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EDUCATIONAL BACKGROUND

2009: Ph.D., Curriculum and Instruction (Mathematics Education)
School of Teaching and Learning, College of Education
University of Florida, Gainesville, FL

2002: M.A.T., Secondary Education/Special Education
Trinity University, San Antonio, TX

2001: B.A., Mathematics
Trinity University, San Antonio, TX

PROFESSIONAL EMPLOYMENT HISTORY

2019 – Present: ***The University of Texas at San Antonio,*** **San Antonio, TX**
Assistant Dean of Research
College of Education and Human Development

2015 – Present: ***The University of Texas at San Antonio,*** **San Antonio, TX**
Associate Professor
Curriculum and Instruction, Mathematics Education
Department of Interdisciplinary Learning and Teaching

2009 – 2015: ***The University of Texas at San Antonio*****, San Antonio, TX**
Assistant Professor
Curriculum and Instruction, Mathematics Education
Department of Interdisciplinary Learning and Teaching

2005 – 2006: ***The University of Florida,*** **Gainesville, FL**
Research Assistant, *Project TALL Math: Teachers as Learners Learning Mathematics* (PI: Thomasenia Lott Adams, Ph.D.)

2005 – 2009: ***The University of Florida*, Gainesville, FL**
Graduate Research Assistant and Teaching Assistant
College of Education, School of Teaching and Learning

2002 – 2005: ***Westside High School*, Houston, TX**
Mathematics Teacher

AWARDS AND HONORS

- Nominee, Richard S. Howe Outstanding Undergraduate Teaching Award, 2020
- Leadership UTSA Cohort, 2016-2017
- Nominated for Regents' Outstanding Teaching Award (Tenured), 2016, System Level
- Nominated for DOCUmation cash award, 2014
- University of Florida Alumni Fellow, 2005-2009
- University of Florida (university-wide) Graduate Student Teaching Award, 2008
- Elizabeth & William F. Leonard Scholarship, 2006
- "Who's Who Among America's Teachers" Award, 2006, 2007, 2013
- University of Florida Graduate Student Council Travel Grant, 2005-2009
- University of Florida School of Teaching and Learning Travel Grant, 2009

PUBLICATIONS

Books

[BK2] Yuen, T., **Bonner, E. P.,** & Arreguin-Anderson, M. G. (2018). *(Under)Represented Latin@s in STEM: Increasing Participation Throughout Education and the Workplace.* Peter Lang.

[BK1] **Bonner, E. P.** (2011). *Unearthing culturally responsive mathematics teaching: The legacy of Gloria Jean Merriex.* Lanham, MD: Hamilton Books.

*Peer-Reviewed Journal Articles (*denotes graduate student)*

[JA16] Nelson, R.*, Marone, V., Garcia, S.*, Yuen, T. T., **Bonner, E. P.**, & Browning, J. (in press). Transformative Practices in Engineering Education: The Embedded Expert Model. Submitted to *Institute of Electrical and Electronics Engineers* (*IEEE) Transactions on Education* (*IF 1.855*).

[JA15] **Bonner, E. P.**, Hinojosa, D. M., Kalinec-Craig, C. (2020). Community mathematics project: Partnering universities, prospective teachers, and community centers to facilitate mathematics tutoring for parents. *Journal of Mathematics Teacher Education Texas, 10*(2), 6-7.

[JA14] **Bonner, E.P.** (2019). Equity-focused professional development for Algebra I

teachers in urban districts. *Journal for Mathematics Education Leadership, 20*(2), 3-14 (*27% acceptance rate in 2019*).

[JA13] Rodriguez, C.* & **Bonner, E.P.** (2018). The Impact of Teacher Questioning and Open-Ended Problems on Mathematical Communication. *Journal of Teacher Action Research, 4*(3), 68-89.

[JA12] **Bonner, E. P.** (2016). Evolutions and Contradictions: A Pedagogical Reflection. *Journal of Mathematics and Culture 10*(3), 32-49 *(<10% acceptance rate*).

[JA11] Moseley, C. , **Bonner, E.P.,** & Ibey, M.* (2016). Validation of the Chemistry Self-Efficacy Survey (CSES). *European Journal of Science and Mathematics Education, 4*(1), 1-16.

[JA10] Meyer, H. S.* & **Bonner, E. P.** (2014). Higher-Order Thinking in Algebra: Barriers and Opportunities. *Texas Mathematics Teacher*, *XLI*(1), 6-12.

[JA9] **Bonner, E. P.** (2014). Investigating practices of highly successful teachers of traditionally underserved students. *Educational Studies in Mathematics, 86*(3), 377-399 (*IF 1.726*).

[JA8] **Bonner, E. P.**, Ruiz, E. C., & Travis, B. (2013). Investigating Content Knowledge of Traditionally vs. Alternatively Prepared Pre-service Secondary Mathematics Teachers. *Issues in the Undergraduate Mathematics Preparation of School Teachers, 1*, 1-13.

[JA7] **Bonner, E. P.** & Adams, T.L. (2012). Culturally responsive teaching in the context of mathematics: A grounded theory approach. *Journal of Mathematics Teacher Education, 15*(1), 25-38 (*IF 1.574*).

