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**Dr. Trena L. Wilkerson, Professor**  
**Interim Department Chair**  
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**Education**

- 1994 Ph.D. University of Southern Mississippi, Hattiesburg, Mississippi  
Curriculum & Instruction-Major: Mathematics
- 1980 M.Ed. Southeastern Louisiana University, Hammond, Louisiana  
Mathematics Education
- 1976 B.S. Mississippi College, Clinton, Mississippi  
Major: Mathematics Minor: Education
- 1974 A.S. East Central Junior College, Decatur, Mississippi

**Professional Experience**

- 1999-Present Baylor University, Professor (2013), Tenured (2005)  
Department of Curriculum & Instruction, Mathematics Education  
Interim Department Chair (July 2022-Present)  
Departmental Graduate Program Director (2013-August 2019)
- 1994-1999 Louisiana State University, Assistant Professor-Research, Non-tenure track  
Department of Curriculum & Instruction, Mathematics Education
- 1992-1994 East Baton Rouge School Board, Zachary High, Zachary, LA  
Certified Mathematics Teacher
- 1991 University of Southern Mississippi, and William Carey College, Hattiesburg, MS  
Adjunct Instructor, Curriculum and Instruction Department
- 1988-1989 Southeastern Louisiana University, Hammond, LA  
Adjunct Instructor, Mathematics Department
- 1976-1992 St. Tammany Parish School Board, Mandeville High, Mandeville, LA  
Certified Mathematics Teacher, Department Chair

**Publications**

**Journals** \*Indicates Graduate/Undergraduate Student

**Wilkerson, T.** & Shelton, R. (2023). Mathematics teachers' beliefs about which practices they implement: A Q-Sort Analysis. *Investigations in Mathematics Learning*. 15(4), 331-347.  
<https://doi.org/10.1080/19477503.2023.2253077>

Shelton, R. N., Rogers, R. M., & **Wilkerson, T L.** (2023). Preservice teachers' perceptions of a practice-focused lesson study. *International Journal for Lesson and Learning Studies*. 12(3), 214-225. <https://doi.org/10.1108/IJLLS-11-2022-0168>

Shelton, R., \*Donham, M., Kerschen, K., & **Wilkerson, T.**, (Summer 2023). Preservice teacher identification and confrontation of critical issues in mathematics education using a vignette activity Sequence. *AMTE Connections*. 32(4). <https://amte.net/connections/2023/05/preservice-teacher-identification-and-confrontation-critical-issues-mathematics>

**Wilkerson, T.** (January 2023). A Word from Trena L. Wilkerson, Ph.D., National Council of Teacher of Mathematics President. *Notices of the American Mathematical Society*. 70(1), 5-7. <https://www.ams.org/journals/notices/202301/202301FullIssue.pdf>

**Wilkerson, T.** (December 2022). Advocacy in mathematics education: An essential element in the preparation of teachers of mathematics. *Journal of Mathematics Teacher Education in Texas*. 12(3), 8-9.

**Wilkerson, T.** (Print & Online 2022) Founder's Lecture: Current Research Trends in Mathematics Learning That Guide Us for the Future. *Investigations in Mathematics Learning*. 14(4), 251-264. DOI: [10.1080/19477503.2022.2145079](https://doi.org/10.1080/19477503.2022.2145079)

\*Desai, S., Safi, F., Bush, S. R., **Wilkerson, T.**, Andreassen, J. & Orey, D. C. (Print & Online 2022). Ethnomodeling: Extending mathematical modeling research in teacher education. *Investigations in Mathematics Learning*, 14(4), 305-319. DOI: [10.1080/19477503.2022.2139092](https://doi.org/10.1080/19477503.2022.2139092)

Shelton, R., Rogers, R., Painter, L., & **Wilkerson, T.** (June 2022). Mentor teacher, university faculty and preservice teachers: Partners in lesson study. *Journal of Mathematics Teacher Education in Texas*. 12(2), 4-6.

**Wilkerson, T.**, Mistretta, R. M., Adcock, J., Yoder, G. B., Johnston, E., Bu, L., Nugent, P., & Booher, L. (2022). Effects of language on children's understanding of mathematics: Implications for teacher education. *Electronic Journal of Research in Mathematics and Science Education*, 26, (2), 7-31. <https://ejrsme.icrsme.com/article/view/21262>

\*Donham, M., \*Scholten, N., \*Laird, Y., \*Martin, J., \*Jiao, Y., \*Humphrey, W, & **Wilkerson, T.** (Fall 2021). Teaching for understanding: Aspects to consider towards teaching for understanding across the disciplines. *ARATE Electronic Journal*, 11(2). <https://www.arkansasate.org/journal.html>.

**Wilkerson, T.** (October 2021). Filling bottles with water: From the archives. *Mathematics Teacher: Learning & Teaching in PK-12*, 11(10), 803-804.

**Wilkerson, T.** (September 2021). Catalyzing change in mathematics: Initiating critical conversations and broadening partnerships to support mathematics teacher education. *Journal for Mathematics Teacher Education in Texas*, 11(2), 9-10.

Shelton, R., Kerschen, K., & **Wilkerson, T.** (2021). The examination of a vignette activity sequence in a secondary mathematics methods course. *School Science Mathematics Journal*, 121(1), 2-12. <https://doi.org/10.1111/ssm.12445>

\*Shelton, R., Kerschen, K., & **Wilkerson, T.** (2020). Investigating teachers' understanding of mathematical practices and mathematics teaching practices using a vignette sequence in a professional development setting. *School-University Partnerships*, 13(2), 38-46.

**Wilkerson, T.** (2020) (Invited). Letter to the Association of Mathematics Teachers of New York State on journey in mathematics education and support of NCTM. *The New York State Mathematics Teachers' Journal*, 70(2).

**Wilkerson, T.** (May 2020). NCTM Leadership then and now. *Mathematics Teacher: Learning and Teaching Pre-K-12*, 113(3), 426-427. Includes a video.

Loveland, T, Love, T., S., **Wilkerson, T.**, & Simmons, P. (February 2020). Jackson's Mill to Chinsegut: The journey to STEL (Standards for Technological and Engineering Literacy). *Technology and Engineering Teacher*, 79(5), 8-13.

**Wilkerson, T.**, Rogers, R., & Cooper, S. (August 2019). *Fun facts about the number 100*. Baylor School of Education Centennial Guest Blog.

**Wilkerson, T.** (June 2019). AMTE-TX 10<sup>th</sup> anniversary celebration: Founders' reflections. *Journal of Mathematics Teacher Education in Texas*, 9(2), 8.

**Wilkerson, T.** (September 2019). AMTE-TX 10<sup>th</sup> anniversary celebration: Reflections of past presidents. *Journal of Mathematics Teacher Education in Texas*, 9(3), 8.

**Wilkerson, T.** (2018). Students as learners of mathematics. *Journal of Mathematics Teacher Education in Texas*, 8(3), 9-10.

**Wilkerson, T.**, \*Kerschen, K., \*Shelton, R. (2018). PreService teachers' critical connections to effective teaching practices: An instructional approach using vignettes. *Action in Teacher Education*, 40(4), 358-373. DOI: [10.1080/01626620.2018.1512430](https://doi.org/10.1080/01626620.2018.1512430)

**Wilkerson, T.**, Eddy, C., Quebec-Fuentes, S., Sorto, A., Gupta, D., Ward, L., Jasper, W., Parker, Y., Mallam, W., Cooper, S., & \*Kerschen, K. (September 2018). Development and validation of the Algebra Teachers' Self-Efficacy Instrument: Assessment of algebra teachers' knowledge and personal teaching efficacy. *School Science Mathematics Journal*, 118(6), 206 – 217. <https://doi.org/10.1111/ssm.12291>

Gupta, D. & **Wilkerson, T.** (July 2017). Hooking students to functions: Giving fun context to mathematical vocabulary. *Texas Mathematics Teacher*, 63(1), 15 – 19.

Aguirre, J., Herbel-Eisenmann, B., Celedon-Pattichis, S., Civil, M., **Wilkerson, T.**, Stephan, M., Pape, S., & Clements, D. (March 2017). Equity within mathematics education research as a political act: Moving from choice to intentional collective professional responsibility. *Journal for Research in Mathematics Education*, 48(2),124-147.

**Wilkerson, T.** & \*Kerschen, K. (August 2016). Supporting the development of secondary PSTs using mini-vignettes and student work. Session Summary from AMTE in LINK, *Online journal of the Association of Mathematics Teacher Educators of Texas*, 6(3), 12 – 13.

Herbel-Eisenmann, B. Sinclair, N., Chval, K. B., Clements, D. H., Civil, M., Pape, S., Stephan, M. L., Wanko, J. J., & **Wilkerson, T. L.** (March 2016). Positioning mathematics education researchers to influence storylines. *Journal of Research in Mathematics Education*, 47(2), 102-117.

\*Gupta, D. & **Wilkerson, T.** (November 2015). Teaching and learning of fractions in elementary grades: Let the dialogue begin! *Curriculum and Teaching Dialogue*, 17(1), 27 - 44.

Cooper, S. & **Wilkerson, T.** (October 2015). Advocacy can work in many ways. *Association of Mathematics Teacher Educators-Texas Link Newsletter*.

**Wilkerson, T.** (April 2015). Advocacy Session Summary - AMTE 2015 Annual Meeting: Forecasting the impact and life Span of the common core standards for mathematical practice. *Association of Mathematics Teacher Educators-Texas Link Newsletter*.

Stephan, M. L., Chval, K. B., Wanko, J. J., Civil, M., Fish, M. C., Herbel-Eisenmann, B., Konold, C., **Wilkerson, T. L.** (March 2015). Grand challenges and opportunities in mathematics education research. *Journal of Research in Mathematics Education*, 46(2), 134-146.

Eddy, C.M., Quebec Fuentes, S., Ward, E.K., Parker, Y.A., Cooper, S., Jasper, B., Mallam, W., Sorto, M.A., & **Wilkerson, T.** (January 2015). Characterizing school algebra: Implications for educational policy. *Journal of*

*Advanced Academics*, 1(1), 1-34. DOI: 10.1177/1932202XI4562393

**Wilkerson, T.**, Cooper, S., \*Montgomery, M., \*Gupta, D., \*Mechell, S., \*Arterbury, K., \*Moore, S., Baker, B., & Sharp, P. (On-Line December 2014 & Print January 2015). An investigation of fraction models in early elementary grades: A mixed methods approach. *Journal of Research in Childhood Education*, 29(1), 1 - 25.  
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\*Nelson, P., **Wilkerson, T.**, & Conaway, B. (2013). Two incarnations of a study questionnaire to determine what piano teachers use and what order musical concepts are introduced. *Music Teachers National Association e-Journal*, <http://www.mtna.org/publications/mtna-e-journal/archives-2009-2013/september-2013/>

Cooper, S., **Wilkerson, T.**, \*Montgomery, M., \*Mechell, S., \*Arterbury, K., & \*Moore, S. (2012). Developing a theoretical framework for examining student understanding of fractional concepts: An historical accounting. *Forum on Public Policy*, 1, 1-11. On-line <http://forumonpublicpolicy.com/vol2012.no1/archive/cooper.pdf>.  
[https://4e429266-b6af-4a71-83d3-81ca05731064.filesusr.com/ugd/553e83\\_de3e0b81f8db4780b1759cb9d8cb0dd2.pdf](https://4e429266-b6af-4a71-83d3-81ca05731064.filesusr.com/ugd/553e83_de3e0b81f8db4780b1759cb9d8cb0dd2.pdf)

Robertson, W., Meyer, R., & **Wilkerson, T.** (2012). The mathematics of skateboarding: A relevant application of the 5Es of constructivism. *Journal of Education and Learning*, 1(2), 32-36.  
<http://www.ccsenet.org/journal/index.php/jel/article/view/17664/13261>

**Wilkerson, T.**, Bryan, T., & Curry, J. (September 2012) An appetite for fractions! *Teaching Children Mathematics*, 19(2), 90 - 99.

Cooper, S., **Wilkerson, T.**, Eddy, C., Kamen, M., Marble, S., Junk, D., Sawyer, C. (2011) Lesson study among mathematics educators: Professional collaboration enabled through a virtual community. *Learning Communities Journal*, 3(1), Available at <http://celt.muohio.edu/lcj/>

Sharp, P.T., Baker, B.R., & **Wilkerson, T.** (January 2011). Transforming teacher education with field experiences that involve teacher candidates in collaborative research. *PDS Partners Magazine*, 6(3), 7 - 8.

Baker, B., **Wilkerson, T.**, & Sharp, P. (2010). The shape of research: Geometry down under. Extending local research through study abroad. Baylor University School of Education publication *IMPACT*, 12(1).

**Wilkerson, T.** (2008). Introducing Volume 14: Reflection time! *Mathematics Teaching in the Middle School*, 14(1), 3.

**Wilkerson, T.** & Chappell, M. (Eds.) (April 2008). Multiple representations: Introduction to the focus issue *Mathematics Teaching in the Middle School*, 13(8), 436 – 437.

**Wilkerson, T.** & Chappelle, M. (Eds.) (April, 2008). Focus issue: Multiple representations. *Mathematics Teaching in the Middle School*, 13(8).

**Wilkerson, T.** (2007). Introducing Volume 13: A new kook. *Mathematics Teaching in the Middle School*, 13(1), 3.

\*Li, W. & **Wilkerson, T. L.** (Spring, 2007). Teaching for understanding with technology: The case, the issues, and the future. *Texas Teacher Education Forum* 29.

\*Eddy, C. M. & **Wilkerson, T. L.** (Fall, 2005). Essential components of pre-service mathematics teacher preparation: Supporting teaching for understanding. *Texas Teacher Education Forum*, 28, 3 – 9.

**Wilkerson, T. L.** (2004). MATELT: A model approach to preparing mathematics education leaders. *Louisiana Educational Research Journal*, 29(2), 57-70.

\*Johnsen, C., & **Wilkerson, T. L.** (2003). My journey towards a new slant on slope. *Mathematics Teacher*, 97(7), 504 - 508.

**Wilkerson, T. L.** (2003). A triad model for preparing pre-service teachers for the integration of technology in

teaching and learning. *Action in Teacher Education*, 24(4), 27 - 32.

**Wilkerson, T. L.** (2001, Spring/Summer). Gearing up for middle school mathematics. *Baylor Educator*, 19(2), 26-27, 29.

**Wilkerson, T. L.** (2001, Spring/Summer). New Central Texas Council of Teachers of Mathematics. *Baylor Educator*, 19(2), 28.

**Wilkerson, T.L.** (2001). Reading and writing the digital way. *Learning & Leading With Technology*, 29(3), 42-45, 60-61. (invited)

**Wilkerson, T. L.** (1996). Public funding of sectarian schools: The Supreme Court's view. *The Journal of Social Studies Research*, 20, 31-35.

**Wilkerson, T. L., & Scheffler, A.** (1992). Examining an assumption of linkage between lesson planning and implementation. *Education*, 113, 74 - 79.

### Books & Chapters

Kerschen, K., Shelton, R., **Wilkerson, T.** (Accepted October 2022) Using vignettes to highlight the importance of eliciting and using evidence of student thinking. In D. Polly, E. Garin, & C. Martin, *Clinically Based Teacher Education in Action: Cases from Mathematics Teacher Educators*. Information Age Publishing.

Rogers, R. M., Shelton, R. N., & **Wilkerson, T. L.** (2024). The study step: Building preservice teachers' knowledge in content and pedagogy. In S. Dotger, G. Matney, J. Heckathorn, K. Chandler-Olcott, & M. Fox (Eds.), *Lesson study with mathematics and science preservice teachers: Finding the form* (pp. 59-67). Routledge: Taylor & Francis, NY. . <https://doi.org/10.4324/9781003326434-8>

DeGreene, P., Franklin, C., Id-Deen, L. & **Wilkerson, T.** (October 2023). Using primary Sources in PK-12 mathematics and statistics classrooms: A matter of equity. In S. Waring, *The Educator's Handbook for Teaching with Primary Sources*. Teachers College Press.

**Wilkerson, T.** & Dykema, K. (2023). Preface. In Graham, K., Berry, R., Bush, S., & Huniker, D. S. (Eds.) *Success Stories to Catalyze Change in School Mathematics*. Pages vii-viii. National Council of Teachers of Mathematics.

**Wilkerson, T.** (March 2020). Examining and exploring effective mathematics teaching practices through a global perspective. In Quebec-Fuentes, S & Bloom, M. (Eds.) *Advancing Science and Mathematics Education for a Sustainable Future*. Pages 99-104. International Consortium for Research in Science and Mathematics Education: Dallas & Fort Worth, TX.

**Wilkerson, T.**, Sorto, M.A., Jasper, B., Cooper, S., Mallam, W., Eddy, C.M., Parker, Y.A., Quebec Fuentes, S., Taylor, J., & Ward, E.K. (April 2020). A framework for measuring algebra teacher self-efficacy. In P.M. Jenlink (Ed.) *A Commitment to Teaching: Toward More Efficacious Teacher Preparation* (Ed. P. Jenlink). Pages 45-71. Lanham, MC: Rowman and Littlefield Publishers.

**Wilkerson, T.** (September 2017). *TEXES 115 Mathematics Grades 4-8: Testware Edition, 2<sup>nd</sup> Ed.* Research and Education Association, Inc.

**Wilkerson, T.**, Bryan, T. & Curry, J. (December 2016). An appetite for fractions in Thiessen, D. (Ed). *Exploring Mathematics through Literature, Prekindergarten-Grade 8*. National Council of Teachers of Mathematics: Reston, VA.

**Wilkerson, T. L.**, Fetterly, J. & Wood, B. (November 2015). Problem posing and problem solving: Using young adult literature to develop mathematical understandings. In J. A. Hayn, J. S. Kaplan, A. Nolan, and Olvey, A. A

(Eds.) *Young Adult Nonfiction: Gateway to the Common Core*. Rowman & Littlefield Publishers. Boulder, CO.

Kamen, M., Junk, D., Marble, S., Cooper, S., Eddy, C., **Wilkerson, T.**, & Sawyer, C. (January 2011). Walking the talk: Lessons learned by university mathematics methods instructors implementing lesson study for their own professional development. In Hardt, L., Alston, A., Yoshido, M., & Murata, A (Eds.). *Lesson-study research and practice: Learning Together*. Springer Publishing: New York.

\*Meyer, R. & **Wilkerson, T.** (January 2011). Lesson study: The impact on teachers' knowledge for teaching mathematics. In Hardt, L., Alston, A., Yoshido, M., & Murata, A (Eds.). *Lesson-study research and practice; Learning Together*. Springer Publishing: New York.

**Wilkerson, T.** (October 2010). *TEXES 115 Mathematics Grades 4-8: Testware Edition*. Research and Education Association, Inc. 358 pages.

Downes, T. Ki, W., Leonard, R., Nagabhushan, P., Schubert, S., Webb, Ian, & **Wilkerson, T.** (2003). The professional teacher-contexts, capabilities, and competencies. In C. Dowling & K. Lai (Eds.), *Information and communication technology and the teacher of the future* (pp. 125-128). Boston, MA: Kluwer Academic Publishers.

**Wilkerson, T. L.** & Rogers, D. (2003). Multiple platform videoconferencing to support teacher education and professional development in mathematics. In McDougall, Murnane, Stacey & Dowling, (Vol. Eds.), *Conferences in Research and Practice in Information Technology Series: Vol. 23. ICT and the Teacher of the Future* (pp. 135-137) Australian Computer Society, Inc.

#### Proceedings Publications & Presentations (Peer-Reviewed)

Shelton, R., Kerschen, K., Cooper, S, **Wilkerson, T. L.**, Rogers, R. M. (2023). Exploring Mathematics Preservice Teachers' Experiences in a Summer Field Experience. In R. Hammack & B. Cory (Eds.), *Proceedings of the 122<sup>nd</sup> Annual Convention of the School Science Mathematics Association* (Vol. 10). Pages 51-60. Colorado Springs, CO: SSMA. <https://www.ssma.org/assets/Proceedings/2023%20SSMA%20PROCEEDINGS.pdf>

**Wilkerson, T.** (In Press 2023). Advocating for High Quality Mathematical Access for Each and Every Child: Our Collective Work, Our Passion, and Our Future. In J. Wang, Ed. *Proceedings of the 14<sup>th</sup> International Congress on Mathematical Education-Shanghai, China*. (13 pages) Preprint: <https://www.mathunion.org/fileadmin/ICMI/Conferences/ICME/ICME%2014/Proceedings/Awardees/LA5%20Trena%20Wilkerson.pdf>

**Wilkerson, T.** (In Press 2023). International Commission on Mathematical Instruction Emma Castelnuovo Award for Excellence in the Practice of Mathematics Education Acceptance Remarks. In J. Wang, Ed. *Proceedings of the 14<sup>th</sup> International Congress on Mathematical Education-Shanghai, China*. (2 pages)

National Academies of Sciences, Engineering, and Medicine (2023). *Foundations of data Science for Students in Grades K-12: Proceedings of a Workshop*. Washington, DC: The National Academies Press. <https://doi.org/10.17226/26852>. (Chapter 2: Vision for K-12 Data Science Education and Outcomes. **T. Wilkerson** responses to panel questions included.)

Che, M., \*Enderle, K., \*Nah, J., \*Jones, L., Young, J., Mitchell, T., Eddy, C., & **Wilkerson, T.** (March 2023). Protocol: Systematic literature review of the nature of partnership in mathematics education research. In Cobbs, G. and Kombe, D. (Eds.). *Proceedings of the 50<sup>th</sup> Annual Meeting of the Research Council in Mathematics Learning*. Las Vegas, NV. Pages 7-15. [https://www.rcml-math.org/assets/Proceedings/RCML%202023\\_Final\\_Proceedings.pdf](https://www.rcml-math.org/assets/Proceedings/RCML%202023_Final_Proceedings.pdf)

\*Desai, S., Safi, F., Bush, S., Andreasen, J., **Wilkerson, T.**, & Orey, D. C. (November 2022). Engaging Prospective Secondary Teachers in Geometry-Focused Ethnomodeling Explorations. In A. E. Lischka, Dyer, E., B., Jones, R. S., Lovett, J. N., Strayer, J., & Drown, S. (Eds.), *Proceedings of the 44<sup>th</sup> Annual Meeting of The North American Chapter of the International Group for the Psychology of Mathematics Education*. Middle Tennessee State University. Nashville, TN. 1146-1155.

**Wilkerson, T.** (May 2021). Connecting Effective Teaching Practices and Mathematical Practices. *Proceedings of the 1<sup>st</sup> International Conference on Mathematics and Mathematics Education 2020. Advances in Social Science, Education and Humanities Research*, 550, 1-3. Atlantis Press. <https://www.atlantis-press.com/proceedings/icmmed-20/articles> <https://doi.org/10.2991/assehr.k.210508.033>

**Wilkerson, T.**, Wood, R., & \*Amos, E. (February 2018). Investigating the Impact of a Longitudinal Service Education Experience in Costa Rica. *Proceedings of the 2018 Hawaii International Conference on Education*, 634-642.

\*Shelton, R., \*Kerschen, K., **Wilkerson, T.**, & Rogers, R. (2018). Beliefs and Practices: Studying the Impact of Professional Development for In-Service Mathematics Teachers. In Venenciano, L. & Redmond-Sanogo, A. (Eds.). *Proceedings of the 45<sup>th</sup> Annual Meeting of the Research Council on Mathematics Learning*. Baton Rouge, LA, 153-160.

\*Kerschen, K., \*Shelton, R., & **Wilkerson, T.** (November 2017-was published in 2018). Supporting the Development of PreService Teachers' Understanding of Effective Teaching Practices Using Vignettes. In Mohr-Schroeder, M. J. & Thomas, J. N. *Proceedings of the 116<sup>th</sup> annual convention of the School Science Mathematics Association*, (4), 44-50, Lexington, KY: SSMA.

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**Wilkerson, T.**, Gupta, D., & \*Kerschen, K. (2016). Building a Conceptual Understanding of Fractions Through a Six-Week Intervention in Early Elementary. In M. B. Wood, E. E. Turner, M. Civil, & J. A. Eli (Eds.), *Proceedings of 38<sup>th</sup> annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics-North American Chapter*. (p. 309). Tucson, AZ: The University of Arizona.

**Wilkerson, T.**, Inprasitha, M., Inprasitha, N., Srichompoo, S. & Premprayoon, K. (January 2015) Considerations for Implementing Lesson Study-Cross Country Challenges. Presented and published in the *Proceedings of the 2015 Hawaii International Conference on Education*. <http://www.hiceducation.org/EDU2015.pdf>

Eddy, C. M., Jasper, W. A., **Wilkerson, T. L.**, Sorto, M. A., Cooper, S., Ward, E., Fuentes, S., Mallam, W. A., & Parker, Y. A. (February 2014). A conceptual model for algebra teacher self-efficacy. In Matney, G. T. and Che, S. M. (Eds.). *Proceedings of the 41st Annual Meeting of the Research Council on Mathematics Learning* (pp.129-137). San Antonio, TX. Also Published at <http://web.unlv.edu/RCML/>.

Sharp, P., Baker, B., & **Wilkerson, T.** (January 2011). Engaging Undergraduates in Collaborative Research: A Model for Early Professional Development. *Proceedings of the 2011 Hawaii International Conference on Education*.

Meyer, R. & **Wilkerson, T.** (October 2007). Lesson study: The Effects on Teachers and Students in Urban Schools in the United States, *Proceedings of the Psychology of Mathematics Education-North American Chapter*. Abstract-Poster Session, Mexico. [http://www.pmena.org/2007/Scientific\\_Programs.html](http://www.pmena.org/2007/Scientific_Programs.html)

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\*Li, W., **Wilkerson, T.**, & Rogers, D. (2007). Analysis of the Impact of a Ten-Year Technology Initiative on Students' Outcomes. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2007* (pp. 862-870). Chesapeake, VA: AACE.

Cooper, S., **Wilkerson, T.**, Eddy, C., Kamen, M., Marble, S., Junk, D., & Sawyer, C. (2007). Mathematics Educators from Virtual Communities to Conduct Lesson Study. In C. Crawford et al. (Eds.). *Proceedings of Society for Information Technology and Teacher Education International Conference 2007*, Chesapeake, VA: AACE, 3227-3232.

Kamen, M., Junk, D., **Wilkerson, T.**, Eddy, C., Marble, S., Sawyer, C., & Cooper, S. (2006). Public Math Methods Lessons Presented at Conferences: Japanese Lesson Study in Our University Classrooms. *Proceedings of the Psychology of Mathematics Education-North American Chapter*, Mexico.

**Wilkerson, T.**, Baker, B.R., & Sharp, P.T. (2006). Examining geometric thinking in kindergartners: A partnership in a collaborative culture. [CD-ROM] *Proceedings of the 4<sup>th</sup> Annual Hawaii International Conference on Education*. Honolulu, Hawaii.

