

VITA
Dr. Trena L. Wilkerson, Professor
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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
 Departmental Graduate Program Director (2013-Present)
- 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 (Peer-Reviewed)

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 for 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*.

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 for 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: I0.II77/1932202XI4562393

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. DOI:10.1080/02568543.2014.945020

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>

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.

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

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). 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

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.

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)

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*.

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

Meyer, R. & Wilkerson, T. (October 2007). Contributor to Lesson Study Working Group Paper. Organized by Hardt, L., Alston, A., Yoshido, M., & Murata, A. Lesson Study: The Impact on Teachers' Mathematical Content Knowledge. *Proceedings of the Psychology of Mathematics Education-North American Chapter*, Mexico. http://www.pmena.org/2007/Scientific_Programs.html

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*, (pp. 3227-3232). Chesapeake, VA: AACE.

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 4th 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 7th World Conference on Computers in Education*. Conference held only every five years.

Wilkerson, T.L. & Taylor, H. G. (2001). Math Link: A technology-supported professional development model for enhancing and restructuring elementary mathematics education [Abstract]. *Proceedings of the 7th World Conference on Computers in Education*. Book of Abstracts, 184.

Wilkerson, T. L. (2000). Preparing teacher candidates for the integration and implementation of appropriate technology: A triad approach. *Proceedings of the 11th 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 16th 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 15th 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. *The Different Representations of Rational Numbers* (2014). 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.
- 7 others accepted for publication and in press.

Grant Participation

Principal Investigator for Baylor University Research Committee grant. Gearing up for Transition from High School to College. **\$1700, 2015-2016.**

Principal Investigator for Baylor University Academy for Teaching and Learning grant. Co-Teaching in Middle and Secondary Schools in Florence, Italy. **\$1500, 2015.**

Principal Investigator for “ St. Paul’s/Baylor University Library and Literacy Graduate Assistantship Program” grant funded by St. Paul’s Episcopal Day School. **\$26,211, 2014-2017.**

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. 2013**

Co-PI for *GEAR UP Waco* grant, **\$11.3 million**, U.S. Department of Education, **2006-2013**. Collaboration with Waco Independent School District, BU, Texas State Technical College-Waco, McLennan County Youth Collaboration, & City of Waco.

Principal Investigator for Baylor University Arts and Humanities Faculty Research Program Grant for *Fractional Thinking in Young Children-Australia Fall 2011*, **\$1125. 2011**

Principal Investigator for Baylor University Research Committee grant for *Fractional Thinking in Young Children-Australia Fall 2011*, **\$2800. 2011**

Principal Investigator for University Teaching Development Grant, **\$1500. Education in Italy. 2011**

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

Principal Investigator for *Algebra Teacher Efficacy Instrument Development*, \$2700, Baylor University Research Committee. **2010-2011.**

PI for Geometry Research in Australia for \$4500. Funded from Baylor University’s Research Grants. **2008-09.**

Co-PI for T³ Regional Conference grant from Texas Instruments for \$6,000, **2007-08**. Collaboration with Region XII Service Center & Baylor Mathematics Department.

Co-PI for Baylor University's University Lecturer grant for \$1500. **2007**.

Collaborator & PI for *Exploring Mathematics: After School Programs* (\$16,000 for **05**) both in collaboration with McLennan County Youth Collaboration through sub-award of Texas 21st Century Community Learning Centers.(\$11,180) for **2006-07**.

Co-PI, for sub-award of *21st Century Grant* with the Department of Education for Community Learning Centers Grant. *Summer Enrichment Camps* (\$4,300) for **2006**, Consultant for **2007** both with McLennan County Youth Collaboration.

Co-Principal Investigator for *Improving Student Achievement in Mathematics Through Professional Development Partnerships* with funding of \$149,869 from Texas Education Agency in collaboration with Waco ISD for **05-07**.

Co-Principal Investigator for *Success for All Students: Addressing the Achievement Gap in Central Texas* with funding of \$3500 from Southwest Educational Development Laboratory. **2005**

Collaborator/instructor for Texas Teacher Quality grant in collaboration with BU Mathematics Department and Central Texas school districts, *Making Algebra FUNctional for TEKsans*, for \$108,189 for **05-06**.

Collaborator & content specialist for *Cool Math Literacy* Program for at-risk middle school students at Cesar Chavez Middle School in Waco ISD with funding of \$110,198 for **04-05** as a collaboration of Waco ISD and the BU Mathematics Department, The Allergan Foundation, Waco Reads, and McLennan County youth Collaboration.

Director of *Congressional Award-Math Initiative*. In collaboration with Waco ISD and GEAR UP Partnership. Funded by U. S. Congressional Award for \$40,000 during **03-04**; also funded for **05-06** for \$50,000, **06-07** for \$26,000.

Member of *Assessment Development Team* funded by the Houston Endowment Inc. (\$246,000 for **03-06**) as support for the Baylor School of Education Delta campus through the Carnegie Foundation for the Advancement of Teaching.

Co-Director of the Math Initiative of the *Gear Up Waco* grant, Math Initiative. Funded by US Department of Education for \$150,000 during **99-04**. Gear up Waco grant funded by the US Department of Education for approximately \$6 million for 1999-2004. Additional 6th year of funding received for **04-05** at \$48,500.

Collaborator on *High Performance Network Connections*, grant funded by the National Science Foundation for \$178,000. Collaboration with Baylor University Vice Provost Office, Information Technology, and Physics Department. **03-04**.

University Mathematics Educator Consultant of *Middle School Mathematics Project* during **01-03**. Funded by the US Department of Education for \$1.5 million yearly through the Southwest Educational Development Laboratory. This project is one of the central activities of a cross consortia of 8 regional Eisenhower Laboratories. Total funding for 2001-2005-\$9 million.

Principal Investigator of grant: *Problem Solving for the 21st Century* **02-03**. Funded by the Eisenhower Professional Development Higher Education Grant Program, Texas Higher Education Coordinating Board for \$79,000. Collaboration with Baylor School of Education and Midway ISD.

Co-Principal Investigator of grant *C-Cubed: Content, Collaboration, and Connectivity*. Funded by the Texas Infrastructure Fund Board's Discovery Grant Program for \$850,000 during **01-03**. Collaboration of Baylor School of Education, Department of Mathematics and the Instructional Technology Center with the Waco Independent School District.

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 **01-03** for \$25,000.

Recipient of Baylor University Faculty Development Grant award for \$1000 to support travel to Australia to IFIP meeting on teaching, **02-03**

Instructor for grant *Problem Solving for the 21st Century*. Funded by Texas Higher Education Eisenhower Program for \$74,952 with support funding from Midway ISD for \$28,993 for **01-02**. Collaboration of Tarleton University, Midway Independent School District, and Baylor University (Dept. of Curriculum & Instruction and Mathematics Department).

Consultant for Curriculum Development Grant: *Mathematics for Future Secondary Teachers* as a collaboration of four Louisiana Universities including Louisiana State University. Funded by the National Science Foundation for \$74,831 during **01-02**.

Co-Principal Investigator of grant *PK-2 Math Link: Linking Curriculum, Instructional Strategies, and Assessment to Enhance Student Achievement*. 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 for \$81,850, the West Feliciana School Board for \$80,750 and Louisiana State University in-kind support for rooms, computer labs, technology resources, and instructional materials during **99-00**.

Co-Director and Institute collaborator of grant *Bridging the GAP in Mathematics from Middle School to High School*. Funded by Eisenhower SCIMAST Professional Development Awards Program for \$100,000, the Ascension Parish School Board for \$20,000 and Louisiana State University for in-kind support of personnel time, and instructional materials during **96-00**.

Co-Principal Investigator of grant *Beyond Computer Literacy: Preparing Teachers for a Different World*. Funded by Louisiana Board of Regents for \$135,000 during **99-00**. Resigned as principal investigator due to recent employment at Baylor.

Co-Principal Investigator of grant *Bridging the Gap Between Theory and Practice in Middle and Secondary Mathematics and Science Education: Technology in Field Experiences*. Funded by the Louisiana State University Technology Fee Program for \$15,900 during **99-00**. Resigned as PI due to employment at Baylor.

Institute Collaborator for Center for Innovative Teaching and Learning Grant-*Pre-service Elementary Teacher Education: Technology Integration "Community of Scholars"*. Funded by Louisiana Board of Regents for \$70,000 in collaboration with Department of Curriculum & Instruction & Mathematics Department, Louisiana State University and East Baton Rouge Parish School District during **99-00**.