[JA6] Muniz, A.*, Carrier, P.*, & **Bonner, E. P.** (2010). Improving elementary school students' multiplication skills through small group intervention and recursive review. *Texas Mathematics Teacher*, *LVII*(2), 22-25.

[JA5] **Bonner, E. P.** (2010). Promoting Culturally Responsive Teaching through Action Research in a Mathematics Methods Course. *Journal of Mathematics and Culture, 5*(2), 16-33 (*acceptance rate <10%*).

[JA4] Adams, T. L. & **Bonner, E. P.** (2009). Teaching mathematics through facilitation: A pedagogical approach to bringing the next generation Sunshine State Standards to life. *Dimensions in Mathematics, 29*(2), 25-29.

[JA3] **Bonner, E. P.** (2009). Achieving success with African American learners: A framework for culturally responsive mathematics teaching. *Childhood Education, 86*(1), 2-6.

[JA2] **Bonner, E. P.** (2009). The silence of fear: Making sense of student (mis)behavior. *The High School Journal, 92*(3), 44-53.

[JA1] **Peterek, E.** (2007). Sex in the middle school. *Florida League of Middle Schools Journal, 9*, 3-9.

Peer-Reviewed Book Chapters

[BC6] **Bonner, E. P.** (2019). Evolutions and Contradictions: A Pedagogical Reflection. In T. Shockey (Ed.), *Culture that Counts: A Decade of Depth with the Journal of Mathematics and Culture (pp. 75-86).* Galena, OH: Skye's the Limit. Reprint.

[BC5] **Bonner, E. P.** (2019). Promoting Culturally Responsive Teaching through Action Research in a Mathematics Methods Course. In T. Shockey (Ed.), *Culture that Counts: A Decade of Depth with the Journal of Mathematics and Culture (pp. 589-601).* Galena, OH: Skye's the Limit. Reprint.

[BC4] Adams, T. L. & **Bonner E. P.** (2018). Distinguishing Features of Culturally Responsive Pedagogy Related to Mathematics Instruction. In E. A. Silver & V. L. Mills (Eds.), *Eliciting and using evidence of student thinking to guide instruction: Linking formative assessment to other effective instructional practices.* Reston, VA: National Council of Teachers of Mathematics.

[BC3] Kalinec-Craig, C. & **Bonner, E. P.** (2015). Seeing the World with a New Set of Eyes: (Re)Examining Our Identities as White Mathematics Education Researchers of Equity and Social Justice. In N. M. Russell & F. Cobb (Eds.), *Interrogating whiteness and relinquishing power: White faculty's commitment to racial consciousness in STEM classrooms (pp. 91-112).* New York, NY: Peter Lang Publishing.

[BC2] **Peterek, E.** & Adams, T. L. (2009). Meeting the challenge of engaging students for success in mathematics by using culturally responsive methods. In D. Y. White & J. S. Spitzer (Eds.), *Mathematics for every student: Responding to diversity* (pp. 149-159). Reston, VA: National Council of Teachers of Mathematics.

[BC1] **Peterek, E.** (2009). The five star mentor: A first class guide in teaching. In G. Zimmermann (Ed.), *Empowering mentors of teachers of mathematics* (pp. 16-17). Reston, VA: National Council of Teachers of Mathematics.

Peer-Reviewed Conference Proceedings

[CP9] Hinojosa, D. M., **Bonner, E. P.**, & Kalinec-Craig, C. (2020). Community Mathematics Project: Tutoring Low Income Parents to Make Sense of Mathematics. In A. I. Sacristan & J. C. Cortes (Eds.), Proceedings of the 42nd

annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Mazatlan, Mexico.

[CP8] Kalinec-Craig, C., & **Bonner, E. P.** (2020). SEE Math: Support and Enrichment Experiences in Mathematics. In A. I. Sacristan & J. C. Cortes (Eds.), Proceedings of the 42nd annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Mazatlan, Mexico.

[CP7] **Bonner, E. P.**, Marone, V., Yuen, T., Nelson, R.*, & Browning, J. (2020). Lessons Learned: Integrating Active Learning into Undergraduate Engineering Courses. Proceedings of the 127th American Society for Engineering Education (ASEE) Annual Conference, Montreal, Canada.

[CP6] Marone, V., Nelson, R.*, Garcia, S.*, **Bonner, E**.**P**., Yuen, T., & Browning, J. (2018). Transforming Courses to Engage Student Learning in Engineering. Proceedings of the 125th American Society for Engineering Education (ASEE) Annual Conference, Salt Lake City, UT.

[CP5] Nelson, R.*, Garcia, S.*, **Bonner, E.P.**, Marone, V., Yuen, T., Browning, J. (2018). Engaging Engineering Faculty in Transformative Practices. Proceedings of the 6th International Conference on Learning and Teaching in Computing and Engineering (LaTiCE), Auckland, New Zealand.

