

Emily N. Daubert

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EDUCATION

PhD	Human Development and Quantitative Methodology University of Maryland, College Park, MD <i>Specialization:</i> Developmental Science <i>Advisor:</i> Dr. Geetha Ramani	Summer 2018
Certificate	Measurement, Statistics, and Evaluation University of Maryland, College Park, MD <i>Advisor:</i> Dr. Laura Stapleton	Spring 2017
BA	Bachelor of Arts, Psychology Temple University, Philadelphia, PA <i>Minors:</i> Spanish and Music <i>Honors Advisor:</i> Dr. Kathy Hirsh-Pasek Magna cum laude	May 2013

RESEARCH EXPERIENCE

Graduate Researcher	Early Childhood Interaction Laboratory <i>College Park, MD</i> <i>Duties:</i> Collaborate on all phases of laboratory research projects. Write literature reviews, design projects, analyze data, and write research articles.	2013 - present
Honors Researcher	Temple Infant and Child Laboratory <i>Philadelphia, PA</i> <i>Duties:</i> Planned, conducted, and presented an independent research project.	2011 - 2013
Undergraduate Researcher	Temple Infant and Child Laboratory <i>Philadelphia, PA</i> <i>Duties:</i> Conducted literature reviews, qualitative coding, data entry, collaborate with graduate advisor on research projects.	2011 - 2013

SCHOLARLY PUBLICATIONS

- Ramani, G. B., **Daubert, E. N.**, & Scalise, N. R. (in press). Role of play and games in building children's foundational numerical knowledge. In D. Berch, D. Geary, K. M. Koepke (Eds.), *Mathematical Cognition and Learning*. London: Elsevier/Academic Press.
- Daubert, E. N.**, Ramani, G. B., & Rubin, K. (2018). Play-based learning. In A. Pyle & E. Jackman (Eds.), *Encyclopedia on Early Childhood Development*. Canada: Centre of Excellence for Early Childhood Development and the Strategic Knowledge Cluster on Early Child Development.
- Scalise, N., **Daubert, E. N.**, & Ramani, G. B. (2017). Narrowing the early mathematics gap: A play-based intervention to promote low-income preschoolers' number skills. *Journal of Numerical Cognition*, 3(3), 559–581. doi:10.5964/jnc.v3i3.72
- Ramani, G. B., Jaeggi, S. M., **Daubert, E. N.**, & Buschkuehl, M. (2017). Domain-general and domain-specific training to improve children's numerical knowledge. *Journal of Numerical Cognition*, 3(2), 468–495, doi:10.5964/jnc.v3i2.31
- Ramani, G. B., Zippert, E., & **Daubert, E. N.** (2016). The influence of same and cross-age peers on children's literacy and mathematical development. In K. Wentzel & G. B. Ramani (Eds.), *Handbook of Social Influences in School Contexts*. New York: Taylor & Francis.

PAPER PRESENTATIONS

- Ramani, G. B., Zippert, E. L., **Daubert, E. N.**, & Scalise, N. R. (2017, October). *Using cognitive science to inform the design of math apps*. Paper presented at the Tenth Biennial Meeting of the Cognitive Development Society, Portland, OR.
- Scalise, N. R., Ramani, G. B., & **Daubert, E. N.** (2017, April). *Short- and long-term effects of playing card games on low-income children's early mathematics skills*. Paper presented at the meeting of the Society for Research in Child Development, Austin, TX.
- Daubert, E. N.**, & Ramani, G. B. (2016, April). *The role of bilingualism and working memory on early math development in preschoolers*. Roundtable invitation to the annual meeting of the American Educational Research Association, Washington, D.C.
- Daubert, E. N.** & Ramani, G. B. (2016, April). *Enhanced mathematics understanding in bilingual preschoolers: The role of working memory*. Paper presented at the meeting of the Graduate Research Appreciation Day, College Park, MD.
- Scalise, N., **Daubert, E. N.**, & Ramani, G. B. (2016, April). *Narrowing the early mathematics gap: A play-based intervention to promote Head Start preschoolers' number skills*. Paper session presented at Graduate Research Interaction Day, College Park, MD.
- Ramani, G. B., Eason, S., Zippert, E., **Daubert, E. N.**, & Scalise, N. (2015, October). *Improving numeracy skills in early childhood*. Paper session presented at the meeting of the Ninth Biennial Meeting of the Cognitive Development Society, Columbus, OH.