**Wilkerson, T.L.** & Taylor, H. G. (2001). Math Link: A technology-supported professional development model for enhancing and restructuring elementary mathematics education. [CD-ROM]. *Proceedings of the 7<sup>th</sup> World Conference on Computers in Education*. Conference held only every five years.

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**Wilkerson, T. L.** (2000). Preparing teacher candidates for the integration and implementation of appropriate technology: A triad approach. *Proceedings of the 11<sup>th</sup> International Conference of the Society for Information Technology and Teacher Education*, USA, 00, 1380 – 1384.

**Wilkerson, T. L.** (1999). The challenge-the issues: A successful model in teacher education for integrating technology in the teaching and learning of mathematics [CD-ROM]. *Proceedings of the Mathematics/Science Education and Technology Conference*, USA, 99, 384-388.

Taylor, H. G. & **Wilkerson T. L.** (1999). Math link: Linking curriculum, instructional strategies, technology, and assessment to enhance student achievement. *Proceedings of the 16<sup>th</sup> International Conference on Technology and Education*, Scotland, 99, 574-576.

Taylor, H. G. & **Wilkerson, T. L.** (1998). MATELT: A technology-rich approach to preparing mathematics education leaders. *Proceedings of the 15<sup>th</sup> International Conference on Technology and Education*, USA, 98, 446-448.

### **Edited Manuscripts for *Mathematics Teaching in the Middle School* Quick Reads Department**

Bixler, S. G. (2014). *Using iPads to Explore Parabolas*. 20(3), 174-177.

Haltiwanger, L., Horton, R. M., & Lance, B. (2014). *Using technology to build a pen for Browser*. 20(1), 46-49.

Mannien, J. L. (2014). *Teaching perseverance through differentiated homework*. 19(8), 502-505.

King, A. (2014). *MathMania: A middle school puzzle book*. 19(7), 438-41.

Beyranevand, J. L. (2014). *The Different Representations of Rational Numbers*. 19(6), 382-386.

Andreasen, J. B. & Haciomeroglu, E. S. (2013/2014). *Engaging geometry students through technology*. 19(5), 308-310.

Gilbert, M. (2013). *Sure, we can make smaller pieces*. 19(4), 238-241.

Casler-Failing, S. L. (2013). *Journaling: Out with the old*. 19(3), 180-183.

Goldthrop, S. A. (2013). *Problem solving with laser precision*. 19(2), 70-72.

Reys, T., Reys, R., & Reys, B. (2013). *Sport courts and fields: A context for estimation and tessellation*. 18(9), 556-559.

Dowd, D. (2013). *A circle model for multiplying probabilities*. 18(8), 464-466.

Kurz, T. L. (2013). *Target zombies with plants and math*. 18(7), 440-443.

Parrott, C. & Holvig (2012/2013). *Teaching with technology and iBooks Author*. 18(5), 267-269.

Edwards, C. M. (2012). *Online learning: A middle school mathematics perspective*. 18(4), 244-247.

Vinogradova, N. (2012). *Searching for Pythagorean Triples*. 18(3), 140-143.

Beigie, D. (2012). *Slow-Cooker questions in a microwave world*. 18(2), 76-79.

Nickell, J. (2012). *Word Clouds in Math Classrooms*. 17(9), 564-566.

Nicklas, J. M. (2012). *Map coloring: A student's perspective*. 17(8), 502-504.

## **President's Messages, National Council of Teachers of Mathematics**

**Wilkerson, T.** (September/October 2022). *Thank You for the Journey*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Thank-You-for-the-Journey/>

**Wilkerson, T.** (August 2022). *Positioning and Pathways*. <https://www.nctm.org/news-and-calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Positioning-and-Pathways/>

**Wilkerson, T.** (July 2022). *Problem Solving: An Approach to Understanding and Critiquing Our World*. [https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Problem-Solving\\_-\\_An-Approach-to-Understanding-and-Critiquing-Our-World/](https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Problem-Solving_-_An-Approach-to-Understanding-and-Critiquing-Our-World/)

**Wilkerson, T.** (June 2022). *Using Formative Assessment Effectively*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Using-Formative-Assessment-Effectively/>

**Wilkerson, T.** (May 2022). *Appreciating Teachers with Words and Actions*. [https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Appreciating-Teachers\\_-\\_Words-and-Actions/](https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Appreciating-Teachers_-_Words-and-Actions/)

**Wilkerson, T.** (April 2022). *Working Together in Teaching and Learning Mathematics*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Working-Together-in-Teaching-and-Learning-Mathematics/>

**Wilkerson, T.** (March 2022). *Bringing Joy to Teaching and Learning Mathematics*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Bringing-Joy-to-Teaching-and-Learning-Mathematics/>

**Wilkerson, T.** (February 2022). *Developing a Deep Understanding of Mathematics*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Developing-a-Deep-Understanding-of-Mathematics/>

**Wilkerson, T.** (January 2022). *Learning More about Effectively Teaching Mathematics*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Learning-More-about-Effectively-Teaching-Mathematics/>

**Wilkerson, T.** (December 2021). *The Wonder, Joy, Beauty, and Power of Geometry*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/The-Wonder,-Joy,-Beauty,-and-Power-of-Geometry/>

**Wilkerson, T.** (November 2021). *Building, Enlarging, and Empowering the Mathematics Community*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Building,-Enlarging,-and-Empowering-the-Mathematics-Community/>

**Wilkerson, T.** (October 2021). *Mathematics with Rigor, Relevance, and Responsiveness*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Mathematics-with-Rigor,-Relevance,-and-Responsiveness/>

**Wilkerson, T.** (September 2021). *Let's Celebrate!* <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Let-s-Celebrate!/>

**Wilkerson, T.** (August 2021). *Starting the School Year with Coherence and Connections*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Starting-the-School-Year-with-Coherence-and-Connections/>

**Wilkerson, T.** (July 2021). *Continuing the Journey: Decision to Move Mathematics Learning Forward*. [https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Continuing-the-Journey\\_-Decisions-to-Move-Mathematics-Learning-Forward/](https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Continuing-the-Journey_-Decisions-to-Move-Mathematics-Learning-Forward/)

**Wilkerson, T.** (June 2021). *Noticing and Wondering: Empowerment in Learning*. [https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Noticing-and-Wondering\\_-Empowerment-in-Learning/](https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Noticing-and-Wondering_-Empowerment-in-Learning/)

**Wilkerson, T.** (May 2021). *Building on and Supporting Strengths of Students*. [https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Building-on-and-Supporting-Students\\_-Strengths/](https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Building-on-and-Supporting-Students_-Strengths/)

**Wilkerson, T.** (April 2021). *Advocacy as a Mathematics Education Community: The Time is Now*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Advocacy-as-a-Mathematics-Education-Community%E2%80%94The-Time-Is-Now/>

**Wilkerson, T.** (March 2021). *Curriculum Coherence: A Foundation for Teaching and Learning in Mathematics*. [https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Curriculum-Coherence\\_-A-Foundation-for-Teaching-and-Learning-in-Mathematics/](https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Curriculum-Coherence_-A-Foundation-for-Teaching-and-Learning-in-Mathematics/)

**Wilkerson, T.** (February 2021). *Reimagining Mathematics Education, Learning Together, and Taking Action*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Reimagining-Mathematics-Education,-Learning-Together,-and-Taking-Action/>

**Wilkerson, T.** (January 2021). *Sharing Stories: Connection and Empowerment*. [https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Sharing-Stories\\_-Connection-and-Empowerment/](https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Sharing-Stories_-Connection-and-Empowerment/)

**Wilkerson, T.** (December 2020). *Closing One Century of NCTM and Beginning the Next: An Inspiring Mathematics Education Community*. <https://www.nctm.org/pm2020/begin/>

**Wilkerson, T.** (November 2020). *Statistics Education: An Imperative for Our Future*. [https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Statistics-Education\\_-An-Imperative-for-Our-Future/](https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Statistics-Education_-An-Imperative-for-Our-Future/)

**Wilkerson, T.** (October 2020). *Celebrating Professional Learning*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Celebrating-Professional-Learning/>

**Wilkerson, T.** (September 2020). *Believing Our Students Can Do Mathematics: Identity, Agency, and Authority*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Believing-Our-Students-Can-Do-Mathematics-Identity,-Agency,-and-Authority/>

**Wilkerson, T.** (August 2020). *Let's Do Mathematics*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Let-s-Do-Mathematics/>

**Wilkerson, T.** (July 2020). *Decision, Decision, Decision: Keeping Equity at the Center*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Decisions,-Decisions,-Decisions-Keeping-Equity-at-the-Center/>

**Wilkerson, T.** (June 2020). *Being a Catalyst for Change in Mathematics Teaching and Learning*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Being-a-Catalyst-for-Change-in-Mathematics-Teaching-and-Learning/>

**Wilkerson, T.** (May 2020). *Taking This Journey Together*. <https://www.nctm.org/News-and-Calendar/Messages-from-the-President/Archive/Trena-Wilkerson/Taking-This-Journey-Together/>

**Wilkerson, T.** (May 2020). #MyMathHero-Appreciateing Mathematics Teachers Now and Always. <https://www.nctm.org/MyMathHero/> Includes video.

## Other Publications

**Wilkerson, T.** (2023). Written Endorsement (published in book). *Mathematics Instruction and Tasks in a PLC at Work, 2<sup>nd</sup> Edition*. T. Kanold, M. Toncheff, S. Schuhl, B. Barnes, J. Deinhart, J. Kanold-McIntyre, & M. Larson. Solution Tree Press.

**Wilkerson, T.** (2023). Written Endorsement (published in book). *The Formative 5 in Action: Updated and Expanded From the Formative Five: everyday Assessment Techniques for every Math Classroom*. Francis (Skip) Fennell, Beth McCord Kobett, Jonathan A. Wray. Wary. Corwin Press.

**Wilkerson, T.** (2022). Written Endorsement (published in book). *Mastering Small Groups in Math, Grades K-5: Meeting All Learners Needs in Any Setting*. Kimberly Rimbey Corwin Press.

**Wilkerson, T.** (2022). Written Endorsement (published in book). NCSM: Leadership in Mathematics Education. *NCSM Essential Actions Leadership Series! Culturally Relevant Leadership in Mathematics Education*. NCSM.

**Wilkerson, T.** (2022). Written Endorsement (published in book). Dillon, F., Perry, A., Cheng, A., & Outzs, J. *Answers to Your Biggest Questions About Teaching Secondary Mathematics*. Corwin Press.

**Wilkerson, T.** (2022). Written Endorsement (published in book). Jones, S., Parker, Y. & Matthews, L. *Engaging Children with Culturally Relevant Mathematics Tasks*. Corwin Press.

**Wilkerson, T.** (2021). Written Endorsement (published in book). Seda, P. & Brown, K. *Choosing to See: A Framework for Equity*. Dave Burgess Consulting.

**Wilkerson, T.** (2021). Written Endorsement (published in book). Singh, S. *Chasing Rabbits: A curious guide to a lifetime of mathematics*. Impress LP.

**Wilkerson, T.,** Toncheff, M., Honey, J. (Lead Writers) (July 2021). *Continuing the Journey: Mathematics Learning 2021 and Beyond*. A joint document from National Council of Teachers of Mathematics, NCSM: Leadership in Mathematics Education and Association of State Supervisor of Mathematics. <https://www.nctm.org/mathematics2021/>

**Wilkerson, T.,** Berry III, R. Q. (March 2021). *NCTM Statement on Anti-Asian Racism*. <https://www.nctm.org/News-and-Calendar/News/NCTM-News-Releases/Statement-on-Anti-Asian-Racism/>

**Wilkerson, T.**, Berry III, R. Q., & NCTM Board of Directors (January 2021). *NCTM Statement on Events on January 6*. <https://www.nctm.org/News-and-Calendar/News/NCTM-News-Releases/NCTM-Statement-on-Events-of-January-6/>

**Wilkerson, T.** (2021). Written Endorsement. Kreisberg, H. & Matthew, L. *with Parents in Elementary School Math: A Guide for Teachers and Leaders*. Corwin Publications.

**Wilkerson, T.** & Royce, C. (January 2021). Blog Post. *Connecting Mathematics and Science Through Literature and Storytelling*. <https://stemlnet.org/theme/january2021-introblog>.

**Wilkerson, T.** (September 24, 2020). *How NCTM is supporting math teachers in 2020 and beyond*. Media Planet. [us.editorial@mediaplanet.com](mailto:us.editorial@mediaplanet.com).  
<https://www.educationandcareernews.com/empowering-our-educators/how-nctm-is-supporting-math-teachers-in-2020-and-beyond/#>

**Wilkerson, T.** & Berry, R. Q. (June 1, 2020). *A statement on George Floyd, Breonna Taylor, and Ahmaud Arbery*. <https://www.nctm.org/News-and-Calendar/News/NCTM-News-Releases/A-Statement-on-George-Floyd,-Breonna-Taylor,-and-Ahmaud-Arbery/>

Toncheff, M., **Wilkerson, T.**, Gray, P., & Berry, R. Q. (Lead writers) (June 2020). *Moving forward: Mathematics learning in the era of COVID-19*. A joint document from NCSM: Leadership in Mathematics Education and the National Council of Teachers of Mathematics. <https://www.nctm.org/Research-and-Advocacy/Moving-Forward---NCSM-and-NCTM-Joint-Statement/>

Huinker, D., Rigleman, N., Marshall, A., Yeh, C., Berry, III, R. Q., & **Wilkerson, T.** (2020). *Catalyzing change in early childhood and elementary mathematics: Initiating critical conversations*. National Council of Teachers of Mathematics: Reston, VA.

Bush, S., Jackson, C., Roy, G., Milou, E., Berry, III, R., Q., & **Wilkerson, T.** (2020). *Catalyzing change in middle school mathematics: Initiating critical conversations*. National Council of Teachers of Mathematics: Reston, VA.

International Technology and Engineering Education Association. (2020). *Standards for Technological and Engineering Literacy (STEL): Defining the role of technology and engineering in STEM education*. **T. Wilkerson as part of 30-Member Reviewing/Writing Team.**

**Wilkerson, T.**, Rogers, R., & Cooper, S. (August 2019). *Fun facts about the number 100*. Baylor School of Education Centennial Guest Blog.

**Wilkerson, T.**, \*Kerschen, K. & \*Shelton, R. (2018) Coaching lessons from the field. Resource Contribution to McGatha, M., Bay-Williams, J., Kobett, B. M., & Wray, J. A. *Everything you need for mathematics coaching: Grades K-12*. Corwin Mathematics, NCSM, & NCTM. p. 252.

**Wilkerson, T.** (2014 – 2016). President's Message, Central Texas Council of Teachers of Mathematics newsletter.

**Wilkerson, T.** (2012-2014). President's Message, Association of Mathematics Teacher Educators-Texas newsletter *The Link*.

**Wilkerson, T.** (2012). *Algebra Teacher efficacy Instrument*. On-line video article.  
<http://txfacultycollaboratives.org/mathematics/2012-03-02-20-35-58/2012-04-25-19-52-55/trena-wilkerson>.

**Wilkerson, T.** (2009). *Test bank for elementary and middle school mathematics: Teaching developmentally, 7<sup>th</sup> edition*. (co-authored).

**Wilkerson, T.** & Wood, R. (Winter 2007). *GEARing UP For literacy and mathematics*. Baylor University School of Education publication *IMPACT*, 6(2).

**Wilkerson, T.**, Bryan, T., Curry, J., Ware, A. & Janiszewski, M. (2005). *GEAR UP mathematics initiative curriculum for middle school* (see Grant participation).

**Wilkerson, T. L.** (2004-2006). Contributor to the Central Texas Council of Teachers of Mathematics Newsletter.

**Wilkerson, T. L.** & Craig, A. (2002). *National Council of Teachers of Mathematics PK-2 geometry academy Curriculum*. Reviewed by Academy directors. 217 pages.

**Wilkerson, T.** (2002). *Math super Saturday*. In Texas State GEAR UP Project document: *Education Partners* developed by the Texas Education Agency Advanced Academic Services, 4 pages.

**Wilkerson, T. L.** (2002-2003). Contributor to the Baylor Chapter of Phi Delta Kappa Newsletter.

**Wilkerson, T. L.** (1996-1999). Contributor to the Baton Rouge Area Council of Teachers of Mathematics Newsletter.

**Wilkerson, T. L.** (1997-1999). Contributor to the Louisiana Association of Teachers of Mathematics Newsletter, *The Number Line*.

**Wilkerson, T. L.** (1994). *The relationship between teaching efficacy and teaching styles of secondary mathematics teachers*. [Doctoral dissertation, University of Southern Mississippi]. Dissertation Abstracts International, 55(11), 3404.

Lacour, E. & **Wilkerson, T.** (1991). *Efficacy in education: A synopsis of the literature*. Hattiesburg, MI: University of Southern Mississippi. (ERIC Document reproduction Service No. ED341663)

## **Grant Participation**

Advisory Board for *Toolkit for Enacting Digital Curricula*. U. S. Department of Education Teacher Quality Grant. Co-PIs: Drs. Steve Rhine, Pacific University, Shannon Driskell, University of Dayton, Rachel Harrington, Western Oregon University, Anne Wheeler, Texas Woman's University. **October 2023-2028, Funded.**

Principal Investigator for Baylor University Research Committee Grant. Gearing up for Transition from High School to College. **2015-2016. \$1,700.**

Principal Investigator for St. Paul's Episcopal Day School Grant. *St. Paul's/Baylor University Library and Literacy Graduate Assistantship Program*. **2014-2017. \$26,211**

Principal Investigator for Baylor University Academy for Teaching and Learning Grant. *Co-Teaching in Middle and Secondary Schools in Florence, Italy*. **2015. \$1,500.**

Principal Investigator for Baylor University Arts and Humanities Faculty Research Program Grant. *U.S.-Thailand Research Network to Advance the Teaching and Learning of Algebraic Reasoning*. **Fall 2013. \$900.**

Co-Principal Investigator for collaborative Grant with, U.S. Department of Education, Collaboration with Waco Independent School District, Baylor University, Texas State Technical College-Waco, McLennan County Youth Collaboration, & City of Waco. *GEAR UP Waco*. **2006-2013. \$11.3M.**

Principal Investigator for Baylor University Arts and Humanities Faculty Research Program Grant. *Fractional Thinking in Young Children-Australia Fall 2011*. **2011. \$1,125.**

Principal Investigator for Baylor University Research Committee Grant. *Fractional Thinking in Young Children-Australia Fall 2011*. **2011. \$2,800.**

Principal Investigator for University Teaching Development Grant. *Education in Italy*. **2011. \$1,500.**

Principal Investigator for Texas College and Career Readiness Initiative: Mathematics Faculty Collaborative Grant. *Development of an Algebra Teacher Efficacy Instrument*. **2010-2011. \$10,000.**

Principal Investigator for Baylor University Research Committee Grant. *Algebra Teacher Efficacy Instrument Development*, **2010-2011. \$2,700.**

Principal Investigator for Baylor University Research Grant. *Geometry research in Australia*. **2008 - 2009. \$4,500.**

Co-Principal Investigator for T<sup>3</sup> Regional Conference Grant from Texas Instruments, a collaboration with Region XII Service Center & Baylor Mathematics Department. **2007 - 2008. \$6,000.**

Co-Principal Investigator for Baylor University's University Lecturer Grant. **2007. \$1,500.**

Collaborator & Principal Investigator for McLennan County Youth Collaboration through sub-award of Texas 21<sup>st</sup> Century Community Learning Centers Grant. *Exploring Mathematics: After School Programs*. **2006 - 2007. \$11,180.**

Co-Principal Investigator, for sub-award of 21<sup>st</sup> Century Grant with the Department of Education for Community Learning Centers. *Summer Enrichment Camps*. **2006. \$4,300.** Consultant for **2007** both with McLennan County Youth Collaboration.

Co-Principal Investigator for Texas Education Agency in collaboration with Waco ISD Grant. *Improving Student Achievement in Mathematics Through Professional Development Partnerships*. **2005 – 2007. \$149,869.**

Co-Principal Investigator for Southwest Educational Development Laboratory Grant. *Success for All Students: Addressing the Achievement Gap in Central Texas*. **2005. \$3,500.**

Collaborator & Principal Investigator for McLennan County Youth Collaboration through sub-award of Texas 21<sup>st</sup> Century Community Learning Centers Grant. *Exploring Mathematics: After School Programs*. **2005. \$16,000.**

Collaborator/instructor for Texas Teacher Quality Grant in collaboration with Baylor University Mathematics Department and Central Texas school districts, *Making Algebra FUNctional for TEKsans!* **2005 - 2006. \$108,189.**

Collaborator/content specialist for collaborative Grant from Waco ISD, Baylor University Mathematics Department, The Allergan Foundation, Waco Reads, and McLennan County youth Collaboration. *Cool Math Literacy Program* for at-risk middle school students at Cesar Chavez Middle School in Waco ISD. **2004 - 2005. \$110,198.**

Director of collaborative grant with Waco ISD and GEAR UP Partnership, funded by US Congressional Award *Congressional Award-Math Initiative*. **2003 – 2004. \$40,000. 2005 – 2006. \$50,000. 2006 – 2007. \$26,000.**

Member of Houston Endowment Inc. Grant. *Assessment Development Team* as support for the Baylor School of Education Delta campus through the Carnegie Foundation for the Advancement of Teaching. **2003 – 2006. \$246,000.**

Co-Director of the Math Initiative of the *Gear Up Waco* Grant, Funded by US Department of Education. **1999 – 2004. \$150,000, \$6M. 2004 – 2005. \$48,500.**

Collaborator on National Science Foundation Grant, a collaboration with Baylor University Vice Provost Office, Information Technology, and Physics Department. *High Performance Network Connections*. **2003 - 2004. \$178,000.**

University Mathematics Educator Consultant of US Department of Education through the Southwest Educational Development Laboratory Grant. *Middle School Mathematics Project*. This project is one of the central activities of a cross consortia of 8 regional Eisenhower Laboratories. **2001- 2005. \$9M.**

Principal Investigator of Eisenhower Professional Development Higher Education Grant Program, Texas Higher Education Coordinating Board, a collaboration with Baylor School of Education and Midway ISD. *Problem Solving for the 21<sup>st</sup> Century*. **2002 - 2003. \$79,000.**

Co-Principal Investigator of Texas Infrastructure Fund Board's Discovery Grant Program Grant, a collaboration of Baylor School of Education, Department of Mathematics and the Instructional Technology Center with the Waco Independent School District. *C-Cubed: Content, Collaboration, and Connectivity*. **2001 – 2003. \$850,000.**

University Consultant, Evaluator, and Instructor for Teaching and Learning Grant with Midway Independent School District (Midway Intermediate and Speegleville Elementary Schools), Funded by Texas Department of Education for **2001 – 2003. \$25,000.**

Recipient of Baylor University Faculty Development Grant award for support travel to Australia to IFIP meeting on teaching, **2002 – 2003. \$1,000.**

Instructor for collaborative Grant of Tarleton University, Midway Independent School District, and Baylor University Department of Curriculum & Instruction and Mathematics Department, funded by Texas Higher Education Eisenhower Program. *Problem Solving for the 21<sup>st</sup> Century*. **2001 – 2001. \$74,952. Support funding from Midway ISD for \$28,993.**

Consultant for Curriculum Development Grant, a collaboration of four Louisiana Universities including Louisiana State University, funded by the National Science Foundation. *Mathematics for Future Secondary Teacher*. **2001 – 2002. \$74,831.**

Co-Principal Investigator of collaborative Grant from National Science Foundation, Louisiana Board of Regents, and the Louisiana Board of Elementary and Secondary Education through the Louisiana Systemic Initiatives Program and the Delta Rural Systemic Initiative. *PK-2 Math Link: Linking Curriculum, Instructional Strategies, and Assessment to Enhance Student Achievement*. **1999-2000. \$81,500. Additional funding from West Feliciana School Board for \$80,750. University in-kind support for rooms, computer labs, technology resources, and instructional materials.**

Co-Director and Institute collaborator of Grant funded by Eisenhower SCIMAST Professional Development Awards Program. *Bridging the GAP in Mathematics from Middle School to High School*. **1996 – 2000. \$100,000. Additional funding from the Ascension Parish School Board for \$20,000 and Louisiana State University for in-kind support of personnel time, and instructional materials.**

Co-Principal Investigator of Grant funded by Louisiana Board of Regents. *Beyond Computer Literacy: Preparing Teachers for a Different World*. **1999 – 2000. \$135,000. Resigned as principal investigator due to recent employment at Baylor.**

Co-Principal Investigator of Grant funded by the Louisiana State University Technology Fee Program. *Bridging the Gap Between Theory and Practice in Middle and Secondary Mathematics and Science Education: Technology in Field Experiences*. **1999 – 2000. \$15,900. Resigned as PI due to employment at Baylor.**

Institute Collaborator for Center for Innovative Teaching and Learning Grant funded by Louisiana Board of Regents in collaboration with Department of Curriculum & Instruction & Mathematics Department, Louisiana State University and East Baton Rouge Parish School District. *Pre-service Elementary Teacher Education: Technology Integration "Community of Scholars."* **1999 – 2000. \$70,000.**

Principal Investigator of Grant funded by the Louisiana State University Technology Fee Program. *Equipping the Mathematics Education Lab* for use by Pre-/In-service Teachers. **1998 – 1999. \$7,000.**

Co-Principal Investigator of Grant funded by National Science Foundation, Louisiana Board of Regents, and the Louisiana Board of Elementary and Secondary Education through the Louisiana Systemic Initiatives Program and the Delta Rural Systemic Initiative. *Math Link: Linking Curriculum, Instructional Strategies, and Assessment to Enhance Student Achievement*, **1998 – 1999. \$133,162. Additional funding from the West Feliciana School**

**Board for \$68,000 and Louisiana State University in-kind support for rooms, computer labs, technology resources, and instructional materials.**

Institute Collaborator and Co-Director of Center for Innovative Teaching and Learning Grant funded by Louisiana Board of Regents in collaboration with Department of Curriculum & Instruction & Mathematics Department, Louisiana State University and East Baton Rouge Parish School District. *Pre-service Elementary Teacher Education Program: A Total Community Effort. 1998 – 1999. \$180,000.*

Institute Collaborator and Co-Director of Grant funded by Louisiana Board of Regents in collaboration with the Department of Curriculum & Instruction, Louisiana State University. *Math & Science Fellowships for Pre-service Students in the Holmes Program. 1998 - 1999. \$70,000.*

Co-Principal Investigator of Grant funded by National Science Foundation, Louisiana Board of Regents, and the Louisiana Board of Elementary and Secondary Education through the Louisiana Systemic Initiatives Program. *MATELT: Mathematics/Technology K-12 Leadership Teams. 1997 – 1998. \$85,000. Additional funding from Baton Rouge Alliance for Science, Mathematics, and Technology (represents a 13 school district area in Louisiana) for \$5,000 and Louisiana State University in-kind support for rooms, computer labs, technology resources, and instructional materials.*

