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ACADEMIC APPOINTMENTS

Associate Professor, Purdue University 2026 – present
Department of Human Development and Family Science

Assistant Professor, Purdue University 2019 - 2026
Department of Human Development and Family Science

EDUCATIONAL BACKGROUND

Postdoctoral Scholar, Department of Psychology, University of Chicago 2015 - 2019

Ph.D., Human Development, University of Maryland 2015

M.S., Clinical Psychology, Loyola University Maryland 2006

B.S., Psychology, University of Maryland Baltimore County 2003

PUBLICATIONS

(^g graduate student author, ^p postdoctoral mentee author)

Refereed Journal Articles

- ^gZhang, S., **Eason, S. H.**, & Finders, J. (2026). Strengthening family-school partnerships: Perspectives on parent-educator communication in pre-k programs. *Early Education and Development*, 37(6), 1470-1495. <https://doi.org/10.1080/10409289.2026.2673436>
- Eason, S. H.**, ^gÇarkoğlu, C., ^gZhang, S., ^gAnderson, K. L., & ^pVazquez, S. R. (2026). Evaluating the effectiveness of a parent-informed family math engagement resource. *Child Development*, 97. <https://doi.org/10.1093/chidev/aacaf018>
- ^gKing, Y. A., **Eason, S. H.**, Duncan, R. J., Borovsky, A., & Purpura, D. J. (2025). The factor structure of parents' math-related talk and its relation to children's early academic skills. *Child Development*, 96, 1409-1423. <https://doi.org/10.1111/cdev.14244>
- ^gEhrman, P., **Eason, S. H.**, Duncan, R. J., Elicker, J., Schmitt, S., & Purpura, D. J. (2025). Profiles of mathematics learners: Mathematical and non-mathematical classifiers. *Learning and Individual Differences*, 120, 1-13. <https://doi.org/10.1016/j.lindif.2025.102664>
- ^gÇarkoğlu, C., & **Eason, S. H.** (2025). How does activity context relate to parents' responses to preschoolers' errors and correct math statements? *Journal of Experimental Child Psychology*, 253. <https://doi.org/10.1016/j.jecp.2024.106191>
- Grose, G. E., Muenks, K., **Eason, S. H.**, Miele, D. B., Rowe, M. L., & Ramani, G. B. (2024). The role of parents' ability mindsets on parent-child interactions during math and reading

- activities. *Journal of Experimental Child Psychology*, 247.
<https://doi.org/10.1016/j.jecp.2024.106029>
- Eason, S. H.**, Leech, K. A., ⁹Anderson, K. L., & Pedonti, S. (2023). Family math engagement with preschoolers in rural contexts. *Journal of Applied Developmental Psychology*, 89.
<https://doi.org/10.1016/j.appdev.2023.101600>
- ⁹Çarkoğlu, C., **Eason, S. H.**, Purpura, D. J. (2023). Building the Parent and Child Math Anxiety Network Model from empirical evidence. *Child Development Perspectives*, 17, 115-121.
<https://doi.org/10.1111/cdep.12484>
- Eason, S. H.**, Kerr, K., Hurst, M. A., Foley, A., Claessens, A., & Levine, S. C. (2022). Enhancing parent and child spatial talk through puzzle play. *Cognitive Development*, 64.
<https://doi.org/10.1016/j.cogdev.2022.101250>
- Eason, S. H.**, Scalise, N., Berkowitz, T., Ramani, G. B., & Levine, S. C. (2022). Widening the lens of family math engagement: A conceptual framework and systematic review. *Developmental Review*, 66. <https://doi.org/10.1016/j.dr.2022.101046>
- Hurst, M. A., Greene, A., **Eason, S. H.**, Claessens, A., & Levine, S. C. (2022). Children's interpretation of relational language for numerical comparisons. *Cognitive Development*, 63.
<https://doi.org/10.1016/j.cogdev.2022.101214>
- ⁹Westerberg, L., Schmitt, S. A., **Eason, S. H.**, & Purpura, D. J. (2022). Home science interactions and their relation to children's science core knowledge in preschool. *Journal of Experimental Child Psychology*, 222. <https://doi.org/10.1016/j.jecp.2022.105473>
- Dearing, E., Casey, B., Davis-Kean, P. E., **Eason, S.**, Gunderson, E., Levine, S. C., Laski, E. V., Libertus, M., Lu, L., Lombardi, C. M., Nelson, A., Ramani, G., & Susperreguy, M. I. (2022). Socioeconomic variations in the frequency of parent number talk: A meta-analysis. *Education Sciences*, 12(5). <https://doi.org/10.3390/educsci12050312>
- Hornburg, C. B., Borriello, G.A., Kung, M., Lin, J., Litkowski, E., Cosso, J., Ellis, A., King, Y., Zippert, E., Cabrera, N., Davis-Kean, P., **Eason, S. H.**, Hart, S. A., Iruka, I., LeFevre, J.-A., Simms, V., Susperreguy, M. I., Cahoon, A., Chan, W. W. L., Cheung, S. K., Coppola, M., De Smedt, B., Elliot, L., Estévez-Pérez, N., Gallagher-Mitchell, T., Gardner-Neblett, N., Gilmore, C., Leyva, D., Maloney, E. A., Manolitsis, G., Melzi, G., Mutaf-Yıldız, B., Nelson, G., Niklas, F., Pan, Y., Ramani, G. B., Skwarchuk, S.-L., Sonnenschein, S., & Purpura, D. J. (2021). Next directions in measurement of the home mathematics environment: An international and interdisciplinary perspective. *Journal of Numerical Cognition*, 7.
<https://doi.org/10.5964/jnc.6143>
- Eason, S. H.**, ⁹Nelson, A. E., Dearing, E., & Levine, S. C. (2021). Facilitating young children's numeracy talk in play: The role of parent prompts. *Journal of Experimental Child Psychology*, 207. <https://doi.org/10.1016/j.jecp.2021.105124>
- ⁹Clements, L., ⁹LeMahieu, R., ⁹Nelson, A. E., **Eason, S.**, & Dearing, E. (2021). Associations between parents' number talk and management language with their young children. *Journal of Applied Developmental Psychology*, 73. <https://doi.org/10.1016/j.appdev.2021.101261>
- Eason, S. H.**, & Ramani, G. B. (2020). Parent-child math talk about fractions during formal learning and guided play activities. *Child Development*, 91(2), 546-562.
<https://doi.org/10.1111/cdev.13199>
- Zippert, E., **Eason, S. H.**, Marshall, S., & Ramani, G. B. (2019). Preschool children's math exploration during play with peers. *Journal of Applied Developmental Psychology*.
<https://doi.org/10.1016/j.appdev.2019.101072>

