math Interactions*. Short talk presented at the *Human Development Colloquium Series* (Student Presentation Session), University of Maryland, College Park.
2. October 2024: *Nuances of Home Math Engagement: A Comparative Study of Preterm and Full-Term Toddlers*. Short talk presented at the *Human Development Colloquium Series* (Student Presentation Session), University of Maryland, College Park.

Panels

1. March 2024: *Child Development Association Club Graduate Student Panel*, University of Pittsburgh, Virtual.
2. April 2023: *Frederick Honors College Bachelor of Philosophy Candidate Panel*, University of Pittsburgh, PA.
3. September 2022: *Psychology and Neuroscience Undergraduate Research Panel*, University of Pittsburgh, PA.

TEACHING EXPERIENCE

Spring 2026 Guest Lecturer, EDHD 412: Infant Development.
 Topic: Math Development in Infancy

Fall 2025	Guest Lecturer, EDHD 411: Child Growth and Development. Topic: Parenting in Practice Discussion
Fall 2025	Guest Lecturer, EDHD 412: Infant Development. Topic: Math Development in Infancy
Fall 2025	Guest Lecturer, EDHD 420: Cognitive Development and Learning. Topic: Numerical Cognition from Infancy to Early Childhood
Fall 2024	Teaching Assistant, EDHD 413: Adolescent Development. Professor: Dr. Geetha Ramani, University of Maryland Guest Lectures: Parenting Adolescents Discussion; Peers and Friendships; Achievement Motivation <u>Overall Teaching Effectiveness: 3.8/4</u> <u>Overall Diversity and Inclusion Effectiveness: 3.9/4</u>
Summer 2024	Teaching Assistant, EDHD 413: Adolescent Development (Online). Professor: Dr. Lauren Trakhman, University of Maryland Guest Lecture: Autonomy and Moral Development
Spring 2024	Teaching Assistant, EDHD 413: Adolescent Development. Professor: Dr. Geetha Ramani, University of Maryland Guest Lecture: Peers and Friendships in Adolescence <u>Overall Teaching Effectiveness: 3.6/4</u> <u>Overall Diversity and Inclusion Effectiveness: 3.7/4</u>
Fall 2023	Teaching Assistant, EDHD 413: Adolescent Development. Professor: Dr. Christina Edmonds, University of Maryland <u>Overall Teaching Effectiveness: 3.6/4</u> <u>Overall Diversity and Inclusion Effectiveness: 3.3/4</u>
Spring 2022	Assistant Teacher, 6 th - and 8 th -grade English classes. Istituto Comprensivo “Gandhi,” Florence, Italy <u>Responsibilities:</u> Create and execute lesson plans. Design coursework. Volunteer to assist non-Italian-speaking Ukrainian refugees and Western Chinese immigrants with both English and Italian as a Second Language homework assignments.

MENTORSHIP

**Denotes mentorship for Human Development Honors Thesis*

†Denotes mentorship for Undergraduate Research Day Project

Janani Shanmugam (Summer 2025–Present)

*†Jayla Mendoza (Summer 2025–Present)

†Simran Kumar (Summer 2025–Spring 2026)

†Ayelet Unguru (Spring 2024–Present)

Talia Silbermann (Spring 2024–Present)

†Rachel Polotsky (Spring 2024–Present)

Taylor Sarvis (Spring 2024–Spring 2026)

Shoshana Levy (Fall 2024–Spring 2025)
+Cassidy Weeks (Spring 2023–Spring 2026)
Mia Martin (Spring 2023– Spring 2024)

SERVICE

2025–Present Co-Chair of Management (formerly titled: *President*), Human Development and Quantitative Methodology Graduate Student Association
University of Maryland, College Park

2025 Recruitment Day Committee Member
Human Development and Quantitative Methodology
University of Maryland, College Park

2024–Present Human Development and Quantitative Methodology Representative
College of Education Graduate Student Organization
University of Maryland, College Park

COMMUNITY ENGAGEMENT

April 2025 & Annual Community Event: *Trash-a-Thon*. College Park Nursery School,
College Park, MD.

2026 Responsibilities: Designed and managed activity tables, oversaw a team of
volunteers to engage 80 families and support event flow.

May 2025 Parent Workshop: *Prioritizing Your Mental Wellness as a Parent*. Frances
Fuches Early Childhood Center, College Park, MD.
Responsibilities: Assisted with workshop set up and facilitation.

February 2025 Workshop: *Multiply their potential: Building a strong math foundation during
early childhood*. The Gardner School Teacher Inservice. Vienna, VA.
Responsibilities: Assisted with workshop preparation and supported facilitation
during session of 150 early childhood educators.

JOURNAL REVIEW EXPERIENCE

Student Co-Reviewer: Journal of Experimental Child Psychology
Student Co-Reviewer: Child Development

PROFESSIONAL AFFILIATIONS

*Cognitive Development Society (CDS); Mathematical Cognition and Learning Society (MCLS);
Society for Research in Child Development (SRCD)*

Updated: July 2026