[CP4] Yuen, T. T., **Bonner, E.P.,** and others. (2016). *Embedded Experts for Undergraduate Engineering Faculty Professional Development.* Proceedings of the Institute of Electrical and Electronics Engineers (IEEE) International Conference on Teaching, Assessment, and Learning for Engineering, Bangkok, Thailand.

[CP3] Prasad, P.V., Rodriguez, C.* & **Bonner, E.P.** (2016). *Teachers as Problem Solvers: Insights from Professional Development.* In M.B. Wood, E. Turner, M. Civil, & J. Eli (Eds), Proceedings of the 38th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, pp. 438-439. Tucson, AZ: University of Arizona.

[CP2] **Bonner, E.**, Saygin, C., Zuflacht, M. A.*, Chavez, O., Carmona, G., Travis, B. (2015). *Developing STEM Educators through Project-Based Instruction*. In M.J. Mohr-Schroeder & J.N. Thomas (Eds.), Proceedings of the 114th annual convention of the School Science and Mathematics Association (Vol. 2), pp. 210-218. Oklahoma City, OK: SSMA.

[CP1] Saygin, C., **Bonner, E.**, Travis, B., Chavez, O., and Carmona, G. (2015). *Project Based Learning: An Engineering Design Centered Model*. Proceedings of the 11th International Conference on Engineering Education (EDUCATION'15), Educational Technologies Series, pp.41-46, Vol.17, ISBN 978-1-61804-312-2, Editors: K. Psarris and C. Guarnaccia.

Other Publications

[OP3] Rodriguez, C.*, Gann, L., **Bonner, E. P.**, & Moseley, C. (2016). Development of the Mathematics Teachers' Beliefs about English Language Learners Survey (MTBELL): Research to Practice. *School Science and Mathematics Online RTP Article, 1-4.*

[OP2] **Bonner, E.** (2014). *Math Know-How: Answers to Your Most Persistent Teaching Issues, Grades 3-5*: Book Review. National Council of Supervisors of Mathematics Newsletter, Spring 2014.

[OP3] **Peterek, E.** (2009). *Culturally responsive teaching in the context of mathematics: A grounded theory approach* (Doctoral dissertation). ProQuest. UMI Number 3385979.

Works in Review

[IR3] Kalinec-Craig, C., Bonner, E. P., & Kelley, T.* (submitted July, 2020). Support and Enrichment Experiences in Mathematics (SEE Math): Using Case Studies to Improve Mathematics Teacher Education. Submitted to *Mathematics Teacher Educator.*

[IR2] Bonner, E. P. (revised for resubmission September, 2020). Putting Culturally Responsive Mathematics Teaching into Practice. Submitted to *Mathematics Teacher: Learning and Teaching Pre K-12.*

[IR3] Garcia, S. A.*, Bonner, E. P., Yuen, T., Nelson, R.*, Marone, V., & Browning, J. (submitted May 2020). Supporting Instructional Practice of Engineering Faculty Transitioning from Industry to Academia. Submitted to *College Teaching.*

Works in Progress

[IP3] Hinojosa, D.M, & Bonner, E.P. Community Mathematics in Teacher Education as a Catalyst for Equity and Sense-Making. To be submitted to *Mathematics Teacher Educator.*

[IP2] Bonner, E.P., & Hinojosa, D.M. Capitalizing on Online Platforms to Promote Sense-Making and Questioning Techniques among Teacher Candidates. To be submitted to *Journal of Technology and Teacher Education.*

[IP3] Hinojosa, D.M., & Bonner, E.P. Prospective Teachers Tutoring Parents in Low-Income Communities: Working Outside the Lines.

PROFESSIONAL DEVELOPMENT MODULES

Adams, T. L., LaFramenta, J. & **Peterek, E.** (2007). *They Say I was Made for Teaching: Teaching Mathematics across Multiple Intelligences.* Gainesville, FL: Lastinger Center for Learning. [hardcopy with accompanying video]

PROFESSIONAL MEETING PRESENTATIONS (PEER-REVIEWED)

International

Hinojosa, D. M., **Bonner, E. P.**, & Kalinec-Craig, C. (2020). Community Mathematics Project: Tutoring Low Income Parents to Make Sense of Mathematics. Presented at the 42nd annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Mazatlan, Mexico.

Kalinec-Craig, C., & Bonner, E. P. (2020). SEE Math: Support and Enrichment Experiences in Mathematics. Presented at the 42nd annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Mazatlan, Mexico.

Bonner, E. P., Marone, V., Yuen, T., Nelson, R.*, & Browning, J. (2020). Lessons Learned: Integrating Active Learning into Undergraduate Engineering Courses. Presented at the 127th American Society for Engineering Education (ASEE) Annual Conference, Montreal, Canada.

Marone, V., Nelson, R.*, Garcia, S.*, **Bonner, E.P.**, Yuen, T., & Browning, J. (2018). Transforming Courses to Engage Student Learning in Engineering. Presented at the American Society for Engineering Education (ASEE) Annual Conference, Salt Lake City, UT.

Nelson, R.*, Garcia, S.*, **Bonner, E.P.**, Marone, V., Yuen, T., Browning, J. (2018). The Impact of Course Transformations in Undergraduate Engineering Courses. Presented at the Conference on Learning and Teaching in Computing and Engineering (LaTiCE), Auckland, New Zealand.