- Daubert, E. N., Ramani, G. B., Rowe, M. L., **Eason, S. H.**, & Leech, K. A. (2018). Sum thing to talk about: Caregiver-preschooler math talk in low-income families from the United States. *Bordon*, 70(3), 115-130.
- Eason, S. H.**, & Ramani, G. B. (2017). Parental guidance and children's executive function: Working memory and planning as moderators during joint problem solving. *Infant and Child Development*, 26, 1-24.
- Ramani, G. B., Rowe, M. L., **Eason, S. H.**, & Leech, K. A. (2015). Math talk during parent-child interactions in Head Start families. *Cognitive Development*, 35, 15-33.
- Eason, S. H.**, Sabatini, J. P., Goldberg, L. F., Bruce, K. M., & Cutting, L. E. (2013). Examining the relationship between word reading efficiency and oral reading rate in predicting comprehension among different types of readers. *Scientific Studies of Reading*, 17, 199-223.
- Eason, S. H.**, Goldberg, L. F., Young, K. M., Geist, M. C., & Cutting, L. E. (2012). Reader-text interactions: How differential text and question types influence cognitive skills needed for reading comprehension. *Journal of Educational Psychology*, 3, 515-528.
- Clements-Stephens, A. M., Materek, A. D., **Eason, S. H.**, Scarborough, H. S., Pugh, K. R., Rimrodt, S., Pekar, J. J., & Cutting, L. E. (2011). Neural circuitry associated with two different approaches to novel word learning. *Developmental Cognitive Neuroscience*, 2, 99-113.
- Locascio, G., Mahone, E. M., **Eason, S. H.**, & Cutting, L. E. (2010). Executive dysfunction among children with reading comprehension deficits. *Journal of Learning Disabilities*, 43, 441-454.
- Sesma, H. W., Mahone, E. M., Levine, T., **Eason, S. H.**, & Cutting, L. E. (2009). The contribution of executive skills to reading comprehension. *Child Neuropsychology*, 15, 232-246.

Book Chapters and Encyclopedia Entries

- Ellis, A., Westerberg, L., King, Y., **Eason, S. H.**, O'Rear, C. D., Purpura, D. J. (2022). To home literacy and beyond: Discussing subdomains of the home learning environment. In A. Betts & K. P. Thai (Eds.) *Handbook of Research on Innovative Approaches to Early Childhood Development and School Readiness*. IGI Global.
- Ramani, G. B., & **Eason, S. H.** (2015). Zone of proximal development. In G. W. Scarlett (Ed.), *Classroom management: An A-to-Z guide* (pp. 885-886). Thousand Oaks, CA: Sage Publications.
- Eason, S. H.** & Cutting, L. E. (2009). Examining sources of poor comprehension in older poor readers: Preliminary findings, issues, and challenges. In R. K. Wagner, C. Schatschneider, & C. Phythian-Sence (Eds.), *Beyond decoding: The behavioral and biological foundations of reading comprehension* (pp. 263-286). New York, NY: Guilford.
- Cutting, L. E., **Eason, S. H.**, Young, K. M., & Alberstadt, A. L. (2009). Reading comprehension: Cognition and neuroimaging. In K. Pugh & P. McCardle (Eds.), *How children learn to read: Current issues and new directions in the integration of cognition, neurobiology and genetics of reading and dyslexia research and practice* (pp. 195-214). Philadelphia, PA: Lawrence Erlbaum.

Invited Articles

- Eason, S. H.**, & Levine, S. C. (2017, May). Math learning begins at home. *Zero to Three*, 29-37.
- Ramani, G. B. & **Eason, S. H.** (2015). It all adds up: Learning early math through play and games. *Phi Delta Kappan*, 96(1), 27-32.

White Papers

- Eason, S. H.**, Scalise, N., Berkowitz, T., Ramani, G. B., & Levine, S. C. (2020). *Reviewing the family math literature: Recommendations for practice, policy, and research* [White paper]. Family Math Roadmap Implementation Project. https://education-first.com/wp-content/uploads/2020/06/FamilyMathReview_WhitePaper.pdf

Manuscripts Under Review

- Beltrán-Grimm, S., & **Eason, S. H.** (under review). A pilot study of family math digital workshops for at-home learning. Submitted to *Contemporary Educational Psychology*.
- Beltrán-Grimm, S., Herrera, F., Ehrman, P., **Eason, S. H.**, & Purpura, D. J. (under review). Collaborating with Latine parents: A design-based approach for developing a children's math e-book. Submitted to *American Educational Research Journal*.
- ^gÇarkoğlu, C., Ganley, C., Bofferding, L. C., Duncan, R. J., Purpura, D. J., & **Eason, S. H.** (under review). From classroom-level to child-level: Relations among elementary school students' math achievement and anxiety. Submitted to *Journal of Educational Psychology*.
- ^gZhang, S., Purpura, D. J., & Eason, S. H. (under review). Construct chaos: Parents' motivational beliefs in early math learning and achievement. Submitted to *Child Development Perspectives*.
- ^gZhang, S., ^gVarnell, S., ^pVazquez, S. R., ^pJoy, A. J., & **Eason, S. H.** (under review). How background characteristics contribute to parents' expectancy and value of preschoolers' future math achievement. Submitted to *Journal of Experimental Child Psychology*.

