Dr. M Alejandra A. Sorto

Texas State University
College of Science & Engineering
Mathematics
(512) 245-3423
as45@txstate.edu

Institutions of Higher Education Attended

PHD, Michigan State University.

MS, Michigan State University.

MS, University of Texas at El Paso.

BS, University of Texas at El Paso.

Previous Teaching Positions

Professor, Texas State University. (September 2018 - Present).

Associate Professor, Texas State University. (September 2011 - August 2018).

Assistant Professor, Texas State University. (September 2005 - August 2011).

Visiting Professor, Universidad Pedagógica Nacional. (June 2007 - August 2007).

Assistant Professor, Montgomery College. (September 2001 - May 2005).

Visiting Professor, Universidad Pedagógica Nacional. (January 2003).

Teaching Assistant, Michigan State University. (September 1999 - May 2000).

Instructor, Universidad Católica de Honduras. (1997 - 1998).

Teaching Assistant, Michigan State University. (1992 - 1997).

Teaching Assistant, University of Texas at El Paso. (September 1990 - May 1992).

Significant Professional Works

Conference Proceedings

Sorto, M. A. (2026). Constructing the observables, claiming the unobservables: The challenges of analytic tools in mathematics education. In K. K. Beswick, B. Kaur, K. Makar, C. Ochoviet, & H. Venkat (Eds.), Paper presented at 15th International Congress of Mathematics Education (ICME 15), Sydney, Australia. (pp. 533-545). Sydney: MERGA.

Namakshi, N., Warshauer, H. K., Sorto, M. A., White, A. (2024). Investigating prospective teachers' assessment of student thinking and their mathematical knowledge for teaching. Paper presented at North America Chapter of the Psychology of Mathematics Education (PMENA), Cleveland, OH, November 7-10, 2024. Kent, Ohio: Kent State University.

Refereed Journal Articles

Sugimoto, A., Pham, A., Melhuish, K. M., Thanheiser, E., Sorto, M. A. (2026). Meaning Supporting Practices Focused on Mathematical Tasks, Language, and Concepts. *International Journal of Science and Mathematics Education*.

Gómez Blancarte, A. L., Rivera Perez, J. G., Sorto, M. A. (2026). Exploring the inclusion of technology in statistics teaching in Mexican colleges. *Journal of Statistics and Data Science Education*, 1-25.

Melhuish, K. M., Strickland, S. K., Han, S., Sorto, M. A. (2024). Why Ask Why? An Analysis of Teachers' Why-Questions in Elementary and Middle Grade Mathematics Classrooms. *Journal of Mathematics Teacher Education*.