Principal Investigator of grant *Equipping the Mathematics Education Lab* for use by Pre-/In-service Teachers. Funded by the Louisiana State University Technology Fee Program for \$7,000 during **98-99**.

Co-Principal Investigator of grant *Math Link: Linking Curriculum, Instructional Strategies, and Assessment to Enhance Student Achievement*, 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 for \$133,162, the West Feliciana School Board for \$68,000 and Louisiana State University in-kind support for rooms, computer labs, technology resources, and instructional materials during **98-99**.

Institute Collaborator and Co-Director of Center for Innovative Teaching and Learning Grant-*Pre-service Elementary Teacher Education Program: A Total Community Effort*. Funded by Louisiana Board of Regents for \$180,000 in collaboration with Department of Curriculum & Instruction & Mathematics Department, Louisiana State University and East Baton Rouge Parish School District during **98-99**.

Institute Collaborator and Co-Director of grant for *Math & Science Fellowships for Pre-service Students in the*

Holmes Program. Funded by Louisiana Board of Regents for \$70,000 in collaboration with the Department of Curriculum & Instruction, Louisiana State University during **98-99**.

Co-Principal Investigator of grant *MATELT: Mathematics/Technology K-12 Leadership Teams 1997*. Funded by National Science Foundation, Louisiana Board of Regents, and the Louisiana Board of Elementary and Secondary Education through the Louisiana Systemic Initiatives Program for \$85,000, 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 during **97-98**.

Co-Principal Investigator of grant *MATELT: Mathematics/Technology K-12 Leadership Teams*, Funded by National Science Foundation, Louisiana Board of Regents, and the Louisiana Board of Elementary and Secondary Education through the Louisiana Systemic Initiatives Program for \$85,262, 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 during **96-97**.

Principal Investigator of grant *Mathematics and Technology Innovations*. Funded by Louisiana State University, College of Education for \$3,000 during **96-97**.

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

Principal Investigator of grant *Using Graphing Calculators in the Calculus Classroom*. Funded by the Louisiana Quality in Science and Mathematics Program for \$1,000 during **93-94**.

Professional Journal, Book & National Conference Reviewer

- 2015 Manuscript reviewer for *School Science Mathematics Journal, Journal of Research in Childhood Education, ZDM Mathematics Education*
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 Pre-session 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 Pre-session 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 7th Monograph for AMTE-*Mathematics Teaching: Putting Research into Practice at All Levels*
 Proposal reviewer for NCTM Research Pre-session 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 7th Monograph for AMTE-*Mathematics Teaching: Putting Research into Practice at All Levels*
 Proposal reviewer for NCTM Research Pre-session 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 7th Monograph for AMTE-*Mathematics Teaching: Putting Research into Practice at All Levels*, and proposal reviewer for NCTM Research Pre-session 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

- 2008 Cornelius-White, J. & Harbaugh, A. (2009). *Learner-Centered Instruction: Building Relationships for Student Success*. Sage Publications.
- 2007 Bidgoli, H. (Editor) (2007). *Handbook of Computer Networks*. Wiley Publishers.
- 2006 Sherman, H., Richardson, L., & Yard, G. (2009). *Teaching Children Who Struggle with Mathematics*, Pearson Merrill Prentice Hall. 2nd edition.
- 2005 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 21st Century*. 2nd edition, Pearson Education.
- 2004 Aemis, J., & Jazlin, E. (2005). *Mathematics on the Internet*, 3rd Edition, Merrill-Prentice Hall.
- 2002 Brumbaugh, D.K., Rock, D., Brumbaugh, L. S., & Rock, M. (2003). *Teaching Secondary School Mathematics*. New Jersey: Lawrence Erlbaum.

- 1999 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

- 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 13th Annual "Creations@Baylor" exhibit, April Selected to Top 100 Baylor Administration by the 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 87th 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

Publications (invited and other)

Books & Chapters (invited)

Wilkerson, T. L., Fetterly, J. M. & Wood, B. K. (November 2015). Problem Posing and Problem Solving: Using YA Literature to Develop Mathematical Understandings. In A. Nolan, J. Hayn, and J. Kaplan (Eds.) *Young Adult Nonfiction: Gateway to the Common Core*. Rowman & Littlefield Publishers. ADD CITY.

Wilkerson, T., Bryan, T. & Curry, J. (In Press). An appetite for fractions in Thiessen, D. (Ed). *Exploring Mathematics through Literature, Prekindergarten-Grade 8*. National Council of Teachers of Mathematics: Reston, VA. Accepted in 2014.

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.

Other

McHenney, R. (August 2015). *An Examination of Effective Urban Professional Learning Communities Using a Case Analysis Approach*. Baylor University Honors Thesis. Wilkerson, T. Adviser).

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.

President's Message, Central Texas Council of Teachers of Mathematics newsletter, 2014-2016.

President's Message, Association of Mathematics Teacher Educators-Texas newsletter *The Link*, 2012-2014.

- Nelson, P. (2013). *Piano Curriculum: What Teachers Are Using and How it Aligns with Jerome Bruner's Enactive, Iconic, and Symbolic Learning Theory*. Dissertation 593323 (Wilkerson, T. as adviser)
- 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>.
- Mitcham, C. (2011). *Effect of Relevant Verbalization on Symbolic Understanding*. Baylor University Honors Thesis. Wilkerson, T. Adviser).
- Wilkerson, T. (2009). *Test Bank for Elementary and Middle School Mathematics: Teaching Developmentally, 7th Edition*. (co-authored).
- Cooper-Twamley, S. (2009). Action research and its impact on teacher efficacy: A mixed methods case study *Dissertation abstracts international*, 3368821 (Wilkerson, T. as adviser)
- 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*.
- Wilkerson, T. (2008). Introducing Volume 14: Reflection Time! *Mathematics Teaching in the Middle School*, 14(1), p.3.
- Wilkerson, T. & Chappell, M. (Eds.) (April 2008). Multiple representations. Introduction to the Focus Issue. To be published in *Mathematics Teaching in the Middle School*, 13 (8).
- Wilkerson, T. (2007). Introducing Volume 13: A New Look. *Mathematics Teaching in the Middle School*, 13(1), p.3.
- Wilkerson, T. & Wood, R. (Winter 2007). *GEARing UP For Literacy and Mathematics*. Department of Curriculum & Instruction Program Feature in Baylor University School of Education publication *IMPACT*.
- Li, W. (2006). Analysis of the Impact of a Ten-Year Technology Initiative on Students' Outcome. (Doctoral dissertation, Baylor University). *Dissertation abstracts international*, 3213389(Wilkerson, T. as adviser)
- 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 (Wilkerson, T. as adviser)
- Meyer, R. (2005). Lesson Study: The Effects On Teachers and Students In Urban Middle Schools (2005). (Doctoral dissertation, Baylor University). *Dissertation abstracts international*. 3195279 (Wilkerson, T. as adviser)
- Wilkerson, T., Bryan, T., Curry, J., Ware, A. & Janiszewski, M. (2005). *GEAR UP Mathematics Initiative Curriculum for Middle School* (see grant participation).
- Riggs, E. (2003). The effect of a function-based approach to teaching pre-algebra in a 9th-grade introduction to algebra 1 course (Doctoral dissertation, Baylor University). *Dissertation abstracts international*, 64(06), 2004. (Wilkerson, T. as adviser)
- 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 The Texas State GEAR UP Project document: *Education Partners* developed by the Texas Education Agency Advanced Academic Services, 4 pages.
- 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. (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)

Contributor to the Baton Rouge Area Council of Teachers of Mathematics Newsletter 1996-1999

Contributor to the Louisiana Association of Teachers of Mathematics Newsletter, *The Number Line* 1997-1999

Contributor to the Baylor Chapter of Phi Delta Kappa Newsletter, 2002-2003

Contributor to the Central Texas Council of Teachers of Mathematics Newsletter, 2004-2006

Presentations (Invited)

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. & 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 22nd International Conference of Adults Learning of Maths. Alexandria, VA.