Co-Principal Investigator of Grant funded by National Science Foundation, Louisiana Board of Regents, and the Louisiana Board of Elementary and Secondary Education through the Louisiana Systemic Initiatives Program. *MATELT: Mathematics/Technology K-12 Leadership Teams. 1996 – 1997. \$85,262. Additional funding from Baton Rouge Alliance for Science, Mathematics, and Technology (represents a 13 school district area in Louisiana) for \$6,000, and Louisiana State University in-kind support for rooms, computer labs, technology resources, and instructional materials.*

Principal Investigator of Grant funded by Louisiana State University College of Education. *Mathematics and Technology Innovations. 1996 – 1997. \$3,000.*

Principal Investigator of Grant funded by the East Baton Rouge Area Academic Distinction Fund *Using Technology Effectively in the Mathematics Classroom. 1994 – 1995. \$750 during 94-95. Resigned as PI because of employment at Louisiana State University.*

Principal Investigator of Grant funded by Louisiana Quality in Science and Mathematics Program. *Using Graphing Calculators in the Calculus Classroom. 1993 – 1994. \$1,000.*

**Professional Journal, Book & National Conference Reviewer**

- 2023 Manuscript reviewer for *School Science Mathematics Journal, International Journal for Lesson and Learning Studies, Investigations in Mathematics Learning*  
Proposal Reviewer for 2024 AMTE Conference  
Proposal Reviewer for NCTM Research Conference 2023  
Proposal Reviewer for 2024 AERA Conference, Lesson Study SIG & Research in Mathematics Education SIG
- 2022 Manuscript reviewer for *Mathematics Teacher Educator, School Science Mathematics Journal, Journal of Mathematics Teacher Education, Electronic Journal for Research in Science and Mathematics Education, RSME*  
Reviewed chapter for *Teacher professional learning through lesson study in virtual/hybrid environments: opportunities, challenges, and future directions*, Rongjin Haung, Editor  
Reviewed chapter for *Journeys of Antiracist Mathematics Educators: Highlighting the Voices of Major Stakeholders*, Marilyn Strutchens (lead), Dorothy White, Gladys Krause, Jennifer Bay-Williams, Editors, TODOS
- Proposal Reviewer for 2023 AMTE Conference  
Proposal Reviewer for 2023 AMTE-TX Fall Conference

- Proposal Reviewer for 2023 AERA Conference, Lesson Study SIG & Research in Mathematics Education SIG
- 2021 Manuscript reviewer for *Investigations in Mathematics Learning, Journal of Mathematics Teacher Education, School Science Mathematics Journal, Mathematics Teacher Educator, Journal of Mathematics Teacher Education in Texas*  
Proposal Reviewer for 2022 AERA Conference, Lesson Study SIG & Research in Mathematics Education SIG  
Proposal Reviewer for 2022 AMTE Conference  
Proposal Reviewer for 2021 AMTE-TX Fall Conference
- 2020 Manuscript reviewer for *Investigations in Mathematics Learning, Journal of Mathematics Teacher Education*  
Proposal Reviewer for 2021 AERA Conference, Lesson Study SIG  
Proceedings Reviewer for School Science Mathematics Association 2020 Conference Proceedings  
Reviewed draft of book for Solution Tree Publishers  
Reviewer for US Fact Book on Mathematics Education prepared for the ICME-14 Conference in Shanghai, China
- 2019 Manuscript reviewer for *Investigations in Mathematics Learning, Journal for Mathematics Teacher Education, Journal of Psychoeducational Assessment*  
Proceedings Reviewer for School Science Mathematics Association 2019 Conference Proceedings
- 2018 Manuscript reviewer for *Mathematics Teaching in the Middle School, Mathematics Teacher, School Science Mathematics Journal, Mathematics Teacher Educator, Journal of Advanced Academics, Mathematics Enthusiast, Journal of Psychoeducational Assessment, Investigations in Mathematics Learning*  
Book Chapter for *Theory and Practices of Lesson Study in Mathematics: An International Perspective*  
Proposal Reviewer for 2019 Conference on Academic Research in Education (CARE)  
Proposal Reviewer for 2019 AMTE Conference
- 2017 Manuscript reviewer for *Journal of Advanced Academics, International Journal of Lesson and Learning, Journal of Mathematics Teacher Education, School Science Mathematics Journal*  
Proposal reviewer for NCTM 2017 Research Conference
- 2016 Manuscript reviewer for *School Science Mathematics Journal, Investigations in Mathematics Learning, Journal of Advanced Academics*  
Proposal reviewer for NCTM 2016 Research Conference  
Proposal Reviewer for Association of Mathematics Teacher Educators-Texas 2016 Summer Conference  
Proposal Reviewer for the American Educational Research Association annual conference
- 2015 Manuscript reviewer for *Journal of Research in Childhood Education, ZDM Mathematics Education*  
Book proposal reviewer for Cambridge University Press  
Proposal reviewer for Association of Mathematics Teacher Educators 2016 Annual Conference  
Proposal reviewer for NCTM 2016 Research Conference  
Proposal reviewer for AERA-Math Ed SIG 2016 National Conference  
Proposal Reviewer for Association of Mathematics Teacher Educators-Texas 2015 Summer Conference
- 2014 Manuscript reviewer for *Mathematics Teacher Educator, School Science Mathematics Journal, Journal of Research in Childhood Education*  
Proposal reviewer for Association of Mathematics Teacher Educators 2015 Annual Conference  
Proposal reviewer for NCTM 2015 Research Conference  
Proposal reviewer for AERA-Math Ed SIG 2015 National Conference
- 2013 Manuscript reviewer for *Mathematics Teacher Educator, School Science Mathematics Journal, Journal of Research in Childhood Education*

- Editor of Quick Reads Department, *Mathematics Teaching in the Middle Schools*  
Proposal reviewer for Association of Mathematics Teacher Educators 2014 Annual Conference  
Proposal reviewer for NCTM 2014 Research Presession National Conference
- 2012 Manuscript reviewer for *Journal of Research in Childhood Education, Mathematics Teacher Educator, School Science Mathematics Journal, & Journal of Mathematics Education Leadership, Texas Mathematics Teacher*  
Editor of Quick Reads Department, *Mathematics Teaching in the Middle Schools*  
Proposal reviewer for NCTM 2013 Research Presession National Conference  
Proposal reviewer for Association of Mathematics Teacher Educators 2013 Annual Conference  
Reviewer for Teacher Performance Assessment Consortium documents--Mathematics for NCTM/NCATE
- 2011 Manuscript reviewer for *The Mathematics Teacher, Teaching Children Mathematics, Journal of Research in Childhood Education, Journal of Teacher Education, Mathematics Teacher Educator, & School Science Mathematics Journal*  
Editor of Quick Reads Department, *Mathematics Teaching in the Middle Schools*  
Member of Editorial Committee 7<sup>th</sup> Monograph for AMTE-*Mathematics Teaching: Putting Research into Practice at All Levels*  
Proposal reviewer for NCTM Research Presession National Conference  
Proposal reviewer for Association of Mathematics Teacher Educators 2012 Annual Conference  
Program Committee Member, National Council of Teachers of Mathematics 2011 Conference  
Reviewer for Teacher Performance Assessment Consortium documents--Mathematics or NCTM/NCATE
- 2010 Manuscript reviewer for *The Mathematics Teacher, Mathematics Teaching in the Middle School, Teaching Children Mathematics, Journal of Research in Childhood Education, & School Science Mathematics Journal*  
Member of Editorial Committee 7<sup>th</sup> Monograph for AMTE-*Mathematics Teaching: Putting Research into Practice at All Levels*  
Proposal reviewer for NCTM Research Presession National Conference  
Proposal reviewer for Association of Mathematics Teacher Educators 2010 & 11 Annual Conference  
Program Committee Member, National Council of Teachers of Mathematics 2011 Conference
- 2009 Manuscript reviewer for *The Mathematics Teacher, Mathematics Teaching in the Middle School, & School Science Mathematics Journal, Texas Mathematics Teacher*  
Chair National Council of Teachers of Mathematics Editorial Panel for *Teaching Middle School (Completed April 09), Mathematics*, Editorial Panel Member of 7<sup>th</sup> Monograph for AMTE-*Mathematics Teaching: Putting Research into Practice at All Levels*, and proposal reviewer for NCTM Research Presession National Conference.
- 2008 Manuscript reviewer for *The Mathematics Teacher, Mathematics Teaching in the Middle School, Teaching Middle School Mathematics, School Science Mathematics Journal, & Texas Mathematics Teacher*  
Chair National Council of Teachers of Mathematics Editorial Panel for *Teaching Middle School Mathematics*, Proposal reviewer for Association of Mathematics Teacher Educators 2009 Annual Conference
- 2007 Manuscript reviewer for *The Mathematics Teacher, Teaching Children Mathematics, Mathematics Teaching in the Middle School, School Science Mathematics Journal, & Texas Mathematics Teacher*  
Chair National Council of Teachers of Mathematics Editorial Panel for *Teaching Middle School Mathematics*  
Reviewer for new National Council of Supervisors Mathematics leadership standards document  
Proposal reviewer for 2008 Holmes Partnership Annual Conference
- 2006 Manuscript reviewer for *The Mathematics Teacher, Teaching Children Mathematics, Mathematics Teaching in the Middle School, & School Science Mathematics Journal*  
Proposal reviewer for 2007 Holmes Partnership Annual Conference, 2007 Association of Mathematics Teachers Education Conference, 2007 Hawaii International Conference for Education

- Member National Council of Teachers of Mathematics Editorial Panel for *Teaching Middle School Mathematics*  
Reviewer for *The Handbook of Computer Networks*, John Wiley & Sons, Inc.
- 2005 Manuscript reviewer for *The Mathematics Teacher*, *Teaching Children Mathematics*, *Mathematics Teaching in the Middle School*, & *Louisiana Education Research Journal*  
Proposal reviewer for 2006 Holmes Partnership Annual Conference  
Member National Council of Teachers of Mathematics Editorial Panel for *Teaching Middle School Mathematics*
- 2004 Manuscript reviewer for *Texas Mathematics Teacher*, *The Mathematics Teacher*, *Teaching Children Mathematics*, *Louisiana Education Research Journal*  
Proposal reviewer for 2005 Holmes Partnership Annual Conference
- 2003 Manuscript reviewer for *Gifted Child Today*, *Texas Mathematics Teacher*, *The Mathematics Teacher*, *Louisiana Education Research Journal*, *Louisiana Association of Teachers of Mathematics On-line Journal*.  
Proposal Reviewer (Member of Program Committee) for National Council of Teachers of Mathematics Regional conference, New Orleans Fall 2004  
2004 Holmes National Conference proposal reviewer  
National Education Computing Conference General Session Early Childhood Proposal Review Chair  
International Conference on Computers in Education (ICCE-2003) in Hong Kong-Proposal Reviewer  
Planning Committee for 2004 SCIMAST Texas Spring Meeting, Southwest Educational Development Laboratory
- 2002 National Education Computing Conference General Session Early Childhood-Proposal Review Chair  
Reader/Reviewer for National Council of Teachers of Mathematics (NCTM), National Council of Accreditation of Teacher Education (NCATE) portfolios  
*Louisiana Education Research Journal* Reviewer  
Louisiana Association of Teachers of Mathematics Reviewer of on-line journal
- 2001 National Education Computing Conference General Session Early Childhood-Proposal Review Chair  
International Society for Technology in Education-Reviewer for *Leading & Learning for Technology*  
Louisiana Association of Teachers of Mathematics Reviewer of on-line journal  
*Louisiana Education Research Journal* Reviewer
- 2000 National Science Foundation Proposal Reviewer: Course, Curriculum, and Laboratory Improvement Program Grants  
*Louisiana Education Research Journal* Reviewer
- 1999 National Educational Computing Conference General Session Proposal Reviewer Chair
- 1998 Tel-Ed 1998 Conference Proposal Reviewer
- 1997 Southwest Educational Research Association Graduate Student Paper Division  
Proposal Reviewer
- 1996 Southwest Educational Research Association Division IV-Teachers & Teacher Education  
Proposal reviewer

**Invited Book Review**

Cornelius-White, J. & Harbaugh, A. (2009). *Learner-Centered Instruction: Building Relationships for Student Success*. Sage Publications.

Bidgoli, H. (Editor) (2007). *Handbook of Computer Networks*. Wiley Publishers.

Sherman, H., Richardson, L., & Yard, G. (2009). *Teaching Children Who Struggle with Mathematics*, Pearson Merrill Prentice Hall. 2<sup>nd</sup> edition.

Hath, J. & Cohen, M. (2005). *Becoming a Middle School or High School Teacher in Texas*, Thomson-Wadsworth.

Huetnick, L. & Munshin, S. (2004). *Teaching Mathematics for the 21<sup>st</sup> Century*. 2<sup>nd</sup> edition, Pearson Education.

Aemis, J., & Jazlin, E. (2005). *Mathematics on the Internet*, 3<sup>rd</sup> Edition, Merrill-Prentice Hall.

Brumbaugh, D.K., Rock, D., Brumbaugh, L. S., & Rock, M. (2003). *Teaching Secondary School Mathematics*. New Jersey: Lawrence Erlbaum.

Brumbaugh, D.K., Rock, D., Brumbaugh, L. S., & Rock, M. (2002). *The Wonderful World of Teaching of Elementary Mathematics*. New Jersey: Lawrence Erlbaum.

### Awards and Honors

2024 Louise Hay Award for Contributions to Mathematics Education from the Association for Women in Mathematics. Announced October 2023. Awarded January 3, 2024 at the Joint Mathematics Meeting. <https://awm-math.org/awards/hay-award/> <https://awm-math.org/awards/hay-award/hay-award-2024/>

2023 Friends of Mathematics Education Award from the Texas Council of Teachers of Mathematics for contributions in mathematics education at the state and national level at the Texas Council of Teachers of Mathematics Annual Meeting in Fort Worth, TX, July 2023

2022 National Council of Teachers of Mathematics, President

2021 Prakken Professional Cooperation Award from International Technology and Engineering Educators Association (ITEEA) for promoting field of technology and engineering education in collaboration with other disciplines. Presented at the March 2021 ITEEA Annual conference.

National Council of Teachers of Mathematics, President

School of Education's Nominee for Baylor University's Outstanding Faculty Award for significant contributions to the academic community in ways beyond research and teacher

Mentor of doctoral student awarded the 2021 School Science Mathematics Association Outstanding Dissertation Award at the 2021 SSMA Conference

2020 Top Volunteered Article of the year for International Technology and Engineering Educators Association (ITEEA) for Loveland, T, Love, T., S., Wilkerson, T., & Simmons, P. (February 2020). Jackson's Mill to Chinsegut: The journey to STEL (Standards for Technological and Engineering Literacy). *Technology and Engineering Teacher*. 79(5). 8-13. <https://www.iteea.org/News/282/175640.aspx?source=generalSearch>

National Council of Teachers of Mathematics Publication Award for Outstanding Journal as Editor of the *Texas Mathematics Teacher*. Awarded April 2020.

National Council of Teachers of Mathematics, President

Mentor of doctoral student awarded the 2020 School Science Mathematics Association Outstanding Dissertation Award at the 2020 SSMA Conference

2019 Received the Mississippi College Department of Mathematics Distinguished Alumna of the Year Award for 2019, October

National Council of Teachers of Mathematics, Elected as President-Elect

- 2018 Received the Association of Mathematics Teacher Education-Texas (AMTE-TX) Outstanding Service Award for significant contributions to the field of mathematics teacher education, September 2018
- Recognized at the Baylor Round Table Anniversary Luncheon honoring women of the School of Education for significant contributions to education.
- 2016 Received the E. Glenadine Gibb Achievement Award from the Texas Council of Teachers of Mathematics for contributions to the improvement of mathematics education at the state and national level at the Texas Council of Teachers of Mathematics Annual Meeting in San Antonio, TX, June 2016
- 2015 Mentor of doctoral student awarded the 2015 School Science Mathematics Association Outstanding Dissertation Award at the 2015 SSMA Conference in Oklahoma, November 2015
- 2014 National Council of Teachers of Mathematics Board Member At-Large
- 2013 Accepted to the Baylor University 2013 Summer Faculty Institute
- Co-Recipient of the *Award for Excellence in Integrating Science and Mathematics* from School Science Mathematics Association (SSMA) as Director of the GEAR UP Math Initiative and CO-PI of the GEAR UP Grant
- 2012 Received *Rachel Hunter Moore Award for Outstanding Woman Faculty Member* at Baylor from Chi Omega Theta Kappa Chapter November 2012.
- Nominated and selected to run for National Council of Teachers of Mathematics Board as Board Member At-Large
- 2011 Nominated and selected to run for National Council of Teachers of Mathematics Board as Board Member At-Large
- 2010 Research Sabbatical received from University for Fall 2010.
- Book Chapter Selected as highlight exert for web advertising. Meyer, R. & Wilkerson, T. (January 2011). Lesson Study: The Impact on Teachers' Knowledge for Teaching Mathematics. In Hardt, L., Alston, A., Yoshido, M., & Murata, A (Eds). *Lesson-study research and practice; Learning Together*. Springer Publishing: New York.
- Article featuring geometry research in Australia part of IMPACT issue that received a CASE Award for Excellence in small newsletter category. Baker, B., Wilkerson, T., & Sharp, P. (2010). The shape of research: Geometry down under. Extending local research through study abroad. Baylor University School of Education publication *IMPACT*.
- 2009 Work (Focus Issue of MTMS) displayed at the 13<sup>th</sup> Annual "Creations@Baylor" exhibit, April Selected to Top 100 Baylor Administration by he Alpha Delta Pi sorority for excellence in teaching Presentation selected as a Research Highlighted Session at the ACEI Conference, *A Study of Fractional Understanding in Early Grades: A Partnership in Teacher Education*
- 2008 Nominated for AMTE Outstanding Mathematics Teacher Educator Award
- 2007 Mentor of doctoral student awarded the 2007 Association of Teacher Educators Distinguished Dissertation Award at the 87<sup>th</sup> Annual ATE Meeting in San Diego, CA, February 2007.
- Nominated for Outstanding Teaching Award, Baylor University, School of Education  
Research Sabbatical received from university for summer

- 2006 Nominee for Cornelia Marschall Smith Professor of the Year Award, Baylor University  
Accepted New Affiliate Charter from NCTM as President of Central Texas Council of Teachers of Mathematics
- 2005 Research Sabbatical received from University for Fall
- 2004 Nominee for Outstanding Graduate Faculty, Baylor University Graduate Student Association  
Research Sabbatical received from University for summer
- 2003 Research Sabbatical received from University for summer
- 2002 Outstanding Leadership Award, School of Education, Baylor University  
Gear Up Project Mathematics Initiative (Co-Director) selected as Texas state recognized exemplary model.  
Research Sabbatical received from University for summer
- 2001 Research Sabbatical received from University for summer
- 2000 Outstanding Teaching Award, School of Education, Baylor University
- 1997 Tiger Athletic Award for Outstanding Undergraduate Teaching, College of Education,  
Louisiana State University
- 1997 Excellence in Teaching Award, Department of Curriculum and Instruction, Louisiana State University
- 1995 Outstanding Research Paper, Louisiana Education Research Association
- 1994 Presidential Award for Excellence in Science and Mathematics Teaching, local nominee
- 1986 Outstanding High School Teacher, St. Tammany Parish Schools, LA  
Outstanding Teacher, Mandeville High School, Mandeville, LA

#### **Presentations (Invited)**

**Wilkerson T.** (To be presented July 2024). *What Counts as evidence in Mathematics Education*. Plenary Panel at the 15<sup>th</sup> International Congress on Mathematics Education, Sydney, Australia.

**Wilkerson, T.** (January 2024). *Addressing Learning through Effective Research-Based Instructional Strategies*. Region 19 Educational Service Center, El Paso, TX.

**Wilkerson, T.** (November 2023). *Considering Teacher Knowledge and Understanding in Teaching and Learning Mathematics: Research and Practice area a Partnership*. East China Normal University, Doctoral Seminar, Asian Center for Mathematics Education, Shanghai, China.

**Wilkerson, T.** (November 2023). *Mathematics Education: Recent Work in Connecting Research and Classroom Practice Related to the Teaching and Learning of Mathematics in the United States*. 3<sup>rd</sup> Annual ACME International Symposium, Shanghai, China

**Wilkerson, T.** (October 2023). *Addressing Unfinished Learning through Acceleration and Research-Based Instructional Strategies*. Region 19 Educational Service Center, El Paso, TX.

**Wilkerson, T.** (September 2023). *Supporting Effective Teaching Practices to Address Student Learning: Connecting Mathematics and Language*. 2023 Institute of Education Sciences Mathematics Summit. Virtual.

**Wilkerson, T.** (April 2023). *Addressing unfinished learning through acceleration*. Presented at the Texas Instrument's Leadership Summits, San Antonio, San Angelo, and El Paso, TX.

**Wilkerson, T.** April (2023). *Developing Student Reasoning: An Imperative not an Option!* Keynote address, Western Illinois Mathematics Teachers' Conference. Macomb, IL.

**Wilkerson, T.** April (2023). *Pondering Powerful Problem-Solving to Facilitate Student Reasoning.* Western Illinois Mathematics Teachers' Conference. Macomb, IL

**Wilkerson, T.** February (2023). *Leading and Learning in Mathematics Education in Today's Landscape: Opportunities Abound!* Arizona Math Leaders Conference. Phoenix, Arizona.

**Wilkerson, T.** January (2023). *The Journey of Teaching and Learning Mathematics: Purpose-Pathways-Possibilities.* Brigham Young University. Colloquium Speaker. Provo, Utah.

Honey, J. & **Wilkerson, T.** January (2023). *Leadership and Pathways Update.* Utah Council of Teachers of Mathematics Conference, Provo, Utah.

**Wilkerson, T.** February (2023). *Mathematics Teaching and Learning through a Lens of Exploration: Where it can lead us!* Utah Council of Teachers of Mathematics Conference, Provo, Utah.

**Wilkerson, T.** February (2023). *Leading in Mathematics Teaching and Learning: What can I do and how?* Utah Council of Teachers of Mathematics Conference, Provo, Utah.

**Wilkerson, T.** (November 2022). *Addressing unfinished learning through acceleration.* Presented at the Texas Instrument's Leadership Summits, Austin, Waco, and White Settlement, TX.

**Wilkerson, T.** (November 2022). *Supporting students in collaboration: It's logical!* Presented at the Alabama Council of Teachers of Mathematics Conference. Oxford, AL.

**Wilkerson, T.** (September 2022). *Fostering powerful mathematical pondering through bold leadership: Shifting the vision from imagination to realization.* Presented at the National Council of Supervisors of Mathematics Annual Conference. Anaheim, CA.

Honey, J., Gray, P., & **Wilkerson, T.** (September 2021). *Reinventing high school mathematics: We don't live in 1890... Why does HS math?.* Presented at the Association of State Supervisors of Mathematics Annual Meeting. Irvine, CA.

**Wilkerson, T.** (September 2022). *Developing, strengthening and supporting mathematics instructional systems through asset-based approaches.* Presented at the Association of State Supervisors of Mathematics Annual Meeting.

**Wilkerson, T.** (September 2022). *NCTM happenings and resources.* Presented at the McMath Meeting. Virtual.

**Wilkerson, T.** (August 2022). *Supporting productive struggle in the mathematics classroom: The role of discourse and purposeful questioning.* MasterClass Speaker. Victorian Academy for Teaching and Learning, Sydney, Australia. Virtual.

Briars, D. , **Wilkerson, T.**, Dykema, K. (July 2022). Round Table Discussion at "Dinner and Learn" pre-conference session, *NCTM Presidents: Past, present, and future.* Pennsylvania Council of Teachers of Mathematics, Harrisburg, PA.

**Wilkerson, T.** (July 2022). *Problems to ponder—Pondering powerful problems - Elementary.* Featured Speaker for the Conference for the Advancement of Mathematics Teaching, San Antonio, TX.

**Wilkerson, T.** (July 2022). *Problems to ponder—Pondering powerful problems - Secondary.* Featured Speaker for the Conference for the Advancement of Mathematics Teaching, San Antonio, TX.

**Wilkerson, T.** (May 2022). *Engaging all students in learning mathematics through effective teaching practices: Addressing challenges and opening up opportunities.* Keynote Speaker for the South Plains College Mathematics Faculty Leadership Academy, Levelland, TX.

**Wilkerson, T.** (April 2022). *Continuing the journey to ignite our path for teaching and learning mathematics.* Closing Keynote for the Minnesota Council of Teachers of Mathematics Conference, Duluth, Minnesota.

**Wilkerson, T.** (April 2022). *Addressing unfinished learning through acceleration.* Presented at the Texas Instrument's Leadership Summits, Lubbock, Midland, and Abilene, TX.

**Wilkerson, T.** (April 2022). *Engaging together in teaching and learning mathematics: The what, why, who, and how.* Presented at the North Texas Council of Teachers of Mathematics conference, Arlington, TX.

**Wilkerson, T.** (April 2022). *Impact and influence: Serving and leading in professional organizations.* Guest Speaker for Baylor University EDC 6101, Professional Doctoral Seminar.

**Wilkerson, T.** (April 2022). *Moving beyond mediocrity: Ensuring success in every student.* Guest Speaker for Baylor University TED 4349, Critical Issues in Mathematics Education.

**Wilkerson, T.** (March 2022). *Current research trends in mathematics learning that guide us for the future.* Founder's Lecture: Research Conference for Mathematics Learning, Grapevine, TX.

**Wilkerson, T. & Barnes, D.** (February 2022). *A look at statistics and data science through standards & curriculum.* Guest Speaker for University of Georgia Graduate Class on Statistics.

**Wilkerson, T.** (February 2022). *National Council of Teachers of Mathematics priorities in mathematics education.* STEM Stakeholder Roundtable #1 with Ed Leadership Panel member, US Department of Education.

**Wilkerson, T.** (January 2022). *Historical view of curriculum and standards.* Guest Speaker for Tarleton University Math 5379, Trends and Issues in Research.

**Wilkerson, T.** (October 2021). *Developing and supporting positive mathematical identity: Why it matters.* Presented at the AMATYC Conference in Phoenix, AZ.

**Wilkerson, T.** (October 2021). *Building and crossing bridges together as a mathematics education community.* Keynote presented at the Georgia Council of Teachers of Mathematics Annual Conference. Virtual.

**Wilkerson, T.** (October 2021). *Continuing the journey: Mathematics learning 2021 and beyond.* Keynote Presented at the International Southeast Asian Ministers of Education Organization (SEAMEO) regional Centre for Quality Improvement of Teachers and Education Personnel (QITEP) in Mathematics [SEAQiM]. Webinar Series on Preparing for a Post-Pandemic: Reshaping the Future of Mathematics Education. Indonesia (virtual).

**Wilkerson, T.** (October 2021). *Using children's literature: My passion in problem solving and connecting to students!* Presented at the McMath Meeting. Virtual.