Yuen, T. T., **Bonner, E.P.,** and others. (2016). *Embedded Experts for Undergraduate Engineering Faculty Professional Development.* Presented at the IEEE International Conference on Teaching, Assessment, and Learning for Engineering, Bangkok, Thailand.

Prasad, P.V., Rodriguez, C. & **Bonner, E.P.** (2016). *Teachers as Problem Solvers: Insights from Professional Development.* Presented at the 38th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Tucson, AZ.

Bonner, E. P. (2014, April). *A Professional Development Framework for Developing Culturally Responsive Algebra Teachers in Urban Districts.* Presented at the annual meeting of the American Educational Research Association, Philadelphia, PA.

Peterek, E. (2009, April). *Culturally Responsive Mathematics Teaching: A Grounded Theory Approach.* Presented at the annual meeting of the American Educational Research Association, San Diego, CA.

National

Bonner, E.P., Kalinec-Craig, C., & Hinojosa, D. (2020). Community Math Project: Partnering Universities, Prospective Teachers, and Community Centers to Facilitate Mathematics Tutoring for Parents. Presented at the annual meeting of the Association of Mathematics Teacher Educators, Phoenix, AZ.

Bonner, E. P., Aguirre, J., and Kalinec-Craig, C. (2019). Mathematics in the Community: Leveraging Common Practices to Empower Students and Families. Presented at the annual meeting of the National Council of Teachers of Mathematics, San Diego, CA.

Bonner, E. P., Kelley, T.*, and Kalinec-Craig, C. (2019). Preservice Teachers Communicating Children's Mathematical Strengths in the Form of Family Newsletters. Presented at the national meeting of the Association of Mathematics Teacher Educators, Orlando, FL.

Bonner, E. P., Kalinec-Craig, C., Aguirre, J., & Roth-McDuffie, A. (2018). *Preparing Elementary Teachers to Engage Families in Mathematics: Essential Routine Practices.* Presented at the annual meeting of the Association for Mathematics Teacher Educators, Houston, TX.

Bonner, E. P. & Carmona, G. (2016, April). *Empowering Teacher Leaders through Innovative Professional Development: The South Texas STEM Center.* Presented at the annual meeting of the National Council of Supervisors of Mathematics, Oakland, CA.

Rodriguez, C.*, Prasad, P., & **Bonner, E.P.** (2016, April). *Teachers as Problem Solvers: Insights from Professional Development.* Presented at the annual Research Meeting for the National Council of Teachers of Mathematics, San Francisco, CA.

Bonner, E. P., Chavez, O., Carmona, G., Zuflacht, M. A., Saygin, C., Travis, B. (2016, January). *The South Texas STEM Center: A Collaborative Approach to Professional Development.* Presented at the annual meeting of the Association of Mathematics Teacher Educators, Irvine, CA.

Bonner, E.P., Chavez, O., Carmona, G., Zuflacht, M. A., Saygin, C., Travis, B. (2015, October). *Developing STEM Educators through Project-Based Instruction.* Presented at the annual meeting of the School Science and Mathematics Association, Oklahoma City, OK.

Bonner, E. P. (2014, February). *A Framework for Professional Development for Algebra I Teachers in High-Need Schools.* Presented at the annual meeting of the Research Council on Mathematics Learning, San Antonio, TX.

Bonner, E. P. (2014, February). *Action Research for Equity in Urban Mathematics Classrooms*. Presented at the annual meeting of the Association of Mathematics Teacher Educators, Irvine, CA.

Bonner, E. P. (2013, November). *Preparing Mathematics Teachers for Diverse Classrooms – A Professional Development Framework.* Presented at the annual meeting of the School Science and Mathematics Association, San Antonio, TX.

Bonner, E. P. (2013, January). *Equity-Focused Professional Development for Algebra I Teachers in Urban Districts: Building an eCommunity of Practice*. Presented at the annual meeting of the Association of Mathematics Teacher Educators, Orlando, FL. **Session was one of ten chosen for the equity-themed "learn and reflect" strand.

Bonner, E. P. & Ruiz, E. (2012, February). *Preparing Mathematics Teachers for Diversity through Community Involvement: An Investigative Study*. Presented at the annual meeting of the Association of Mathematics Teacher Educators, Dallas, TX.

Bonner, E. P. (2011, January). *Unearthing Culturally Responsive Mathematics Teaching: Using Grounded Theory to Deconstruct Successful Practice*. Presented at the annual meeting of the Association of Mathematics Teacher Educators, Irvine, CA.

Adams, T. L. & **Bonner, E. P.** (2010, April). *Building Cultural Congruity for African American Learners of Mathematics*. Presented at the annual meeting of the National Council of Supervisors of Mathematics, San Diego, CA.

Peterek, E. (2009, April). *Exploring Practices of Successful Teachers of African American Children.* Presented at the annual meeting of the National Council of Teachers of Mathematics, Washington, D.C.