PRESENTATIONS

(^g graduate student author, ^p postdoctoral mentee author)

Paper Presentations

- ^gÇarkoğlu, C., Kochar, S., Retanal, F., Maloney, E. A., Duncan, R. J., Bofferding, L. C., Barger, M. M., Purpura, D. J., & **Eason, S. H.** (2026, June). Messages around math learning: Variations in parents' communication of themes while helping with math. In C. Çarkoğlu (Chair), *Pathways through which socializers' math anxiety relates to children's math achievement*. Paper presented at the 2026 meeting of the Mathematics Cognition and Learning Society, Padua, Italy.
- ^gZhang, S., **Eason, S. H.**, Ravindran, N., & Wang, Z. (2026, June). Relations among parents' ability-related beliefs, their math language, and kindergarteners' math performance. In S. Zhang (Chair), *Parents' beliefs and practices in children's math learning*. Paper presented at the 2026 meeting of the Mathematics Cognition and Learning Society, Padua, Italy.
- ^gZhang, S., ^gÇarkoğlu, C., ^gAnderson, K. L., ^pVazquez, S. R., & **Eason, S. H.** (2025, June). Examining relations between the complexity of parents' math talk and their beliefs. In R.

McGregor (Chair), *Why and how do parents talk about math with their preschoolers?* Paper presented at the 2025 meeting of the Mathematics Cognition and Learning Society, Hong Kong, China.

Eason, S. H., ⁹Çarkoğlu, C., ⁹Zhang, S., ⁹Anderson, K. L., & ^PVazquez, S. R. (2025, May). Does a parent-informed family math engagement resource promote math talk? In E. Lyons (Chair), *Family engagement in early STEM at home and at school*. Paper presented at the 2025 meeting of the Society for Research in Child Development, Minneapolis, MN.

Finders, J., Anderson, K. L., Duncan, R. J., **Eason, S. H.**, Purpura, D. J., & Schmitt, S. (2025, May). Early childhood teachers' perspectives on curriculum: Associations with children's learning. In J. Finders (Chair), *Early childhood educators' experiences with curriculum: Investigating components related to quality implementation and effectiveness*. Paper presented at the 2025 meeting of the Society for Research in Child Development, Minneapolis, MN.

^PVazquez, S. R., ^PKumar, S. C., Turan, E., & **Eason, S. H.** (2025, May). Do guided home-based math activities promote parental autonomy support for preschool-aged children? In S. R. Vazquez & **S. H. Eason** (Chairs), *Understanding parent practices and perspectives during informal STEM learning for early childhood*. Paper presented at the 2025 meeting of the Society for Research in Child Development, Minneapolis, MN.

⁹Zhang, S., ⁹Varnell, S., ^PVazquez, S. R., & **Eason, S. H.** (2025, May). Relations among parents' experiences and their expectancy and value for children's math achievement. In S. Zhang (Chair), *Family math engagement in early years: A closer look at parent beliefs across diverse contexts*. Paper presented at the 2025 meeting of the Society for Research in Child Development, Minneapolis, MN.

Beltran-Grimm, S., & **Eason, S. H.** (2025, April). Family math digital workshops: Addressing math educational disparities and fostering equitable learning opportunities. In *Innovative educational tools and strategies to enhance student learning*. Paper presented at the 2025 annual meeting of the American Educational Research Association, Denver, CO.

Eason, S. H., ⁹Çarkoğlu, C., ⁹Zhang, S., & ^PVazquez, S. R. (2024, June). Parents as partners: A co-designed family math resource to enhance parent-child math talk. In **S. H. Eason** (Chair), *Bringing families into the equation: Collaborative approaches to family math engagement research*. Paper presented at the 2024 meeting of the Mathematics Cognition and Learning Society, Washington, DC.

⁹Varnell, S., ⁹Zhang, S., ^PKumar, S., & **Eason, S. H.** (2024, June). Gender similarities and differences in parents' expectations and value of math and literacy for their young children. In S. Varnell & S. Kumar (Chairs), *Examining factors related to gender differences in early math development*. Paper presented at the 2024 meeting of the Mathematics Cognition and Learning Society, Washington, DC.

Eason, S. H., Finders, J. K., Mayes, A. S., & Barrett, B. (2024, June). Early educator perspectives of pre-kindergarten quality. In J. Hseuh (Chair), *Early care and education quality: Rethinking definitions and how quality links with child outcomes*. Paper presented at the 2024 meeting of the National Research Conference on Early Childhood, Arlington, VA.

^PBeltran-Grimm, S., Ehrman, P. C., Herrera, F., **Eason, S. H.**, & Purpura, D. J. (2024, April). Designing with Spanish-speaking Latine families: A step on the path to inclusive design. In S. Beltran-Grimm (Chair), *Why we co-design: Applying co-design methods for inclusive learning in collaboration with families and educators*. Symposium conducted at the 2024 meeting of the American Educational Research Association.

Clark, E., O'Rear, C. D., Donegan, S., Varnell, S., Woten, C., Ellis, A., **Eason, S. H.**, & Purpura, D. (2023, June). The association between book features and parent questions during number book reading. Paper presented at the 2023 meeting of the Mathematics Cognition and Learning Society, Loughborough, United Kingdom.