**Wilkerson, T.** (October 2021). *NCTM happenings and resources.* Presented at the McMath Meeting. Virtual.

**Wilkerson, T.** (September 2021). *Continuing the journey: Mathematics learning 2021 and beyond.* Keynote Presented to the Central Texas Council of Teachers of Mathematics Fall meeting. Virtual.

**Wilkerson, T.** (September 2021). *Humanizing mathematics through building and supporting a positive mathematical identity in each and every student.* Presented at the Association of State Supervisors of Mathematics Annual Meeting. Virtual.

**Wilkerson, T.** (September 2021). *Bold actions as mathematics leaders: Providing a professional space.* Presented at the NCSM: Mathematics Leadership Annual Conference (Virtual). On-Demand Recording.

**Wilkerson, T.** (September 2021). *Catalyzing change in school mathematics: Engaging in critical conversations and planning actional steps*. Presented to the Mathematics for Human Flourishing Project Cohort 2. Ohio. Virtual.

**Wilkerson, T.** (August 2021). *Joy, wonder, and beauty of mathematics*. Presented to the P. P. International School in New Delhi, India. Virtual.

Gallagher, D., Jabot, J., Mabey, D., **Wilkerson, T.** (August 2021). *Secondary STEM: Inclusion in the STEM classroom*. Panel Participant at the Population Education webinar.

**Wilkerson, T.,** Franklin, C., Barnes, D. (August 2021). *GAISE II and catalyzing change: Transforming K-12 statistics, data science and math education*. Birds of a Feather Session at the Joint Statistical Meeting of the American Statistical Association. Virtual.

**Wilkerson, T.** (July 2021). *Catalyzing change in school mathematics: Engaging in critical conversations and planning actional steps*. Presented to the Mathematics for Human Flourishing Project. Ohio. Virtual.

**Wilkerson, T.** (July 2021). *Leading in advocacy for teaching and learning mathematics*. Presented at the NCTM Leadership Conference. Virtual.

**Wilkerson, T.** (July 2021). *Empowering student voice in the middle grades classroom through literature connections*. Featured Speaker at the Conference for the Advancement of Mathematics Teaching. Virtual.

**Wilkerson, T.** (July 2021). *Teaching mathematics: Supporting students as thinkers and doers of mathematics*. Presented to University of Alabama Early career teachers in NSF NOYCE Scholars Program. Video Conference.

**Wilkerson, T.** (July 2021). *Advocating for high quality mathematical access for each and every child: Our collective work, our passion, and our future*. Emma Castelnuovo Award Lecture presented at the 14<sup>th</sup> International Congress on Mathematics Education, Shanghai, China. Virtual.

**Wilkerson, T.** (June 2021). Panel Participant for Jobs and Equity: *How data science education strengthens our communities & workforce* at the Data Science for Everyone Commitments Event.

Schanzer, E., **Wilkerson, T.**, Robinson, I., & Boland, L. (June 2021). *Reforming our math systems panel* at the AI and Data Science Education Leadership Meeting. Virtual.

**Wilkerson, T.,** Burton, M., & Morton, C. (June 2021). Key Gilliland Equity Series: *The talk-with mathematics presidents' panel*. Presented at the TODOS Math for All! Leadership Conference. Virtual.

**Wilkerson, T.** (June 2021). *Catalyzing change in mathematics education: Engaging in critical conversations to move forward to action*. Presented at the New Jersey Association of Math Supervisors and Leaders. Virtual.

**Wilkerson, T.** (May 2021). *Math and stats! Exciting combination*. Webinar presented at the Greater Cleveland Council of Teachers of Mathematics.

**Wilkerson, T.** (April 2021). *Moving forward in 2021 and beyond through critical conversations and taking action to empower and engage our students in mathematics*. Keynote presented at the Minnesota Council of Teachers of Mathematics Annual Conference. Virtual.

**Wilkerson, T.** (April 2021). *Advocating for our students, our colleagues, and ourselves as professionals*. Presented at the National Council of Teachers of Mathematics Annual Meeting. Virtual.

**Wilkerson, T.,** Rogers, R. Shelton, R., Painter, L., & Anderson, H. (April 2021). *Empowering teacher and student voice: Examining math teaching and learning through lesson study*. Presented at the National Council of Teachers of Mathematics Annual Meeting. Virtual.

**Wilkerson, T.** (March 2021). *Teaching and learning mathematics: Transforming challenges into opportunities to move forward*. Keynote Presented to the New Hampshire Teachers of Mathematics Virtual Conference.

**Wilkerson, T.** (February 2021). *Journey from conversation to action: Catalyzing change across Pk-12 mathematics to move us forward*. Presented at the National Council of Teachers of Mathematics 2021 Virtual Conference.

**Wilkerson, T.** (February 2021). *Catalyzing change in mathematics: Initiating critical conversations and broadening partnerships to support mathematics teacher education*. Presented at the Association of Mathematics Teacher Educators Annual Conference. Virtual.

**Wilkerson, T.** (February 2021). *Making connections and deepening mathematical understanding through the "M" in STEM*. Presented at the Indiana Council of Teachers of Mathematics, HASTI-OICTM Joint Virtual Conference.

Allan, B. & **Wilkerson, T.** (February 2021). *How do we go forward from here: Lessons learned to build a better future*. Presented at the Indiana Council of Teachers of Mathematics, HASTI-ICTM Joint Virtual Conference.

**Wilkerson, T.** (January 2021). *Statistics education what we are learning from 2020 moving to 2021*. Guest speaker, American Statistical Association Statistics Virtual Chat.

Alznauer, A., Knighten, L., **Wilkerson, T.**, Royce, C. (January 2021). *Connecting mathematics and science through literature and storytelling*. Moderator D. Barnes. Webinar panel for STEM Teacher Leadership Network.

Knighten, L. & **Wilkerson, T.** (January 2021). *More ideas from the classroom on using children's literature to make real-world mathematics connections*. Webinar for the National Council of Teachers of Mathematics.

**Wilkerson, T.** (December 2020). *A vision for catalyzing change in mathematics education today to support equity and access*. Keynote address for the Association of Mathematics Teachers of New Jersey Annual Conference.

**Wilkerson, T.** & Knighten, L. (November 2020). *Using children's literature to make real-world mathematics connections*. Webinar presented for National Council of Teachers of Mathematics.

**Wilkerson, T.** (November 2020). *Connecting effective teaching practices and mathematical practices*. Presented at the 1<sup>st</sup> International Conference on Mathematics and Mathematics Education. University of Pattimura, Indonesia. Virtual.

**Wilkerson, T.** (November 2020). *Community, collaboration, and commitment: Three Cs of learning in navigating uncharted areas of mathematics teaching*. Presented at the National Council of Teachers of Mathematics Virtual Conference.

**Wilkerson, T.** (November 2020). *Catalyzing change in mathematics: Initiating critical conversations and partnerships*. Presented at the School Science Mathematics Association Annual Convention. Virtual.

Toncheff, M. & **Wilkerson, T.** (November 2020). *Opportunities and challenges of moving forward: Mathematics learning in the era of COVID-19*. Presented at the Association of Mathematics Teachers of New York State. Virtual.

**Wilkerson, T.** (October 2020 & November 2020). *Catalyzing change: Initiating critical conversations in mathematics teaching and learning*. Presented to the Baylor University School of Education Mathematic Interns and Teaching Associates.

**Wilkerson, T.** (October 2020). *Recognition of outstanding teachers*. Keynote Speaker for Louisiana Council of Teachers of Mathematics Awards Program. Virtual.

**Wilkerson, T.** (October 2020). *Engaging in critical conversations to create a vision for equity and access in math education*. Presented as Keynote Speaker for Arkansas Council of Teachers of Mathematics. Virtual.

**Wilkerson, T.** (October 2020). *Effective mathematics instruction: Using the disruption to catalyze change*. Presented at the Association of State Supervisors of Mathematics Annual Meeting. Virtual.

**Wilkerson, T.** (September 2020). *Focusing on effective mathematics teaching practices meeting the challenge of virtual learning environments*. Presented at the International Southeast Asian Ministers of Education Organization (SEAMEO) regional Centre for Quality Improvement of Teachers and Education Personnel (QITEP) in Mathematics [SEAQIM]. Webinar Series 1 on Mathematics Education in the Age of Pandemic. Indonesia. Virtual.

Tate, W., Patrick, L., Ruiz-Davenport, L., **Wilkerson, T.**, & Berry, R. (September 2020). *Mathematics instruction in the COVID-19 era*. Presented at The National Academy of Education Forum on COVID-19 and Inequities in Education. Webinar, recorded.

**Wilkerson, T.** & Barnes, D. (September 2020). *Catalyzing change in mathematics education: Transforming challenges into opportunities in elementary and beyond*. Presentation to the 100Kin10 Virtual Meeting. (Recorded)

**Wilkerson, T.** (August 2020). *Resources and support from NCTM for moving forward in mathematics*. Presented at the Baylor Curriculum & Instruction Math Partnership Meeting.

**Wilkerson, T.** (August 2020). *Moving forward in mathematics: Now is the time*. Presented to the Oregon Department of Education Math Leadership.

**Wilkerson, T.** (July 2020). *Catalyzing change in early childhood & elementary: Developing and enacting a vision for teaching and learning mathematics*. Featured Speaker at the Conference for the Advancement of Mathematics Teaching. Recorded for viewing through December 2020.

**Wilkerson, T.** (July 2020). *Catalyzing change in middle & secondary schools: Developing and enacting a vision for teaching and learning mathematics*. Featured Speaker at the Conference for the Advancement of Mathematics Teaching. Recorded for viewing through December 2020.

Nevels, N., Huff, L., Martin, D., & **Wilkerson, T.** (July 2020). *Mathematics leadership in times of unprecedented change: Catalyzing, building, and sustaining positive change*. Webinar presented at the National Council of Teachers of Mathematics 100 Days of Professional Learning Series.

**Wilkerson, T.** (July 2020). *Finding our advocacy voice as a leaders in mathematics teaching and learning*. Presented for the National Council of Teachers of Mathematics Virtual Leadership Conference. Recorded session. And then Q & A live session with Ehbort, D.

**Wilkerson, T.**, Berry, R. Q., & Barnes, D. (July 2020). *Supporting teachers, students, families, administrators, and other stakeholders in mathematics teaching and learning*. Presented at the National Academy of Education's COVID-19 Educational inequities Roundtable Series: Addressing Inequitable Mathematics Loss in the Midst of COVID-19: Mitigation and Learning Acceleration Strategies.

**Wilkerson, T.**, Berry, R. Q., Bush, S., & Huinker, D. (May 2020). *Catalyzing change in mathematics education: Transforming challenges into opportunities*. Presented for Education Week Webinar.

Berry, R. Q. & **Wilkerson, T.** (May 2020). *Catalyzing change across all levels: Opportunities and challenges*. Webinar presented at the National Council of Teachers of Mathematics 100 Days of Professional Learning Series.

**Wilkerson, T.** (April 2020). *From knowns to unknowns: A Journey into teaching mathematics*. Webinar presented at the National Council of Teachers of Mathematics 100 Days of Professional Learning Series.

**Wilkerson, T.** (April 2020). *Serving and leading in professional organizations*. Presented to the Baylor School of Education EDC 6101 Professional Doctoral Seminar.

**Wilkerson, T.** (March 2020). *Catalyzing change: Engaging in critical conversations and taking action to empower*

*and engage our students in mathematics.* Webinar presented at the Global Math Department.

**Wilkerson, T.** (February 2020). *Catalyzing change: Engaging in critical conversations and taking action to empower and engage our students in mathematics.* Keynote Speaker at the Central Texas Council of Teachers of Mathematics Annual Spring Conference. Waco, TX.

Lujan, D., **Wilkerson, T.**, Ceja, D., & Steele, M. (November 2019). *Perspectives on key equity issues and practices.* Panel Member at the American Mathematics Association of Two-year Colleges (AMATYC) Annual Conference. Milwaukee, WI.

**Wilkerson, T.** (November 2019). *Catalyzing change: Engaging in critical conversations – Hope for the future.* Keynote Speaker for Mississippi Council of Teachers of Mathematics Annual Conference. Hattiesburg, MS.

**Wilkerson, T.** (November 2019). *Taking action together in mathematical teaching and learning: Empowering teachers to empower students.* Keynote Speaker for South Carolina Council of Teachers of Mathematics Fall Conference. Greenville, SC.

**Wilkerson, T.** & Wood, R. (November 2019). *Learning and leading.* Panel Conversation with students and faculty in the University of Costa Rica Mathematics Department. San Jose, Costa Rica.

**Wilkerson, T.** (September 2019). *The journey: Opportunities, (productive) struggles, and a voice.* Keynote Speaker for Bowling Green Council of Teachers of Mathematics Meeting. Bowling Green, OH.

**Wilkerson, T.** (August 2019). *NCTM standards in mathematics: Yesterday, today, and the future.* Presented at the International Technology and Engineer Educators Association STEM Standards Writing Retreat. Tampa, FL.

**Wilkerson, T.** (April 2019). Chair for *Lesson study paper session* at America Education Research Association (AERA) Annual Meeting, Toronto, Canada.

**Wilkerson, T.** (April 2019). *Join in the journey: Encountering mathematics everywhere.* National Council of Teachers of Mathematics Annual Meeting, Ignite Session Speaker. San Diego, CA.

**Wilkerson, T.** (April 2019). *Exploring mathematical ideas and wonderings, Asking critical questions: Who's doing the exploring and the asking?* National Council of Teachers of Mathematics Annual Meeting, Burst Session speaker. San Diego, CA.

**Wilkerson, T.** (March 2019). *Reflecting on practice: Growing professionally.* Presented to the Tarleton State University T.E.A.M. Student Mathematics Group. Video Conference.

**Wilkerson, T.** (March 2019). *Role of mathematics discussion in teaching and learning of mathematics.* Presented to the University of Costa Rica Mathematics Department. San Jose, Costa Rica.

**Wilkerson, T.** (December 2018). *Early career: Balancing quality planning and assessment.* Presented to University of Alabama Early career teachers in NSF NOYCE Scholars Program. Video Conference.

**Wilkerson, T.** (Fall 2018). *Math for global understanding: Population environment, & society* workshop, Presented Baylor undergraduate mathematics methods class, middle and secondary level.

**Wilkerson, T.** (September 2018). *Exciting times ahead: Taking action as mathematics teacher educators of Texas.* Plenary Presentation to the Association of Mathematics Teachers of Texas Annual Conference. Nacogdoches, TX.

**Wilkerson, T.** (July 2018). *Reflecting on practice-Reflecting on student thinking.* Presented to the Texas Middle School Rural Systemic Initiative Project. Nacogdoches, TX. Video Conference.

**Wilkerson, T.** (June 2018). Reader for Freedom Schools event. *The noisy paint box: The colors and sounds of Kadinsky's abstract art.* Waco, TX.

**Wilkerson, T.** (April 2018). Chair Roundtable Session: *STEM in the professional development school* at America Education Research Association (AERA) Annual Meeting, New York City.

**Wilkerson, T.** (March 2018). *Leading and guiding the teaching and learning of mathematics*. Presented to the University of Costa Rica Mathematics Department. San Jose, Costa Rica.

**Wilkerson, T.,** Kemper, M., Epperson, J., Robinson, T., Garcia, Y. (February 2017). *Challenges and opportunities for mathematics education in the K-12 to college pathway*. Presented as a Panel member at the 6<sup>th</sup> annual Research in Mathematics Education Research-to-Practice Conference, Southern Methodist University, Fort Worth, TX.

**Wilkerson, T. L.** (November 2016). *Effective mathematical teaching practices to support student learning*. Presented at the University of Costa Rica, Secondary Mathematics Education, San Jose, Costa Rica.

**Wilkerson, T.** (October 2016). *Updates from the National Council of Teachers of Mathematics*. Presented at the Texas Association of Supervisors of Mathematics Meeting. Austin, TX.

**Wilkerson, T.** (October 2016). *Population connection: Mathematical modeling with population data and information*. Presented to TED 4349 students and TED 4338.

**Wilkerson, T.** (July 2016). *Professional development strand*. Presented at the Algebra Readiness for Every Student, National Council of Teachers of Mathematics Interactive Institute for Grades 6-8. Denver, CO.

**Wilkerson, T.** (June 2016). *Cost Rica mission education*. Presented to the J.O.Y. Meeting at Oak Lawn Baptist Church, Waco, TX.

**Wilkerson, T.** & Bay-Williams, J. (November 2015). *Regional conference overview & orientation*. Presented at the National Council of Teachers of Mathematics Regional Conference, Nashville, TN.

Bay-Williams, J., **Wilkerson, T.**, & Briars, D. (November 2015). *Board hot topic: Productive strategies for engaging students in productive struggle*. Presented at the National Council of Teachers of Mathematics Regional Conference, Nashville, TN.

**Wilkerson, T.** (September 2015). *Lesson study: How to engage in professional development process to systemically examine practice to become more effective teachers*. Presented at the North Texas Collaborative for Science, Math, and Writing XTreem Algebra Project, Fort Worth, TX.

**Wilkerson, T.** (September 2015). *Using the interactive white board to develop mathematical understanding*. Presented at the Technology for Mathematics professional development event at Baylor University, Waco, TX.

**Wilkerson, T.** (August 2015). *Italy-Paul's dungeon*. Presented to the J.O.Y. meeting at Oak Lawn Baptist Church, Waco, TX.

**Wilkerson, T.** (July 2015). *Professional development strand*. Presented at the Algebra Readiness for Every Student, National Council of Teachers of Mathematics Interactive Institute for Grades 6-8. Chicago, IL.

**Wilkerson, T. L.** (July 2015). *Engaging learners and realizing the development of mathematical practices*. Presented at the 22<sup>nd</sup> International Conference of Adults Learning of Maths. Alexandria, VA.

**Wilkerson, T.** (May 2015). *Mission education in Costa Rica*. Presented to the J.O.Y. Meeting at Oak Lawn Baptist Church, Waco, TX.

Stephan, M., Chval, K., Fish, M., Herbal-Eisenmann, B., **Wilkerson, T.**, Wanko, J., Konold, C. & Civil, M. (April 2015). *Grand challenges in mathematics education*. Presented at the National Council of Teachers of Mathematics Annual Research Conference, Boston, MA.

**Wilkerson, T. L.** (March 2015). *Effective mathematical teaching practices to support student learning*. Presented at the University of Costa Rica, Secondary Mathematics Education, San Jose, Costa Rica.

**Wilkerson, T.** & Bilderback, J. (February 2015). *Understanding and implementing the mathematical process standards*. Panel at the 4th annual Research in Mathematics Education Research-to-Practice conference, Southern Methodist University, Fort Worth, TX

**Wilkerson, T.** (2014-2015). *Developing mathematical problem solvers*. Multi-Day Workshop for Midway ISD. Hewitt, TX.

Eddy, C. & **Wilkerson, T.** (September 2014). *Formative assessment: AssessToday protocol workshop*. Presented at Khon Kaen University, Khon Kaen, Thailand.

**Wilkerson, T.** (July 2014). *Professional development strand*. Presented at the Algebra Readiness for Every Student, National Council of Teachers of Mathematics Interactive Institute for Grades 6-8. San Diego, CA.

**Wilkerson, T.** (July 2014). *New mathematics TEKS, new challenges for superintendents' panel*. Presented at the Conference for the Advancement of Mathematics Teaching, Fort Worth, TX.

Browning, C., Smith, M., Spangler, D., Lapp, D., St. John, D., & **Wilkerson, T.** (February 2014). *AMTE publications: Opportunities to publish your scholarly work*. Presented at the Association of Mathematics Teacher Educators Annual Conference. Irvine, CA.

**Wilkerson, T.**, Rogers, R., Johns, B., \*Gupta, D., \*Nelson, P., \*Haugh, S.J. (2013). *GEARing UP for success through integrating mathematics and science*. Presented at the School Science Mathematics Association Annual Conference in San Antonio, TX.

**Wilkerson, T.** (April 2013). *Baylor University Costa Rica mission education program*. Presented to the J.O.Y. meeting, Oak Lawn Baptist Church, Waco, TX.

**Wilkerson, T.** (August 2012). *Making sense of mathematics by reasoning through it*. Presented at the Midway Independent School District Back to School Summit, Woodway, TX.

**Wilkerson, T.** (September 2011). *The development and use of an algebra teacher efficacy instrument*. Presented at the College and Career readiness Initiative Faculty Collaborative-Mathematics, Texas State University, Round Rock, TX.

**Wilkerson, T.** & \*Meyer, R. (2010, May). *Collaboration, communication, & curriculum: The right combination for our students!* Presented at the Teacher Quality Grant Program Conference, TX.

**Wilkerson, T.** & \*Meyer, R. (2009, July). *Learning through lesson study*. Presented at the Texas Regional Collaborative, TX.

**Wilkerson, T.** (2009, July). *From fractions to geometric thinking in the early grades: Research straight from the classroom*. Presented at the Conference for the Advancement of Mathematics Teaching, Houston, TX.

**Wilkerson, T.** (2009, June). *Examining teacher education: Partnering in research and learning to teach*. Lectures Given at East China Normal University, Beijing Normal University, and Hangzhou Normal University, China.

**Wilkerson, T.** (2007, November). *Let's make a deal! Reasoning through probability for all*. Presented at the California Mathematics Council-South, Palm Springs, CA.

**Wilkerson, T.** (2007, June). *Hot TAMaLE: Technology, art, mathematics and literacy everywhere*. Presented to the Conference for the Advancement of Mathematics Teaching, San Antonio, TX.

Wood, R. & **Wilkerson, T.** (2006, October). *Hot TAMaLE: Technology, art, mathematics and literacy everywhere*. Presented at TAIR Conference. Waco, TX.

**Wilkerson, T.** (2006, July). *Geometry for ALL: Supporting second language learners in feometric thinking*. Presented to the Conference for the Advancement of Mathematics Teaching, Houston, Texas.

Junk, D., Kamen, M., & **Wilkerson, T.** (March, 2006). *Lesson Study in Higher Education*. Presented at the Annual mini-conference of the Central Texas Council of Teachers of Mathematics. Waco, TX.

**Wilkerson, T.** (2004 - 2005). *Integrating technology to deepen understanding of mathematics*. Presented to the Waco Independent School District grade 6-12 mathematics teachers staff development meetings. Waco, TX.

**Wilkerson, T.** (2004, August). *Teaching mathematics: Putting it all together*. Presented to the Magnolia School District K-12 mathematics teachers staff development meeting. Magnolia, AR.

**Wilkerson, T.** (2004, March). *Using the internet in the mathematics classroom*. Presented at the 4<sup>th</sup> Annual Mini-Conference of the Central Texas Council of Teachers of Mathematics. Waco, TX.

**Wilkerson, T.** (2004, January). *Geometric thinking in young children*. Presented at the Annual Conference of the Baton Rouge Council of Teachers of Mathematics. Baton Rouge, LA.

**Wilkerson, T.** & Meyer, R. (2003, November). *Engaging children in geometric concepts*. Presented to the Magnolia School District Grade K-3 teachers. Magnolia, AR.

**Wilkerson, T.** (2003, October). *Making connections: Literature, technology, & middle school mathematics*. Presented at TAIR Conference. Waco, TX.

**Wilkerson, T.** (2003, January). *Multiple platform videoconferencing to support teacher education and professional development in mathematics*. Presented at the International Federation of Information Processing Working Groups 3.1 and 3.3 Working Conference. Melbourne, Australia.

**Wilkerson, T. L.** & Craig, A. (2004, March; 2003, February, April, & July; 2002, October). *NCTM PK-2 geometry academy*. Kansas City, MO; Chicago, I; Salt Lake City, UT; San Antonio, TX; Richmond, VA. Developed and presented first in this area and grade level. April 2003 was with NCTM National Conference in Dallas, TX.

**Wilkerson, T. L.** (2002, May). *What should your math program look like?* Presented to the Waco Council for Private Schools, Waco, TX.

**Wilkerson, T. L.** (2002, February). *Implementing standards-based mathematics curriculum*. Presented to the St. Paul's Episcopal School Math Task Force, Waco, TX.

**Wilkerson, T. L.** (2002, February & 2000, November). *Developing geometric thinking through centers, literature, and technology*. Presented at the Central Texas Council of Teachers of Mathematics Meeting in Waco, TX and the California Teachers of Mathematics SS-Regional Annual Conference, Palm Springs, CA.

**Wilkerson, T. L.** (2001, June). *Problem solving, performance-based assessment, and technology*. Presented at the Sante Fe Independent School District, Sante Fe, TX.

**Wilkerson, T. L.** & Bryan, T. (2001, January). *Approaching math concepts through problem-solving and reasoning*. Midway Independent School District, Hewitt, TX.

**Wilkerson, T. L.** & Curry, J. (2000, August). *Preview of the NCTM standards 2000*. Hillcrest Elementary, Waco School District, Waco, TX.

**Wilkerson, T. L.** (2000, January). *Using the TI-73 graphing calculator in middle school mathematics*. Tennyson Middle School, Waco School District, Waco, TX.

**Wilkerson, T. L.** (1999, July). *Problem solving in mathematics*. Louisiana Resource Center for Educators

Workshop, Baton Rouge, LA.

**Wilkerson, T. L.** (1999, February). *Teaching math through multiple intelligences*. Louisiana Resource Center for Educators Workshop, Baton Rouge, LA.

**Wilkerson, T. L.** (1998, December). *Performance based assessment*. Presented at Southside Junior High School and Eastside Elementary School, Denham Springs, LA and Louisiana Resource Center for Educators Workshop, Baton Rouge, LA.

**Wilkerson, T. L.** (1997). *An update of the TIMSS results*. Presented at Baton Rouge Area Council of Teachers of Mathematics meeting, Baton Rouge, LA.

**Wilkerson, T. L.** (1997). *Math standards update*. Presented at Iberville Parish Mathematics Teacher In-Service, Plaquemine, LA.

**Wilkerson, T. L.** (1997). *Mathematical modeling with the CBLs*. Presented at meeting of Southeastern Area Teachers of Mathematics, Hammond, LA.

**Wilkerson, T. L.** (1997). *Using the TI-82 graphing calculator for beginners*. Presented to the Baton Rouge Diocese mathematics teachers in Southwestern Education Development Laboratory project, Baton Rouge, LA.

**Wilkerson, T. L.** (1996). *Mathematics education: Building for the future-now!* Keynote address to Catholic Diocesan Mathematics Teachers, Baton Rouge, LA.

**Wilkerson, T. L.** (1996). *Alternative assessment in the mathematics classroom*. Presented at Louisiana State University Laboratory School Mathematics Teacher In-Service, Baton Rouge, LA.

**Wilkerson, T. L.** (1995). *Standards for mathematics*. Presented at the Baton Rouge Catholic Diocese Committee meeting for mathematics teachers, Baton Rouge, LA.

**Wilkerson, T. L.** (1994). *Classroom management techniques*. Presented at East Baton Rouge Parish mathematics teachers in-service, Baton Rouge, LA.

**Wilkerson, T. L.** (1992). *Using the Heath calculus textbook*. Presented to the Jefferson Parish Calculus teachers, Kenner, LA.

