

SOE CURRICULUM VITA

Rachelle Meyer Rogers, Clinical Assistant Professor, Curriculum and Instruction

EDUCATION

Ed. D. Department of Curriculum & Instruction, Baylor University, December, 2005

Major: Curriculum & Instruction

Minor: Mathematics Education

Dissertation: *Lesson Study: The Effects On Teachers and Students In Urban Middle Schools*

M. Ed. Department of Curriculum & Instruction, Texas State University, 1996

Major: Curriculum & Instruction

Minor: Secondary Education

B. A. Department of Mathematics, Texas Lutheran University, 1992

Major: Mathematics

Minor: Speech Communications

PROFESSIONAL EXPERIENCE

2012-current Baylor University, Waco, TX
Clinical Assistant Professor
Department of Curriculum & Instruction

2009-2012 Baylor University, Waco, TX
Senior Lecturer
Department of Curriculum & Instruction

2003-2009 Baylor University, Waco, TX
Lecturer
Department of Curriculum & Instruction

1996-2004 Texas State University, San Marcos, TX
(Summers) Master Teacher for Mathworks
Responsibilities included: Developing and writing summer mathematics curriculum, teaching level 2 students, modeling instructional strategies for certified teachers, co-teaching a graduate course in content pedagogy.

1995-2002 San Marcos Consolidated Independent School District, Hernandez
Intermediate, San Marcos, TX
Certified 6-12 Mathematics Teacher,
Mathematics Department Chairperson from 1996-2002

1992-1994 New Braunfels Independent School District, New Braunfels High,
New Braunfels, TX
Certified 6-12 Mathematics Teacher

GRADUATE and UNDERGRADUATE TEACHING

2003- current	Baylor University	(undergraduate courses)
	EDC 4307	Teaching Middle School Mathematics
	TED 4336	Mathematics in the Upper Elementary
	TED 4337	Teaching Middle School Mathematics
	TED 3640	Curriculum in the Secondary School
	TED 3641	Curriculum in the Secondary School
	TED 3383	Secondary Mathematics Practicum Part I
	TED 2380	Educational Thought in the Western World
	TED 4326	Mathematics in the Elementary Grades
	TED 3640	Teaching Associate in the Secondary School
	TED 3641	Teaching Associate in the Secondary School
	TED 4348	Secondary Mathematics Curriculum
	TED 4640/41	Curriculum in the Secondary School
	TED 4642/43	Curriculum in the Secondary School
	TED 3630/31	Middle Grades Teaching Associates
	TED 4630/31	Curriculum in the Middle School
	TED 4632/33	Curriculum in the Middle School
		University Liaison (Midway Middle; UHS; Waco High)
		(graduate courses)
Spring 2015	EDC 5V95	Middle School Mathematics Practicum
Summer 2007	EDC 5390	Seminar Education: Fraction Study
Summer 2006	EDC 5V95	Research in Algebraic Thinking

Summers 2003-2004 Texas State University
Algebraic Reasoning: Co-Instructor (graduate course)

RESEARCH and SCHOLARSHIP

Publications:

Rogers, R., Rogers, D., Trumble, J., & Veselka, M. (2017, Jan). Courage in the classroom: One way to get there. In Galavan & Putney (Eds), *ATE Yearbook XXV*, Rowman & Littlefield Publishers.

Rogers, R., Rogers, D., & Beauchamp, J. (2015, Summer). Action research stimulates deliberate investigation at professional development school. *PDS Partners 11*(1), 12-13.

The National Association for Professional Development Schools publishes *PDS Partners* three times per year (Winter, Summer, and Fall). Most articles are invited and all articles are reviewed by the editor and assistant editor, as well as by the appropriate section editor team. This magazine is classified as an editorial-reviewed publication.

Rogers, R., Cooper, S., Nesmith, S., & Purdum-Cassidy, B. (2015). Ways that preservice teachers integrate children's literature into mathematics lessons. *The Teacher Educator*, 50(3), 170-186.