Daubert, E. N., Ramani, G. B., Rowe, M. L., Eason, S. H., & Leech, K. A. (2015, April). *Sum thing to talk about: Math talk between caregiver-preschooler dyads during three informal learning activities*. Paper presented at Educational Psychology Colloquium, Department of Human Development, College Park, MD.

Daubert, E. N., Ramani, G. B., Rowe, M. L., Eason, S. H., & Leech, K. A. (2015, April). *Sum thing to talk about: Math talk between caregiver-preschooler dyads during three informal learning activities*. Paper session presented at Graduate Research Interaction Day, College Park, MD.

Daubert, E. N., Ramani, G. B., Rowe, M. L., Eason, S. H., & Leech, K. A. (2015, March). *Math talk between caregiver-preschooler dyads during three informal play activities*. Paper session presented at the meeting of the Society for Research in Child Development, Philadelphia, PA.

POSTER PRESENTATIONS

Daubert, E. N., & Ramani, G. (2017, October). *Math and memory in bilingual preschoolers: The relations between bilingualism, working memory, and numerical knowledge*. Poster presented at the Tenth Biennial Meeting of the Cognitive Development Society, Portland, OR.

Scalise, N., **Daubert, E. N., & Ramani, G.** (2017, May). *Which card is more? A numerical card game intervention for Head Start preschoolers*. Poster presented at the Mathematical Cognition and Learning Conference 2017: Nashville, TN.

Daubert, E. N., Scalise, N., & Ramani, G. (2017, April). *Home mathematics and literacy activities of low- and high-SES caregivers and their preschoolers*. Poster presented at the meeting of the Society for Research in Child Development, Austin, TX.

Zippert, E. L., **Daubert, E. N.,** Scalise, N. R., & Ramani, G. B. (2016, October). *The Great Race goes digital: Effects of tablet number game instructions on parent math talk*. Poster presented at the SRCD Special Topic Meeting: Technology and Media in Children's Development, Irvine, CA.

Daubert, E. N., Scalise, N., & Ramani, G. (2016, May). *Home is where the math is: Home mathematics activities of low- and high-SES caregivers and their preschoolers*. Poster presented at the Mathematical Cognition and Learning Conference 2016: The Role of Linguistic and Cultural Factors in Mathematical Cognitive Development, Fort Worth, TX.

Daubert, E. N. & Ramani, G. B. (2016, April). *Enhanced mathematics understanding in bilingual preschoolers: The role of working memory*. Poster presented at the meeting of the Annual Math Center Conference: Bringing Cognitive Science Research to the Classroom, Arlington, VA.

Scalise, N., Ramani, G. B., & **Daubert, E. N.** (2016, April). *Narrowing the early mathematics gap: A play-based intervention to promote Head Start preschoolers' number skills*. Poster presented at the annual meeting of the American Educational Research Association, Washington D.C.

Daubert, E. N., & Ramani, G. B. (2016, March). *Enhanced mathematics understanding in bilingual preschoolers: The role of working memory*. Poster presented at the College of Education Student Research Symposium, College Park, MD.

Daubert, E. N., Jaeggi, S. M., Buschkuhl, M., & Ramani, G. B. (2016, March). *Domain-general and domain-specific training to improve children's numerical knowledge*. Poster presented at In Play! at UMD Conference, College Park, MD.