Eason, S. H., ⁹Zhang, S., & Leech, K. A. (2023, June). Caregivers' recognition of math learning opportunities for preschoolers. In M. DePascale (Chair), *Perspectives and influences on math engagement in early childhood: The role of family math*. Paper presented at the 2023 meeting of the Mathematics Cognition and Learning Society, Loughborough, United Kingdom.

⁹Çarkoğlu, C., & **Eason, S.** (2023, March). Supporting children's numeracy skills in families and school: How does activity context relate to parents' responses to preschoolers' mathematical errors? In **S. Eason** (Chair), *Looking beyond quantity: Using surveys and observations to examine the nature of parents' mathematical engagement*. Paper presented at the 2023 meeting of the Society for Research in Child Development, Salt Lake City, UT.

⁹Westerberg, L., Ellis, A., Schmitt, S., **Eason, S.**, & Purpura, D. (2023, March). The factor structure of the early home science environment. In A. Ellis (Chair), *The home learning environment: Where are we now?* Paper presented at the 2023 meeting of the Society for Research in Child Development, Salt Lake City, UT.

⁹Beltran-Grimm, S., O'Rear, C., Ehrman, P., Ellis, A., Paes, T., **Eason, S.**, Purpura, D. (2023, March). U.S. Latine parents' perceptions and preferences for using digital devices to read to young children. In S. Beltran-Grimm (Chair), *Children's media and technology: What context and content reveal about children's development and learning*. Paper presented at the 2023 meeting of the Society for Research in Child Development, Salt Lake City, UT.

⁹King, Y. A., **Eason, S. H.**, Duncan, R. J., Borovsky, A., & Purpura, D. J. (2022, June). The factor structure of parents' math-related talk and its relation to children's early academic skills. In R. McGregor (Chair), *Let's talk about math: Math language input in books and parent-child interactions*. Paper presented at the 2022 annual meeting of the Mathematics Cognition and Learning Society, Antwerpen, Belgium.

Dearing, E., Casey, B., Davis-Kean, P., **Eason, S.**, Gunderson, E., Levine, S., Lombardi, C., Nelson, A., Ramani, G., & Susperreguy, M. I. (2021, April). Synthesizing mixed evidence on associations between parent number talk and SES. In M. Libertus (Chair), *How and why are socioeconomic status and young children's math skills linked?* Symposium conducted at the 2021 biennial meeting of the Society for Research in Child Development (virtual meeting).

Leslie, D., Levine, S., Bates, M., & **Eason, S. H.** (2019, November). Becoming a Math Family: Developing and studying a math-focused website for families with young children. Presentation at the third biennial meeting of Promising Math, Erikson Institute Early Math Collaborative, Chicago, IL.

Eason, S. H., Kerr, K., Hurst, M. A., Foley, A., Claessens, A., & Levine, S. C. (2019, March). How do puzzle features influence parent and child spatial talk? In **S. H. Eason** (Chair), *Supports for facilitating parent-child math engagement during home activities*. Symposium conducted at the 2019 biennial meeting of the Society for Research in Child Development, Baltimore, MD.

Hurst, M. A., Greene, A., Praus-Singh, T., **Eason, S. H.**, Mazzocco, M., Claessens, A., & Levine, S. C. (2019, March). Quantity and variety of children's relational language during a semi-structured counting activity. In M. A. Hurst (Chair), *Relational language and math:*

Variation across types of language and math activities. Symposium conducted at the 2019 biennial meeting of the Society for Research in Child Development, Baltimore, MD.

Claessens, A., Farran, D., **Eason, S.**, Mowrey, S., Rainey, L., & Leonard, S. (2017, April). Math in preschool: A review of the mathematics activities in the most widely used preschool curricula. In M. Engel (Chair), *Expanding and understanding: Evidence on classroom processes and taking early childhood interventions to scale*. Symposium conducted at the annual meeting of the American Educational Research Association, San Antonio, TX.

Eason, S. H., ^aNelson, A., Leonard, S., Dearing, E., Levine, S. C. (2017, April). Parents' math anxiety and talk about numbers during pretend play with preschoolers. In C. M. Lombardi & E. Dearing (Chairs), *Parent and early educator support of children's early mathematics learning*. Symposium conducted at the 2017 biennial meeting of the Society for Research in Child Development, Austin, TX.

Eason, S. H., & Ramani, G. B. (2017, April). Parents' and preschoolers' talk about fractions during playful and didactic activities. In M. Libertus (Chair), *Understanding variability in early home numeracy and its impact on children's math abilities*. Symposium conducted at the 2017 biennial meeting of the Society for Research in Child Development, Austin, TX.

Foley, A., **Eason, S. H.**, Leonard, S., Kerr, K., Claessens, A., & Levine, S. C. (2017, April). Do demands on executive function enhance or hinder preschoolers' learning from a math game? In A. Ribner (Chair), *Underlying executive function mechanisms for math learning*. Symposium conducted at the 2017 biennial meeting of the Society for Research in Child Development, Austin, TX.

Claessens, A., Farran, D., **Eason, S.**, Mowry, S., Rainey, L., & Leonard, S. (November, 2016). Math in preschool: A review of the mathematics activities in the most widely used preschool curricula. Paper session presented at 38th annual fall research conference of the Association for Public Policy Analysis and Management, Washington, DC.

Ramani, G. B., **Eason, S.**, Zippert, E., Daubert, E., & Brooke, N. (2015, October). Improving numeracy skills in early childhood. Paper session presented at 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, 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.

Ramani, G. B., Rowe, M. L., **Eason, S. H.**, & Leech, K. A. (2013, April). Parent talk about math during informal learning activities in Head Start families. Paper presented at the 2013 biennial meeting of the Society for Research in Child Development, Seattle, WA.