**Wilkerson, T. L., & Terrebonne, M.** (1988). *Computer use in the mathematics classroom*. Presented at the St. Tammany Parish Mathematics Teacher In-Service Meeting, Mandeville, LA.

### **Presentations (Peer-Reviewed)**

Che, M., Eddy, C., **Wilkerson, T.**, Mitchell, T., \*Enderle., K., \*Nah, J. & \*Jones, L. (To be presented July 2024). *Research Partnership, Process: Methodology Insights from a Systemic Literature Review of the Nature of Partnership in Mathematics Education Research*. [Conference Presentation]. International Congress on Mathematics Education. Sydney, Australia.

Mitchell, T, Che, M., **Wilkerson, T.**, Eddy, C., \*Jones, L., \*Enderle, K. & \*Nah, J. (To be presented April 2024). *Examining Research Partnership Processes in Mathematics Education: A Systematic Review of the Literature*. [Conference Presentation]. American Educational Research Association Annual Meeting. Philadelphia, PA, United States.

Eddy, C., , Mitchell, T, **Wilkerson, T.**, \*Enderle, K. & Che, M.,. (To be presented February/March 2024). *Why Math Research Partnerships Matter: Moving from Abstract to Full-text*. Conference Presentation]. Research Council on Mathematics Learning. Columbia, SC, United States.

\*Desai, S., Safi, F., Bush, S., & **Wilkerson, T.** (To be presented February 2024). *Ethnomodeling: Embodying the Recommendations from NCTM's Catalyzing Change in Teacher Preparation Programs*. [Conference Presentation]. Association of Mathematics Teacher Educators Annual Meeting, Orlando, FL, United States.

**Wilkerson, T.**, Che, M., Eddy, C., \*Jones, L., & \*Enderle, K. (To be presented 2024, February). *Insights from a Systematic Literature Review of Partnership in Mathematics Education; Implications for MTEs*. [Conference Presentation]. Association of Mathematics Teacher Educators Annual Meeting, Orlando, FL, United States.

Shelton, R., Kerschen, K., Cooper, S., **Wilkerson, T.**, Rogers, R. (2023, October). *Exploring Mathematics Preservice Teachers' Experiences in a Summer Field Experience*. [Conference Presentation]. School Science and Mathematics Association Annual Meeting, Colorado Springs, CO, United States.

Cooper, S., **Wilkerson, T.**, Smith, M., \*Jones, L. (2023, October). *Developing Mathematical Identities from Contributions of Historically Excluded Women in STEM*. [Conference Presentation]. School Science and Mathematics Association Annual Meeting, Colorado Springs, CO, United States.

Che, M., **Wilkerson, T.**, Eddy, C., Young, J., & Mitchell, T. (2023, October). *Insights from a Systematic Literature Review of Partnership in Mathematics Education*. [Conference Presentation]. NCTM Research Conference, Washington, DC.

Cooper, S., **Wilkerson, T.**, \*Smith, M., & \*Jones, L. (2023, September). *Developing Mathematical Identities from Contributions of Historically Excluded Women in STEM*. [Conference Presentation]. Association of Mathematics Teacher Educators-Texas. Denton, TX.

**Wilkerson, T.**, Eddy, C., \*Jones, L., \*Enderle, K., & \*Nah, J. (2023, September). *Systematic Literature Review of Mathematics Education Partnerships: Insights and Implications for MTEs*. [Conference Presentation]. Association of Mathematics Teacher Educators-Texas. Denton, TX.

**Wilkerson, T.** (2023, June). *STEM-ulating Activities for People and the Planet*. [Conference Presentation]. Conference for the Advancement of Mathematics Teaching, Fort Worth, TX.

**Wilkerson, T.**, (2023, April). *Developing mathematical thinkers: Where media and math literacy intersect* [Conference Presentation]. NCTM Virtual Conference.

Cooper, Sandi, **Wilkerson, T.**, Rogers, R., , Painter, L. (2023, March). *Building Community through Mathematics Education Partnerships*. [Conference Presentation]. Association of Teacher Educators Annual Meeting, Jacksonville, FL.

Nesmith, S., Hagan-Burke, S., McCall, M., Talbert, S., Shelton, R., Talbert, T., Shanks, N., **Wilkerson, T.**, Cox, H., Purdum-Cassidy, B., Smith, J., Cooper, S. (2023, March). *The BAYLOR Experience Part1: A 100-Year Journey of Light and Learning*. Association of Teacher Educators Annual Meeting, Jacksonville, FL.

Eddy, C., Che, M., **Wilkerson, T.**, Young, J., Mitchell, T. (2023, March). *Collaborative Mathematics Research Partnerships: Towards Lines of Inquiry* [Conference Presentation]. Annual Conference of the Research Council on Mathematics Learning. Las Vegas, Nevada.

Che, M., \*Enderle, K., \*Nah, J., \*Jones, L., Young, J., Mitchell, T., Eddy, C., & **Wilkerson, T.**, (2023, March). *A Systematic Review of Research on Partnerships in Mathematics Education*. Annual Conference of the Research Council on Mathematics Learning. Las Vegas, Nevada.

**Wilkerson, T.**, (2022, November). *Problems to ponder--Pondering powerful problems* [Conference Presentation]. NCTM Regional Conference, Baltimore, MD, United States.

\*Desai, S., Safi, F., Bush, S., Andreasen, J., **Wilkerson, T.**, & Orey, D. C. (2022, November). *Engaging Prospective Secondary Teachers in Geometry-Focused Ethnomodeling Explorations*. [Conference Presentation].

44<sup>th</sup> Annual Meeting of The North American Chapter of the International Group for the Psychology of Mathematics Education. Nashville, TN.

Shelton, R., Rogers, R. & **Wilkerson, T.** (2022, October). *Modified lesson study with middle and secondary mathematics preservice teachers*. [Conference Presentation]. School Science and Mathematics Association Annual Meeting, Missoula, MT, United States.

**Wilkerson, T.**, (2022, September). *The Journey of Catalyzing Change in Mathematics Teaching and Learning: Sharing My (Our) Stories*. [Conference Presentation]. National Council of Teachers of Mathematics Annual Meeting and Exposition, Los Angeles, CA, United States.

**Wilkerson, T.**, \*Jones, L., & \*Donham, M. (2022, September). *Problems to ponder--Pondering powerful problems* [Conference Presentation]. National Council of Teachers of Mathematics Annual Meeting and Exposition, Los Angeles, CA, United States.

**Wilkerson, T.** (2022, April). *Problems to ponder--Pondering powerful problems* [Conference Presentation]. Minnesota Council of Teachers of Mathematics Conference, Duluth, MN, United States.

**Wilkerson, T.** (2022, March). *Develop mathematical understanding through technology and engineering* [Conference Presentation]. International Technology and Engineering Educators Association Conference, Orlando, FL, United States.

**Wilkerson, T.** (2022, March). *Bringing joy to teaching and learning mathematics* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Indianapolis, IN, United States.

Cooper, S., **Wilkerson, T.**, Abnoussei, A., & Mittrea, D. (2022, March). *Building community through mathematics education leadership collaborative* [Conference Presentation]. Research Council on Mathematics Learning Annual Conference, Grapevine, TX, United States.

Shelton, R., Kerschen, K, **Wilkerson, T. L.**, & \*Donham, M. (2022, March). *PSTs and vignettes: Identifying critical issues in mathematics education* [Conference Presentation]. Research Council on Mathematics Learning Annual Conference, Grapevine, TX, United States.

\*Donham, M., Gupta, D., **Wilkerson, T.**, & Eddy, C. (2022, March). *Validating the algebra teacher self-efficacy instrument for PSTs* [Conference Presentation]. Research Council on Mathematics Learning Annual Conference, Grapevine, TX, United States.

**Wilkerson, T.**, Eddy, C., Mitchell, T., Che, M., Young, J. (2022, March). *Understanding collaborative math partnerships: Learning from research* [Conference Presentation]. Research Council on Mathematics Learning Annual Conference, Grapevine, TX, United States.

**Wilkerson, T.**, Jasper, W., \*Donham, M, & Gupta, D. (2022, February). *Validation of the algebra teacher self-efficacy instrument (ATSEI) for preservice mathematics teachers*. Southwest Educational Research Association Annual Meeting, New Orleans, LA, United States.

**Wilkerson, T.** (2022, February). *Advocacy in mathematics education: An essential element in the preparation of teachers of mathematics* [Conference Presentation]. Association of Mathematics Teacher Educators, Las Vegas, NV, United States.

Mitchell, T., Eddy, C. M., Che, M., Young, J., & **Wilkerson, T.** (2022, February). *Conversations about building and sustaining participatory research partnerships in mathematics education* [Conference Presentation]. Association of Mathematics Teacher Educators, Las Vegas, NV, United States.

**Wilkerson, T.** (2022, February). *Bringing joy to teaching and learning mathematics* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, New Orleans, LA, United States.

**Wilkerson, T.**, Eddy, C., Che, M., Young, J., & Mitchell, T. (2022, January). *Examining the intentionality and purposefulness in building and sustaining educational partnerships* [Conference Presentation]. National Council of Teachers of Mathematics Research Conference, Virtual.

Gupta, D., \*Donham, M., **Wilkerson, T.**, Eddy, C., & Ward, E. (2021, October). *The process of validating the algebra teacher self-efficacy instrument for pre-service teachers* [Conference Presentation]. School Science and Mathematics Association Annual Meeting, Virtual.

\*Bowen, M., Rogers, R., & **Wilkerson, T.** (2021, October). *Supporting mathematics teachers to take action: A longitudinal study* [Conference Presentation]. School Science and Mathematics Association Annual Meeting, Virtual.

Che, S.M., **Wilkerson, T.**, Young, J., Mitchell, T. & Eddy, C. (2021, October) *Building and sustaining research-practitioner-community partnerships in STEM (mathematics) education* [Conference Presentation]. School Science and Mathematics Association Annual Meeting, Virtual.

Allan, E., **Wilkerson, T.**, Bland, S., & Torres, J. (2021, July). *Intersections of social justice and media literacy with math, science, and technology* [Conference Presentation]. National Association of Media Literacy Education Conference, Virtual.

**Wilkerson, T.** (2021, June). *Using children's literature to make connections and problem-solve!* [Conference Presentation].  $2\pi@R^{11}$  Virtual Pk-12 Mathematics Conference, Virtual.

**Wilkerson, T.** (2021, March). *Envisioning research in mathematics education: A global approach* [Conference Presentation]. International Consortium of Research in Science & Mathematics Education Conference, Virtual, Recorded.

**Wilkerson, T.** & Simmons, P. (2021, March). *Building STEM partnerships: Mathematics and science perspectives* [Conference Presentation]. 83rd Annual ITEEA Conference, Virtual.

**Wilkerson, T.** (2021, March). *Teaching and learning mathematics: Transforming challenges into opportunities to move forward* [Conference Presentation]. New Hampshire Teachers of Mathematics Conference, Virtual.

Rogers, R., Shelton, R. & **Wilkerson, T.** (2021, February). *Lesson study with preservice teachers: The process, the challenges, and the benefits* [Conference Presentation]. Association of Teacher Educators Annual Meeting, Virtual.

**Wilkerson, T.** (2021, February). *Critical conversations for envisioning research in mathematics* [Conference Presentation]. Research Council on Mathematics Learning Conference, Virtual.

Gupta, D., **Wilkerson, T.**, Eddy, C., Ward, E., \*Donham, M. (2021, February). *Algebra teacher self-efficacy instrument validation for preservice teachers* [Conference Presentation]. Research Council on Mathematics Learning Conference, Virtual.

Rogers, R., Shelton, R., & **Wilkerson, T.** (2021, February). *Implementing lesson study in mathematics: The impact on preservice teachers* [Conference Presentation]. Research Council on Mathematics Learning Conference, Virtual.

**Wilkerson, T.**, Ward, E. (2021, February). *Preservice teacher education: Examining and measuring algebra teacher self-efficacy* [Conference Presentation]. Association of Teacher Educators Annual Meeting, Virtual.

**Wilkerson, T.** (2021, January). *Let's talk and do math! Engaging every student is essential* [Conference Presentation]. Central Texas Council of Teachers of Mathematics Annual Spring Conference, Virtual.

**Wilkerson, T.** (2020, February). *National Council of Teachers of Mathematics is turning 100! Looking back and moving forward with teaching, learning, technology and more!* [Conference Presentation]. Texas Instruments Teachers Teaching with Technology (T<sup>3</sup>) Webinar, Virtual.

**Wilkerson, T.,** \*Donham, M., \*Scholten, N., \*Laird, Y., \*Jiao, Y., \*Gay, J., & \*Humphrey, W. (2020, February). *Models for teaching for understanding: Considerations to supporting learning of Pk-12 students* [Conference Presentation]. Association of Teacher Educators Annual Conference, Atlantic City, NJ, United States.

Berry, R., **Wilkerson, T.**, Martin, G. & Barnes, D. (2020, February). *Opportunities, advocacy, and communication in support of MTE: Standards, HEA, infographics, and case studies* [Conference Presentation]. Association of Mathematics Teacher Educators Annual Conference, Phoenix, AZ, United States.

**Wilkerson, T.,**\* Salisbury, K., Eddy, C., Quebec-Fuentes, S., Jasper, W., Parker, Y., & Kerschen, K. (2019, November). *Validation of the algebra teachers' self-efficacy instrument (ATSEI) for preservice teachers* [Conference Presentation]. School Science and Mathematics Annual Meeting, Salt Lake City, UT, United States.  
**Led Preparation of presentation but did not attend.**

**Wilkerson, T.** (2019, October). *Planning for productive struggle: A struggle worth pursuing* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Nashville, TN, United States.

**Wilkerson, T.** (2019, October). *Planning for productive struggle: Invest in students, know students, recognize their brilliance* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Salt Lake City, UT, United States.

**Wilkerson, T.** (2019, October). *Ideas and wonderings* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Salt Lake City, UT, United States.

**Wilkerson, T.** (2019, September). *Planning for productive struggle: A struggle worth pursuing* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Boston, MA, United States.

**Wilkerson, T.,** Shelton, R., & \*Wong, J. (2019, April). *Working together to develop an understanding of equity-based mathematics teaching practices* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference. San Diego, CA, United States. **Selected as TODOS: Math For All Session.**

**Wilkerson, T.** (2019, March). *Examining and exploring effective mathematics teaching practices through a global perspective* [Conference Presentation]. International Consortium for Research in Science and Mathematics Education Conference, San Jose, Costa Rica.

**Wilkerson, T.,** Adcock, J., Booher, L., Bu, L., Johnston, E., Mistretta, R., Nugent, P. & Yoder, G. (2019, February). *Effects of language on children's conceptual understanding of mathematics-Implications for teacher education.* Association of Teacher Educators Annual Conference, Atlanta, GA, United States.

**Wilkerson, T.** & \*Bowen, M. (2019, February). *Supporting mathematics teachers to take action* [Conference Presentation]. Association of Mathematics Teacher Educators Annual Conference, Orlando, FL, United States.

Waller, P., Lynch, S., Eskelson, S., **Wilkerson, T.**, & Hughes, E. (2019, February). *I am new to mathematics teacher education: Realities of teaching, scholarship, and service.* Association of Mathematics Teacher Educators Annual Conference, Orlando, FL, United States.

\*Shelton, R., **Wilkerson, T.**, \*Kerschen, K. (2018, October). *Planning for action: Professional development to support teaching practices* [Conference Presentation]. School Science and Mathematics Annual Meeting, Little Rock, AK, United States.

\*Warren, M., \*Crowley, B., \*Eubank, M., & **Wilkerson, T.** (2018, September). *Mathematics immersion: Problem solving as student and educator* [Conference Presentation]. Association of Mathematics Teacher Educators of Texas Annual Conference, Nacogdoches, TX, United States.

**Wilkerson, T.,** \*Kerschen, K., \*Shelton, R. (2018, April). *Examination of algebra teacher beliefs and mathematical teaching practices* [Conference Presentation]. National Council of Teachers of Mathematics Research Conference, Washington, DC, United States.

**Wilkerson, T.**, Rogers, R., \*Kerschen, K., & \*Shelton, R. (2018, February). *Connecting beliefs and teaching practices among teachers of algebra* [Conference Presentation]. 45<sup>th</sup> Annual Conference of the Research Council on Mathematics Learning, Baton Rouge, LA, United States.

Cooper, S., \*Kerschen, K., \*Shelton, R., **Wilkerson, T.**, Rogers, R., \*Crowley, B. (2018, February). *Varied field experiences for preservice teachers teaching in a summer math academy* [Conference Presentation]. 45<sup>th</sup> Annual Conference of the Research Council of Mathematics Learning, Baton Rouge, LA, United States.

\*Warren, M., \*Crowley, B., \*Eubank, M., \*Hamilton, K., & **Wilkerson, T.** (2018, February). *Mathematics immersion: An investigation of problem solving perceptions* [Conference Presentation]. 45<sup>th</sup> Annual Conference of the Research Council on Mathematics Learning, Baton Rouge, LA, United States.

**Wilkerson, T.**, Yoder, G., Mistretta, R., Booher, L., Nugent, P., Adcock, J., Cayson, A., Johnston, E., & Bu, L. (2018, February). *Exploring a research agenda on the effects of language on mathematical understanding-Implications for teacher education* [Conference Presentation]. Association of Teacher Educators Annual Conference, Las Vegas, NV, United States.

**Wilkerson, T.**, \*Shelton, R., & \*Kerschen, K. (2018, February). *Engaging preservice teachers in developing an understanding of effective practices through the examination of critical issues in mathematics education* [Conference Presentation]. Association of Teacher Educators Annual Conference, Las Vegas, NV, United States.

Lynch, S., Eskelson, S., **Wilkerson, T.**, Waller, P., James, J. (2018, February). *I am new to mathematics teacher education: Realities of teaching, scholarship, and service* [Conference Presentation]. Presented at the Association of Mathematics Teacher Educators Annual Conference, Houston, TX, United States.

**Wilkerson, T.** & Wood, R. (2018, January). *Investigating the impact of a longitudinal service education experience in Costa Rica* [Conference Presentation]. Hawaii International Conference on Education, Honolulu, HI, United States.

\*Kerschen, K., \*Shelton, R., & **Wilkerson, T.** (2017, November). *Supporting the development of preservice teachers using mini vignettes* [Conference Presentation]. School Science Mathematics Association Annual Convention, Lexington, KY, United States.

**Wilkerson, T.** & \*Shelton, R. (2017, September). *Activities for mathematics preservice teachers to develop an understanding of equity-based practices* [Conference Presentation]. Association of Mathematics Teacher Educators – Texas Annual Conference, Fort Worth, TX, United States.

**Wilkerson, T.** (2017, July). *Saving the planet with math* [Conference Presentation]. Conference for the Advancement of Mathematics Teaching, Fort Worth, TX, United States.

Perry, D., Cooper, S., & **Wilkerson, T.** (2017, April). *Building community through partnerships to impact student learning* [Conference Presentation]. National Council of Supervisors of Mathematics Annual Conference, San Antonio, TX, United States.

**Wilkerson, T.**, \*Kerschen, K., & \*Shelton, R. (2017, April). *Supporting the development of preservice teachers using mini vignettes* [Conference Presentation]. National Council of Teachers of Mathematics Annual Research Conference, San Antonio, TX, United States.

**Wilkerson, T.** & \*Amos, E. (2017, April). *Flexing your math muscles! Student understanding that connects concepts through representations* [Conference Presentation]. National Council of Teachers of Mathematics Annual Meeting, San Antonio, TX, United States.

**Wilkerson, T.**, Yoder, G., Mistretta, R., Booher, L., Nugent, P., Adcock, J., Cayson, A., Johnston, E., Bu, L. (2017, February). *Effects of language on children's conceptual understanding of mathematics-Implications for*

*teacher education* [Conference Presentation]. Association of Teacher Educators Annual Conference, Orlando, FL, United States.

**Wilkerson, T.**, Gupta, D., & \*Kerschen, K. (2016, November). *Building a conceptual understanding of fractions through a six-week intervention in early elementary* [Conference Presentation]. Psychology of Mathematics Education-North American Chapter Annual Conference, Tucson, AZ, United States.

**Wilkerson, T.** & \*Kerschen, K. (2016, October). *Mini vignettes as a PD approach for developing mathematical teaching practices* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Phoenix, AZ, United States.

**Wilkerson, T.** (2016, October). *Grand challenges in mathematics education* [Conference Presentation]. School Science Mathematics Annual Conference, Phoenix, AZ, United States.

Cooper, S., **Wilkerson, T.**, & Bryan, T. (2016, September). *Building community with mathematics education leadership* [Conference Presentation]. Association of Mathematics Teacher Educators-Texas Fall Conference, Abilene, TX, United States.

**Wilkerson, T.**, \*Kerschen, K., & \*Shelton, R. (2016, September). *Supporting the development of preservice teachers using mini vignettes* [Conference Presentation]. Association of Mathematics Teacher Educators-Texas Fall Conference, Abilene, TX, United States.

Barnes, D., **Wilkerson, T.**, & Stephan, M. (2016, July). *Examining grand challenges in mathematics education* [Conference Presentation]. 13<sup>th</sup> International Congress on Mathematical Education, Hamburg, Germany.

Eddy, C., Pratt, S., Thinwiangthong, S., Suttiamporn, W., **Wilkerson, T.**, Matney, G., Saengpun, J., Sudejamnong, A., & Premprayoon, K. (2016, July). *Common observation tool for math teachers use of formative assessment in the U.S. and Thailand* [Conference Presentation]. 13<sup>th</sup> International Congress on Mathematical Education, Hamburg, Germany.

Pratt, S., Eddy, C., Matney, G., **Wilkerson, T.**, Inprasitha, M., Inprasitha, N., Srichompoo, S., Changsri, N., Kadroon, T., & Moonpoo, P. (2016, July). *Facilitating teachers' instruction to elicit student processes in thinking of mathematics* [Conference Presentation]. 13<sup>th</sup> International Congress on Mathematical Education, Hamburg, Germany.

**Wilkerson, T.**, \*Musgrove, M. & \*Sandager, A. (2016, June). *Be a mathematician! Discovering math through problem solving* [Conference Presentation]. Conference for the Advancement of Mathematics Teaching, San Antonio, TX, United States.

**Wilkerson, T.**, \*Shelton, R., & \*Samuel, A. (2016, April). *Facilitating algebraic thinking development with appropriate tools and technology* [Conference Presentation]. National Council of Teachers of Mathematics Annual Meeting, San Francisco, CA, United States.

\*McHenney, R. & **Wilkerson, T.** (2016, February). *Successful PLCs: What is the role of accountability?* [Conference Presentation]. Association of Teacher Educators Annual Conference, Chicago, IL, United States.

**Wilkerson, T.**, Wood, R., \*Amos, E., \*Posey, Z. & \*McHenney, R. (2016, February). *Extending PST opportunities beyond the US classroom: What they learn-What we learn* [Conference Presentation]. Association of Teacher Educators Annual Conference, Chicago, IL, United States.

Gupta, D., **Wilkerson, T.**, & Jasper, W. (2016, February). *Refining and validating of algebra teacher efficacy instrument* [Conference Presentation]. Southwest Education Research Association, New Orleans, LA, United States.

**Wilkerson, T.** & \*Kerschen, K. (2016, January). *Supporting the development of secondary PSTs using mini vignettes and student work* [Conference Presentation]. Association of Mathematics Teacher Educators Annual Conference, Irvine, CA, United States.

**Wilkerson, T. & \*Kerschen, K.** (2015, November). *Real problem solving adventures!* [Conference Presentation] National Council of Teachers of Mathematics Regional Conference, Nashville, TN, United States.

Gupta, D., Jasper, W., **Wilkerson, T.**, Quebec Fuentes, S., Cooper, S., & Mallam, W. (2015, November). *Development and validation of algebra teachers' self-efficacy instrument* [Conference Presentation]. School Science Mathematics Association Annual Conference, OK, United States. **Note: Not able to attend but contributed to research presented.**

**Wilkerson, T. & \*Kerschen, K.** (2015, September). *Engaging learners and realizing the development of mathematical practices* [Conference Presentation]. Association of Mathematics Teacher Educators-Texas Fall Conference, Stephenville, TX, United States.

**Wilkerson, T. L., \*Samuel, A.** (2015, June). *GEARING UP for tasks that engage learners in mathematical practices* [Conference Presentation]. Conference for the Advancement of Mathematics Teaching, Houston, TX, United States.

**Wilkerson, T.** (2015, April). *Modifying lesson study for implementation in the US: Can it provide critical professional development for mathematics teachers?* [Conference Presentation] the American Education Research Association Conference in Chicago, IL, United States. **Part of a symposium, Adoption or Adaptation: Lesson Study in Mathematics.**

**Wilkerson, T., \*Kerschen, K., & \*Samuel, A.** (2015, April). *Engaging learners and realizing the development of mathematical practices* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference, Boston, MA, United States.

Stephan, M., Chval, K., Fish, M., & **Wilkerson, T.** (2015, April). *Grand challenges in mathematics education* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference, Boston, MA, United States.

Cooper, S., **Wilkerson, T.**, & Perry, D. (2015, February). *Building community with mathematics education leadership partners* [Conference Presentation]. Association of Mathematics Teacher Educators Annual Conference, Orlando, FL, United States.

**Wilkerson, T.** (2014, November). *Realizing the development of mathematical practice in higher education* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Houston, TX, United States.

**Wilkerson, T., \*Gupta, D., & \*Thornhill, A.** (2014, April). *Making mathematics a habit!* [Conference Presentation]. National Council of Teachers of Mathematics Conference, New Orleans, LA, United States.

Rogers, R., Rogers, D., & **Wilkerson, T.** (2014, April). *Augmented reality takes students to the real world of mathematics* [Conference Presentation]. National Council of Teachers of Mathematics Conference, New Orleans, LA, United States.

**Wilkerson, T.** (2014, April). *Windows of opportunity for developing knowledge for teaching mathematics: A study of a high school geometry class in the US* [Conference Presentation]. American Education Research Association Conference, Philadelphia, PA, United States. **Part of a symposium, Two Tales of One Format: Examinations of Lesson Studies in the US and China.**

**Wilkerson, T.** (2014, February). *Mathematical immersion: Paralleling experiences of instructor and graduate students* [Conference Presentation]. Annual Research Council on Mathematics Learning Conference, San Antonio, TX, United States.

Eddy, D., \*Kuehnert, E., Matney, G., Olson, M., Pratt, S., & **Wilkerson, T.** (2014, February). *A bilateral, international research network for algebraic reasoning* [Conference Presentation]. Annual Research Council on

Mathematics Learning Conference, San Antonio, TX, United States.

**Wilkerson, T.** & Baker, B. R. (2014, February). *Expanding field Experiences from the U.S. to Australia: Engaging PSTs in research on student learning* [Conference Presentation]. Association of Mathematics Teacher Educators Conference, Irvine, CA, United States.