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 teachers. 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). *BU 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, Texas
- 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 Geometric 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,
- 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, Texas.
- Wilkerson, T. (2004, August). *Teaching Mathematics: Putting it all together*. Presented to the Magnolia School District K-12 mathematics teachers staff development meeting. Magnolia, Arkansas.
- Wilkerson, T. (2004, March). *Using the Internet in the Mathematics Classroom*. Presented at the 4th 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, Arkansas.

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 teachers 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 teachers' in-service meeting, 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 in-service meeting, Mandeville, LA.

Presentations (Peer-Reviewed)

Wilkerson, T., Gupta, D., & Kerschen, K. (November 2016). *Building a conceptual understanding of fractions through a six-week intervention in early elementary*. Poster to be presented at the Psychology of Mathematics Education-North American Chapter Annual Conference, Tuscon, AZ.

Wilkerson, T. & Clements, D. (October 2016). *Grand Challenges in Mathematics Education*. To be presented at the School Science Mathematics Annual Conference. Phoenix, AZ.

Wilkerson, T. & Kerschen, K. (October 2016). *Mini-Vignettes as a PD Approach for Developing Mathematical Teaching Practices*. To be presented at the National Council of Teachers of Mathematics 2016 Regional Conference, Phoenix, AZ.

Cooper S., Wilkerson, T., & Bryan, T. (September 2016). *Building Community with Mathematics Education Leadership*. To be presented at the Association of Mathematics Teacher Educators-Texas Fall Conference, Abilene, TX.

Wilkerson, T., Kerschen, K., & Shelton, R. (September 2016). *Supporting the Development of PreService Teachers Using Mini-Vignettes*. To be presented at the Association of Mathematics Teacher Educators-Texas Fall Conference, Abilene, TX.

Barnes, D., Wilkerson, T. & Stephan, M. (July 2016). *Examining Grand Challenges in Mathematics Education*. Presented at the 13th 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. (July 2016). *Common Observation Tool for Math Teachers Use of Formative Assessment in the U.S. and Thailand*. Paper presented at the 13th International Congress on Mathematical Education 2016, Hamburg, Germany.

Pratt, S., Eddy, C., Matney, G., Wilkerson, T., Inprasitha, M., Inprasitha, N., Srichompoo, S., Changsri, N., Kadroon, T., & Moonpoo, P. (July 2016). *Facilitating Teachers' Instruction to Elicit Student Processes in Thinking of Mathematics*. Paper presented at the 13th International Congress on Mathematical Education 2016, Hamburg, Germany.

Wilkerson, T., Musgrove, M. & Sandager, A. (June 2016). *Be a Mathematician! Discovering Math Through*

- Problem Solving*. Presented at the Conference for the Advancement of Mathematics Teaching, San Antonio, TX.
- Wilkerson, T. & Shelton, R., & Samuel, A. (April 2016). *Facilitating Algebraic Thinking Development with Appropriate Tools and Technology*. Presented at the National Council of Teachers of Mathematics Annual Meeting, San Francisco, CA.
- McHenney, R. & Wilkerson, T. (February 2016). *Successful PLCs: What is the Role of Accountability?* Presented at the Association of Teacher Educators Annual Conference, Chicago, IL.
- Wilkerson, T., Wood, R., Amos, E., Posey, Z. & McHenney, R. (February 2016). *Extending PST Opportunities Beyond the US Classroom: What they learn-what we learn*. Presented at the Association of Teacher Educators Annual Conference, Chicago, IL.
- Gupta, D., Wilkerson, T., & Jasper, W. (February 2016). *Refining and Validating of Algebra Teacher Efficacy Instrument*. Presented at the Southwest Education Research Association, New Orleans, LA.
- Wilkerson, T & Kerschen, K. (January 2016). *Supporting the Development of Secondary PSTs Using Mini-Vignettes and Student Work*. Presented at the Association of Mathematics Teacher Educators Annual Conference, Irvine, CA.
- Wilkerson, T. & Kerschen, K. (November 2015). *Real Problem Solving Adventures!* Presented at the National Council of Teachers of Mathematics Regional Conference, Nashville, TN.
- Gupta, D., Jasper, W, Wilkerson, T., Quebec Fuentes, S., Cooper, S., & Mallam, W. (November 2015). *Development and Validation of Algebra Teachers' Self-efficacy Instrument*. Presented at the School Science Mathematics Association Annual conference in Oklahoma. Note: Not able to attend but contributed to research presented.
- Wilkerson, T. & Kerschen, K. (September 2015). *Engaging Learners and Realizing the Development of Mathematical Practices*. Presented at the Association of Mathematics Teacher Educators-TX Fall Conference, Stephenville, TX.
- Wilkerson, T. L., Samuel, A. (June 2015). *GEARING UP for Tasks that Engage Learners in Mathematical Practices*. Presented at the Conference for the Advancement of Mathematics Teaching, Houston, 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. (April 2015). *Modifying Lesson Study for implementation in the US: can it provide critical professional development for mathematics teachers?* Paper presented at the American Education Research Association Conference in Chicago, IL as part of a symposium, Adoption or Adaptation: Lesson Study in Mathematics.
- Wilkerson, T., Kerschen, K., & Samuel, A. (April 2015). *Engaging Learners and Realizing the Development of Mathematical Practices*. Presented at the National Council of Teachers of Mathematics Conference. Boston, MA.
- Stephan, M., Chval, K., Fish, M., & Wilkerson, T. (April 2015). *Grand Challenges in Mathematics Education*. Presented at the National Council of Teachers of Mathematics Annual Conference, Boston, MA.
- Cooper, S., Wilkerson, T. & Perry, D. (February 2015). *Building Community with Mathematics Education Leadership Partners*. Presented at the Association of Mathematics Teacher Educators in Orlando, FL.
- Wilkerson, T. (November 2014). *Realizing the Development of Mathematical Practice in Higher Education*. Presented at the National Council of Teachers of Mathematics Regional Conference, Houston, TX.

Wilkerson, T., Gupta, D., & Thornhill, A. (April 2014). *Making Mathematics A Habit!* Presented at the National Council of Teachers of Mathematics Conference in New Orleans, LA.

Rogers, R., Rogers, D., & Wilkerson, T. (April 2014). *Augmented Reality Takes Students to the Real World of Mathematics.* Presented at the National Council of Teachers of Mathematics Conference in New Orleans, LA.

Wilkerson, T. (April 2014). *Windows of Opportunity for Developing Knowledge for Teaching Mathematics: A Study of a High School Geometry Class in The US.* Paper presented at the American Education Research Association Conference in Philadelphia, PA as part of a symposium, Two Tales of One Format: Examinations of Lesson Studies in the US and China.

Wilkerson, T. (February 2014). *Mathematical Immersion: Paralleling Experiences of Instructor and Graduate Students.* Presented at the Annual Research Council on Mathematics Learning Conference. San Antonio, TX.

Eddy, D., Kuehnert, E., Matney, G., Olson, M., Pratt, S. & Wilkerson, T. (February 2014). *A Bilateral, International Research Network for Algebraic Reasoning.* Presented at the Annual Research Council on Mathematics Learning Conference. San Antonio, TX.

Wilkerson, T. & Baker, B. R. (February 2014). *Expanding Field Experiences from the U.S. to Australia: Engaging PSTs in Research on Student Learning.* Presented at the Association of Mathematics Teacher Educators. Irvine, CA.

Wilkerson, T. (November 2013). *Assessing Student Understanding of Fractions: An Interview Protocol for Teachers.* Presented at the National Council of Teachers of Mathematics Regional Conference in Louisville, KY.

Corp, A., Gupta, D., & Wilkerson, T. (November 2013). *Pre-service Teachers' Learning about Teaching Fractions.* Presented at the School Science Mathematics Association Annual conference in San Antonio, TX.

Wilkerson, T., Johns, B., Rogers, R., Nelson, P. (November 2013). *GEARING UP For Success: A Partnership to Support Student and Teacher Learning.* Presented at the School Science Mathematics Association Annual conference in San Antonio, TX.

Gupta D. & Wilkerson, T. (November 2013). *Understanding Fractions is Possible: Looking at Cases from a Longitudinal Study.* Presented at the School Science Mathematics Association Annual conference in San Antonio, TX.

Rogers, D., Haugh, S. J., Rogers, R., Wilkerson, T. (November 2013). *Augmented Reality: Invite Iron Man and the Terminator to Your Classroom.* Presented at the School Science Mathematics Association Annual conference in San Antonio, TX.