Poster Presentations and Flash Talks

Finders, J. K., Çarkoğlu, C., Machado, D. A., Joy, A., Zhang, S., Duncan, R. J., **Eason, S. H.**, & Purpura, D. J. (2026, June). Opportunities for advancing early childhood curriculum research: Findings from a scoping review. Poster presented at the 2026 Administration for Children and Families' National Research Conference on Early Childhood (NRCEC), Arlington, VA.

^aÇarkoğlu, C., Ganley, C., Duncan, R. J., Purpura, D. J., & **Eason, S. H.** (2025, May). Does children's math anxiety moderate the relation between classroom-level math abilities and children's math achievement? Poster session presented at the 2025 meeting of the Society for Research in Child Development, Minneapolis, MN.

- Eason, S. H.**, Finders, J. K., Sandel, J., & Barrett, B. (2025, May). What do parents view as key ingredients for pre-k quality? Poster session presented at the 2025 meeting of the Society for Research in Child Development, Minneapolis, MN.
- Prather, K., ^gZhang, S., **Eason, S. H.**, Wang, Z., & Ravindran, N. (2025, May). Parental beliefs and expectations for children's education attainment as predictors of the home learning environment. Poster session presented at the 2025 meeting of the Society for Research in Child Development, Minneapolis, MN.
- Restrepo, K., Carvalho, C. A., Wang, Z., **Eason, S. H.**, & Ravindran, N. (2025, May). Math anxiety and physiological responses during parent-child interactions: An actor-partner interdependence approach. Poster session presented at the 2025 meeting of the Society for Research in Child Development, Minneapolis, MN.
- ^gZhang, S., **Eason, S. H.**, & Finders, J. K. (2025, May). Strengthening family-school partnerships: Perspectives on two-way communication between parents and educators in preschool. Poster session presented at the 2025 meeting of the Society for Research in Child Development, Minneapolis, MN.
- ^gZhang, S., ^gVarnell, S., ^pVazquez, S., & **Eason, S. H.** (2024, June). Relations among parents' own math experiences and their expectancy and value for children's math achievement. Flash talk presented at the 2024 meeting of the Mathematics Cognition and Learning Society, Washington, DC.
- ^pVazquez, S. R., & **Eason, S. H.** (2024, June). Is math part of a complete breakfast? Content analysis of math-based activities on breakfast cereal boxes. Poster session presented at the 2024 meeting of the Mathematics Cognition and Learning Society, Washington, DC.
- Hornburg, C. B., Mayes, A. S., McElveen, T. L., Powell, S. R., Melzi, G., Prishker, N., Asad, N., Valdivia, I., Andres-Salgarino, M. B., Tran, L. M., Eiland, M. D., **Eason, S. H.**, Schmitt, S. A., & Purpura, D. J. (2023, October). The development of storybooks supporting elementary students' math identity, executive function, and word problem solving. Poster session presented at the 2023 meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education.
- ^gÇarkoğlu, C., Duncan, R. J., **Eason, S.**, Purpura, D., & Schmitt, S. (2023, June). Classroom peer effects on preschool children's mathematics learning. Poster session presented at the 2023 meeting of the Mathematics Cognition and Learning Society, Loughborough, United Kingdom.
- Woten, C., O'Rear, C., Clark, E., Donegan, S., Ellis, A., **Eason, S.**, & Purpura, D. (2023, March). Parents' preferences for mathematics content in children's picture books. In K. Chen (Chair), *1-2-3! Supporting children's numeracy skills in families and schools*. Flash talk presented at the 2023 meeting of the Society for Research in Child Development, Salt Lake City, UT.
- Grose, G. E., Muenks, K., **Eason, S. H.**, Miele, D. B., Rowe, M. L., & Ramani, G. B. (2022, June). The role of parents' ability mindsets on parent-child interactions during math activities. Poster presented at the 2022 annual meeting of the Mathematics Cognition and Learning Society, Antwerpen, Belgium.

- ⁹Çarkoğlu, C., Ehrman, P., **Eason, S.**, Schmitt, S., & Purpura, D. (2022, June). Does math language targeted intervention generalize to parent and child use of mathematical and number words during joint book reading? Poster presented at the 2022 annual meeting of the Mathematics Cognition and Learning Society, Antwerpen, Belgium.
- ⁹Anderson, K. L., **Eason, S. H.**, Leech, K. A., & Pedonti, S. (2022, April). Experiences of rural families during the COVID-19 pandemic. Poster presented at the annual meeting of the Midwestern Psychological Association. Chicago, IL.
- Eason, S. H.**, Leech, K. A., ⁹Anderson, K. L., & Pedonti, S. (2022, February). Opportunities for family math engagement among rural families in the United States. Flash talk presented at the fourth annual meeting of the Mathematical Cognition and Learning Society (virtual meeting).
- Eason, S. H.** (2020). Creating effective resources to promote family math engagement. Poster session accepted for the third annual meeting of the Mathematical Cognition and Learning Society. Meeting was cancelled due to COVID-19 pandemic.
- Hurst, M. A., **Eason, S. H.**, Claessens, A., & Levine, S. C. (2019, October). Children's understanding of quantitative relations across stimulus formats. Poster session presented at the eleventh biennial meeting of the Cognitive Development Society, Louisville, KY.
- Greene, A., **Eason, S. H.**, Hurst, M., Kerr, K., Claessens, A., & Levine, S. C. (2019, April). Home-based caregivers' attitudes about children's learning. Poster session presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Kerr, K., **Eason, S.**, Hurst, M., Foley, A., Claessens, A., & Levine, S. (2018, July). When less is more: Fewer shape types results in higher quality parent-child shape talk. Poster session presented at the 40th annual meeting of the Cognitive Science Society, Madison, WI.
- ⁹Pantoja, N., **Eason, S.**, & Levine, S. C. (2017, October). How does parents' use of large number words develop over time and relate to children's number knowledge? Poster session presented at the tenth biennial meeting of the Cognitive Development Society, Portland, OR.
- Eason, S.**, ⁹Nelson, A., Dearing, E., & Levine, S. (2017, September). How does parents' math anxiety relate to the quality of parent-child talk about number during pretend play? Poster session presented at the 2017 International Science of Learning Conference, Brisbane, Australia.
- Eason, S. H.**, Muenks, K., Ramani, G. B., Miele, D., & Rowe, M. L. (2015, March). Parents' domain-specific ability mindsets influence support during reading and math tasks with preschoolers. Poster session presented at the 2015 biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
- Zippert, E., **Eason, S. H.**, Marshall, S., & Ramani, G. B. (2015, March). How do preschoolers explore math during play? Poster session presented at the 2015 biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
- Eason, S. H.**, & Ramani, G. B. (2014, May). "What do you think they should do next?" Preschoolers' problem-solving strategies during cooperative play. Poster session presented at the 2014 annual meeting of the Jean Piaget Society, San Francisco, CA.
- Eason, S. H.**, Leech, K. A., Ramani, G. B., & Rowe, M. L. (2013, April). Children's executive function relates to the frequency and quality of shared book reading with parents. Poster session presented at the 2013 biennial meeting of the Society for Research in Child Development, Seattle, WA.