**Wilkerson, T.** (2013, November). *Assessing student understanding of fractions: An interview protocol for teachers* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Louisville, KY, United States.

\*Corp, A., \*Gupta, D., & **Wilkerson, T.** (2013, November). *Pre-service teachers' learning about teaching fractions* [Conference Presentation]. School Science Mathematics Association Annual Conference, San Antonio, TX, United States.

**Wilkerson, T.**, Johns, B., Rogers, R., \*Nelson, P. (2013, November). *GEARing UP for success: A partnership to support student and teacher learning* [Conference Presentation]. School Science Mathematics Association Annual Conference, San Antonio, TX, United States.

\*Gupta D. & **Wilkerson, T.** (2013, November). *Understanding fractions is possible: Looking at cases from a longitudinal study* [Conference Presentation]. School Science Mathematics Association Annual Conference, San Antonio, TX, United States.

Rogers, D., \*Haugh, S. J., Rogers, R., & **Wilkerson, T.** (2013, November). *Augmented reality: Invite Iron Man and the Terminator to your classroom* [Conference Presentation]. School Science Mathematics Association Annual Conference, San Antonio, TX, United States.

**Wilkerson, T.**, Quebec-Fuentes, S., & Cooper, S. (2013, April). *Does what we believe about algebra really matter?* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference, Denver, CO, United States.

Meyer, R., \*Spruill, S., & **Wilkerson, T.** (2013, April). *What's so cool about Sierpinski?* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference, Denver, CO, United States.

Jasper, W. & **Wilkerson, T.** (2013, February). *A framework for algebra teacher efficacy* [Conference Presentation]. Southwest Educational Research Association Conference, San Antonio, TX, United States.

**Wilkerson, T.**, \*Hodge, K., \*Tang, A., \*Luevanos, A., & \*Thornton, B. (2013, February). *Teaching and learning for understanding: An approach for lifelong learning for all* [Conference Presentation]. Association of Teacher Educators Annual Conference, Atlanta, GA, United States.

**Wilkerson, T.** (2013, February). *TODOS: Mathematics for ALL, an equity organization* [Conference Presentation]. Central Texas Council of Teachers of Mathematics Annual Conference, Waco, TX, United States.

**Wilkerson, T.** & \*Gupta, D. (2012, October). *Making mathematics a habit!* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Dallas, TX, United States.

\*Gupta, D. & **Wilkerson, T.** (2012, October). *Hooking students on algebra: Activities that make it fun* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Dallas, TX, United States.

Baker, B., Sharp, P., **Wilkerson, T.**, & \*Haugh, S. J. (2012, October). *Grades K-3 fraction learning lessons: A partnership in teacher education* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Dallas, TX, United States.

\*Corp, A. & **Wilkerson, T.** (2012, October). *Understanding fractions through literature*. American Association for Teaching and Curriculum Annual Conference, San Antonio, TX, United States. **Presentation made by Corp.**

\*Gupta, D. & **Wilkerson, T.** (2012, July). *Mathematical immersion for facilitating development of mathematical habits of mind* [Conference Presentation]. Conference for the Advancement of Mathematics Teaching, Houston, TX, United States.

**Wilkerson, T.** & Meyer, R. (2012, April). *TAG! Using technology to address student understanding in algebra and geometry* [Conference Presentation]. National Council of Teachers of Mathematics Conference, Philadelphia, PA, United States.

**Wilkerson, T.**, \*Gupta, D., Sharp, P., & Baker, B. (2012, February). *University K-12 school partnerships: Informing program development in teacher education* [Conference Presentation]. Association of Teacher Educators Annual Conference, San Antonio, TX, United States.

\*Gupta, D., **Wilkerson, T.**, Cooper, S., & Meyer, R. (2012, February). *Reflective teaching practices: Facilitating research for teaching* [Conference Presentation]. Association of Teacher Educators Annual Conference, San Antonio, TX, United States.

**Wilkerson, T.** (2012, February). *Exploring a communication structure for connecting AMTE members* [Conference Presentation]. Association of Mathematics Teachers Educators Annual Conference, Fort Worth, TX, United States.

Eddy, C., Fuentes, S., Sorto, A., Cooper, S., Parker, Y., **Wilkerson, T.**, Mallam, W., & Ward, E. (2012, February). *Algebra: Crossroads between educational policy, teacher education, and teacher self-efficacy* [Conference Presentation]. Association of Mathematics Teachers Educators Annual Conference, Fort Worth, TX, United States.

**Wilkerson, T.** (2011, November). *Supporting the development of mathematical habits of mind through mathematical immersion* [Conference Presentation]. School Science Mathematics Association Annual Conference, Colorado Springs, CO, United States.

\*Gupta, D., **Wilkerson, T.**, & Cooper, S. (2011, November). *An examination of teaching models: Exploring elementary students' fractional understanding* [Conference Presentation]. School Science Mathematics Association Annual Conference, Colorado Springs, CO, United States.

**Wilkerson, T.** (2011, October). *Making mathematics a habit!* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, St. Louis, MO, United States.

**Wilkerson, T.** (2011, October). *Making mathematics a habit!* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Atlantic City, NJ, United States.

**Wilkerson, T.** (2011, October). *Examining geometric thinking in young children: The shape of things!* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Atlantic City, NJ, United States.

**Wilkerson, T.**, Harvill, M., & \*Lloyd, T. (2011, July). *Gear up Waco: Teacher development opportunities connecting math, science, engineering and technology* [Conference Presentation]. NCEP/ GEAR UP National Annual Conference, San Francisco, CA, United States.

**Wilkerson, T.**, Fuentes, S., Jasper, B., Mallam, W., Cooper, S., Ward, E., & Taylor, J. (2011, July). *Development of an algebra teacher self-efficacy instrument* [Conference Presentation]. Conference for the Advancement of Mathematics Teaching, Grapevine, TX, United States.

**Wilkerson, T.**, Fuentes, S., Eddy, C., Cooper, S., Mallam, W., Taylor, J., & Jasper, B. (2011, April). *Development of an algebra teacher self-efficacy instrument* [Conference Presentation]. National Council of Teachers of Mathematics Research Pre-session, Indianapolis, IN, United States.

Meyer, R., & **Wilkerson, T.** (2011, February). *Windows of opportunity: How lesson study supports improvement in teaching* [Conference Presentation]. Association of Teacher Educators Conference, Orlando, FL, United States.

\*Bentley, S. & **Wilkerson, T.** (2011, February). *Early grade fractional understanding: Discrete versus continuous*

*models* [Conference Presentation]. Southwest Educational Research Association Annual Meeting, San Antonio, TX, United States.

**Wilkerson, T.**, Fuentes, S., Ward, E., Jasper, B., Taylor, J. (2011, February). *Development of an algebra teacher self-efficacy instrument* [Conference Presentation]. Southwest Educational Research Association Annual Meeting, San Antonio, TX, United States.

**Wilkerson, T.** & \*Gupta, D. (2011, February). *An examination of fractional understanding in second graders: A mixed methods approach* [Conference Presentation]. Southwest Educational Research Association Annual Meeting, San Antonio, TX, United States.

**Wilkerson, T.**, Cooper, S., Meyer, R., & Baker, B. (2011, January). *Effect of lesson implementation, assessment of student work and reflection on PSTs understanding of fractions* [Conference Presentation]. Association of Mathematics Teacher Educators Conference, Irvine, CA, United States.

Sharp, P., Baker, B., & **Wilkerson, T.** (2011, January). *Engaging undergraduates in collaborative research: A model for early professional development* [Conference Presentation]. Hawaii International Conference on Education, Honolulu, HI, United States.

Meyer, R., **Wilkerson, T.**, \*Casas, M., & \*Perales, O. (2010, October). *Algebraic equations and water: What a combination!* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, New Orleans, LA, United States.

**Wilkerson, T.**, Baker, B., Cooper, S., \*Montgomery, M., & \*Cox, P. (2010, October). *Understanding fractions: A key 'part' to a 'whole' mathematical experience* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, New Orleans, LA, United States.

Mullins, M., **Wilkerson, T.**, Schell, N., Hernandez, C., & Kattner-Allen, C. (2010, July). *GEAR UP Waco- Making hands-on connections in math, science and technology* [Conference Presentation]. NCCEP/ GEAR UP National Conference, Washington, D.C., United States.

**Wilkerson, T.** & \*Mitcham, C. (2010, July). *Stirring up things with technology* [Conference Presentation]. Conference for the Advancement of Mathematics Teaching, San Antonio, TX, United States.

**Wilkerson, T.**, Baker, B., \*Sandefur, J., \*Fowler, K., & \*Macari, A. (2010, April). *Geometric thinking in young children: An international research perspective* [Conference Presentation]. National Council of Teachers of Mathematics Annual Meeting, San Diego, CA, United States.

Meyer, R., \*Price, G., & **Wilkerson, T.** (2010, April). *Making connections with technology, geometry, and algebra* [Conference Presentation]. National Council of Teachers of Mathematics Annual Meeting, San Diego, CA, United States.

Sharp, P., Baker, B.R., & **Wilkerson, T.** (2010, March). *Transforming teacher education with field experiences that involve teacher candidates in collaborative research* [Conference Presentation]. National Association of Professional Development Schools Conference, Orlando, CA, United States.

Meyer, R. & **Wilkerson, T.** (2010, March). *Making mathematical connections: Pre-service teachers in PDS classrooms experience standards-based instructional lessons* [Conference Presentation]. National Association of Professional Development Schools Conference, Orlando, CA, United States.

**Wilkerson, T.**, \*Rodgers, J., \*Davis, M., \*Zandstra, A., & \*Emke, J. (2010, February). *Choosing to teach for understanding: A positive action to ensure the success of PK-12 students* [Conference Presentation]. Association of Teacher Educators Conference, Chicago, IL, United States.

**Wilkerson, T.**, Cady, J., Meier, S., Meyer, R., Strunk, K., & Baker, B. (2010, January). *Developing and sustaining university/K-12 partnership* [Conference Presentation]. Association of Mathematics Teacher Educators Annual

Conference, Irvine, CA, United States.

Cooper, S., Meyer, R., & **Wilkerson, T.** (2010, January). *Engaging preservice teachers in the analysis of children's Thinking* [Conference Presentation]. Association of Mathematics Teacher Educators Annual Conference, Irvine, CA, United States.

**Wilkerson, T.**, \*Sandefur, J., & Baker, B. (2009, October). *Examining geometric thinking in young children: A study in Australia* [Conference Presentation]. School Science Mathematics Association Annual Conference, Reno, NV, United States.

**Wilkerson, T.**, Cooper, S., \*Twamley, S., Baker, B., Sharp, P., (2009, April). *Developing fractional thinking in early grades: Do models and varied representations matter?* [Conference Presentation]. National Council of Teachers of Mathematics Annual Meeting, Washington, DC, United States.

**Wilkerson, T.** (2009, April). *Teaching for understanding with mathematics teaching in the middle grades (MTMS)* [Conference Presentation]. National Council of Teachers of Mathematics Annual Meeting, Washington, DC, United States. **Part of the MTMS Panel.**

Poehl, T. & **Wilkerson, T.** (2009, April). *Anno's link to numeracy and spatial awareness through literacy* [Conference Presentation]. National Council of Teachers of Mathematics Annual Meeting, Washington, DC, United States.

Hollebrands, K., Peterson, B., **Wilkerson, T.**, & Berry, R. (2009, April). *Publishing your results in the NCTM school-based journals* [Conference Presentation]. National Council of Teachers of Mathematics Research Pre-Session, Washington, DC, United States.

Steele, M., Jansen, A., Flores, A., Newton, K., & **Wilkerson, T.** (2009, April). *Math experiences for math educators: Exploring open mathematical spaces* [Conference Presentation]. National Council of Teachers of Mathematics Research Pre-Session, Washington, D.C., United States.

Baker, B.R., Sharp, P. T., **Wilkerson, T.** (2009, March). *Best practices: Improving instruction in mathematics through an investigation of geometric thinking of young children* [Conference Presentation]. Association for Childhood Education International Conference, Chicago, IL, United States.

**Wilkerson, T.**, Baker, B.R., & Sharp, P. T. (2009, March) *A study of fractional understanding in early grades: A partnership in teacher education* [Conference Presentation]. Association for Childhood Education International Conference, Chicago, IL, United States.

**Wilkerson, T.**, Meyer, R., Barber, R. (2009, February). *Expanding educational horizons through community partnerships that support teacher preparation* [Conference Presentation]. Association of Teacher Educators Annual Conference, San Diego, CA, United States.

**Wilkerson, T.**, Cooper, S., \*Montgomery, M., & Baker, B. (2009, February). *Effects of participation on pre-service teachers' mathematical and pedagogical content knowledge* [Conference Presentation]. Association of Mathematics Teacher Educators Conference, Orlando, FL, United States.

**Wilkerson, T.** (2008, October). *Hot TAMaLE: Technology, art, mathematics and literacy everywhere* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Oklahoma City, OK, United States.

**Wilkerson, T.** & Cooper, S. (2008, July). *Achieving excellence through understanding fractions: Discrete or continuous? That is the question!* [Conference Presentation]. Conference for the Advancement of Mathematics Teaching, Dallas, TX, United States.

**Wilkerson, T.** & Meyer, R. (2008, April). *Looking for math in all the right places! Making connections* [Conference Presentation]. National Council of Teachers of Mathematics Conference, Salt Lake City, UT, United States.

**Wilkerson, T.**, Smith, S. & Agranoff, P. (2008, April). *Supporting mathematical communication in your classroom with mathematics teaching in the middle school* [Conference Presentation]. National Council of Teachers of Mathematics Conference, Salt Lake City, UT, United States.

Meyer, R. & **Wilkerson, T.** (2008, April). *Learning from lesson study* [Conference Presentation]. National Council of Teachers of Mathematics Conference, Salt Lake City, UT, United States.

**Wilkerson, T.**, Myers, A., & Hull, D. (2008, March). *Analysis of problem solving strategies for project PRIME (promoting rigorous instruction in mathematics education) participants* [Conference Presentation]. American Educational Research Association Annual Conference, New York City, NY, United States.

Eddy, C., Byrd, J., Richardson, C., & **Wilkerson, T.** (2008, March). *General versus mathematics preservice teacher efficacy* [Conference Presentation]. American Educational Research Association Annual Conference, New York City, NY, United States.

**Wilkerson, T.**, Baker, B., Sharp, P., \*Cooper-Twamley, S., Meyer, R. & Cooper, S. (2008, February). *Engaging teacher candidates in collaborative research: An empowering approach to best practice and life-long learning* [Conference Presentation]. Association of Teacher Educators Annual Conference, New Orleans, LA, United States.

Meyer, R. & **Wilkerson, T.** (2008, February). *Pre-service teachers engaged in best practices through lesson study* [Conference Presentation]. Association of Teacher Educators Annual Conference, New Orleans, LA, United States.

**Wilkerson, T.**, Baker, B., Sharp, P., \*Cooper-Twamley, S., & Cooper, S. (2008, January). *Preservice teachers engaged in research on mathematical thinking in K-3 students* [Conference Presentation]. Association of Mathematics Teacher Educators Conference, Tulsa, OK, United States.

**Wilkerson, T.**, Johns, B. & Hutchison, K. (2007, November). *Partnerships that affect mathematical content knowledge of teachers to impact student understanding* [Conference Presentation]. School Science Mathematics Association Conference, Indianapolis, IN, United States.

**Wilkerson, T.**, Balka, D., & Ramirez, N. (2007, November). *Writing the NCTM journals: Discussions with panel editors* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Houston, TX, United States.

**Wilkerson, T.** & Bryan, T. (2007, November). *Do you have math in your bones?* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Houston, TX, United States.

**Wilkerson, T.**, Montgomery, M., Sykes, J., Toomes, D., \*Solomon, E. (2007, November). *Participate in live lesson study as students learn proportions* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Houston, TX, United States.

**Wilkerson, T.** (2007, June). *Writing for the NCTM journal: Tips & discussion with editors* [Conference Presentation]. Conference for the Advancement of Mathematics Teaching, San Antonio, TX, United States.

Baker, B.R., Sharp, P. T., & **Wilkerson, T.** (2007, May). *Transformative learning: Responses of body, mind, emotions and spirit* [Conference Presentation]. Association for Childhood Education International Conference, Tampa, FL, United States.

**Wilkerson, T.**, Cady, J., Hopkins, T., Meyer, R. Byrd, J., Taylor, P. M., Miriti, L., Schack, E., Strunk, K., & Cohen, P. (2007, March) *Linking research to practice through lesson study* [Conference Presentation]. National Council of Teachers of Mathematics Conference Research Pre-Session. Atlanta, GA, United States.

**Wilkerson, T.** & \*Twamley, S. (2007, March). *Leadership through partnerships* [Conference Presentation]. Phi Delta Kappa International Regional Leadership Conference, Denver, CO, United States.

Reeves, A., & **Wilkerson, T.** (2007, March). *Laugh and learn! Use mathematics teaching in the middle school* [Conference Presentation]. National Council of Teachers of Mathematics Conference, Atlanta, GA, United States.

**Wilkerson, T.**, Curry, J., & Meyer, R. (2007, March). *Let's make a deal!* [Conference Presentation]. National Council of Teachers of Mathematics Conference, Atlanta, GA, United States.

MTMS Journal Editorial Panel (**Wilkerson as member**). (2007, March). *Writing for the NCTM journals* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference, Atlanta, GA, United States.

Lawrence, A., Yamagata, C., & **Wilkerson, T.** (2007, March). *Using the MTMS journal in the classroom* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference, Atlanta, GA, United States.

\*Meyer, R., Conaway, B., & **Wilkerson, T.** (2007, February). *Pre-service and in-service teachers collaborate through lesson study* [Conference Presentation]. Association of Teacher Educators Conference, San Diego, CA, United States.

**Wilkerson, T.**, Eddy, C., & Cooper, S. (2007, January). *Supporting teacher educator learning through lesson study: A cross institution model* [Conference Presentation]. Association of Mathematics Teacher Educators Conference, Irving, CA, United States.

**Wilkerson, T.**, Bryan, T., & Curry, J. (2006, April). *It's all in your perspective* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference, St. Louis, MO, United States.

MTMS Journal Editorial Panel (**Wilkerson as member**). (2006, April). *Writing for the NCTM journals* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference, St. Louis, MO, United States.

Lawrence, A., Yamagata, C., & **Wilkerson, T.** (2006, April). *Using the MTMS journal in the classroom* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference, St. Louis, MO, United States.

**Wilkerson, T.**, Baker, B.R., & Sharp, P.T. (2006, April). *Examining geometric thinking in kindergartners: A partnership in a collaborative culture* [Conference Presentation]. Association for Childhood Education International Conference, San Antonio, TX, United States.

Kamen, M., Junk, D., & **Wilkerson, T.** (2006, March). *Lesson study in higher education: Implementing Japanese lesson study among elementary methods instructors* [Conference Presentation]. Central Texas Council of Teachers of Mathematics Annual Conference, Waco, TX, United States.

**Wilkerson, T.**, \*Eddy, C., \*Meyer, R., & \*Cooper-Twamley, S. (2006, January). *Success for all students: Partnership efforts to close the achievement gap in mathematics* [Conference Presentation]. Holmes Partnership Tenth Annual Conference, Chicago, IL, United States.

**Wilkerson, T.**, Baker, B.R., & Sharp, P.T. (2006, January). *Examining geometric thinking in kindergartners: A partnership in a collaborative culture* [Conference Presentation]. Hawaii International Conference on Education. Honolulu, HI, United States.

Cooper, S., Eddy, C., Junk, D., Kamen, M., Sawyer, C., **Wilkerson, T.**, & Marble, S. (2005, November). *Lesson study in higher education: Implementing Japanese lesson study among elementary mathematics methods instructors* [Conference Presentation]. School Science Mathematics Association Annual Conference, Dallas, TX, United States.

**Wilkerson, T.**, \*Meyer, R., Montgomery, M., Fields, L. (2005, July). *Addressing student achievement in mathematics through collaborative professional development* [Conference Presentation]. National Council for Community and Education Partnerships Conference, Washington, D.C., United States.

**Wilkerson, T.** (2005, April). *Geometry for all: Supporting second language learners in geometric thinking* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference, Anaheim, CA, United States.

\*Eddy, C. & **Wilkerson, T.** (2005, April). *Analysis of coursework and field experience impact on preservice middle school mathematics teachers* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference Research Pre-Session, Anaheim, CA, United States.

Bryan, T., Curry, J., & **Wilkerson, T.** (2005, April). *Boxes, buildings, and bathtubs: Analyzing area and perimeter* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference, Anaheim, CA, United States.

Flick, J., **Wilkerson, T.**, & Knighten, L. (2005, April). *Exploring geometric thinking through 2- & 3-dimensional shapes* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference, Anaheim, CA, United States.

**Wilkerson, T.,** \*Meyer, R., Montgomery, M., & Fields, L. (2005, March). *Addressing student achievement in mathematics through collaborative professional development* [Conference Presentation]. Texas GEAR UP Annual Conference, Austin, TX, United States.

**Wilkerson, T.,** Eddy, C., \*Meyer, R., & Cunningham, C., (2005, January). *Partnerships in professional development to reach all students in the mathematics classroom* [Conference Presentation]. Holmes Partnership Annual Conference, Philadelphia, PA, United States.

\*Eddy, C. & **Wilkerson, T.** (2005, January). *The effect of university course work and field experience on pre-service middle school mathematics teachers' preferred teaching style* [Conference Presentation]. Association of Mathematics Teacher Educators Annual Conference, Dallas, TX, United States.

**Wilkerson, T.** & \*Meyer, R. (2004, November). *From counting to place value—Let's conserve!* [Conference Presentation]. National Council of Teachers of Mathematics Southern Regional Conference, New Orleans, LA, United States.

\*Eddy, C. & **Wilkerson, T.** (2004, July). *Video conferencing for engaging mathematics teachers in meaningful conversations* [Conference Presentation]. Conference for the Advancement of Mathematics Teaching, San Antonio, TX, United States.

**Wilkerson, T.,** Knighten, L., & Flick, J. (2004, April). *Developing geometric thinking in young children: Real classrooms, real results* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference, Philadelphia, PA, United States.

**Wilkerson, T.,** \*Meyer, R., \*Eddy, C., \*Purdam-Cassidy, B., & \*Li, W. (2004, February). *Teaching for understanding to promote quality learning: Research, models, and implications for teacher education* [Conference Presentation]. Association of Teacher Educators Annual Conference, Dallas, TX, United States.

Curry, J., **Wilkerson, T.,** Bryan, T., & Johns, B. (2004, February). *Redesigning a mathematics teacher preparation program: A collaborative process* [Conference Presentation]. Association of Teacher Educators Annual Conference, Dallas, TX, United States.

**Wilkerson, T.,** Baker, B., Bradley, K. & Burns, S. (2004, January). *The essential connection: Partnering PDS teachers, university candidates and faculty, and NCTM to effect early childhood learning* [Conference Presentation]. Holmes Partnership Annual Conference, San Diego, CA, United States.

**Wilkerson, T.** & Bryan, T. (2003, July). *Middle school mathematics initiative: Connecting professional development and student engagement to increase student achievement* [Conference Presentation]. National Council for Community and Education Partnerships Conference, Washington, D.C., United States.

**Wilkerson, T.,** Rogers, D., & \*Meyer, R. (2003, July). *Multiple platform videoconferencing to support mathematics instruction* [Conference Presentation]. National Educational Computing Conference, Seattle, WA, United States.

\*Riggs, B. & **Wilkerson, T.** (2003, April). *The effect of a function-based approach to teaching pre-algebra in a 9<sup>th</sup> grade introduction to algebra I course* [Conference Presentation]. National Council of Teachers of Mathematics Conference Research Pre-session, San Antonio, TX, United States.

**Wilkerson, T.** (2003, February). *Investigations of changes in levels of teacher efficacy and relationships to teaching concerns among secondary level Holmes Program Interns* [Conference Presentation]. Holmes Partnership Annual Conference. Washington, D.C., United States.

**Wilkerson, T.,** Bryan, T., Hartley, R., & Ferguson, A. (2003). *Middle school mathematics initiative: Connecting professional development and student engagement* [Conference Presentation]. GEAR UP State Conference, Waco, Texas, United States.

**Wilkerson, T.**, Bryan, T., & Curry, J. (2002, July). *Eating your way through fractions* [Conference Presentation]. Conference for the Advancement of Mathematics Teaching, Dallas, TX, United States.

Smith, K. & **Wilkerson, T. L.** (2002, July). *Problem solving for the 21<sup>st</sup> century* [Conference Presentation]. Conference for the Advancement of Mathematics Teaching, Dallas, TX, United States.

**Wilkerson, T. L.**, Rogers, D., \*Delafield, L., \*Zhang, B., & Emley, C. (2002, June). *Multiple platform videoconferencing to support teacher education and professional development* [Conference Presentation]. National Educational Computing Conference, San Antonio, TX, United States.

**Wilkerson, T. L.** (2002, April). *Developing geometric thinking* [Conference Presentation]. National Council of Teachers of Mathematics 80th Annual Meeting, Las Vegas, NV, United States.

Curry, J., Bryan, T., & **Wilkerson, T. L.** (2002, April). *Math in your bones: Middle school focus on developing proportional reasoning and functions* [Conference Presentation]. National Council of Teachers of Mathematics 80th Annual Meeting, Las Vegas, NV, United States.

Conaway, B. & **Wilkerson, T.** (2002, February). *Support strategies that influence novice teacher's development* [Conference Presentation]. American Association of Colleges for Teacher Education 54<sup>th</sup> Annual Meeting, New York City, New York, United States. **Part of a symposium, *The Use of Formative Assessment and a Support System to Foster Growth in New Teachers.***

Conaway, B., **Wilkerson, T.**, & \*Allen, C. (2002, February). *Factors that influence the growth of novice teachers* [Conference Presentation]. Association of Teacher Educators Annual Meeting, Denver, CO, United States.

Bryan, T., Johns, B., & **Wilkerson, T.** (2002, January). *Redesigning effective mathematics preparation in a teacher education program: Bringing together multiple perspectives* [Conference Presentation]. Association of Mathematics Teacher Educators Annual Conference, San Antonio, TX, United States.

Rogers, D. & **Wilkerson, T.** (2002). *Using multi-platform videoconference technology* [Conference Presentation]. Educational Communications and Technology Annual Conference, Dallas, TX, United States.

**Wilkerson T.L.** (2001, November). *Fractional thinking* [Conference Presentation]. Louisiana Association of Teachers of Mathematics Annual Fall Conference, Alexandria, LA, United States.

**Wilkerson T.L.** & \*Delafield, L. (2001, October). *Creating digital books to address math and language arts* [Conference Presentation]. TAIR Conference, Waco, TX, United States.

**Wilkerson, T. L.** (2001, July). *Using centers and children's literature to encourage geometric thinking* [Conference Presentation]. Conference for the Advancement of Mathematics Teaching, San Antonio, TX, United States.