Wilkerson, T., Quebec-Fuentes, S., & Cooper, S. (April 2013). *Does What We Believe about Algebra Really Matter?* Presented at the National Council of Teachers of Mathematics Annual Conference in Denver, CO.

Meyer, R., Spruill, S., & Wilkerson, T. (April 2013). *What's So Cool about Sierpinski?* Presented at the National Council of Teachers of Mathematics Annual Conference in Denver, CO.

Jasper, W. & Wilkerson, T. (February 2013). *A Framework for Algebra Teacher Efficacy.* Paper presented at the Southwest Educational Research Association in San Antonio, TX.

Wilkerson, T., Hodge, K., Tang, A., Luevanos, A., & Thornton, B. (February 2013). *Teaching and Learning for Understanding: An Approach for Lifelong Learning for All.* Presented at the Association of Teacher Educators Annual Conference in Atlanta, GA.

Wilkerson, T. (February 2013). *TODOS: Mathematics for ALL, An Equity Organization.* Presented at the Central Texas Council of Teachers of Mathematics annual conference in Waco, TX.

Wilkerson, T. & Gupta, D. (October 2012). *Making Mathematics A Habit!* Presented at the National Council of Teachers of Mathematics Regional Conference in Dallas, TX.

Gupta, D. & Wilkerson, T. (October 2012). *Hooking Students on Algebra: Activities that Make it Fun.* Presented at the National Council of Teachers of Mathematics Regional Conference in Dallas, TX.

Baker, B., Sharp, P., Wilkerson, T. & Haugh, S. J. (October 2012). *Grades K-3 Fraction Learning Lessons: A Partnership in Teacher Education.* Presented at the National Council of Teachers of Mathematics Regional Conference in Dallas, TX.

Corp, A. & Wilkerson, T. (October 2012). *Understanding Fractions Through Literature.* Presented at the American Association for Teaching and Curriculum Annual Conference in San Antonio, TX. (Presentation made by Corp).

Gupta, D. & Wilkerson, T. (July 2012). *Mathematical Immersion for Facilitating Development of Mathematical Habits of Mind.* Presented at the Conference for the Advancement of Mathematics Teaching in Houston, TX.

Wilkerson, T. & Meyer, R. (April 2012). *TAG! Using Technology to address student understanding in Algebra and Geometry.* Presented at the National Council of Teachers of Mathematics Conference in Philadelphia, PA.

Wilkerson, T., Gupta, D., Sharp, P., & Baker, B. (February 2012). *University K-12 School Partnerships: Informing Program Development in Teacher Education.* Presented at the Association of Teacher Educators Annual Conference in San Antonio, TX.

Gupta, D., Wilkerson, T., Cooper, S., & Meyer, R. (February 2012). *Reflective Teaching Practices: Facilitating Research for Teaching.* Presented at the Association of Teacher Educators Annual Conference in San Antonio, TX.

Wilkerson, T. (February 2012). *Exploring a Communication Structure for Connecting AMTE Members.* Presented at the Association of Mathematics Teachers Educators Annual Conference in Fort Worth, TX.

Eddy, C., Fuentes, S., Sorto, A., Cooper, S., Parker, Y., Wilkerson, T., Mallam, W., & Ward, E. (February 2012). *Algebra: Crossroads Between Educational Policy, Teacher Education, and teacher self-efficacy.* Presented at the Association of Mathematics Teachers Educators Annual Conference in Fort Worth, TX.

Wilkerson, T. (November 2011). *Supporting the Development of Mathematical Habits of Mind through Mathematical Immersion.* Presented at the School Science Mathematics Association Annual conference in Colorado Springs, CO.

Gupta, D., Wilkerson, T., & Cooper, S. (November 2011). *An Examination of Teaching Models: Exploring Elementary Students' Fractional Understanding.* Presented at the School Science Mathematics Association Annual conference in Colorado Springs, CO.

Wilkerson, T. (October 2011). *Making Mathematics A Habit!* Presented at the National Council of Teachers of Mathematics Regional Conference, St. Louis, MO.

Wilkerson, T. (October 2011). *Making Mathematics A Habit!* Presented at the National Council of Teachers of Mathematics Regional Conference, Atlantic City, NJ.

Wilkerson, T. (October 2011). *Examining Geometric Thinking in Young Children: The Shape of Things!* Presented at the National Council of Teachers of Mathematics Regional Conference, Atlantic City, NJ.

Wilkerson, T., Harvill, M., & Lloyd, T. (July 2011). *Gear Up Waco: Teacher Development Opportunities Connecting Math, Science, Engineering and Technology.* Presented at the annual NCCEP/ GEAR UP National Conference, San Francisco, CA.

- Wilkerson, T., Fuentes, S., Jasper, B., Mallam, W., Cooper, S., Ward, E., & Taylor, J. (July 2011). *Development of an Algebra Teacher Self-Efficacy Instrument*. Presented at the annual Conference for the Advancement of Mathematics Teaching. Grapevine, TX.
- Wilkerson, T., Fuentes, S., Eddy, C., Cooper, S., Mallam, W., Taylor, J., & Jasper, B. (April 2011). *Development of an Algebra Teacher Self-Efficacy Instrument*. Poster session. Presented at the National Council of Teachers of Mathematics Research Pre-session. Indianapolis, IN.
- Meyer, R., & Wilkerson, T. (February 2011). *Windows of Opportunity: How Lesson Study Supports Improvement in Teaching*. Presented at the Association of Teacher Educators. Orlando, FL.
- Bentley, S. & Wilkerson, T. (February 2011). *Early Grade Fractional Understanding: Discrete versus Continuous Models*. Presented at the Southwest Educational Research Association Annual Meeting. San Antonio, TX.
- Wilkerson, T., Fuentes, S., Ward, E., Jasper, B., Taylor, J. (February 2011). *Development of an Algebra Teacher Self-Efficacy Instrument*. Presented at the Southwest Educational Research Association Annual Meeting. San Antonio, TX.
- Wilkerson, T. & Gupta, D. (February 2011). *An Examination of Fractional Understanding in Second Graders: A Mixed Methods Approach*. Presented at the Southwest Educational Research Association Annual Meeting. San Antonio, TX.
- Wilkerson, T., Cooper, S., Meyer, R., & Baker, B. (January 2011). *Effect of Lesson Implementation, Assessment of Student work and Reflection on PSTs Understanding of Fractions*. Presented at the Association of Mathematics Teacher Educators. Irvine, CA.
- Sharp, P., Baker, B., & Wilkerson, T. (January 2011). *Engaging Undergraduates in Collaborative Research: A Model for Early Professional Development*. Presented at the Hawaii International Conference on Education. Honolulu, HI.
- Meyer, R., Wilkerson, T., Casas, M., & Perales, O. (October 2010). *Algebraic Equations and Water: What a Combination!* Presented at the National Council of Teachers of Mathematics Regional Conference. New Orleans, LA.
- Wilkerson, T., Baker, B., Cooper, S., Montgomery, M., & Cox, P. (October 2010). *Understanding Fractions: A key 'Part' to a 'Whole' Mathematical Experience*. Presented at the National Council of Teachers of Mathematics Regional Conference. New Orleans, LA.
- Mullins, M., Wilkerson, T., Schell, N., Hernandez, C., & Kattner-Allen, C. (July 2010). *GEAR UP Waco-Making Hands-On Connections in Math, Science and Technology*. Presented at the NCEP/ GEAR UP National Conference, Washington, D.C.
- Wilkerson, T. & Mitcham, C. (July 2010). *Stirring Up Things with Technology*. Presented at the Conference for the Advancement of Mathematics Teaching. San Antonio, TX.
- Wilkerson, T., Baker, B., Sandefur, J., Fowler, K., & Macari, A. (April 2010). *Geometric Thinking in Young Children: An International Research Perspective*. Presented at the National Council of Teachers of Mathematics Annual Meeting, San Diego, CA.
- Meyer, R., Price, G., Wilkerson, T. (April 2010). *Making Connections with Technology, Geometry, and Algebra*. Presented at the National Council of Teachers of Mathematics Annual Meeting, San Diego, CA.
- Sharp, P., Baker, B., & Wilkerson, T. (March 2010). *Transforming Teacher Education with Field Experiences that Involve Teacher Candidates in Collaborative Research*. Presented at the National Association of Professional Development Schools, Orlando, CA.