- Eason, S. H.**, & Ramani, G. B. (2013, April). How is the effectiveness of parental guidance influenced by children's executive function? Poster session presented at the 2013 biennial meeting of the Society for Research in Child Development, Seattle, WA.
- Ramani, G. B., Rowe, M. L., **Eason, S. H.**, & Leech, K. A. (2011, October). Count on it? Math talk during parent-child interactions in Head Start families. Poster session presented at the seventh biennial meeting of the Cognitive Development Society, Philadelphia, PA.
- Goldberg, L. F., **Eason, S. H.**, Ryan, M., & Cutting, L. E. (2010, June). Combining the simple view of reading with fluency, world knowledge, and reading strategies to predict comprehension. Poster session presented at the annual meeting of the American Academy of Clinical Neuropsychology, Chicago, IL.
- Eason, S. H.**, Geist, M., Goldberg, L. F., & Cutting, L. E. (2009, February). Reader-text interactions in reading comprehension. Poster session presented at the annual meeting of the International Neuropsychological Society, Atlanta, GA.
- Eason, S. H.**, Alberstadt, A., Sabatini, J., Bruce, K., & Cutting, L. E. (2008, February). Children with specific reading comprehension impairments: Deficits in contextual but not isolated word reading speed? Poster session presented at the annual meeting of the International Neuropsychological Society, Waikoloa, HI.
- Ryan, M., Cutting, L. E., **Eason, S.**, Materek, A., & Mahone, E. M. (2008, February). Elithorn mazes in children: What does it measure? Poster session presented at the annual meeting of the International Neuropsychological Society, Waikoloa, HI.
- Rivera, B., **Eason, S.**, Cowdry, H., & Graham, A. (2007, March). Correlations between Rorschach variables and the Eating Disorder Inventory-3 (EDI-3). Poster session presented at 2007 Society for Personality Assessment Mid-Winter Meeting.

GRANTS

National Science Foundation <i>A Longitudinal Multi-Method Approach to Understand the Early Development of Math Anxiety</i> Role: Co-Principal Investigator, Z. Wang (PI); Total Award \$2,053,729; Subcontract \$383,415	08/01/2023-07/31/2028
National Science Foundation <i>STEM Ed PRF: The PURPOSE Postdoctoral Training Initiative</i> Role: Co-Investigator, D. Purpura (PI); Award \$1,250,000	11/01/2022-10/31/2026
Heising-Simons Foundation <i>Math Language and Dual Language Learners: A family-implemented intervention</i> Role: Co-Investigator; D. Purpura (PI); Award \$1,630,513	08/01/2021-07/31/2026
FSSA: Family and Social Services Administration <i>Identifying Key Ingredients of High-Quality Preschool Programs in Indiana</i> Role: Co-Investigator, J. Finders (PI); Award \$2,020,646	11/01/2022-02/12/2025
FSSA: Family and Social Services Administration <i>Assessing Evidence-Based Curricular Use in a Broad Spectrum of Early Care and Education Programs</i> Role: Co-Investigator, J. Finders (PI); Award \$1,209,190	11/01/2022-02/12/2025

Clifford B. Kinley Trust	05/01/2021-
<i>Parents As Partners: A Collaboration to Enhance Family Math Engagement</i>	05/31/2022
Role: Principal Investigator; Award \$20,000	
NewSchools Venture Fund	08/01/2020-
<i>My Math Stores: Taking My Place in Our Mathematical World</i>	07/31/2023
Role: Co-Investigator; C. Hornburg/D. Purpura (PI); Award \$2,000,000	
Heising-Simons Foundation	04/15/2019-
<i>Reviewing the Family Math Literature: Recommendations for Practice, Policy, and Research</i>	07/31/2020
Role: Principal Investigator; S. Levine (Co-PI); Award \$54,581	

INVITED TALKS

- Eason, S. H.** (2026, June). Discussant remarks. In C. Carkoglu (Chair), *Pathways through which socializers' math anxiety relates to children's math achievement*. Paper presented at the 2026 meeting of the Mathematics Cognition and Learning Society, Padua, Italy.
- Eason, S. H.** (2025, March). *Centering families' perspectives to promote math engagement and learning in early childhood*. Brown Bag talk, Department of Educational Psychology, University of Georgia.
- Eason, S. H.** (2022, October). *Conducting a systematic literature review*. Presentation for Culture, Families, and Early Development Lab, Steinhardt School of Culture, Education, and Human Development, New York University.
- Eason, S. H.** (2022, October). *Understanding and supporting family math engagement in early childhood*. Developmental Brown Bag, Department of Psychology, University of Illinois at Urbana-Champaign.
- Eason, S. H.** (2021, October). *Promoting early math learning through family engagement*. Developmental Science Colloquium, Department of Human Development and Quantitative Methodology, University of Maryland, College Park.