Curry, J., Bryan, T., & **Wilkerson, T. L.** (2001, July). *Do you have math in your bones?* [Conference Presentation]. Conference for the Advancement of Mathematics Teaching, San Antonio, TX, United States.

**Wilkerson, T. L.** & \*Delafield, L. (2001, June). *Creating digital books to develop PK-2 math concepts* [Conference Presentation]. National Educational Computing Conference, Chicago, IL, United States.

**Wilkerson, T. L.** (2001, April). *Design and implementation of a successful system-wide professional development model: Linking curriculum, instruction, assessment, and technology* [Conference Presentation]. National Council of Supervisors of Mathematics Annual Conference, Orlando, FL, United States.

**Wilkerson, T. L.** (2000, October). *Digital technology, children's literature, and middle school mathematics* [Conference Presentation]. TAIR Conference, Waco, TX, United States.

**Wilkerson, T. L.** (2000, June). *Using technology to support pre-service teachers* [Conference Presentation].

National Educational Computing Conference, Atlanta, GA, United States.

**Wilkerson, T. L.** (2000, May). *Integrating technology into the teaching and learning of middle school mathematics* [Conference Presentation]. NSF Show-Me Center Conference on Middle School Mathematics Teacher Preparation, Branson, MO, United States.

**Wilkerson, T. L.** (2000, March). *Performance-based assessment* [Conference Presentation]. National Council of Teachers of Mathematics Annual Meeting, Chicago, IL, United States.

**Wilkerson, T. L.** (2000, April). *Performance-based assessment* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Mobile, AL, United States.

**Wilkerson, T. L.** (1999, October). *Assessment practices in mathematics* [Conference Presentation]. Louisiana Association of Teachers of Mathematics Annual Fall Conference, New Orleans, LA, United States.

**Wilkerson, T. L.** (1999, October). *Math link: Exploring number sense* [Conference Presentation]. Louisiana Association of Teachers of Mathematics Annual Fall Conference, New Orleans, LA, United States.

**Wilkerson, T. L.** (1999, October). *Problem-solving in middle school mathematics* [Conference Presentation]. Central Texas League of Middle School Conference, Waco, TX, United States.

**Wilkerson, T. L.** (1999, April). *A successful model in teacher education for integrating technology in the teaching and learning of mathematics: Challenges & issues* [Conference Presentation]. Teaching in Higher Education Forum, Baton Rouge, LA, United States.

**Wilkerson, T. L.** (1998, October). *Performance-based assessment and the use of rubrics* [Conference Presentation]. LA School-To-Work Conference: Classrooms That Work, Baton Rouge, LA, United States.

**Wilkerson, T. L.** (1998, October). *Making connections: Mathematical modeling using the graphics calculator and CBLs* [Conference Presentation]. National Council of Teachers of Mathematics Regional Conference, Little Rock, AK, United States.

**Wilkerson, T. L., & Stewart, M. L.** (1998, April). *Developing local leadership teams to promote mathematics reform* [Conference Presentation]. National Council of Teachers of Mathematics Annual Conference, Washington, D.C., United States.

**Wilkerson, T. L., & Stewart, M.L.** (1998, March). *MATELT: A practical approach to developing mathematics education leadership teams* [Conference Presentation]. National Council of Supervisors of Mathematics Annual Conference, Washington, D.C., United States.

**Wilkerson, T. L.** (1997). *K-6 software for making charts and analyzing data* [Conference Presentation]. Louisiana Computer Using Educators Annual Conference, Monroe, LA, United States.

**Wilkerson, T. L.** (1997). *K-6 software for making charts and analyzing data* [Conference Presentation]. Louisiana Association of Teachers of Mathematics Annual Conference, Shreveport, LA, United States.

**Wilkerson, T. L., & Lamy, E.** (1997). *Using the CBLs to analyze data* [Conference Presentation]. Louisiana Association of Teachers of Mathematics, Shreveport, LA, United States.

**Wilkerson, T. L., Miller, B., \*Folse, F., \*Chick, R., \*Duhon, P., \*Creel, M., & \*Martin, J.** (1997). *Mathematical modeling using the graphing calculator and CBLs* [Conference Presentation]. National Council of Teachers of Mathematics Southern Regional Conference, New Orleans, LA, United States.

**Wilkerson, T. L.** (1997). *Reflective teaching of adult numeracy* [Conference Presentation]. Adult Numeracy Annual Conference, Minneapolis, MN, United States.

**Wilkerson, T. L.** & Taylor, H. G. (1996). *Practical software for transforming a geometry classroom* [Conference Presentation]. Louisiana Association of Computer Using Educators Annual Conference, Baton Rouge, LA, United States.

**Wilkerson, T. L.** & \*Folse, F. (1996). *Math software for middle/high school classes* [Conference Presentation]. Louisiana Association of Computer Using Educators Annual Conference, Baton Rouge, LA, United States.

**Wilkerson, T. L.** (1996). *Using the graphing calculator and probes to make connections* [Conference Presentation]. Louisiana Association of Teachers of Mathematics Annual Conference, Alexandria, LA, United States.

**Wilkerson, T. L.** (1996). *Using the graphing calculator and probes to make connections* [Conference Presentation]. Baton Rouge Area Council of Teachers of Mathematics Annual Conference, Baton Rouge, LA, United States.

**Wilkerson, T. L.** (1996). *Discovery through the use of Geometer's Sketchpad* [Conference Presentation]. Louisiana Association of Teachers of Mathematics Annual Conference, Alexandria, LA, United States.

**Wilkerson, T. L.** (1996). *Teaching efficacy and teaching styles of secondary mathematics teachers* [Conference Presentation]. American Education Research Association Annual Meeting, New York City, New York, United States.

**Wilkerson, T. L.**, Miller, B., \*Wuensch, B., \*Martin, J., \*Creel, M., \*Liter, J., \*Jones, S., & \*Dudley, D. (1995). *Mathematical connections using calculator-based laboratories* [Conference Presentation]. Louisiana Association of Teachers of Mathematics Annual Meeting, Lafayette, LA, United States.

Exner, P., **Wilkerson, T.L.**, & others (1995). *Pre-service education through the Holmes graduate program* [Conference Presentation]. Southeastern Regional Association of Teacher Educators Annual Conference, Lake Charles, LA, United States.

**Wilkerson, T. L.** (1995). *Public funding of private schools: An analysis of the Supreme Court's view of funding parochial schools with public funds* [Conference Presentation]. Southwest Educational Research Association Annual Meeting, Dallas, TX, United States.

**Wilkerson, T. L.** (1995). *An examination of teaching efficacy and teaching styles of secondary mathematics teachers in south-central Louisiana* [Conference Presentation]. Louisiana Education Research Association Annual Meeting, New Orleans, LA, United States.

**Wilkerson, T. L.** (1994). *Developing graphing calculator activities* [Conference Presentation]. Baton Rouge Area Council of Teachers of Mathematics Mini-Conference, Baton Rouge, LA, United States.

**Wilkerson, T. L.** (1991). *Mathematics and the literature connection* [Conference Presentation]. Louisiana Association of Teachers of Mathematics Fall Conference, Lake Charles, LA, United States.

**Wilkerson, T. L.**, & Scheffler, A. (1991). *Examining and assumption of linkage between lesson planning and implementation* [Conference Presentation]. Mid-South Educational Research Association Annual Meeting, Lexington, KY, United States.

**Wilkerson, T. L.**, & Lacour, E. (1991). *Efficacy: A review of the literature* [Conference Presentation]. Mid-South Educational Research Association Annual Meeting, Lexington, KY, United States.

**Wilkerson, T. L.**, Scheffler, A., & Mottley, R. (1991). *Mathematics and literature: Curriculum integration* [Conference Presentation]. University of Southern Mississippi Annual Reading Conference, Hattiesburg, MS, United States.

**Professional Service**  
2023 Baylor University  
Graduate Faculty

Baylor Calendar Committee, Member  
Baylor Convocation Committee, Member  
Dissertation Committee Chair (3), Co-Chair (1), Member (4) Department of Curriculum & Instruction

National Council of Teachers of Mathematics, Past-President & Board Member, 2022-2023; Steering Committee for High School Curriculum, 2022-2024

*Statistics Teacher*, Editor, On-Line Journal of the American Statistics Association (ASA) & National Council of Teachers of Mathematics (NCTM), Began November 2023)

Ad-Hoc Proposal Reviewer, National Science Foundation, Division of Undergraduate Education

TODOS Fund Development Committee, Member

Association of Mathematics Teacher Educators of Texas, Member of President's Council

College Board of Mathematical Sciences Task Force on Teacher Recruitment and Retention, Chair

Advisory Committee, Dr. Jennifer Chauvot, University of Houston, Research Project: *Exploring the Development of Anti-racist Mathematics Teaching within Student-teaching Experiences*

Mathematics Consultant

External Reviewer for Tenure and Promotion

2022 Baylor University

Graduate Faculty

Robert Foster Cherry Award Committee, Member

Robert Foster Cherry Award Committee Chair Search, Member

Baylor Calendar Committee, Member

Department of Curriculum & Instruction Recruitment and Retention Sub Committee, Member

Dissertation Committee Chair (3), Member (4) Department of Curriculum & Instruction

National Council of Teachers of Mathematics, President, 2020-2022; Steering Committee for High School Curriculum, 2022-2024

TODOS Fund Development Committee, Member

Association of Mathematics Teacher Educators of Texas, Member of President's Council

College Board of Mathematical Sciences Task Force on Teacher Recruitment and Retention, Chair

National Math Festival Rethink Group, Member

Dissertation Committee Member (1), University of Central Florida

Advisory Committee, Dr. Jennifer Chauvot, University of Houston, Research Project: *Exploring the Development of Anti-racist Mathematics Teaching within Student-teaching Experiences*

Mathematics Consultant

External Reviewer for Tenure and Promotion

2021 Baylor University

Graduate Faculty

Robert Foster Cherry Award Committee, Member

Baylor Calendar Committee, Member

Mathematics Teacher Academy Co-Director

Professional Education Faculty, Member

Dissertation Committee Chair (4), Member (2) Department of Curriculum & Instruction

National Council of Teachers of Mathematics, President, 2020-2022

Association of Teacher Educators Commission on Language and Mathematics, Member

Association of Mathematics Teacher Educators Past-Associate Vice-President for Conferences, 2020-2021

Association of Mathematics Teacher Educators of Texas, Member of President's Council

Dissertation Committee Member (1), University of Central Florida

Mathematics Consultant

External Reviewer for Tenure and Promotion

2020 Baylor University

Graduate Faculty

Robert Foster Cherry Award Committee, Member

Baylor Calendar Committee, Member  
Mathematics Teacher Academy Co-Director  
Baylor SOE In Costa Rica Mission Program, Co-Director  
School of Education Invitation to Excellence Representative  
Professional Education Faculty, Member  
Dissertation Committee Chair (5), Member (1), Department of Curriculum & Instruction

National Council of Teachers of Mathematics, President-Elect, 2019-2020, President, 2020-2022  
Texas Council of Teachers of Mathematics Journal Editor (*Texas Mathematics Teacher*), 2017-2020  
Member of TCTM Board  
Association of Teacher Educators Commission on Language and Mathematics, Member  
Association of Mathematics Teacher Educators Associate Vice-President for Conferences, 2019-2020,  
Past-Associate Vice-President for Conferences, 2020-2021  
School Science Mathematics Association Nominations and Elections Committee, Member, 2017-2020  
Association of Mathematics Teacher Educators of Texas, Member of President's Council  
Mathematics Consultant  
External Reviewer for Tenure and Promotion

- 2019 Baylor University  
Graduate Faculty  
Graduation Marshall  
Robert Foster Cherry Award Committee, Member  
Baylor Library Dean Search Committee, Member  
Baylor Calendar Committee, Member  
School of Education, Curriculum Committee (Chair until August 2019)  
Mathematics Teacher Academy Co-Director  
Baylor SOE In Costa Rica Mission Program, Co-Director  
Graduate Program Director, Department of Curriculum & Instruction until August 2019  
Baylor SOE, C & I Ed.D on-line program Application Reviewer  
School of Education Distinguished Scholars Luncheon, Know Where You're Going Day  
Professional Education Faculty, Member  
Dissertation Committee Chair (5), Member (2), Department of Curriculum & Instruction  
Masters Thesis Committee Chair (1), Department of Curriculum & Instruction  
Baylor SOE Freedom School Advisory Council  
Baylor Round Table Christmas Concert and Luncheon Committee
- National Council of Teachers of Mathematics, President-Elect, 2019-2020, President, 2020-2022  
Texas Council of Teachers of Mathematics Journal Editor (*Texas Mathematics Teacher*), 2017-2020  
Member of TCTM Board  
Association of Education Research Association, Lesson Study Special Interest Group, Program Committee,  
Co-Chair  
Association of Teacher Educators Commission on Language and Mathematics, Chair (2016-2019)  
Association of Mathematics Teacher Educators 2019 Program Committee Member (2018-2019)  
Association of Mathematics Teacher Educators Professional Development Committee Member (2016-2019)  
Association of Mathematics Teacher Educators Executive Director Search Committee Member (2019)  
Association of Mathematics Teacher Educators Vice-President of Conferences (2019-2020)  
School Science Mathematics Association Nominations and Elections Committee, Member, 2017-2019  
Association of Mathematics Teacher Educators of Texas, Member of President's Council and 2019  
Conference Steering Committee  
Central Texas Council of Teachers of Mathematics, Chair PST Luncheon at 2019 annual conference  
Mathematics Consultant  
External Reviewer for Tenure and Promotion

- 2018 Baylor University  
Graduate Faculty

Graduation Marshall  
Robert Foster Cherry Award Committee, Member  
School of Education, Curriculum Committee (Chair)  
Mathematics Teacher Academy Co-Director  
Baylor SOE In Costa Rica Mission Program, Co-Director  
Graduate Program Director, Department of Curriculum & Instruction  
Department of C & I Faculty Search Committees (2), Member  
Education Living and Learning Center Faculty Partner, Invitation to Excellence, University Recruitment Sic-Emology Event  
Professional Education Faculty, Member  
Dissertation Committee Chair (5), Member (4) Department of Curriculum & Instruction  
Baylor University School of Nursing Tenure Committee, Member  
Baylor SOE Freedom School Advisory Council  
Baylor SOE Centennial Celebration Committee, member  
Baylor Round Table Scholarship Committee

National Council of Teachers of Mathematics, President-Elect, 2019-2020, President, 2020-2022  
Texas Council of Teachers of Mathematics Journal Editor (Texas Mathematics Teacher), 2017-2020  
Member of TCTM Board  
Association of Education Research Association, Lesson Study Special Interest Group, Program Committee, Co-Chair and Membership Committee, Co-Chair  
Association of Teacher Educators Commission on Language and Mathematics, Chair (2016-2019)  
Association of Mathematics Teacher Educators 2019 Program Committee Member (2018-2019)  
Association of Mathematics Teacher Educators Professional Development Committee Member (2016-2019)  
Association of Mathematics Teacher Educators VP of Conferences (2019-2022)  
School Science Mathematics Association Nominations and Elections Committee, Member, 2017-2019  
Association of Mathematics Teacher Educators of Texas, Member of President's Council & 2019 Conference Chair  
Central Texas Council of Teachers of Mathematics, Chair PST Luncheon at annual conference  
Mathematics Consultant  
External Reviewer for Tenure and Promotion

2017 Baylor University  
Graduate Faculty  
Graduation Marshall  
University Selection Committee for Outstanding Professors, Member, Chair  
Robert Foster Cherry Award Committee, Member  
School of Education, Undergraduate Curriculum Committee (Chair)  
Mathematics Teacher Academy Co-Director  
Baylor SOE In Costa Rica Mission Program, Co-Director  
Graduate Program Director, Department of Curriculum & Instruction  
Department of C & I Faculty Search Committee, Member  
Education Living and Learning Center Faculty Partner, Invitation to Excellence, University Recruitment  
Professional Education Faculty, Member  
Dissertation Committee Chair (4), Member (5) Department of Curriculum & Instruction  
Baylor University School of Nursing Tenure Committee, Member  
Baylor SOE Freedom School Advisory Council

National Council of Teachers of Mathematics Board of Directors (2014-2017)  
National Council of Teachers of Mathematics Membership Committee Member (2016-2017)  
CAEP National Council of Teachers of Mathematics SPA Reviewer  
Texas Council of Teachers of Mathematics Journal Editor (Texas Mathematics Teacher), 2017-2020  
Member of TCTM Board  
Association of Education Research Association, Lesson Study Special Interest Group, Membership Committee, Co-Chair

Association of Teacher Educators Commission on Language and Mathematics, Chair (2016-2019)  
Association of Mathematics Teacher Educators Professional Development Committee Member (2016-2019)  
School Science Mathematics Association Nominations and Elections Committee, Member, 2017-2019  
Association of Mathematics Teacher Educators of Texas, Member of President's Council  
Central Texas Council of Teachers of Mathematics, Past-President (2016-17), Co-Chair PST Luncheon at annual conference  
Consultant-Christian Women's Job Core Curriculum  
Mathematics Consultant  
External Reviewer for Tenure and Promotion

2016 Baylor University  
Graduate Faculty  
Graduation Marshall  
University Selection Committee for Outstanding Professors, Member, Current Chair  
Robert Foster Cherry Award Committee, Member  
School of Education, Curriculum Committee (Current Chair)  
Baylor SOE In Costa Rica Mission Program, Co-Director  
Member of SOE Graduate Faculty Council  
Graduate Program Director, Department of Curriculum & Instruction  
Department of C & I Faculty Search Committee, Member  
Education Living and Learning Center Faculty Partner  
Professional Education Faculty & Executive Council, Member  
Dissertation Committee Chair (3), Member (3) Department of Curriculum & Instruction  
Masters Thesis Chair (1) Department of Curriculum & Instruction  
Baylor University School of Nursing Tenure Committee, Member

National Council of Teachers of Mathematics Board of Directors (2014-2017)  
National Council of Teachers of Mathematics Membership Committee Member (2016-2017)  
Texas Council of Teachers of Mathematics Journal Editor (Texas Mathematics Teacher), 2017-2020  
Member of TCTM Board and TCTM Grant Application Review Committee  
Association of Teacher Educators Commission on Language and Mathematics, Chair (2016-2019)  
Association of Mathematics Teacher Educators Professional Development Committee Member (2016-2019)  
TODOS: Math for All, Volunteer at conference booth at NCTM  
Psychology of Mathematics-North American Chapter, graduate student lunch mentor  
Association of Mathematics Teacher Educators of Texas, Volunteer at conference booth (state)  
Member of President's Council  
Central Texas Council of Teachers of Mathematics, President (2014-2016), Past-President (2016-17)  
Delegate for National Council of Teachers of Mathematics Affiliate Meeting  
Mathematics Consultant  
External Reviewer for Tenure and Promotion

2015 Baylor University  
Graduate Faculty  
Graduation Marshall  
University Selection Committee for Outstanding Professors, Member, Current Chair  
Robert Foster Cherry Award Committee, Member  
School of Education, Curriculum Committee (Current Chair)  
School of Education, Dean Search Committee, Member  
Baylor SOE In Costa Rica Mission Program, Co-Director  
Member of SOE Graduate Faculty Council  
Graduate Program Director, Department of Curriculum & Instruction  
Department of C & I Faculty Search Committee, Member  
Education Living and Learning Center Faculty Partner  
Professional Education Faculty & Executive Council, Member

Dissertation Committee Chair (5), Member (1) Department of Curriculum & Instruction  
Masters Thesis Chair (1) Department of Curriculum & Instruction  
Honors Thesis Chair (1) Department of Curriculum & Instruction  
Baylor University School of Nursing Tenure Committee, Member

National Council of Teachers of Mathematics Board of Directors (2014-2017)  
National Council of Teachers of Mathematics Regional Conference volunteer  
School Science Mathematics Association Publications Committee, Member  
Association for Mathematics Teacher educators, Discussion Group Co-Facilitator for 2015 Conference  
Association of Teacher Educators Commission on Language and Mathematics, Chair (Start February 2016)  
TODOS: Math For All, Volunteer at conference booth (state)  
Association of Mathematics Teacher Educators of Texas, Past-President (Finished term July 2015)  
Central Texas Council of Teachers of Mathematics, President (2014-2016)  
    Delegate for National Council of Teachers of Mathematics Affiliate Meeting  
Mathematics Consultant  
External Reviewer for Tenure and Promotion

2014 Baylor University  
Graduate Faculty  
Graduation Marshall  
University Selection Committee for Outstanding Professors, Member, Current Chair  
School of Education, Curriculum Committee (Current Chair)  
Baylor SOE In Costa Rica Mission Program, Co-Director  
Member of SOE Graduate Faculty Council  
Member Professional Education Faculty & on Executive Council  
Graduate Program Director, Department of Curriculum & Instruction  
Dissertation Committee Chair (5), School of Education  
Baylor University School of Nursing Tenure Committee, Member

National Council of Teachers of Mathematics Board of Directors (2014-2017)  
Council for the Accreditation of Educator Preparation (CAEP) NCTM Program SPA Lead Reviewer  
Texas Education Agency (TEA) ESTAR/MSTAR Universal Screener Item Reviewer  
School Science Mathematics Association Publications Committee, Member  
Association of Mathematics Teacher Educators, *Connections* Newsletter Editor  
    Member Association of Mathematics Teacher Educators National Board  
    (Finished Term January 2014)  
    Membership Booth Volunteer, National Council of Teacher of Mathematics Conference  
Association of Mathematics Teacher Educators of Texas, President (Finished term July 2014)  
Central Texas Council of Teachers of Mathematics, President  
    Delegate (alternate) for National Council of Teachers of Mathematics Affiliate Meeting  
Mathematics Consultant

2013 Baylor University  
Graduate Faculty  
Graduation Marshall  
University Selection Committee for Outstanding Professors, Member, Current Chair  
School of Education, Curriculum Committee (Current Chair) & Sabbatical Committee  
Baylor SOE In Costa Rica Mission Program, Co-Director  
Member Professional Education Faculty & on Executive Council  
Graduate Program Director, Department of Curriculum & Instruction  
National Council for the Accreditation of Teacher Education NCTM Program SPA Writer & Praxis II  
Alignment Group  
Dissertation Committee Chair (4), School of Education  
Director Mathematics Education Undergraduate & Graduate Programs  
Co-Direct Mathematics Education Lab activities  
Department of Curriculum & Instruction Graduate Program Review Committee

Represented Department at Recruitment Events (ex. Invitation to Excellence & Campus Visits)

NSF Grant Proposal Reviewer  
Texas Education Agency (TEA) ESTAR/MSTAR Universal Screener Item Reviewer  
TEA STAAR Advisory Committee  
School Science Mathematics Association Publications Committee, Member  
Association of Mathematics Teacher Educators, *Connections* Newsletter Editor  
Member Association of Mathematics Teacher Educators National Board  
Membership Booth Volunteer, National Council of Teacher of Mathematics Conference  
Association of Mathematics Teacher Educators of Texas, President  
Central Texas Council of Teachers of Mathematics, President-Elect  
Delegate (alternate) for National Council of Teachers of Mathematics Affiliate Meeting  
Mathematics Consultant

2012 Baylor University  
Graduate Faculty  
Graduation Marshall  
University Selection Committee for Outstanding Professors, Member  
School of Education, Curriculum Committee & Sabbatical Committee  
Baylor SOE In Costa Rica Mission Program, Co-Director  
Member Professional Education Faculty & on Executive Council  
Dissertation Committee Chair (4) Member (2), School of Education  
Director Mathematics Education Undergraduate & Graduate Programs  
Co-Direct Mathematics Education Lab activities  
Department of Curriculum & Instruction Graduate Program Review Committee  
Represented Department at Recruitment Events (Know Where I am Going and Invitation to Excellence)

Texas Education Agency ESTAR Universal Screener Blue Print Committee, Member  
TEKS Professional Development Advisory Group  
National Council for Accreditation of Teacher Education NCTM Program SPA Lead Reviewer  
Member of Board of Program Reviewers  
School Science Mathema2tics Association Publications Committee, Member  
Association of Mathematics Teacher Educators, *Connections* Newsletter Editor  
Member Association of Mathematics Teacher Educators National Board  
Chair of AMTE Communications Committee  
Director of Publications Search Committee, member  
Membership Booth Volunteer, National Council of Teacher of Mathematics Conference  
T<sup>3</sup> Regional Conference Registration Co-Chair  
TODOS: Math For All, Volunteer at conference booths (national and state)  
Association of Mathematics Teacher Educators of Texas, President  
Central Texas Council of Teachers of Mathematics, Vice-President of Colleges/Universities  
Delegate for National Council of Teachers of Mathematics Affiliate Meeting  
Mathematics Consultant  
External Reviewer for Grant at Ohio University

2011 Baylor University  
Graduate Faculty  
Graduation Marshall  
University Selection Committee for Outstanding Professors, member  
School of Education, Curriculum Committee & Sabbatical Committee  
Baylor SOE In Costa Rica Mission Program, Co-Director  
Member Professional Education Faculty & on Executive Council  
Dissertation Committee Chair (3) Member (3), School of Education  
Director Mathematics Education Undergraduate & Graduate Programs  
Co-Direct Mathematics Education Lab activities  
Department of Curriculum & Instruction Graduate Program Review Committee

University 1000 Leader & Greeter

Texas Commissioner of Education Mathematics Advisory Group, Member  
National Council for Accreditation of Teacher Education NCTM Program SPA Lead Reviewer  
Member of Board of Program Reviewers  
NCTM Program Committee Member, 2011 National Conference Meeting, Indianapolis  
School Science Mathematics Association Publications Committee, Member  
Association of Mathematics Teacher Educators, Newsletter Editor  
Member Association of Mathematics Teacher Educators National Board  
Chair of Communications Task Force and Communications Committee  
Association of Mathematics Teacher Educators of Texas, Treasurer & President-Elect  
Reviewer of Professional Credentials for a University for Promotion Consideration to Associate Professor  
Mathematics Consultant

2010 Baylor University  
Graduate Faculty  
Graduation Marshall  
University Teaching/Learning with Technology Committee, Chair  
University Selection Committee for Outstanding Professors, member  
School of Education, Leadership Council Member  
Baylor SOE In Costa Rica Mission Program, Co-Director  
Member Teacher Education Faculty  
Dissertation Committee Chair (1) Member (5), School of Education  
Director Mathematics Education Undergraduate & Graduate Programs  
Direct Mathematics Education Lab activities

Texas Commissioner of Education Mathematics Advisory Group, Member  
National Council for Accreditation of Teacher Education NCTM Program SPA Reviewer  
NCTM Program Committee Member, 2011 National Conference Meeting, Indianapolis  
School Science Mathematics Association Publications Committee, Member  
Association of Mathematics Teacher Educators, Awards Committee Chair  
Association of Mathematics Teacher Educators, Newsletter Editor  
Member Association of Mathematics Teacher Educators National Board  
Association of Mathematics Teacher Educators of Texas, Treasurer  
PDK Baylor University Chapter, President  
Mathematics Consultant