Meyer, R. & Wilkerson, T. (March 2010). *Making Mathematical Connections: Pre-service Teachers in PDS Classrooms Experience Standards-Based Instructional Lessons*. Presented at the National Association of Professional Development Schools, Orlando, CA.

Wilkerson, T., Rodgers, J., Davis, M., Zandstra, A. & Emke, J. (February 2010). *Choosing to Teach for Understanding: A Positive Action to Ensure the Success of PK-12 Students*. Presented at the Association of Teachers Educators, Chicago, IL.

Wilkerson, T., Cady, J., Meier, S., Meyer, R., Strunk, K., & Baker, B. (January 2010). *Developing and Sustaining University/K-12 Partnership*. Presented at the Association of Mathematics Teacher Educators Annual Conference, Irvine, CA.

Cooper, S., Meyer, R., & Wilkerson, T. (January 2010). *Engaging Preservice Teachers in the Analysis of Children's Thinking*. Presented at the Association of Mathematics Teacher Educators Annual Conference, Irvine, CA.

Wilkerson, T., Sandefur, J., & Baker, B. (October 2009). *Examining Geometric Thinking in Young Children: A Study in Australia*. Presented at the School Science Mathematics Association Annual conference in Reno, NV.

Wilkerson, T., Cooper, S., Twamley, S., Baker, B., Sharp, P., (April 2009). *Developing Fractional Thinking in Early Grades: Do Models and Varied Representations Matter?* Presented at the National Council of Teachers of Mathematics Annual Meeting, Washington, DC.

Wilkerson, T. (As part of the MTMS Panel). (April 2009). *Teaching for Understanding with Mathematics Teaching in the Middle Grades (MTMS)*. Presented at the National Council of Teachers of Mathematics Annual Meeting, Washington, DC.

Poehl, T & Wilkerson, T. (April, 2009). *Anno's Link to Numeracy and Spatial Awareness through Literacy*. Presented at the National Council of Teachers of Mathematics Annual Meeting, Washington, DC.

Hollebrands, K., Peterson, B., Wilkerson, T., & Berry, R. (April 2009). *Publishing Your Results in the NCTM School-based Journals*. Presented at the National Council of Teachers of Mathematics Research Pre-Session, Washington, DC.

Steele, M., Jansen, A., Flores, A., Newton, K., & Wilkerson, T. (April 2009). *Math Experiences for Math Educators: Exploring Open Mathematical Spaces*. Presented at the National Council of Teachers of Mathematics Research Pre-Session, Washington, DC.

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*. Presented at the Association for Childhood Education International Conference, Chicago, IL.

Wilkerson, T., Baker, B.R., & Sharp, P. T. (2009, March) *A Study of Fractional Understanding in Early Grades: A Partnership in Teacher Education*. Presented at the Association for Childhood Education International Conference, Chicago, IL.

Wilkerson, T., Meyer, R., Barber, R. (February 2009). *Expanding Educational Horizons through Community Partnerships that Support Teacher Preparation*. Presented at the Association of Teacher Educators Annual Conference, San Diego, CA.

Wilkerson, T., Cooper, S. Montgomery, M., & Baker, B.(2009, February). *Effects of Participation on Pre-Service Teachers' Mathematical and Pedagogical Content Knowledge*. Presented at the Association of Mathematics Teacher Educators, Orlando, FL.

Wilkerson, T. (2008, October). *Hot TAMaLE: Technology, Art, Mathematics and Literacy Everywhere*. Presented at the National Council of Teachers of Mathematics Regional Conference, Oklahoma City, OK

- Wilkerson, T. & Cooper, S. (2008, July). *Achieving Excellence through Understanding Fractions: Discrete or Continuous? That is the Question!* Presented at the Conference for the Advancement of Mathematics Teaching, Dallas, TX.
- Wilkerson, T. & Meyer, R. (2008, April). *Looking for Math in All the Right Places! Making Connections*. Presented at the National Council of Teachers of Mathematics Conference, Salt Lake City, UT.
- Wilkerson, T., Smith, S. & Agranoff, P. (2008, April). *Supporting Mathematical Communication in your Classroom with Mathematics Teaching in the Middle School*. Presented at the National Council of Teachers of Mathematics Conference, Salt Lake City, UT.
- Meyer, R. & Wilkerson, T. (2008, April). *Learning from Lesson Study*. Presented at the National Council of Teachers of Mathematics Conference, Salt Lake City, UT.
- Wilkerson, T., Myers, A., & Hull, D. (2008, March). *Analysis of Problem Solving Strategies for Project PRIME (Promoting Rigorous Instruction in Mathematics Education) Participants*. Poster session presented at the American Educational Research Association Annual Conference, New York City, NY.
- Eddy, C., Byrd, J., Richardson, C., & Wilkerson, T. (2008, March). *General versus Mathematics Preservice Teacher Efficacy*. Poster Session presented at the American Educational Research Association Annual Conference, New York City, NY.
- 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*. Presented at the Association of Teacher Educators Annual Conference, New Orleans, LA.
- Meyer, R. & Wilkerson, T. (2008, February). *Pre-service Teachers Engaged in Best Practices Through Lesson Study*. Presented at the Association of Teacher Educators Annual Conference, New Orleans, LA.
- 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*. Presented at the Association of Mathematics Teacher Educators, Tulsa, OK.
- Wilkerson, T., Johns, B. & Hutchison, K. (2007, November). *Partnerships that Affect Mathematical Content Knowledge of Teachers to Impact Student Understanding*. Presented at the School Science Mathematics Association Conference, Indianapolis, IN.
- Wilkerson, T., Balka, D., & Ramirez, N. (2007 November). *Writing the NCTM Journals: Discussions with Panel Editors*. Presented at the National Council of Teachers of Mathematics Regional Conference, Houston, TX.
- Wilkerson, T. & Bryan, T. (2007 November). *Do You Have Math In Your Bones?* Presented at the National Council of Teachers of Mathematics Regional Conference, Houston, TX.
- Wilkerson, T., Montgomery, M., Sykes, J., Toomes, D., Solomon, E. (2007, November). *Participate in Live Lesson study as Students Learn Proportions*. Presented at the National Council of Teachers of Mathematics Regional Conference, Houston, TX.
- Wilkerson, T. (2007, June). *Writing for the NCTM Journal: Tips & Discussion with Editors*. Presented to the Conference for the Advancement of Mathematics Teaching, San Antonio, TX
- Baker, B.R., Sharp, P. T., Wilkerson, T. (2007, May) *Transformative Learning: Responses of Body, Mind, Emotions and Spirit*. Presented at the Association for Childhood Education International Conference, Tampa, FL.
- 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*. Presented at the Research Pre-Session of the National Council of Teachers of Mathematics Conference. Atlanta, GA.
- Wilkerson, T. & Twamley, S. (2007, March). *Leadership through Partnerships*. Presented at the Phi Delta Kappa International Regional Leadership Conference, Denver, CO.
- Reeves, A., & Wilkerson, T. (2007, March). *Laugh and Learn! Use Mathematics Teaching in the Middle School*. Presented at the National Council of Teachers of Mathematics Conference, Atlanta, GA.