- Scalise, N. R., Ramani, G. B., & **Daubert, E. N.** (2016, March). *More than just fun & games: Promoting early math learning with numerical card play*. Poster presented at In Play! at UMD Conference, College Park, MD.
- Daubert, E. N.**, & Ramani, G. B. (2015, October). *The role of bilingualism and working memory on early math development in preschoolers*. Poster presented at the meeting of the Ninth Biennial Meeting of the Cognitive Development Society, Columbus, OH.
- Scalise, N. R., Ramani, G. B., & **Daubert, E. N.** (2015, October). *Playing numerical card games promotes Head Start preschoolers' early math skills*. Poster presented at the meeting of the Ninth Biennial Meeting of the Cognitive Development Society, Columbus, OH.
- Daubert, E. N.**, Jaeggi, S. M., Buschkuhl, M., & Ramani, G. B. (2015, April). *Domain-general and domain-specific training to improve children's numerical knowledge*. Poster presented at the College of Education Student Research Symposium, College Park, MD.
- Daubert, E. N.**, Jaeggi, S. M., Buschkuhl, M., & Ramani, G. B. (2014, November). *Domain-general and domain-specific training to improve children's numerical knowledge*. Poster presented at the meeting of the Psychonomics Society, Long Beach, CA.
- Daubert, E. N.**, Reed, J., Hirsh-Pasek, K., & Golinkoff, R. (2013, May) *Rhythm and regulation: Fostering self-regulation through collaborative music activities*. Poster invited to the UCLA Psychology Undergraduate Research Conference, Los Angeles, CA.
- Daubert, E. N.**, Reed, J., Hirsh-Pasek, K., & Golinkoff, R. (2013, April). *Rhythm and regulation: Fostering self-regulation through collaborative music activities*. Poster presented at the meeting of the Society for Research in Child Development, Philadelphia, PA.
- Reed, J., Fisher, K., **Daubert, E. N.**, Hirsh-Pasek, K., & Golinkoff, R. (2013, April). *A musical mosaic: Scaffolding school readiness skills via music instruction among head start preschoolers*. Poster presented at the meeting of the Society for Research in Child Development, Philadelphia, PA.

HONORS, AWARDS, FELLOWSHIPS, AND FUNDING

Ann G. Wylie Dissertation Fellowship <i>University of Maryland, College Park</i>	2018
National Science Foundation Graduate Assistant Funding <i>University of Maryland, College Park</i>	2017
National Institute of Child Health and Human Development (NICHD/NIH) Training Program in Social Development <i>University of Maryland, College Park</i>	2013 – 2017
Phi Delta Gamma Graduate Fellowship for Interdisciplinary Research <i>University of Maryland, College Park</i>	2017
Outstanding Graduate Assistant <i>University of Maryland, College Park</i>	2017

Student Travel Award <i>Society for Research in Child Development 2017 Biennial Meeting, Austin, TX</i>	2017
National Science Foundation/Cognitive Development Society Diversity Travel Award <i>Columbus, OH; Portland, OR</i>	2015, 2017
Human Development and Quantitative Methodology Graduate Student Travel Award <i>University of Maryland, College Park</i>	2014, 2016, 2017, 2017
Jacob T. Goldhaber Travel Award <i>University of Maryland, College Park</i>	2014, 2017
Outstanding Poster Award <i>American Educational Research Association Division C, Learning and Instruction</i>	2016
In Play! Conference Outstanding Poster Award <i>University of Maryland, College Park</i>	2016
Graduate Research Interaction Day Presentation Award <i>University of Maryland, College Park</i>	2015
Psi Chi Honors Society <i>Temple University</i>	Inducted 2012
Temple University Presidential Scholarship <i>Temple University</i>	2007 - 2011
Honor Director's List <i>Temple University</i>	2007 - 2013
College of Liberal Arts Dean's List <i>Temple University</i>	2010 – 2013
Boyer College Dean's List <i>Temple University</i>	2007 - 2009
Provost Book Prize <i>Temple University</i>	2007
PROFESSIONAL SERVICE	
Contemporary Educational Psychology	<i>University of Maryland, College Park, MD</i> Reviewer <i>Philadelphia, PA</i> Volunteer
Society for Research in Child Development	2015, 2017