2009 Baylor University  
Graduate Faculty  
Graduation Marshall  
University Teaching/Learning with Technology Committee, Chair  
University Selection Committee for Outstanding Professors, member  
School of Education, Leadership Council Member  
Baylor SOE In Costa Rica Mission Program, Co-Director  
Member Teacher Education Faculty  
Curriculum & Instruction Tenure & Promotion Task Force, Member  
Dissertation Committee Chair (1) and Member (3), School of Education  
Director Mathematics Education Undergraduate & Graduate Programs  
Direct Mathematics Education Lab activities

NCTM Program Committee Member, 2011 National Conference Meeting, Indianapolis  
NCTM Editorial Panel Chair, *Mathematics Teaching in the Middle School* journal  
Association of Mathematics Teacher Educators 2009 Conference Program Committee, Member  
School Science Mathematics Association Publications Committee, Member  
Association of Mathematics Teacher Educators, Awards Committee Member & TE-MAT Reviewer  
Association of Mathematics Teacher Educators of Texas, Treasurer

PDK Baylor University Chapter, President  
Manuscript reviewer, Routledge/Taylor & Francis Group  
Mathematics Consultant

2008 Baylor University  
Graduate Faculty  
Graduation Marshall  
University Teaching/Learning with Technology Committee, Chair  
Academic Summit on Tenure, Participant  
Selection Committee for Outstanding Professors, member  
School of Education, Curriculum & Instruction Faculty Search Committee, member  
Member Teacher Education Faculty  
Dissertation Committee Chair (1) and Member (4), School of Education  
Direct Mathematics Education Lab activities

NCTM Editorial Panel Chair, *Mathematics Teaching in the Middle School* journal  
National Council for Accreditation of Teacher Education NCTM Program SPA Reviewer  
Association of Mathematics Teacher Educators 2009 Conference Program Committee, Member  
School Science Mathematics Association Publications Committee, Member  
Association of Mathematics Teacher Educators, TE-MAT Reviewer  
PDK Baylor University Chapter, Program Chair  
Central Texas Council of Teachers of Mathematics-Exhibitor Committee Chair  
Teachers Teaching with Technology Regional Conference, Conference Chair  
Mathematics Consultant

2007 Baylor University  
Graduate Faculty  
Graduation Marshall  
University Teaching/Learning with Technology Committee, Member  
School of Education, Curriculum & Instruction Faculty Search Committee, Chair  
School of Education Tuition Task Force member  
Member Teacher Education Faculty  
Dissertation Committee Chair (1) and Member (3), School of Education  
Direct Mathematics Education Lab activities  
Participate in Baylor Receptions for Recruiting

NCTM Editorial Panel Chair, *Mathematics Teaching in the Middle School* journal  
National Council for Accreditation of Teacher Education NCTM Program SPA Reviewer  
Association of Mathematics Teacher Educators 2009 Conference Program Committee, Member  
Association of Mathematics Teacher Educators, TE-MAT Reviewer  
Advisory Council for Van de Walle *Elementary & Middle School Mathematics, 7<sup>th</sup> Ed.*, Pearson Publishing  
PDK International Regional Chapter/Member Liaison  
PDK Baylor University Chapter, Program Chair  
Central Texas Council of Teachers of Mathematics-Exhibitor-chair Annual Conference, Past-President  
Texas State Book Reviewer Committee, Member  
Mathematics Consultant

2006 Baylor University  
Graduate Faculty  
Graduation Marshall  
University Teaching/Learning with Technology Committee, Member  
School of Education, Curriculum & Instruction Faculty Search Committee, Chair  
Department of Curriculum & Instruction Ad Hoc Committee on Christian Focus of Teaching & Learning, member  
Member Teacher Education Faculty  
Dissertation Committee Chair (1) and Member (1), School of Education

Direct Mathematics Education Lab activities  
Participate in Baylor Receptions for Recruiting  
University 1000 Leader

NCTM Editorial Panel member, *Mathematics Teaching in the Middle School* journal  
Association of Mathematics Teacher Educators 2007 Conference Program Committee, Member  
PDK International Regional Chapter/Member Liaison  
Central Texas Council of Teachers of Mathematics-co-chair Annual Conference, President  
Waco ISD Math Curriculum Committee & University High School Improvement Committee, Consultant  
Mathematics Consultant

2005 Baylor University  
Graduate Faculty  
Graduation Marshall  
University Calendar Committee Member  
University Human Resources Task Force Committee, Member  
School of Education, Scholarship and Professional Development Committee, Member  
School of Education, International Studies for Students Committee, Member  
Member Teacher Education Faculty  
Dissertation Committee Chair (3) and Member (4), School of Education  
Direct Mathematics Education Lab activities  
Participate in Baylor Receptions for Recruiting

NCTM Editorial Panel member, *Mathematics Teaching in the Middle School* journal  
Phi Delta Kappa , Baylor Chapter, VP Programs (Executive Board member)  
PDK International Regional Chapter/Member Liaison  
Central Texas Council of Teachers of Mathematics-co-chair Annual Conference, President  
Member of TX Planning Committee (and working sub-committee) SCIMAST  
Mathematics Consultant

2004 Baylor University  
Graduate Faculty  
Graduation Marshall  
University Calendar Committee Member  
University Human Resources Task Force Committee, Member  
School of Education, Scholarship and Professional Development Committee, Member  
School of Education, International Studies for Students Committee, Member  
SOE Memorable Teacher Award Committee  
Member Teacher Education Faculty  
Dissertation Committee Chair (3) and Member (2), School of Education  
Direct Mathematics Education Lab activities  
Chaired Professional Activities Committee for C & I Doctoral students  
Participate in Baylor Receptions for Recruiting

NCTM Academy Presenter; Member NCTM TAP Committee  
NCTM Regional Conference 2005 Program Committee member  
Phi Delta Kappa , Baylor Chapter, Past-President (Executive Board member)  
PDK International Regional Chapter/Member Liaison  
Central Texas Council of Teachers of Mathematics-co-chair Annual Conference, President  
Member of TX Planning Committee (and working sub-committee) SCIMAST  
Mathematics Consultant

2003 Baylor University  
Graduate Faculty  
Graduation Marshall  
University Council for Educator Preparation Committee Member

University Calendar Committee Member  
Associate/Full Professor Search Committee, Department of Curriculum & Instruction  
School of Education, Scholarship and Professional Development Committee, Member  
SOE Memorable Teacher Award Committee  
Member Teacher Education Faculty  
Chair (oversee) Curriculum Standards Database Project, School of Education  
Chair NCATE Program Report for Mathematics (Middle and Secondary Programs)  
Dissertation Committee Chair (4) and Member (3), School of Education  
Department of Curriculum & Instruction, Program Design Team Leader  
Department of Curriculum & Instruction, Mathematics Design Team Chair  
Department of Curriculum & Instruction, Grade 8-12 Design Team Chair  
Direct Mathematics Education Lab activities  
Baylor Round Table, Co-Chair of International Thanksgiving Dinner Committee, Ex. Board Member

NCTM Academy Presenter and Developer, Member NCTM TAP Committee  
NCTM Regional Conference 2005 Program Committee member  
Phi Delta Kappa, Baylor Chapter, President,  
Phi Delta Kappa International Regional Chapter Liaison  
Central Texas Council of Teachers of Mathematics-co-chair Annual Conference, President-Elect  
Reviewer of Professional Credentials for a University for Promotion Consideration to Full Professor  
Mathematics Consultant

2002 Baylor University  
Graduate Faculty  
Graduation Marshall, Spring, Fall  
University Council for Educator Preparation Committee Member  
University Calendar Committee Member  
Associate/Full Professor Search Committee, Department of Curriculum & Instruction  
School of Education, Scholarship and Professional Development Committee, Member  
Member Teacher Education Faculty  
Chair (oversee) Curriculum Standards Database Project, School of Education  
Chair NCATE Program Report for Mathematics (Middle and Secondary Programs)  
Dissertation Committee Chair (3) and Member (2), School of Education  
Graduate Exam Reader, Department of Curriculum & Instruction  
Doctoral Preliminary Exam Reader, Department of Curriculum & Instruction  
Mentor for part-time faculty, TED 4337  
Department of Curriculum & Instruction, Program Design Team Leader  
Department of Curriculum & Instruction, Mathematics Design Team Chair  
Department of Curriculum & Instruction, Grade 8-12 Design Team Chair  
Direct Mathematics Education Lab Activities

NCTM Academy Presenter and Developer Member  
ACTABS/ISAS, Accreditation Team Member, River Oaks Baptist School, Houston, TX  
Phi Delta Kappa, Baylor Chapter, Secretary, President  
Central Texas Council of Teachers of Mathematics, Co-chaired Conference  
Mathematics Consultant

2001 Baylor University  
Graduate Faculty-Full Member  
Graduation Marshall, Spring, Fall  
University Council for Educator Preparation Committee Member  
Middle School Specialists Search Committee, Department of Curriculum & Instruction  
School of Education, Center for Educational Technology Advisory Board, Member  
School of Education, Scholarship and Professional Development Committee, Member  
Member Teacher Education Faculty  
Chair (oversee) Curriculum Standards Database Project, School of Education

Caller for Recruitment of Freshman  
Assisted with ExCET Review, Department of Curriculum & Instruction  
Dissertation Committee Chair (3) and Member (1), School of Education  
Graduate Exam Reader, Department of Curriculum & Instruction  
Doctoral Preliminary Exam Reader, Department of Curriculum & Instruction  
Presentation to Dr. S. Johnsen's Graduate Class on Grant Writing (June)  
Department of Curriculum & Instruction, Program Design Team Leader  
Department of Curriculum & Instruction, Mathematics Design Team Chair  
Department of Curriculum & Instruction, Grade 8-12 Design Team Chair  
International Studies-Supervised Student Teacher Group to England, Spring  
Direct Mathematics Education Lab activities

Baylor Round Table, Co-Chair of International Thanksgiving Dinner Committee, Ex. Board Member  
Phi Delta Kappa , Baylor Chapter, Secretary, President Elect  
Central Texas Council of Teachers of Mathematics, Co- organizer of Group & Co-chair First Conference  
Mathematics Consultant

2000 Baylor University  
Graduate Faculty-Full Member  
Graduation Marshall, Spring, Summer  
University Council For Educator Preparation Committee Member  
Middle School Task Force, Member, School of Education  
Middle School Specialists Search Committee, Department of Curriculum & Instruction  
Assisted with ExCET Review, Department of Curriculum & Instruction  
School of Education, Center for Educational Technology Advisory Board, Member  
School of Education, Education Task Force, Member  
School of Education, Scholarship Support Committee, Member  
Baylor Welcome Week, Department of Curriculum & Instruction Representative  
Dissertation Committee Chair and Member, School of Education  
Graduate Exam Reader, Department of Curriculum & Instruction  
Doctoral Preliminary Exam Reader, Department of Curriculum & Instruction  
Outside Committee Member of Internship Presentations, HHPR

Baylor Round Table, Co-Chair of International Thanksgiving Dinner Committee, Ex. Board Member  
Phi Delta Kappa , Baylor Chapter, Secretary  
National Education Computing Conference, Presider, Volunteer  
International Society for Technology in Education  
Reviewed on-line National Educational Technology Standards for Teachers 2000  
Mathematics Consultant

1999 Baylor University  
Graduate Faculty-Full Member  
Graduation Marshall, Fall  
Middle School Task Force, Member, School of Education  
Assisted with ExCET Review, Department of Curriculum & Instruction  
School of Education Technology Committee, Member  
Peer Review Member, School of Education

Louisiana State University, College of Education  
University Faculty Senate Member  
Associate Member of Graduate Council  
Personnel Committee Member  
Secondary K-12 Program Committee, Department of Curriculum & Instruction  
Department of Curriculum and Instruction NCATE Committee on Coursework

Louisiana Education Research Association, University Vice-President

- Louisiana Association of Teachers of Mathematics  
Membership Chair, Chair and/or Member of Various Committees  
Baton Rouge Area Council of Teachers of Mathematics  
President, Delegate Assembly Representative, National Council of Teachers of Math  
Conference, San Francisco, CA  
Louisiana Department of Education  
Graduate Exit Exam Assessment Item Review Committee  
Louisiana State Teacher Assessment Evaluator  
Mathematics Consultant
- 1998 Louisiana State University, College of Education  
University Faculty Senate Member  
Associate Member of Graduate Council  
Personnel Committee Member  
Secondary K-12 Program Committee, Department of Curriculum & Instruction
- Louisiana Education Research Association, University Vice-President  
Louisiana Association of Teachers of Mathematics  
Membership Chair; 1998 Fall State Conference Chair, Baton Rouge, LA  
Chair and/or Member of Various Committees  
Baton Rouge Area Council of Teachers of Mathematics, President, Interim Newsletter Editor  
Louisiana Department of Education, Louisiana State Teacher Assessment Evaluator  
Mathematics Consultant
- 1997 Louisiana State University, Department of Curriculum and Instruction  
Associate Member of Graduate Council  
Mid-Semester Evaluation Committee  
Alternate Certification Committee-Secondary/K-12
- Louisiana Education Research Association, University Vice-President  
Louisiana Association of Teachers of Mathematics  
Membership Chair, Chair and/or Member of Various Committees  
Baton Rouge Area Council of Teachers of Mathematics  
President-Elect; Fall Mini-Conference Chair; Delegate Assembly Representative,  
National Council of Teachers of Math Conference, Minneapolis, MN  
Center for Scientific and Mathematical Literacy Project  
Search Committee for Site Coordinator for NSF Project  
School-To-Work Task Force  
Louisiana State Region II  
Curriculum Writing Executive Committee  
Quality Science and Mathematics Proposal Reviewer  
Louisiana Mathematics Curriculum Steering Committee  
Louisiana Department of Education, Louisiana State Teacher Assessment Evaluator  
Mathematics Consultant
- 1996 Louisiana State University Department of Curriculum and Instruction  
Selection Committee for Math/Science Fellowships  
Associate Member of Graduate Council  
Louisiana State University Laboratory School, Mathematics Instructor Search Committee
- Louisiana Education Research Association, University Vice-President  
Louisiana Association of Teachers of Mathematics, Membership Chair  
Baton Rouge Area Council of Teachers of Mathematics  
Treasurer; Conference Chair, Baton Rouge, LA  
Louisiana Department of Education, Louisiana State Teacher Assessment Evaluator

Mathematics Consultant

- 1995 Louisiana Association of Teachers of Mathematics, Membership Chair  
Association for Christian Public School Teachers and Administrators  
Editorial Board Member, Practice and Theory in Public Education  
Interim Editor of Organization's Newsletter, Salt & Light  
Baton Rouge Area Council Teachers of Mathematics  
Treasurer; Conference Registration Chair, Baton Rouge, LA  
Louisiana State Selection Committee for Presidential Award for Excellence in Teaching Mathematics and Science  
Secondary/K-12 Certification Options Committee, Louisiana State University, Department of Curriculum and Instruction, Baton Rouge, LA  
Louisiana Department of Education  
Louisiana State Teacher Assessment Evaluator
- 1993 Louisiana Association of Teachers of Mathematics  
Fall Conference Registration Chair, Baton Rouge, LA  
Louisiana Systemic Initiatives Program  
Teacher Certification Conference Member, Baton Rouge, LA  
National Teacher Training Institute Participant, Baton Rouge, LA  
Louisiana Department of Education, Louisiana State Teacher Assessment Evaluator
- 1991 National Council of Teachers of Mathematics  
Annual Conference Membership Committee, New Orleans, LA  
Textbook Adoption Committee, St. Tammany Parish, LA
- 1990 Southern Association for Colleges and Schools, Visiting Committee, Louisiana  
Textbook Adoption Committee, St. Tammany Parish, LA  
Pupil Progression Planning Committee, St. Tammany Parish, LA
- 1989 Pupil Progression Planning Committee
- 1988 St. Tammany Parish, Covington, LA
- 1986 Pupil Progression Planning Committee, Textbook Adoption Committee  
St. Tammany Parish, LA
- 1985 Pupil Progression Planning Committee, St. Tammany Parish, Covington, LA
- 1984 Textbook Adoption Committee, St. Tammany Parish, LA
- 1983 Piloted State Computer Literacy Course Curriculum Guide  
Louisiana State Department of Education  
Mathematics In-service Committee Chair, St. Tammany Parish, LA
- 1977 Textbook Adoption Committee, St. Tammany Parish, LA

**Current Professional Affiliations**

National Council of Teachers of Mathematics  
American Educational Research Association  
Association for Supervision and Curriculum Development  
Association of Mathematics Teacher Educators  
National Council of Supervisors of Mathematics  
Association of Teacher Educators  
Research Council of Mathematics Learning

Association of Women in Mathematics  
Phi Delta Kappa, International Professional Education Organization  
TODOS-Math For All  
School Science and Mathematics Association  
Women and Mathematics Education  
American Mathematical Association of Two-Year Colleges  
Benjamin Banneker Association  
Texas Council of Teachers of Mathematics  
Association of Mathematics Teacher Educators-Texas Affiliate  
Central Texas Council of Teachers of Mathematics  
Texas Association of Supervisor of Mathematics  
Kappa Delta Pi, Professional Education Honor Society  
Alpha Chi, Academic Honor Society  
Pi Mu Epsilon, Mathematics Honor Society

### **College/University Courses Taught**

#### **Baylor University**

Advanced Study of Issues in Mathematics education (graduate)  
Algebraic Thinking (graduate)  
Comparative Education (graduate)  
Critical Issues in Mathematics Education (undergraduate/graduate)  
Fundamentals of Technology (graduate)  
Independent Studies—Mathematics Education/Technology/Research/Ed Studies (undergraduate/  
graduate)  
Mathematical Immersion (graduate)  
Mathematics in the Elementary Grades (undergraduate/graduate)  
Mathematics in the Middle School (undergraduate/graduate)  
Numerical Understanding: Rational Numbers (graduate)  
Practicum In Technology (graduate)  
Resident & Content Faculty-Professional Development & Partner Schools  
Research in Mathematics Education (graduate)  
Secondary Mathematics Curriculum (undergraduate/graduate)  
Supervision of Strickland Scholars-Secondary Mathematics  
Supervision of Student Teachers  
Teaching for Understanding (graduate)  
University 1000  
\*Masters Thesis Mentor  
\*Honors Thesis Mentor  
\*Dissertation Mentor

#### **Louisiana State University**

Advanced Seminar & Practicum: Technology in Physical Science Education (graduate)  
Clinical Faculty for Secondary Mathematics Interns (graduate)  
Critical Issues in Secondary School Mathematics (graduate/undergraduate)  
Curriculum Disciplines: Mathematics (undergraduate)  
Designing & Developing the Secondary Curriculum (graduate)  
Graduate Seminar: Teach for Success: Elementary Math Instructional Focus  
Implementing Technology in the Elementary Mathematics Curriculum (graduate)  
Integrating Technology in the K-12 Mathematics Curriculum (graduate)  
Reflective Teaching: Adult Numeracy (graduate)  
Reflective Teaching in Secondary School Mathematics (graduate/undergraduate)  
Research Project in Secondary Teacher Education-Mathematics (graduate)  
Supervisor of Student Teachers in Secondary Mathematics (undergraduate)  
Technology and Mathematics Education in Middle and Secondary Schools (graduate)  
**Master Theses:** Chaired 3, Served on an additional 14 committees  
**Dissertation:** Served on 1 as committee member

University of Southern Mississippi/William Carey College  
Developmental Processes in Elementary Mathematics (undergraduate)  
Methods and Materials in Mathematics for Elementary Teachers (undergraduate)

Southeastern Louisiana University  
College Algebra (undergraduate)  
Developmental Mathematics (undergraduate)  
Intermediate Algebra (undergraduate)

**Chair of Dissertation Committees, Baylor University**

Eubank, M. (TBD). Topic: Math Self-Efficacy and Anxiety. [Doctoral Dissertation, Baylor University], ProQuest Dissertations Publishing.

Warren, M. (Expected 2024). Topic: Teacher Noticing. [Doctoral Dissertation, Baylor University], ProQuest Dissertations Publishing.

Bowen, M. (Expected 2024). Topic: Teaching Practices in Introductory Mathematics Courses. [Doctoral Dissertation, Baylor University], ProQuest Dissertations Publishing.

Payne, A. (2023). *Mathematics Teachers' Likelihood of Recommending Subject-Specific Acceleration: A Conceptual Replication Study and Mathematical Self-Efficacy Influence on the Likelihood of Recommending Mathematics Acceleration*. (Co-Chair with Dr. Todd Kettler).

Salisbury, K. (2021). *A design-based research study of school-based makerspaces in the discipline of mathematics*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations 28714986. **Received the School Science Mathematics Association 2021 Outstanding Dissertation Award.**

Shelton, R. (2020). *An examination of designing and planning for the teaching of secondary mathematics methods courses through the lens of Mathematics Teaching Practices: A multiple case study*. [Doctoral Dissertation, Baylor University]. Proquest Dissertations Publishing, 27739098. **Received the School Science Mathematics Association 2020 Outstanding Dissertation Award.**

Kerschen, K. (2018). *Secondary mathematics teacher retention: A narrative case study of experienced teachers*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations Publishing, 10838334.

Bentley, S. (2018). *Exploring the beliefs of preservice teachers: The nature and learning of mathematics and student achievement in mathematics*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations Publishing, 10788904.

Taylor, H. (2017). *A qualitative study on successful high school football coaches in Texas*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations Publishing, 10261747.

Prefume, Y. (2015). *Exploring a flipped classroom approach in a Japanese language classroom: A mixed methods study*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations Publishing, 10024278.

Gupta, D. (2014). *Early elementary student's fractional understanding: Examination of cases from a multi-year longitudinal study*. [Doctoral Dissertation, Baylor University]. [http://hdl.handle.net/2014/9162\\_3639318](http://hdl.handle.net/2014/9162_3639318).

Nelson, P. (2013). *Piano curriculum: What teachers are using and how it aligns with Jerome Bruner's enactive, iconic, and symbolic learning theory*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations Publishing, 593323.

Cooper-Twamley, S. (2009). *Action research and its impact on teacher efficacy: A mixed methods case study* [Doctoral Dissertation, Baylor University]. Dissertation Abstracts International, 3368821.

Li, W. (2006). *Analysis of the impact of a ten-year technology initiative on students' outcome*. [Doctoral dissertation, Baylor University]. Dissertation Abstracts International, 3213389.

Eddy, C. (2005). *The effects of a middle grades teacher education program on preservice teachers' choice of teaching strategies and mathematical understanding*. [Doctoral dissertation, Baylor University]. Dissertation Abstracts International, 3195295.

Meyer, R. (2005). *Lesson study: The effects on teachers and students in urban middle schools*. [Doctoral dissertation, Baylor University]. Dissertation Abstracts International, 3195279. **Received the Association of Teacher Educators 2007 Outstanding Dissertation Award.**

Riggs, E. (2003). *The effect of a function-based approach to teaching pre-algebra in a 9th-grade introduction to algebra I course*. [Doctoral dissertation, Baylor University]. Dissertation Abstracts International, 64(6), 2004.

#### **Dissertation Committee Member, Baylor University**

Jones, L. (Expected 2024). *Coaching for Questioning: A Multiple-Case Study of Middle and Secondary Mathematics Preservice Teachers*. [Doctoral Dissertation, Baylor University], ProQuest Dissertations Publishing.

Donham, M. (2023). *Opening Mathematics: A Multiple Case Study Exploring Algebra I Teachers' Selection and Implementation of Open Tasks*. [Doctoral Dissertation, Baylor University], ProQuest Dissertations Publishing.

Ritter, K. (2023). *Equitable Mathematics Teaching: An Action Research Study on Preparing Secondary Preservice Teachers for Diverse Classrooms*. [Doctoral Dissertation, Baylor University], ProQuest Dissertations Publishing.

Valdez, J. (2023). *El repertorio lingüístico—Exploring and Understanding the Mathematics Teaching Approaches of Third Through Fifth Grade Dual Language Teachers in a West Texas Elementary School: A Multiple Case Study*. Doctoral Dissertation, Baylor University], ProQuest Dissertations Publishing

Zhu, T. (2020). *An exploration of media literacy education programming in undergraduate teacher preparation institutions in the United States: Presence and practice*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations Publishing, 27830597.

Banks, S. (2019). *Strengthening pedagogical content knowledge in division of fractions through a three-part professional development series: A multiple case study*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations Publishing, 13904371.

Gasaway, J. (2018). *An investigation on the impact of modified mathematics course sequence on student's retest scores in algebra I end-of-course exam*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations Publishing, 10978063.

Pollard, C. (2018). *High school teachers' perceptions of their teacher education programs and moral challenges in teaching*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations Publishing, 10928180.

Canuteson, A. (2017). *Integrated, project-based learning and knowledge retention: A mixed methods study comparing high school students in two geometry courses*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations Publishing, 10615423.

Maki, J. (2017). *The unintended impact of inter district choice: The narrative case study of one unchosen school*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations Publishing, 10256503.

Becker, D. (2012). *AVID students' perceptions of intelligence: A mixed methods study*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations Publishing, 3510362.

McCullough, M. (2012). *Mediating meaning for individuals with Down Syndrome: A phenomenological case study*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations Publishing, 3524370.

Filkins, T. (2010). *The acquisition of electronic portfolio support staff expertise: A theoretical model*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations Publishing, 3438994.

Sizemore, C. (2010). *Voices of reform: An oral history of the impact of mathematics reform on Texas public schools: 1960-2010*. [Doctoral Dissertation, Baylor University]. ProQuest Dissertations Publishing, 3439017.

Simpson, M. (2010). *The effect team learning has on the development of creativity in a college classroom: An integrated case study*. [Doctoral Dissertation, Baylor University].

McCall, M. (2008). *Qualities of effective secondary science teachers: perspectives of university biology students*. [Doctoral Dissertation, Baylor University].

Myer, A. (2008). *Factors that predict the use of metacognitive strategies in the middle school classroom*. [Doctoral Dissertation, Baylor University].

Guevas, H. (2007). *Achieving the dream: Retention of Hispanic students in developmental math courses*. [Doctoral Dissertation, Baylor University].

Williamson, J. (2005). *The relationship between teachers' level of social interest and teacher efficacy and their degree of job satisfaction: An exploratory study*. [Doctoral Dissertation, Baylor University].

Hinds, T. (2004). *Stages of concern and factors that influence middle school teachers' computer technology use*. [Doctoral Dissertation, Baylor University].

Allen, C. (2003). *Making sense of context: An analysis of the mesosystemic influences impacting first- and second-year beginning teachers' sense of efficacy*. [Doctoral Dissertation, Baylor University].

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#### **Dissertation Committee Member, Other Universities**

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#### **Doctoral Dissertation Consultant, Other Universities**

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#### **Master's Thesis Adviser**

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#### **Undergraduate Honor's Thesis Adviser**

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