- Wilkerson, T., Curry, J., & Meyer, R. (2007, March). *Let's Make a Deal!* Presented at the National Council of Teachers of Mathematics Conference, Atlanta, GA.
- MTMS Journal Editorial Panel (Wilkerson as member). (2007, March). *Writing for the NCTM Journals*. Presented at the National Council of Teachers of Mathematics Annual Conference. Atlanta, GA.
- Lawrence, A., Yamagata, C., Wilkerson, T. (2007, March). *Using the MTMS Journal in the Classroom*. Presented at the National Council of Teachers of Mathematics Annual Conference. Atlanta, GA.
- Meyer, R., Conaway, B., Wilkerson, T. (2007, February). *Pre-Service and In-Service Teachers Collaborate Through Lesson Study*. Presented at the Association of Teacher Educators, San Diego, CA.
- Wilkerson, T., Eddy, C., & Cooper, S. (2007, January). *Supporting Teacher Educator Learning through Lesson Study: A Cross Institution Model*. Presented at the Association of Mathematics Teacher Educators Conference. Irving, CA.
- Wilkerson, T., Bryan, T., & Curry, J. (2006, April). *It's all in your perspective*. Presented at the National Council of Teachers of Mathematics Annual Conference. St. Louis, MO.
- MTMS Journal Editorial Panel. (2006, April). *Writing for the NCTM Journals*. Presented at the National Council of Teachers of Mathematics Annual Conference. St. Louis, MO.
- Lawrence, A., Yamagata, C., Wilkerson, T. (2006, April). *Using the MTMS Journal in the Classroom*. Presented at the National Council of Teachers of Mathematics Annual Conference. St. Louis, MO.
- Wilkerson, T., Baker, B.R., & Sharp, P.T. (2006, April). *Examining geometric thinking in kindergartners: A partnership in a collaborative culture*. Presented at the Association for Childhood Education International Conference, San Antonio, TX.
- Kamen, M., Junk, D., & Wilkerson, T. (2006, March). *Lesson study in higher education: Implementing Japanese lesson study among elementary methods instructors*. Presented at the Central Texas Council of Teachers of Mathematics Annual Conference, Waco, TX.
- Wilkerson, T., Eddy, C., Meyer, R., & Cooper-Twamley, S. (2006, January). *Success for all students: Partnership efforts to close the achievement gap in mathematics*. Presented at the Holmes Partnership Tenth Annual Conference. Chicago, IL.
- Wilkerson, T., Baker, B.R., & Sharp, P.T. (2006, January). *Examining geometric thinking in kindergartners: A partnership in a collaborative culture*. Presented at the Hawaii International Conference on Education. Honolulu, Hawaii.
- 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*. Presented at the School, Science, Mathematics Association Annual Conference, Dallas.
- Wilkerson, T., Meyer, R., Montgomery, M., Fields, L. (2005, July). *Addressing student achievement in mathematics through collaborative professional development*. Presented at the National Council for Community and Education Partnerships Conference, Washington, D.C.
- Wilkerson, T. (2005, April). *Geometry for all: Supporting second language learners in geometric thinking*. Presented at the National Council of Teachers of Mathematics Annual Conference. Anaheim, CA
- Eddy, C. & Wilkerson, T. (2005, April). *Analysis of coursework and field experience impact on preservice middle school mathematics teachers*. Poster session presented at the National Council of Teachers of Mathematics Annual Research Pre-Session Conference: Anaheim, CA.
- Bryan, T., Curry, J. & Wilkerson, T. (2005, April). *Boxes, Buildings, and Bathtubs Analyzing area and perimeter*. Presented at the National Council of Teachers of Mathematics Annual Conference. Anaheim, CA
- Flick, J., Wilkerson, T. & Knighten, L. (2005, April). *Exploring geometric thinking through 2- & 3-dimensional*

shapes. Presented at the National Council of Teachers of Mathematics Annual Conference. Anaheim, CA

Wilkerson, T., Meyer, R., Montgomery, M., Fields, L. (2005, March). *Addressing student achievement in mathematics through collaborative professional development*. Presented at the Texas GEAR UP annual conference

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

Eddy, C. & Wilkerson, T. (2005, January). *The Effect of University Course Work and Field Experience on Pre-service Middle School Mathematics Teacher's Preferred Teaching Style*. Presented at the Association of Mathematics Teacher Educators 9th Annual Conference. Dallas, TX.

Wilkerson, T. & Meyer, R. (2004, November). *From counting to place value—Let's conserve!* Presented at the National Council of Teachers of Mathematics Southern Regional Conference. New Orleans, LA.

Eddy, C. & Wilkerson, T. (2004, July). *Video conferencing for engaging mathematics teachers in meaningful conversations*. Presented at the Conference for the Advancement of Mathematics Teaching. San Antonio, TX.

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

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*. Presented at the Annual Association of Teacher Educators Conference, Dallas, TX.

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

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*. Presented at the Holmes Partnership Eight Annual Conference. San Diego, CA.

Wilkerson, T. & Bryan, T. (2003, July). *Middle school Mathematics Initiative: Connecting professional development and student engagement to increase student achievement*. Presented at the National Council for Community and Education Partnerships Conference, Washington, D.C.

Wilkerson, T., Rogers, D., & Meyer, R. (2003, July). *Multiple platform videoconferencing to support mathematics instruction*. Presented at the National Educational Computing Conference, Seattle, Washington.

Riggs, B. & Wilkerson, T. (2003, April). *The effect of a function-based approach to teaching pre-algebra in a 9th grade introduction to algebra I course*. Poster Session presented at the National Council of Teachers of Mathematics Research Pre-session. San Antonio, TX.

Wilkerson, T. (February, 2003). *Investigations of changes in levels of teacher efficacy and relationships to teaching concerns among secondary level Holmes Program Interns*. Presented at the 7th Annual Conference of the Holmes Partnership. Washington, D.C.

Wilkerson, T., Bryan, T., & Curry, J. (2002, July). *Eating your way through fractions*. Presented at the Conference for the Advancement of Mathematics Teaching, Dallas, TX.

Smith, K. & Wilkerson, T. L. (2002, July). *Problem solving for the 21st century*. Presented at the Conference for the Advancement of Mathematics Teaching, Dallas, TX.

- Wilkerson, T. L., Rogers, D., Delafield, L., Zhang, B., & Emley, C. (2002, June). *Multiple platform videoconferencing to support teacher education and professional development*. Presented at the National Educational Computing Conference, San Antonio, TX.
- Wilkerson, T. L. (2002, April). *Developing geometric thinking*. Presented at the National Council of Teachers of Mathematics 80th Annual Meeting, Las Vegas, NV
- Curry, J., Bryan, T. & Wilkerson, T. L. (2002, April). *Math in your bones: Middle School focus on developing proportional reasoning and functions*. Presented at the National Council of Teachers of Mathematics 80th Annual Meeting, Las Vegas, NV
- Conaway, B. & Wilkerson, T. (2002, February). *Support strategies that influence novice teacher's development*. Presented at the American Association of Colleges for Teacher Education 54th annual meeting as part of a symposium on *The use of formative assessment and a support system to foster growth in new teachers*, New York.
- Conaway, B., Wilkerson, T. & Allen, C. (2002, February). *Factors that influence the growth of novice teachers*. Presented at the Association of Teachers Educators 82nd annual meeting, Denver, CO.
- Bryan, T., Johns, B., & Wilkerson, T. (2002, January). *Redesigning effective mathematics preparation in a teacher education program: Bringing together multiple perspectives*. Presented at the Association of Mathematics Teacher Educators 6th Annual Conference, San Antonio, TX.
- Wilkerson T.L. (2001, November). *Fractional thinking*. Presented at the Louisiana Association of Teachers of Mathematics Annual Fall Conference, Alexandria, LA.
- Wilkerson T.L. & Delafield. L. (2001, October). *Creating digital books to address math and language arts*. Presented at the TAIR (Reading) Conference, Baylor University, Waco, TX.
- Wilkerson, T. L. (2001, July). *Using centers and children's literature to encourage geometric thinking*. Presented at the Conference for the Advancement of Mathematics Teaching, San Antonio, TX.
- Curry, J., Bryan, T., & Wilkerson, T. L. (2001, July). *Do you have math in your bones?* Presented at the Conference for the Advancement of Mathematics Teaching, San Antonio, TX.
- Wilkerson, T. L. & Delafield, L. (2001, June). *Creating digital books to develop PK-2 math concepts*. Presented at the 22nd Annual National Educational Computing Conference, Chicago, IL.
- Wilkerson, T. L. (2001, April). *Design and implementation of a successful system-wide professional development model: Linking curriculum, instruction, assessment, and technology*. Poster session presented at the National Council of Supervisors of Mathematics Annual Conference, Orlando, FL.
- Wilkerson, T. L. (2000, October). *Digital technology, children's literature and middle school mathematics*. Presented at the TAIR (Reading) Conference, Baylor University, Waco, TX.
- Wilkerson, T. L. (2000, June). *Using technology to support pre-service teachers*. Presented at the 21st Annual National Educational Computing Conference, Atlanta, GA.
- Wilkerson, T. L. (2000, May). *Integrating technology into the teaching and learning of middle school mathematics*. Poster-session presented at the NSF Show-Me Center Conference on Middle School Mathematics Teacher Preparation, Branson, MO.
- Wilkerson, T. L. (2000, March & April). *Performance-based assessment*. Presented at the National Council of Teachers of Mathematics 78th Annual Meeting, Chicago, IL and the National Council of Teachers of Mathematics Regional Conference, Mobile, AL.
- Wilkerson, T. L. (1999, October). *Assessment practices in mathematics*. Presented at the Louisiana Association of

Teachers of Mathematics Annual Fall Conference, New Orleans, LA.