Peterek, E. (2009, February). *Culturally Responsive Mathematics Teaching: A Grounded Theory Approach.* Presented at the annual meeting of the Association of Mathematics Teacher Educators, Orlando, FL.

Adams, T., **Peterek, E.**, Aslan-Tutak, F., & LaFramenta, J. (2009, February). *Qualitative Research Methods in Mathematics Education.* Presented at the annual meeting of the Association of Mathematics Teacher Educators, Orlando, FL.

LaFramenta, J. & **Peterek, E.** (2008, November). *Authentic Assessment of Preservice Elementary School Teachers in a Mathematics Methods Course.* Presented at the annual meeting of the School Science and Mathematics Association, Raleigh, NC.

Peterek, E. & Adams, T. L. (2008, January). *Culturally Responsive Mathematics Teaching: Empowering or Impossible?* Presented at the annual meeting of the Association of Mathematics Teacher Educators, Tulsa, OK.

Adams, T. L., **Peterek, E.**, & LaFramenta, J. (2008, January). *"They Say I Was Made For Teaching": A Project for Empowering Teachers of Mathematics.* Presented at the annual meeting of the Association of Mathematics Teacher Educators, Tulsa, OK.

Peterek, E., Adams, T. L., & Laframenta, J. (2007, March). *Culturally Responsive Mathematics Teaching on the Front Line.* Presented at the annual meeting of the National Council of Teachers of Mathematics, Atlanta, GA.

Peterek, E., Adams, T. L., & Laframenta, J. (2007, January). *Addressing the Achievement Gap: Pre-Service Teachers' Knowledge of Culturally Responsive Teaching in the Context of Mathematics*. Presented at the annual meeting of the Association of Mathematics Teacher Educators, Irvine, CA.

Peterek, E. & Adams, T. L. (2006, November). *Culturally Responsive Teaching in the Context of Mathematics*. Presented at the Centennial Conference of the College of Education, University of Florida, St. Petersburg, FL.

Adams, T. L., Aslan-Tutak, F., **Peterek, E.**, & Laframenta, J. (2006, November). *Teachers of Mathematics on the Front Line*. Presented at the Centennial Conference of the College of Education, University of Florida, St. Petersburg, FL.

Peterek, E. (2001, March). *Exploring the Inside of a Schwarzchield Black Hole.* Presented at the annual meeting of the Mathematical Association of America, Houston, TX.

Regional

Bonner, E. P. & Ruiz, E. C. (2011, February). *Using Web 2.0 Technology to Integrate the College and Career Readiness Standards (CCRS) into Mathematics Teacher Education Courses.* Presented at the annual meeting of the Southwest Educational Research Association, San Antonio, TX.

Bonner, E. P. & Ruiz, E. C. (2010, February). *Teacher Educator Inquiry in an Advanced Mathematics Methods Course.* Presented at the annual meeting of the Southwest Educational Research Association, New Orleans, LA.

Ruiz, E. C. & **Bonner, E. P.** (2010, February). *Culturally Relevant Pedagogy: Pre-Service Teachers' Beliefs.* Presented at the annual meeting of the Southwest Educational Research Association, New Orleans, LA.

State

Peterek, E. (2008, April). *Teaching Mathematics through Problem Solving.* Presented at the annual meeting of the Florida Fund for Minority Teachers, Orlando, FL.

Peterek, E. & Merriex, G. (2007, September). *Rapping with Math.* Presented at the annual

meeting of the Florida Council of Teachers of Mathematics, Orlando, FL.

Peterek, E. & LaFramenta, J. (2007, September). *Achieving Excellence in High-Poverty Schools: Overcoming Teacher Resistance*. Presented at the annual conference of the Florida Association of Teacher Educators, Orlando, FL.

Adams, T. L., LaFramenta, J., & **Peterek, E.** (2007, September). *The Work of a Master Teacher of Mathematics.* Presented at the annual conference of the Florida Association of Teacher Educators, Orlando, FL.

Peterek, E. (2006, October). *Culturally Responsive Mathematics Teaching: Strategies for Success*. Presented at the annual conference of the Florida Council of Teachers of Mathematics, Orlando, FL.

Adams, T. L., Aslan-Tutak, F., **Peterek, E.**, & Laframenta, J. (2006, September). *A Study of Teachers (Re)learning Mathematics*. Presented at the annual conference of the Florida Association of Teacher Educators, Orlando, FL.

Peterek, E. (2006, June). *Sex in the Middle School*. Presented at the annual conference of the Florida League of Middle Schools, Sarasota, FL.

Peterek, E. & Reynolds, C. (2002, March). *Practical Applications of Pascal's Triangle*. Presented at the annual conference of the Texas Middle School Association, Houston, TX.

Local

Bonner, E. P. (2010, July). *Teaching Elementary School Mathematics through Problem Solving.* Presented at the annual meeting of the Conference for the Advancement of Mathematics Teaching, San Antonio, TX.

Peterek, E. & LaFramenta, J. (2007, February). *Pre-Service Teachers' Changing Perspectives on Culturally Responsive Teaching in the Context of Mathematics*. Presented at the annual meeting of the Student Alliance of Graduates in Education, Gainesville, FL.