MENTORSHIP

Graduate Student Advisees, including chairing committees

Siqi Zhang, Purdue, HDFS, PhD	in progress
Can Çarkoğlu, Purdue, HDFS, PhD	2025

Committee Member

Sophie Miller, Purdue University, HDFS, PhD ^m	in progress
Yi Zhu, Mathematics Education, HDFS, PhD ^d	in progress
Hyohyun Shin, Purdue University, HDFS, PhD ^p	in progress
Myeong Won Kim, Purdue University, HDFS, PhD ^{p,d}	in progress
Suzanne Varnell, Purdue University, HDFS, PhD ^{p,d}	in progress

Daienne Amaral Machado, Purdue University, HDFFS, PhD ^d	in progress
Paola Montufar Soria, New York University, Developmental Psychology PhD ^d	in progress
Patrick Ehrman, Purdue University, HDFFS, PhD ^{m,p,d}	2026
Kayla Fisher, Purdue University, HDFFS, PhD ^m	2026
Fabiola Herrera, Purdue University, HDFFS, PhD ^d	2025
Muqing Liu, Purdue University, HDFFS, PhD ^d	2025
Yuchen Song, University of Georgia, Educational Psychology, PhD ^{p,d}	2025
Sezai Kocabas, Purdue University, Mathematics Education, PhD ^d	2024
Lauren Westerberg, Purdue University, HDFFS, PhD ^{m,p,d}	2024
Gina Reynolds, Purdue University, Communication, PhD ^d	2023
Yemimah King, Purdue University, HDFFS, PhD ^d	2022
Cristina Carrazza, University of Chicago, Psychology, PhD ^d	2021

^d Dissertation committee, ^m Masters thesis committee, ^p Preliminary exam committee

TEACHING EXPERIENCE

Purdue University

Orientation to Current Issues in Human Development and Family Science	2026
Diversity in Individual and Family Life	2026
Teaching Mathematics in Preschool and Primary Grades	2024 – 2026
Graduate Student Colloquium	2021 – 2022
Working With Parents	2019 – 2023
Language, Literacy, and Social Studies in Preschool and Primary Grades	2019 – 2022

Instructor of Record, University of Maryland

Human Development and Societal Institutions	2012 - 2014
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RESEARCH EXPERIENCE

Graduate Research Assistant

Early Childhood Interaction Lab, University of Maryland	2010 - 2015
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Research Coordinator

Developmental Cognitive Neurology, Kennedy Krieger Institute, Baltimore, MD	2008 - 2010
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Research Psychology Associate

Developmental Cognitive Neurology, Kennedy Krieger Institute, Baltimore, MD	2007 - 2008
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Research Assistant

Loyola University Counseling Center, Baltimore, MD	2005 - 2006
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HONORS AND AWARDS

Lorene Burkhart Award for Excellence in Research About Families	2024
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Center for Families, Purdue University

Teaching for Tomorrow Fellow <i>Purdue University</i>	2022-2023
Award for Exceptional Teaching and Instructional Support During the COVID-19 Pandemic <i>Human Development and Family Studies, Purdue University</i>	2021
Semi-Finalist for National Academy of Education/Spencer Postdoctoral Fellowship	2020
National Science Foundation Science of Learning Delegation Member <i>Attended International Science of Learning Conference in Brisbane and participated in post-conference workshop with Australian Science of Learning Centre to develop international research collaborations</i>	2017
Outstanding Dissertation Award <i>College of Education, University of Maryland</i>	2016
Postdoctoral Fellow <i>Committee on Education, University of Chicago</i> <i>Participate in interdisciplinary workshops on education research</i>	2015 - 2019
Distinguished Graduate Student Teaching Award <i>Center for Teaching Excellence, University of Maryland</i>	2014
Support Program for Advancing Research & Collaboration (SPARC) Grant <i>College of Education, University of Maryland; \$1,000 to support dissertation research</i>	2014
Hugh Perkins Award <i>Human Development and Quantitative Methodology, University of Maryland; \$10,000 for outstanding scholarship during graduate career</i>	2014
Jacob K. Goldhaber Travel Grant <i>Graduate School, University of Maryland (Received twice)</i>	2013 - 2014
Departmental Fellowship <i>Human Development and Quantitative Methodology, University of Maryland; (Received 4 consecutive summers)</i>	2011 - 2014
Graduate Student Travel Award <i>Human Development and Quantitative Methodology, University of Maryland; (Received 3 times)</i>	2011 - 2014
University Fellowship <i>University of Maryland</i>	2010 - 2011

OUTREACH

Center for Early Learning 2026 Virtual Professional Development Day <i>Presented a workshop titled, "Doing More With Less: How Teachers Can Help Families Support Both Cognitive and Social-Emotional Development" for Indiana early educators.</i>	2026
Contributor for Center for Literacy and Language Education and Research	2026

Presented session and then prepared a research brief, "Integrating Science of Reading Principles into Mathematics Instruction in Early Education."

Guest Speaker, 90 Minute School Day Podcast 2026

Appeared as expert guest speaker on the 90 Minute School Day podcast on an episode about math anxiety

Guest Speaker, Unlocking Childhood Podcast 2026

Appeared as expert guest speaker on the Unlocking Childhood podcast on an episode about the importance of play in early development.