Wilkerson, T. L. (1999, October). *Math Link: Exploring numbers sense*. Presented at the Louisiana Association of Teachers of Mathematics Annual Fall Conference, New Orleans, LA.

Wilkerson, T. L. (1999, October). *Problem-solving in middle school mathematics*. Presented at the Central Texas League of Middle School Conference, Waco, TX.

Wilkerson, T. L. (1999, April). *A successful model in teacher education for integrating technology in the teaching and learning of mathematics: Challenges & issues*. Presented at the Teaching in Higher Education (THE) Forum, Louisiana State University, Baton Rouge, LA.

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

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

Wilkerson, T. L., & Stewart, M. L. (1998, April). *Developing local leadership teams to promote mathematics reform*. Presented at the National Council of Teachers of Mathematics 76th Annual Conference, Washington, D.C.

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

Wilkerson, T. L. (1997). *K-6 Software for making charts and analyzing data*. Presented at the Annual Conference of the Louisiana Computer Using Educators, Monroe, LA and Annual Conference of the Louisiana Association of Teachers of Mathematics, Shreveport, LA.

Wilkerson, T. L., & Lamy, E. (1997). *Using the CBLs to analyze data*. Presented at the Annual Conference of the Louisiana Association of Teachers of Mathematics, Shreveport, LA.

Wilkerson, T. L., Miller, B., Folse, F., Chick, R., Duhon, P., Creel, M., & Martin, J. (1997). *Mathematical modeling using the graphing calculator and CBLs*. Mini-Course presented at the National Council of Teachers of Mathematics Southern Regional Conference, New Orleans, LA.

Wilkerson, T. L. (1997). *Reflective teaching of adult numeracy*. Presented at the Adult Numeracy Annual Conference, Minneapolis, MN.

Wilkerson, T. L. & Taylor, H. G. (1996). *Practical software for transforming a geometry classroom*. Presented at the Louisiana Association of Computer Using Educators Annual Conference, Baton Rouge, LA.

Wilkerson, T. L. & Folse, F. (1996). *Math software for middle/high school classes*. Presented at the Louisiana Association of Computer Using Educators Annual Conference, Baton Rouge, LA.

Wilkerson, T. L. (1996). *Using the graphing calculator and probes to make connections*. Presented at the Annual Conference of the Louisiana Association of Teachers of Mathematics, Alexandria, LA and the Baton Rouge Area Council of Teachers of Mathematics Annual Conference, Baton Rouge, LA.

Wilkerson, T. L. (1996). *Discovery through the use of Geometer's Sketchpad*. Presented at the annual conference of the Louisiana Association of Teachers of Mathematics, Alexandria, LA.

Wilkerson, T. L. (1996). *Teaching efficacy and teaching styles of secondary mathematics teachers*. Paper presented at the Annual Meeting of the American Education Research Association, New York.

Wilkerson, T. L., Miller, B., Wuensch, B., Martin, J., Creel, M., Liter, J., Jones, S., & Dudley, D. (1995).

Mathematical connections using calculator-based laboratories. Presented at the Annual Meeting of the Louisiana Association of Teachers of Mathematics, Lafayette, LA.

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

Wilkerson, T. L. (1995). *Public funding of private schools: An analysis of the Supreme Court's view of funding parochial schools with public funds.* Paper presented at the Annual Meeting of the Southwest Educational Research Association, Dallas, TX.

Wilkerson, T. L. (1995). *An examination of teaching efficacy and teaching styles of secondary mathematics teachers in south-central Louisiana.* Paper presented at the annual meeting of the Louisiana Education Research Association, New Orleans, LA.

Wilkerson, T. L. (1994). *Developing graphing calculator activities.* Presented at the Baton Rouge Area Council of Teachers of Mathematics Mini-Conference, Baton Rouge, LA.

Wilkerson, T. L. (1991). *Mathematics and the literature connection.* Presented at the Louisiana Association of Teachers of Mathematics Fall Conference, Lake Charles, LA.

Wilkerson, T. L., & Scheffler, A. (1991). *Examining and assumption of linkage between lesson planning and implementation.* Presented at the Annual Meeting of the Mid-South Educational Research Association, Lexington, KY.

Wilkerson, T. L., & Lacour, E. (1991). *Efficacy: A review of the literature.* Paper presented at the Annual Meeting of the Mid-South Educational Research Association, Lexington, KY

Wilkerson, T. L., Scheffler, A., & Mottley, R. (1991). *Mathematics and literature: Curriculum integration.* Paper presented at the Annual Reading Conference of the University of Southern Mississippi, Hattiesburg, MS.

Professional Service

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)
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
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 Membership Committee Member (2016-2017)
School Science Mathematics Association Publications Committee, Member
Association of Teacher Educators Commission on Language and Mathematics, Chair (2016-2019)
TODOS: Math for All, Volunteer at conference booth at NCTM
Association of Mathematics Teacher Educators of Texas, Volunteer at conference booth (state)
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
Member of SOE Graduate Faculty Council
Member Professional Education Faculty & on Executive 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 (4), Member (1) 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 Regional Conference volunteer
School Science Mathematics Association Publications Committee, Member
TODOS: Math For All Professional Organization, Membership Booth Volunteer, Conference and
Conference for the Advancement of Mathematics Teaching
Association of Mathematics Teacher Educators of Texas, Past-President (Finished term July 2015)
Central Texas Council of Teachers of Mathematics, President
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)
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
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
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 Mathematics 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
T³ 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
 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
 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
 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, 7th 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
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 Education Research Association, University Vice-President

Louisiana Association of Teachers of Mathematics
Membership Chair, Chair and/or Member of Various Committees

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

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 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

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

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 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

Louisiana State University, Department of Curriculum and Instruction
Associate Member of Graduate Council
Mid-Semester Evaluation Committee
Alternate Certification Committee-Secondary/K-12

- Louisiana State University, College of Education
 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 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 State University Laboratory School, Mathematics Instructor Search Committee
- Louisiana State University Department of Curriculum and Instruction
 Selection Committee for Math/Science Fellowships
 Associate Member of Graduate Council
- 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
Phi Delta Kappa, International Professional Education Organization
Association of Teacher Educators
TODOS-Math For All
School Science and Mathematics 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 *(Currently)

Baylor University

- *Secondary Mathematics Curriculum (undergraduate/graduate)
- *Critical Issues in Mathematics Education (undergraduate/graduate)
- *Teaching for Understanding (graduate)
- *Mathematical Immersion (graduate)
- *Research in Mathematics Education (graduate)
- *Advanced Study of Issues in Mathematics education (graduate)
- *Numerical Understanding: Rational Numbers (graduate)
- *Algebraic Thinking (graduate)
- Mathematics in the Middle School (undergraduate/graduate)
- Fundamentals of Technology (graduate)

Practicum In Technology (graduate)
Mathematics in the Elementary Grades (undergraduate/graduate)
*Independent Studies—Mathematics Education/Technology/Research/Ed Studies in China (Graduate & Undergraduate)
Resident & Content Faculty-Professional Development & Partner Schools
Supervision of Student Teachers
Supervision of Strickland Scholars-Secondary Mathematics
University 1000
*Masters Thesis Mentor
*Honors Thesis Mentor
*Dissertation Mentor

Chair of Dissertation Committees:

Elizabeth Riggs “The Effect of a Function Based Approach to Teaching Pre-Algebra in a 9th-Grade Introduction to Algebra I Course” August 2003
Rachelle Meyer “Lesson Study: The Effects On Teachers and Students In Urban Middle Schools” December 2005, Received the Association of Teacher Educators 2007 Outstanding dissertation Award
Colleen Eddy “The effects of a middle grades teacher education program on preservice teachers choice of teaching strategies and mathematical understanding” December 2005
Wenxue Li “Analysis of the Impact of a Ten-Year Technology Initiative on Students’ Outcome” May 2006
Susan Cooper-Twamley “Action Research and Its Impact on Teacher Efficacy: A Mixed Methods Case Study” August 2009
Patty Nelson “Beliefs of Piano Teachers of Beginning Students concerning Musical Concept Introduction and Jerome Bruner’s Enactive, Iconic, Symbolic Learning Theory” August 2013
Dittika Gupta, “Early Elementary Students’ Fractional Understanding: Examination of Cases from a Multi-Year Longitudinal Study” August 2014, Received the School Science Mathematics Association 2015 Outstanding Dissertation Award
Yuko Prefume, “Exploring a Flipped Classroom Approach in a Japanese Language Classroom: A Mixed Methods Stud”, December 2015
Sage Bentley, Topic related to mathematical preparation of middle grade teachers. Anticipated graduation 2016
Hunter Taylor, (Tentative Title) Leadership & Grit: A Qualitative Study High Schools Football Coach, Anticipated graduation Fall 2016.
Keith Kerschen, Topic related to teacher education, Anticipated graduation Fall 2017.

