

REGAN VIDIKIS
Education Development Center, Inc.
96 Morton Street, 7th Floor, New York, NY 10014

EDUCATION

- 2008 M.S. Ed, Early Childhood Education and Special Education, Hunter College, NY, NY
NYS Teaching Certification in Early Childhood Special Education (Birth – Gr 2)
NYS Teaching Certification in Early Childhood Education (Birth – Gr 2)
- 2002 B.A., English (Literature/Rhetoric), Binghamton University, Binghamton, NY

PROFESSIONAL EXPERIENCE

- Education Development Center, NY, NY (2010 – present)
Research Associate
- NYC Committee for Preschool Special Education, NY, NY (2009-2015)
Special Education Itinerant Teacher and Education Evaluator
- NYS Department of Health Early Intervention, NY, NY (2009-2015)
Special Instructor and Development Evaluator
- Rebecca School NY, NY (2007-2010)
Business Manager for a private school for children with neurodevelopmental disorders

RELEVANT PROJECT AND OTHER EXPERIENCE

- **Monkeying Around, National Science Foundation** (2016-present). Co-development, piloting and administration of assessment of preschool children’s learning tied to a new WGBH-produced preschool broadcast and online series with classroom/family resources, designed to support integrating computational thinking into learning in preschool and at home. Materials include animated and live-action videos and parent-engagement resources, designed to build preschoolers’ computational thinking skills.
- **Inventing, Designing, Engineering on the Autism Spectrum, National Science Foundation** (2015-present). Research collaborator on a design-based implementation research project developing an Engineering Design program for middle-schoolers on the autism spectrum and their general education peers.
- **Ready To Learn (Dept of Education, Corporation for Public Broadcasting & Public Broadcasting Service)** (2011-present). As part of a summative and formative evaluation team, contribute to the design, implementation, management, and reporting of both large and small-scale studies to evaluate the impact of public media digital assets focused on science, math, and literacy.
- **Next Generation Preschool Science, National Science Foundation** (2013-2018). Collaborate on the development and field-testing of digital and hands-on learning activities to promote preschoolers’ engagement in science practices and understanding of science concepts. Collaborate on the development and integration of professional development resources to support teachers and guide the classroom implementation of a preschool science curriculum supplement.
- **Plum Rx, National Science Foundation** (2015-2016). Contribute to the development of a digital Toolkit of resources to help educators and urban, low-income families with children ages 6 to 9 infuse science learning into afterschool programs and family activities. This

work involved gathering and analyzing data from multiple sources including surveys, interviews, and observations.

- **Ramps and Pathways and Little Discoverers, Sesame Workshop (2012-2014).** Collaborated on the development of formative evaluation measures and data collection instruments for evaluations of STEM curriculum supplements that included classroom observations, teacher surveys and implementation logs, parent surveys, and child assessments.
- **Special Education Itinerant Teacher and Special Instructor (2009-2015)** Provided individualized special education services for children age birth to 5 through agencies sponsored by the NYS Department of Health's Early Intervention Program and the NYC Committee for Preschool Special Education. Developed and enacted curriculum and related learning goals for children with varied developmental delays and disabilities. Collaborated with parents, teachers and related service providers (ie. occupational therapists, speech language pathologists, and physical therapists) to ensure integration and efficacy of services.
- **Education and Developmental Evaluator (2009-2015)** Provided developmental and educational evaluations using standardized assessments for children with suspected developmental delays or disabilities through agencies sponsored by the NYS Department of Health's Early Intervention Program and the NYC Committee for Preschool Special Education. Contributed to the determination of eligibility for services based on assessment results in the cognitive, gross motor, fine motor, communication, social-emotional, and adaptive/self-help developmental domains.

RELATED PROFESSIONAL ACTIVITIES

- National Science Foundation, CADRE Fellow (2014-2015)
 - CADRE is the resource network for the National Science Foundation's Discovery Research preK-12 (DR K-12) program
- Peer reviewer
 - American Education Research Association Conference proposals (2014)
 - The Administration for Children and Families' National Research Conference on Early Childhood proposals (2018)

SELECTED PUBLICATIONS

Vahey, P., Vidiksis, R., Gutierrez, J. (In press). What Early Childhood Educators Need in Order to Use Digital Media Effectively. In S. Pasnik (Ed.), *Getting Ready to Learn: Creating Effective, Educational Children's Media*. New York: Routledge.

Lewis Presser, A.E., Dominguez, X., Goldstein, M., Vidiksis, R., & Kamdar, D. (Accepted with Revision, for publication in 2018). Ramp it up! Preschoolers investigate force and motion with a digital journal. *Science & Children*.