Human Development Graduate Student Organization	<i>University of Maryland, College Park, MD</i> Vice President, Secretary, Professional Development Chair, Executive Board Member	2013 - 2017
Child Development	<i>University of Maryland, College Park, MD</i> Reviewer	2016
Journal of Cognition and Development	<i>University of Maryland, College Park, MD</i> Co-reviewer	2016
American Psychological Association	<i>Annual Convention</i> Abstract Reviewer	2016
Graduate Research Appreciation Day	<i>University of Maryland, College Park, MD</i> Abstract Reviewer	2016
College of Education Graduate Student Organization	<i>University of Maryland, College Park, MD</i> Human Development Representative	2015 - 2016
Journal of Applied Developmental Psychology	<i>University of Maryland, College Park, MD</i> Co-Reviewer	2014

COMMUNITY SERVICE

Group Leader	<i>University of Maryland, College Park, MD</i> El Salvador's Children: Poverty, Risk, and Education: Service Learning Trip <i>Duties:</i> Performed administrative duties; supervised student projects; conducted reflections; kept delegates safe and healthy; interpreted for delegates and community members; integrated students into local Salvadoran community.	Winter 2016
Delegate	<i>Cacahuatal, Cabañas, El Salvador</i> El Salvador's Children: Poverty, Risk, and Education: Service Learning Trip <i>Duties:</i> Taught math to children in Spanish; designed a math assessment for local teachers; interpreted for other delegates and community members.	Winter 2015
Counselor	<i>Lutheran Camping Corporation, Arendtsville, PA</i> Camp Counselor for children aged 8-14 <i>Duties:</i> Kept children safe and healthy; planned and lead daily camping activities; fostered a sense of community among campers.	Summer 2014, Summer 2015, Summer 2016

TEACHING EXPERIENCE

Teaching Assistant	<i>University of Maryland, College Park, MD</i> Child Growth and Development (EDHD 411) <i>Enrollment:</i> 40 undergraduate students <i>Duties:</i> Graded all assignments and exams; provided feedback for paper drafts; aided student learning by holding weekly in-person and online office hours.	Spring 2016
Teaching Assistant	<i>University of Maryland, College Park, MD</i> The Young Child as Mathematician (EDHD 322) <i>Enrollment:</i> 23 undergraduate students <i>Duties:</i> Performed administrative duties; graded presentations; provided feedback for essay drafts; designed in-class activities; aided student learning by holding weekly in-person and online office hours. <i>Guest lecture:</i> Teaching Basic Math Facts and Operations	Fall 2015
Diamond Peer Teacher	<i>Temple University, Philadelphia, PA</i> Teaching General Music to Inclusive Populations <i>Enrollment:</i> 30 undergraduate students <i>Duties:</i> Designed syllabus; assisted students with assignments; provided feedback on student work; supervised student teaching in elementary schools. <i>Guest lecture:</i> Immersing Children in the Language of Music	Fall 2009

SUPERVISORY EXPERIENCE

Undergraduate Researcher Assistant Supervisor	Early Childhood Interaction Laboratory <i>University of Maryland, College Park, MD</i> <i>Duties:</i> Mentor undergraduate research assistants in data collection and analysis, and poster submissions to academic conferences. <i>Mentees:</i> Hannah Klein, Anna Martello, Anthony Meek, Patchanun Kerdlap, Naomi Silverman, Maria Trofimenkova, Thierry Jean-Pharuns, Veshal Masih, Laura Cholvibul, Ryann Siegel, Myles Arrington, Kristen Bunn, Marie Sinnicki, Jack Manning, Caroline Zaslow, Laura Stock.	2013 - present
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PROFESSIONAL MEMBERSHIPS

American Educational Research Association, Division C
 Association for Psychological Science
 American Psychological Association, Division 7 and 15
 Cognitive Development Society
 Psi Chi International Honor Society
 Psychonomic Society
 Society for Research in Child Development

SOFTWARE PROFICIENCY

Mplus, HLM, R, SPSS, G*Power, Excel

WORKSHOPS ATTENDED

Longitudinal Data Analysis: A Latent Variable Perspective
Early Childhood Longitudinal Study Dataset and Analysis

ADDITIONAL LANGUAGES SPOKEN

Spanish