Purdue Extension Virtual Roundtable 2025

Co-presented a roundtable presentation titled, "Is Math A Part Of A Complete Breakfast? Using Cereal Boxes and Family Meal Times As Opportunities For Math Talk" to Purdue Extension professionals.

Purdue Extension HHS Update 2023

Presented a workshop titled, "Centering Families' Perspectives to Promote Early Learning to Purdue Extension professionals."

2021 Virtual Pennsylvania Migrant Education Conference 2021

Presented a workshop titled, "Working With Families to Support Early Math Learning" at conference by the Center for Schools and Communities, sponsored by the Pennsylvania Department of Education

Ready, Set, Teach! 2018

Organized and presented a workshop titled, "From School to Home: How Teachers Can Support Family Math Engagement" at the sixth annual Ready, Set, Teach! Summer Institute, 2018: A Conference for Early Childhood Professionals, Chicago, IL.

Science of Learning Network: A Research-Practice Collaboration 2015 - 2016

Participated in a series of sessions attended by University of Chicago researchers and local educators and school- and district-level leaders aimed at facilitating communication and collaboration among researchers and practitioners in order to improve student achievement in urban schools

Blog Posts for Development and Research in Early Math Education (DREME) Network

Eason, S., Nelson, A., Levine, S., & Claessens, A. (2021). Engaging in conversations to support math thinking. <https://dreme.stanford.edu/news/engaging-conversations-support-math-thinking>

Eason, S., & Levine, S. (2020). Family math in research and practice: Where do we go from here? <https://dreme.stanford.edu/news/family-math-research-and-practice-where-do-we-go-here>

Eason, S. H., Hurst, M., Oswald, M., Kerr, K., Greene, A., Levine, S., & Claessens, A. (2019). Math with paper: Fold some math into your day! <https://dreme.stanford.edu/news/math-paper-fold-some-math-your-day>

Eason, S. H., & Levine, S. C. (2017). Spatial reasoning: Why math talk is about more than numbers. <https://dreme.stanford.edu/news/spatial-reasoning-why-math-talk-about-more-numbers>

Nelson, A., **Eason, S.**, Dearing, E., & Levine, S. (2017). Making the most of talk about numbers. <https://dreme.stanford.edu/news/making-most-talk-about-numbers>

PROFESSIONAL EXPERIENCE, SERVICE, AND MEMBERSHIPS

Editorial and Review Work

Consulting Editor for *Journal of Cognition and Development* 2026-present

Associate Editor for *Journal of Applied Developmental Psychology* 2025-present

Consulting Editor for *Child Development* 2022-present

Editorial Board for *Journal of Applied Developmental Psychology* 2024

Ad Hoc Reviewer (2013-present)

Child Development Perspectives
Developmental Psychology
Early Childhood Research Quarterly
Educational Psychologist
Emotion
Frontiers in Psychology
Health & Social Care in the Community
Infant and Child Development
International Journal of Educational Research
Journal of Cognition and Development
Journal of Educational Psychology
Journal of Experimental Child Psychology
Journal of Research in Childhood Education
Learning and Individual Differences
Parenting: Science and Practice
Social Development
Teaching and Teacher Education

Conference Reviewer

International Conference on Literacy Culture and Language Education (ICLCLE), 2024
 Annual Conference

Society for Research in Child Development (SRCD) Biennial Meeting

For 2023 Meeting: Panel #4: Cognitive Processes

For 2021 Meeting: Panel #8: Education, Schooling

For 2019 Meeting: Panel #18: School Readiness/Childcare

For 2017 Meeting: Panel #8: Family Context & Processes

American Educational Research Association (AERA) Annual Meeting

For 2017 and 2018 Meetings: Division L – Educational Policies and Politics, Section 3: Curriculum and Instruction

Grant Reviewer

Ad-Hoc Reviewer, NSF, 2024-2025

Reviewer, Purdue Center for Families, Family Research Grant, 2024

Reviewer, Purdue AgSEED Internal Grant Competition, 2021

Memberships and Affiliations

Society for Research in Child Development (SRCD)

Mathematics Cognition and Learning Society (MCLS)

Big Ten Early Learning Alliance

Affiliate of Purdue Center for Families

Affiliate of Development and Research in Early Math Education (DREME) Network (2015-2019)

Service

Department of Human Development and Family Science, Purdue University

- Chair, Community Stewardship and Growth Committee, 2025-present
- Search Committee for Research Faculty position, 2025
- Chair, Family/Community Engagement, Center for Early Learning, 2023-present
- Administrative Review Committee for HDFFS Department Head, 2023
- Ad Hoc Committee for Graduate Mentoring Guidelines, 2022-2023
- Search Committee for position in Diversity in Developmental Science, 2022-2023
- Chair, Professional Development and Family/Community Engagement, Center for Early Learning, 2022-2023
- Diversity, Equity, and Inclusion Committee, 2021-2025
- Faculty Leadership Council, Center for Early Learning, 2020-present
- Search Committee for position in Family Diversity and Human Development, 2020-2021
- Diversity, Equity, and Inclusion Taskforce, 2020-2021
- Early Childhood Education & Exceptional Needs Committee, 2019-present

College of Health and Human Science, Purdue University

- Reviewer, HHS DEI Science Consortium Paper Award, 2023
- HDFFS Representative, Honors Program Coordinating Committee, 2020-present

Purdue University

- Scholarly Project Review Committee, John Martinson Honors College, 2024-present
- Judge, Purdue Spring Undergraduate Research Conference, 2022 and 2025
- Panelist, *Tech Today* session on early experiences with Brightspace soft launch, 2020

Field

- Panelist, *Mathematics Cognition and Learning Society*, Session on the Academic Job Market, 2021