Peterek, E. (2007, May). *Culturally Responsive Teaching in Mathematics*. Presented at the annual meeting of the Graduate Student Council, Gainesville, FL.

Peterek, E. (2006, April). *Cultural Influences that Empower Teaching*. Presented at the annual meeting of the Student Alliance of Graduates in Education, Gainesville, FL.

Kamman, M. & **Peterek, E.** (2006, March). *A Simple Approach to Increasing Parental Involvement*. Presented at the University of Florida Inquiry Conference, Gainesville, FL.

Laframenta, J. & **Peterek, E.** (2006, February). *Using Pattern Blocks to Teach the NCTM*

Standards. Presented at the Heart of Florida Math and Science Conference, Gainesville, FL.

INVITED CONFERENCE AND WORKSHOP FACILITATION AND PARTICIPATION

Invited Presenter (September 2018). *Action Research as a Data Driven Tool for Improving Instruction.* University of Texas System Student Success Summit, Austin, TX.

Invited Presenter (September 2017), *Action Research as a Data Driven Tool for Improving Instruction.* TRESTLE group brown-bag lecture series, online.

Invited FAC Representative (September, 2016 and 2017), *UT System Student Success Summit* Dallas, TX

Invited Presenter with Betty Travis and Effie Mata (2016, March), *Implementing the New TEKS: Providing Ongoing Support to Teachers.*
Teacher Quality Grants Technical Meeting: Ft. Worth, TX

Panel Presenter (2014, March), *Mathematics Majors Seminar*
Trinity University: San Antonio, TX

Teaching through Problem Solving using the Process Standards (2014, March)
Alamo District Council of Teachers of Mathematics: Spring Fest, San Antonio, TX.

Panel Presenter (2013, September), *Discovering Gloria*: Documentary Premiere.
University of Florida: Gainesville, FL.

Invited Workshop Facilitator (2010, November)
College and Career Readiness Initiative: Professional Development Day, Round Rock, TX.

Invited Presenter (2010, September)
Mathematics and Science Summit: College and Career Readiness Initiative Faculty Collaborative, San Antonio, TX

Invited Workshop Participant (2008, February - March)
Elementary Teacher Preparation in Mathematics Workshop, Institute of Mathematics and Education, University of Arizona, Tucson, AZ.

Invited Panel Participant (2007, September)
The Silence of Fear: Making Sense of Student (Mis)behavior, Feature Forum: "Learning to Think about Race Differently: Teachers' Retrospective Analysis of Classroom-related Equity Issues", Florida Association of Teacher Educators, Orlando, FL.

Invited Symposium Participant (2007, May)

The Annual Symposium for the Maryland Institute for Minority Achievement and Urban Education, University of Maryland, College Park, MD.

GRANTING ACTIVITIES

Funded

[FG13] Co-PI with Cody Patterson (PI) and Priya Prasad (Co-PI): *Reasoning Language for Teaching Secondary Algebra (DRK-12, NSF), 2019-2022* ($444,474).

[FG12] Senior Investigator with Tim Yuen (PI), Arreguin-Anderson, Fernandez, Kalinec-Craig, and Prasad (Co-PIs): *CH4SA-HS: Developing a Collaborative of Secondary Computer Science Teachers to Increase Latinx participation in CS, National Science Foundation (NSF), 2019-2022* ($999,556).

[FG11] Institutional PI with Crystal Kalinec-Craig (Co-PI), Heidi Hunt (Co-PI, NVC), and Anna Harwin (PI, NVC): Community Math Project: Building Math Proficiency to Strengthen Teacher Education Through Collaborative Interventions, *Title V – Developing Hispanic-Serving Institutions Program, Department of Education (DOE), 2018-2023* ($3.7M; subaward $1M).

[FG10] PI with Betty Travis (Co-PI): San Antonio Mathematics Collaborative (SAMC), *Teacher Quality Grant, Texas Higher Education Coordinating Board (THECB), 2016-2018* ($586,077).

[FG9] Educational Specialist with Betty Merchant and Jo Ann Browning, Co-PIs, TRESTLE (Transforming Education, Stimulating Teaching and Learning Excellence), *NSF, Center for Teaching Excellence (University of Kansas), 2015-2018.*

[FG8] PI with Betty Travis (Co-PI), Alakananda Chaudhuri (UIW, subawarded Co-PI): San Antonio Science and Mathematics Collaborative (SASMC), *Teacher Quality Grant, Texas Higher Education Coordinating Board (THECB), 2014-2016* ($700,000).

