

Education

Ph.D. in Higher Education, Curriculum & Instruction/Math Cognate from The University of South Florida

M.Ed. from The University of South Florida, Tampa, Fl

B.S. from Florida State University,

Previously team taught a distance learning college algebra class. Utilized video conferencing for an off campus site. The class received weekly lectures with videotapes available on campus and a live weekly call-in algebra hotline TV show on the Education Channel for homework questions.

Hillsborough Community College, Tampa, Fl: *Assistant Professor Mathematics (1984-2007)*

Journal Articles being Revised or are Under Review

., Torres, A., Hopf, F., Sibol, A., Williams, C. Transforming College

Workshops & Presentations

- ., Sears, R., Torres, A., & Williams, C. (2017, March, 9-27). *Does Mastery Learning for Online College Algebra Students Enhance Students' Performance*. Presented at the twenty-ninth annual International Conference on Technology in Collegiate Mathematics. Chicago, IL.
- Sears, R., ., Torres-Ayala, A., Williams, C. (2017, March 9-12). *Using Plan-Do-Study-Act Cycles to Transform Introductory Mathematics Courses*. Presented at the twenty-eight annual International Conference on Technology in Collegiate Mathematics, Chicago, IL.
- Torres-Ayala, A., Williams, C., Sears, R., & . (2017, March 9-12). *Let's Talk: The Benefits of Interdisciplinary Conversations in Transforming Math Courses*. Presented at the twenty-ninth annual International Conference on Technology in Collegiate Mathematics. Chicago, IL.
- Sears, R., ., Torres-Ayala, A. (2016, March 10-13). *Developing preservice teachers mathematical content knowledge with MyMathTest*. Presented at the twenty-eight annual International Conference on Technology in Collegiate Mathematics, Atlanta, GA
- Torres-Ayala, A., Sears, R., & . (2016, March 10-13). *Multiple Testing Opportunities in College Algebra: Does It Promote Student Success?* Presented at the twenty-eight annual International Conference on Technology in Collegiate Mathematics, Atlanta, GA.
- ., & Sears, R. (2015, March 12-15). *Enhancing college algebra with team-based activities*. Presented at the twenty-seventh annual International Conference on Technology in Collegiate Mathematics, Las Vegas, NV.
- Sears, R., ., Torres-Ayala, A. (2015, March 12-15). *College Algebra students perspective of the SMART Lab learning environment*. Presented at the twenty-seventh annual International Conference on Technology in Collegiate Mathematics, Las Vegas, NV.
- ., & Sears, R. (2014, March 6). *Flipping the classroom in upper level math with EWA*. It can be accessed at http://www.cengage.com/tlconnect/client/discipline/archived_online_seminars.do?disciplineId=54
- ., Sears, R., Torres, A. & Maher, M. (2014, March 20-23). *Help me solve this—does it?: Implications of an online tool on student learning*. Presented at the twenty-sixth annual International Conference on Technology in Collegiate Mathematics, San Antonio, Texas.
- ., & . (2014, March 6). *Flipping the classroom in upper level math with EWA*. It can be accessed at http://www.cengage.com/tlconnect/client/discipline/archived_online_seminars.do?disciplineId=54
- ., & Sears, R. (2013, November 19). *USF SMART Lab: An example of flipping the classroom using good practices*. Presentation at the Academy for