Dissertation Committee Member:

Pollard, Caroline- TBD, Anticipated Graduation Fall 2016.
Shametria Routt, Topic related to mathematics education, Anticipated graduation 2017.
Maki, Jodi, Topic related to school choice, Anticipated Graduation Fall 2016
Becker, Darrell- “AVID Students’ Perceptions of Intelligence: A Mixed Methods Study” Spring 2012.
Michelle McCullough- “Mediating Meaning for Individuals with Down Syndrome: A Phenomenological Case Study” Summer 2012
Ted Filkins- “The Acquisition of Electronic Portfolio Support Staff Expertise: A Theoretical Model” Fall 2010
Cheri Brown Sizemore- “Voices of Reform: An Oral History of the Impact of Mathematics Reform on Texas Public Schools: 1960-2010” Fall 2010
Mary Simpson- “The effect team learning has on the development of creativity in a college classroom: An integrated case study” Summer 2010
Madelon McCall- “Qualities of effective secondary science teachers: perspectives of university biology students “ Summer 2008
Amy Myer— “Factors that Predict the Use of Metacognitive Strategies in the Middle School Classroom” graduated Spring 2008
Homer Guevas- “Achieving the Dream: Retention of Hispanic Students in Developmental Math Courses” Graduated Summer 2007
Jennifer Williamson- “The relationship between teachers’ level of social interest and teacher efficacy and

their degree of job satisfaction: An exploratory study” Graduated Summer 2005.

Thelma Hinds “Stages of Concern and Factors that Influence Middle School Teachers’ Computer Technology Use” Graduated Summer 2004

Chara Allen “Making Sense of Context: An Analysis of the Mesosystemic Influences Impacting First- and Second-Year Beginning Teachers’ Sense of Efficacy” Graduated Summer 03

James Summerlin “A Comparison of the Effectiveness of Internet and Traditional Classroom Remediation of Mathematical Skills” Graduated Spring 03

Doctoral Dissertation Consultant: Reviewed instrument and work by Concepcion Molina as a doctoral student at University of Texas at Corpus Christi. Graduated May 2004

Louisiana State University

Clinical Faculty for Secondary Mathematics Interns (graduate)

Supervisor of Student Teachers in Secondary Mathematics (undergraduate)

Designing & Developing the Secondary Curriculum (graduate)

Research Project in Secondary Teacher Education-Mathematics (graduate)

Integrating Technology in the K-12 Mathematics Curriculum (graduate)

Implementing Technology in the Elementary Mathematics Curriculum (graduate)

Technology and Mathematics Education in Middle and Secondary Schools (graduate)

Advanced Seminar & Practicum: Technology in Physical Science Education (graduate)

Reflective Teaching: Adult Numeracy (graduate)

Reflective Teaching in Secondary School Mathematics (graduate/undergraduate)

Critical Issues in Secondary School Mathematics (graduate/undergraduate)

Curriculum Disciplines: Mathematics (undergraduate)

Graduate Seminar: Teach for Success: Elementary Math Instructional Focus

Master Theses: Chaired 3, Served on an additional 14 committees

Dissertation: Served on 1 as committee member

University of Southern Mississippi/William Carey College

Methods and Materials in Mathematics for Elementary Teachers (undergraduate)

Developmental Processes in Elementary Mathematics (undergraduate)

Southeastern Louisiana University

College Algebra (undergraduate)

Intermediate Algebra (undergraduate)

Developmental Mathematics (undergraduate)

Other Scholarly Contributions

Video interview for Baylor University Department of Curriculum and Instruction Graduate Program video. Spring 2015. <http://www.baylor.edu/soe/ci/index.php?id=65243>.

Feature concerning GEAR UP work in *The Baylor Lariat*. GEAR UP Introduces new Learning Experiences for High Schoolers. February 2013.

Presented to the Waco Independent School District’s Secondary Principals (January 2011). *GEAR UP Waco Math Initiative: Where we have been and where we are going*.

Presented outcomes of research sabbatical to Baylor University School of Education Faculty and graduate students (April 2011). *From Factions to Number Theory: Developing Mathematicians of All Ages*.

Department Editor, *Quick Reads*, Mathematics Teaching in the Middle School, Begin May 2011.

Editor, *Connections* Association of Mathematics Teacher Educators newsletter. Appointed Fall 2010.

As a review writer for the Teacher Educators Review Project (TE-MAT) my reviews are housed on the database found at <http://www.te-mat.org/> and sponsored by AMTE, NSF, Horizons Research, & NSTA.

Pugalee, D. (Fall 2008). T. Wilkerson’s review for TE-MAT (see above) as an exemplar demonstrating informative level of reviews in AMTE’s Newsletter, *Connections*. 18 (1), p. 12-13,14.

Facilitator, Professional Development of Teachers at the US.-SINO Working Research Workshop. Collaboration with U.S and China, June 2008

Direct GEAR UP Math Initiative program selected as one of the features in Educational Outreach: Creative Education, page 14, Baylor Research 2008 Publication.

Faculty mentor for students presenting of research at the Baylor University Undergraduate Scholar's Day, April 2008

Interviewed for & quoted in article in the *Wacoan*, Global Teaching, February 2008, pages 23-32.

Respondent to paper presentation: *Can Second graders Gain Geometric Understanding Through van Hiele's Methods?* Baylor University Educational Psychology's Informing Educational Practice, 9th Annual Doctoral Symposium in Waco, TX. April 2007

Represented Baylor at the Official Bush Administration visit by Tom Luce, Assistant Secretary, U. S. Department of Education to Texas State Technical College in Waco, 2006

Presentation at the Baylor University Scholar's Day with Rachelle Meyer related to research on lesson study through the GEAR UP grant project. Presented February, 2005.

Presented at the Baylor University Scholar's Day 2004 with colleague Dr. Doug Rogers on research related to videoconferencing outcomes connected to C-Cubed grant work (see grant section) & in 2005 with Rachelle Meyer (graduate student) on research related to Lesson Study.

Gear Up Project (noted in grants section) Math Initiative selected to be featured in video documentary of the Texas State Gear Up Program. Video and documentation was distributed across all school districts in Texas. 2002

Digital Children's Mathematics Books (electronic CD version) produced with Leah Delafield (Baylor graduate student) of Baylor undergraduate work in mathematics methods course. Internally distributed only. 2000-2001

G is for Google: Electronic document (CD) produced with Wen Xue Li (Baylor graduate student) of Louisiana State University and Baylor Students' undergraduate work in mathematics methods courses. Internally distributed only. 2000

Quoted in Lawrence Erlbaum publishers catalog for review of Brumbaugh, D.K., Rock, D., Brumbaugh, L. S., & Rock, M. (2002) book *The Wonderful World of Teaching of Elementary Mathematics* and in 2004 *for Teaching K-6 Mathematics*.

GEAR UP State Conference (February, 2003). Submitted (accepted) and developed (assisted by Dr. Tommy Bryan) presentation on *Middle School Mathematics Initiative: Connecting Professional Development and Student Engagement*. Presented by Dr. Tommy Bryan (Baylor University Mathematics Department, Rick Hartley (Waco ISD), and Abbie Ferguson (Baylor University undergraduate teacher education student).

Contributed to presentation submitted and accepted for the Association for Educational Communications and Technology Annual Conference in Dallas, TX (November 2002). Was presented by Dr. Doug Rogers, Department of Curriculum & Instruction. Topic: *Using Multi-Platform Videoconference Technology*.

Mentored (and taught select classes for) two new part-time instructors in teaching undergraduate course: Teaching Middle School Mathematics (TED 4337) (2002-2004) at Baylor University.