[FG7] Co-PI with Can Saygin (PI) and Lorena Claeys (Co-PI): South Texas STEM Educator Center, *THECB, 2012-2015* ($570,000). [Research and Service]

[FG6] PI: Academy for Teacher Excellence San Antonio Mathematics Collaborative (ATE-SAMC), *Teacher Quality Grant, THECB*, *2012-2014* ($201,584). [Research and Service]

[FG5] Collaborating Researcher with Belinda Flores, Betty Travis, and Lorena Claeys (PIs): I3 (Interdisciplinary, Ingenious, Innovative) Communities of Practice, Pathways to Hispanic Students' Success in STEM, *USDOE, 2011-2016* ($4.2 Million). [Research, Instruction, and Service]

[FG4] PI with Elsa Ruiz (Co-PI) and Betty Travis (Co-PI): The University of Texas at San Antonio College of Education and Human Development. Academy for Teacher Excellence (ATE) Research Mini-Grant, *An Investigation of TExES Mathematics Data from a Hispanic Serving Institution, 2011 ($5000)*. [Research]

[FG3] PI: The University of Texas at San Antonio College of Education and Human Development Mini-Research Grant: *Culturally Responsive Mathematics Teaching: Empowering Latino Children for Success, 2009-2010* ($2953). [Research]

[FG2] Co-PI with Elsa Ruiz (PI) and Betty Travis: Advancement of the College and Career Readiness Standards in Teacher-Preparation Programs: *College Readiness Standards Learning Center (CRSLC) funded by THECB*, *2009-2010* ($9,921). [Instructional and Service]

[FG1] Co-PI with Elsa Ruiz (PI) and Betty Travis: Advancement of the College and Career Readiness Standards in Teacher-Preparation Programs: *College Readiness Standards Learning Center (CRSLC) Continuation Grant funded by THECB*, *2010-2011* ($10,000). [Research and Instructional]

Not Funded

Co-PI with Guan Saw (PI) and Sofia Bahena (Co-PI): Measuring and Enhancing Experienctial Learning in Out-of-School Time STEM Programs, *NSF, 2020-2021* ($350,000).

PI with Crystal Kalinec-Craig. **I**ncreasing **M**athematics Access through **PA**rent, **C**ommunity, and **T**eacher engagement (IMPACT) Center, IMPACT San Antonio, *2017-2018* ($100,000).

Co-PI with Heather Shipley, PI. Expanding Pathways into Engineering through a Hands-on Activity Based Reading Program, NSF, *2015-2018* ($1,163,625).

UTSA STEM Consortium: A Noyce Teaching Fellowship/Master Teacher Fellowship Capacity Building Grant, NSF, *2008-2012* ($298,547), Co-PI with Christine Moseley (PI), Aaron Cassill (Co-PI), Amaury Nora (Co-PI), and Timothy T. Yuen (Co-PI). [Research and Instructional]

Innovation in Mathematics Achievement and Performance Project (iMAP), USDOE*, 2009-2012* ($5M), Co-PI with Harriet Romo (PI), Mauli Agrawal (Co-PI), and Sandy Norman (Co-Investigator). [Research and Instructional]

TEACHING ACTIVITIES

Undergraduate Courses Taught (** *denotes course development or redesign*):
C&I 4403: Approaches to Teaching Mathematics** (EC-6)
C&I 4646: Student Teaching: Secondary

Graduate Level Courses Taught:
C&I 5003: Theory of Curriculum and Instruction**
C&I 6103: Research in Action**
C&I 6303: Advanced Methods in Mathematics**
C&I 6623: Inquiry in STEM Education**
C&I 6953: Independent Study
C&I 6973: Special Topics, Critical Pedagogy**
C&I 6973: Special Topics, Research Design and Methods (Qualitative)**
ILR 7643: Advanced Research on Instruction
ILT 7983: Doctoral Dissertation
ILT 7143: Internship (Research/Teaching)

DISSERTATION SERVICE AND STUDENT ADVISING

Dissertation Chair or Co-Chair:
Linda Gann (graduated, 2013)
Cassandra Allen (graduated, 2016)
Stephanie Garcia (graduated, 2019)
Susan Diaz (graduated, 2020)
Breanne Hicks (graduated, 2020)
Lorena Bailey (graduated, 2020)
Alexa Profitt (graduated, 2020)
Margaret Hilburn-Arnold (graduated 2020)
Cindy Rodriguez (graduated 2020)
Traci Kelley (Admitted to candidacy, 2019)

Dissertation Committee Member:
Debra Root (complete, 2013)
Holly Meyer (complete, 2014)
Anna Cohen-Miller (complete, 2014)
Michael Mary (complete, 2015)
Paula Johnson (complete, 2018)
Martina McGhee (complete, 2019)
Rebecca Stortz (in progress)
Jennifer Hooper (in progress)

Thesis Committees
Ahmet Akcay (ILT, defended, summer 2011)
Sara Ikonne (mathematics, defended, fall 2011
Chelsea Silvas (ILT, defended, spring 2012)
Daisy Edrisi (ILT, defended, spring 2019)

Honors College Faculty Reader
Monica Villalobos (2016)