This national journal is focused on current issues, research, and program innovations that augment teacher preparation and continued professional development for educators. The journal serves as an international forum for stimulating discussion among educators who seek to challenge existing boundaries in the field. All research articles in the journal undergo rigorous peer review based on initial editor screening and anonymous referring by three anonymous referees; 20 – 30% acceptance rate; rated as *Outstanding Recognition in Field*, *Refereed* by the Department of Curriculum and Instruction.

Rogers, R., Cox, H., & Bowden, B. (2015, September). Collaborative Professional Development. *Stories from the Field*, National Association of Professional Development Schools. Retrieved from www.napds.org/category/stories-from-the-field

Purdum-Cassidy, B., Nesmith, S., **Meyer, R.**, & Cooper, S. (2014). What are they asking? An analysis of the questions planned by prospective teachers when integrating literature in mathematics. *Journal of Mathematics Teacher Education* 18(1), 79-99.

The journal is devoted to research that seeks to improve the education of mathematics teachers and develop teaching methods that better enable mathematics students to learn. Blind review; 3+ external reviewers and review by Associate Editor; 18% acceptance rate; and ranked as *Outstanding Recognition in Field, Highly Prestigious, Refereed* by the Department of Curriculum and Instruction.

Rogers, R., Rogers, D., & Rubio, B. (2013, May). Professional development to increase quality field placements. *PDS Partners* 9(1), 6-7.

Rogers, R., et al. (2013, May). Engaging the future of higher education: A report by the teaching, learning, and technology committee. University Document, Baylor University.

Roberston, W., **Meyer, R.**, Wilkerson, T. (2012, December). The mathematics of skateboarding: A relevant application of the 5Es of constructivism. *Journal of Education and Learning*, 1(2), 32-36.

This journal is an open-access, international, double-blind peer-reviewed journal published by the Canadian Center of Science and Education. It aims to promote excellence through dissemination of high-quality research findings, specialist knowledge, and discussion of professional issues that reflect the diversity of this field. The journal has an acceptance rate of 46%.

Meyer, R. & Wilkerson, T. (2011). Lesson study: The impact on teachers' knowledge for teaching mathematics. In Hart, L.C., Alston, A.S., & Murata, A. (Eds.), *Lesson Study Research and Practice in Mathematics Education: Learning Together*, Springer Publishing, 25-36.

Meyer, R., & Wilkerson, T. (2007, October). Lesson Study: The Effects on Teachers and Students in Urban Schools. Proceedings of the Psychology of Mathematics Education-North American Chapter. Abstract-Poster Session, Lake Tahoe, Nevada.

Meyer, R. & Wilkerson, T. (2007, October). Contributor to Lesson Study Working Group Paper. Organized by Hart, L. & Murata, A. Lesson Study: The Impact on Teachers' Mathematical Content Knowledge. Proceedings of the Psychology of Mathematics Education-North American Chapter, Lake Tahoe, Nevada.

Meyer, R. & Null, J. W. (2004). Worthy teachers for the schools of Texas: An overview of the history of Southwest Texas State Normal School, 1859-1959, *American Educational History Journal*, (31)1, 87-94.

Manuscripts in Progress:

Nesmith, S., Purdum-Cassidy, B., Cooper, S., & **Meyer, R.** (under review/revise and resubmit). Like It, Love It, or Leave It - Exploring Elementary Preservice Teachers' Field-Based Perspectives toward the Integration of Literature in Mathematics. Manuscript submitted for publication to *Action in Teacher Education*.

Wilkerson, T., Cooper, S., **Rogers, R.**, & Baker, B.R. Developing preservice teachers' mathematical knowledge in teaching: A rational number experience. Manuscript to be resubmitted March 2016 to *Journal of Teacher Education*.