Domínguez, X., Goldstein, M., Lewis Presser, A., Kamdar, D., Vidiksis, R. & Orr, J. (2018). Developing the Next Generation of Preschool Scientists: Findings from Iterative Design and a Randomized Controlled Study to Examine Implementation and Outcomes. Manuscript in preparation for submission to *Early Childhood Research Quarterly*.

Presser, A. L., Kamdar, D., Vidiksis, R., Goldstein, M., Dominguez, X., & Orr, J. (2017). GROWING PLANTS And MINDS. *Science and Children*, 55(2), 41.

- Vasquez, S., Vidiksis, R., Dominguez, X. (2016) Development of an Early Mathematics Assessment to evaluate the Promise of a Program for Families. *American Educational Research Association*.
- Sharifnia, E., Vidiksis, R., Orr, J., Dominguez, X., Goldstein, M., & Kamdar, D. (2015). Developing Preschool Scientists: Identifying best practices for using tablets to support early science teaching and learning. In *Society for Information Technology & Teacher Education International Conference* (Vol. 2015, No. 1, pp. 1745-1750).
- Vidiksis, R., Jo, Y., Hupert, N. & Llorente, C. (2013). All Hands On Tech: Math and Media in the Preschool Classroom. In R. McBride & M. Searson (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2013* (pp. 4453-4457).

SELECTED PRESENTATIONS

- Vidiksis, R., Hoisington, C., Christensen, C. *Identifying High Quality Science Media Resources*. The National Research Conference on Early Childhood (NRCEC). Washington, DC. June 2018.
- Christensen, C., Adair, A., Gerard, S., Goldstein, M., Vidiksis, R., Hupert, N. *Televisions, tablets, and teachers: Research-based strategies for using technology to support preschool learning*. National Association for the Education of Young Children's Professional Learning Institute (NAEYC PLI), Austin, TX. June 2018.
- Hupert, N., Vahey, P., Vidiksis, R., Silander, M. *Young children and digital media: examining impact through three RCTs*. Society for Research on Educational Effectiveness (SREE), Washington, DC. March 2018.
- Vidiksis, R., Vasquez, S, Adair, A., Rosenfeld, D. *Promoting Children's Mathematics Learning at Home with Digital Media: Results of a Randomized Controlled Trial*. Society for Research in Child Development Biennial Meeting, Austin, TX. April 2017.
- Rosenfeld, D; Kamdar, D; Silander, M; Vidiksis, R.; Gerard, S; Gutierrez, J. *Effective Ways to Support Preschoolers' Active Learning Through Technology & Media*. National Association for the Education of Young Children (NAEYC), Los Angeles, CA. November 2016.
- Vasquez, S., Vidiksis, R., Dominguez, X. *Development of an Early Mathematics Assessment To Evaluate The Promise Of A Program For Families*, American Education Research Association (AERA), Washington, DC. April 2016.
- Silander, M.; Moorthy, S.; Dominguez, X; Hupert, N; Pasnik, S; Llorente, C.; Vasquez, S.; Vidiksis, R., *Supporting Early Childhood Mathematics in the Home through Technology and Media*. Association for Public Policy Analysis and Management, Miami, FL November 2015.
- Hupert, N., Jo, Y., Vidiksis, R. *Evaluating Evaluator-Client Relationships in the PreK STEM Projects*. Eastern Evaluation Research Society (EERS). Abescon, NJ. April 2015.
- Rosenfeld, D., Vidiksis, R. *Tracing the development of counting and patterns with PEG+CAT*. National Council of Teachers of Mathematics (NCTM). Boston, MA. April 2015.
- Sharifnia, E., Vidiksis, R, Orr, J., Dominguez, X., Goldstein, M., Kamdar, D. *Developing Preschool Scientists: Identifying best practices for using tablets to support early science teaching and learning*. Society for Information Technology and Teacher Education (SITE). Las Vegas, NV. March 2015.
- Gorges, T., Vidiksis, R., Christiano, E., Llorente, C. *Aspirations and Anxiety: Learning and Home Technology and Media Use by Low-Income Families*. American Education Research

Association. Philadelphia, PA. April 2014.

Hupert, N., Vidiksis, R., Kamdar, D. *Digital Resources and Early Math Learning in Prekindergarten Classrooms: PBS KIDS Transmedia Curriculum Supplement to Support Young Children's Mathematics Learning*. Association of Mathematics Teacher Educators (AMTE) Conference. Irvine, CA. February 2014.

Hupert, N., Llorente, C., Moorthy, S., Jo, I. Y., & Vidiksis, R. *Math + Media: A Formula for Non-school Settings*. Society for Information Technology and Teacher Education, New Orleans, LA. March 2013.