Graduate Advisor to 40 C&I (M.Ed.) students per year

SERVICE ACTIVITIES

Professional

Member:	National Council of Teachers of Mathematics Annual Conference Program Committee (Washington, D.C.)	2016-2018
Reviewer:	*Corwin Publishers*	2013-present
	Every Math Learner: A Doable Approach to Teaching With Learning Differences in Mind, K-5	2016
	Advanced Pedagogy: The Complete Professional Development Book for Teachers	2016
	Urban Education	
	The Reflective Educator's Guide to Classroom Research (3rd Ed.)	2013
	Journal of Mathematics Teacher Education	2014-present
	Urban Education	2016-present
	Journal of Teacher Education Research	2017-present
	Mathematics Teacher Educator	2012-2015; 2019-present
	Mathematical Behavior	2012-2015
	*Mathematics Teacher (*NCTM journal)	2010-2015
	Mathematics Teaching in the Middle School (NCTM journal)	2010-2014
	National Council of Teachers of Mathematics Research Pre-session	2010-2016
	Journal of Mathematics and Culture (**Editorial Board**)	2010-present
	Teaching Children Mathematics (NCTM journal)	2009-present
	School Science and Mathematics Association Journal	2009-present
	Association of Mathematics Teacher Educators annual conference	2009-2016
	Southwest Educational Research Association annual conference	2009-2010
	American Educational Research Association annual conference	2009-2010

"Framer**"** for the revision of the Florida K-12 Next Generation Sunshine State Standards for mathematics — 2007

University of Texas System

Chair, UT System Faculty Advisory Council (SYSFAC)	2020-2021
Chair-Elect, UT SYSFAC	2019-2020
UT System Student Success Planning Committee	2018
Member, Dual Credit Taskforce (Statewide)	2017-2018
Secretary, UT SYSFAC	2017-2019
Member, SYSFAC	2016-2020

Member, SYSFAC Governance Committee	2016-2020
UT System Student Success Team	2016-2018
Member, UTSA Presidential Search Committee	2016-2017

University

Student Service Fee Committee, Appointed Faculty Rep	2020-present
Provost's Leadership Council	2019
Distinguished Research Fellows Reviewer	2019
Member, Provost Search Committee	2018
Budget Steering Committee (RCM model change)	2017-2018
Executive Leadership Council (ELC)	2016-2017
Chair, Faculty Senate	2016-2020
Strategic Planning Budget Committee	2016-2017
CLASS FYE Committee	2016-2017
GRIP Committee	2016
SSC UTSA Leadership Team	2016
University HOP Committee	2016
Faculty Senate Representative for ILT (elected)	2013-2016
Secretary, Faculty Senate (Executive Council)	2014-2016
Chair of NEP Committee, Faculty Senate	2014-2016
Mathematics Education Search Committee (Dept. of Mathematics)	2012-2014
College Ready at Time of Enrollment (CREATE) committee	2011
STEM Director Search committee	2011
Graduate Program Evaluation Committee	2010-2013
Core Curriculum Mathematics Subcommittee	2012

College

Assistant Dean for Research (COEHD)	2019-present
Reviewer, COEHD Research Awards	2017-2019
CAPCC Representative	2015-2017
Dean's Advisory Committee (appointed)	2012-2014; 2019-present
College Council Representative	2009-2010

Department

Coordinator, Curriculum & Instruction Program Area	2020-present
Chair, Department Faculty Review Advisory Committee	2019-2020
Teacher Advisory Council	2019-present
C&I STEM Ed Search Committee	2019-2020
Co-Director, Support and Enrichment Experience in Math (SEE Math)	2017-present
Department Review Committee	2019
Department Faculty Review Advisory Committee Chair	2017-2018
Ph.D. DGPC Member	2017-2019
Masters Program DGPC	2016-2017

Search Committee Member, various	2013-present
Merit Review Ad-Hoc Committee Chair	2016-2017
Lead Faculty for C&I 4403 (Elementary Methods Course)	2013-2017
F&A Committee Chair	2014-2020
Lead Faculty for C&I 5003, 6103, and 6303	2012-present
Program Area Coordinator (Curriculum and Instruction)	2012-2014
Texas Education Agency External Review **Representative** for ILT	2013-present
DAPCC **Member**	2012-2014
Department Advisory Committee (DAC) **Member**	2012-2014
Doctoral Selection Committee **Member**	2011-2013
Mathematics Education Search Committee (ILT) **Member**	2010-2013
Fitness to Teach Review Committee **Member**	2010-2011
Merit Pay Ad Hoc Committee **Member**	2009-2010
Annual IDS Colloquium Planning Committee **Member**	2009-2010
Ad-Hoc ILT Ph.D. Core Knowledge Committee **Member**	2009-2010

Community

Panelist, P-16 Math Matters Summit	2017
Facilitator, over 100 hours of professional development each year	2012-2018
for secondary mathematics teachers	2012-2014
Panel Presenter, Trinity University Mathematics Seminar	2014
Vice President/Judicial Chair, Gamma Chi Delta Alumni	2014-2016
Association Advisory Board (elected), Trinity University	

PROFESSIONAL MEMBERSHIPS

- American Educational Research Association (AERA)
- Association of Mathematics Teacher Educators (AMTE)
    - Texas Association of Mathematics Teacher Educators (AMTE - Tx)
- National Council of Teachers of Mathematics (NCTM)
    - Texas Council of Teachers of Mathematics (TCTM)
    - Alamo District Council of Teachers of Mathematics (ADCTM)
- National Council of Supervisors of Mathematics (NCSM)
- School Science and Mathematics Association (SSMA)