Rogers, R. & Purdum-Cassidy, B. Breaking the silence: Pre-service teachers' attitudes towards action research. To be submitted for review to the *School-University Partnerships: The Journal of the National Association of Professional Development Schools*, Summer 2016.

Purdum-Cassidy, B. & Rogers, R. How much can I do? Pre-service teachers changing views of self efficacy. To be submitted for review to the *Action in Teacher Education*, Summer 2016.

Rogers, R., Cooper, S., Purdum-Cassidy, B. & Nesmith, S. Selecting quality children's literature for mathematics instruction: What do preservice teachers look for? To be submitted for review to the *International Electronic Journal of Math Education*, Summer 2016.

Rogers, D., **Rogers, R.**, & Trumble, J. Making a difference: Technology to enhance the professional development of preservice teachers. To be submitted for review to the *American Association for Computers in Education*. Fall 2016.

Rogers, R. & Wilkerson, T. Lesson study: The effects on teachers in urban middle schools. To be submitted for review to the *Journal of Teacher Education*, Fall 2016.

Research in Progress:

- Case Study Scenarios for best practice (**Rogers, R.** & Rogers, D)
- Action Research (Rogers & Purdum-Cassidy)
- Lesson Study (Rogers & Wilkerson)
- The Impact of co-teaching in the secondary schools (McCall & **Rogers**)

- Engaging Preservice Teachers in the Analysis of Mathematical Thinking (Cooper, **Rogers**, & Wilkerson)

Professional Presentations (Refereed):

Rogers, D. & Rogers, R. (2016, August). From Consumers to Producers: A New Tech Framework for Teacher Education Candidates. Presented at the ATE Summer Conference, Louisville, KY.

Rogers, R. & Choins, J. (2016, June). The Gold Standard: Product, Packaging, & Proportionality. Presented at the Conference for the Advancement of Mathematics Teaching (CAMT), San Antonio, TX.

Rogers, R. & Choins, J. (2016, April). Create New Packaging with Proportionality: Teaching and Extending Dilations. Presented at the NCTM Annual Conference, San Francisco, CA.

Rogers, R., Choins, J., McClinton, A., & Bray, L. (2016, March). Collaborative Research: A PDS Using Data to Drive Instruction. Presented at the NAPDS Annual Conference, Washington D.C.

Rogers, R., Cox, H., Seale, S., & Packard, A. (2016, March). The Impact of a Year-Long Interview. Presented at the NAPDS Annual Conference, Washington D.C.

McCall, M., Rogers, R., Osborne, L., Gasaway, J., & Cox, H. (2016, March). Implementation of the Co-Teach Model in Secondary Teacher Preparation. Presented at the NAPDS Annual Conference, Washington D. C.

Rogers, R. & Rogers, D. (2016, February). Accountability for Controlled Clinical Experiences: Impact on Pre-service Teachers. Presented at the ATE Annual Conference, Chicago, IL.

Wilkerson, T., **Rogers, R.** & Kerschen, K. (2015, November). Real Problem Solving Adventures! Presented at the Regional NCTM Conference, Nashville, TN.

Rogers, R. (2015, August). Collaboration in a clinical setting: Who is accountable? Presented at the ATE Summer Conference, Minneapolis, MN.

Rogers, R., Bowden, B., Cox, H., Seale, S., & Choins, J. (2015, March). Collaborative Research: Do iPads Make a Difference in the Classroom? Presented at the NAPDS Annual Conference, Phoenix, AZ.

Cox, H., **Rogers, R.**, Bowden, B., Osborne, L., McCall, M., & Gasaway, J. (2015, March). Co-teaching: Equity in the PDS Classrooms. Presented at the NAPDS Annual Conference, Atlanta, GA.

Bowden, B., **Rogers, R.**, & Cox, H. (2015, March). PDS at Its Best: Ongoing and Reciprocal Professional Development. Presented at the NAPDS Annual Conference, Atlanta, GA.

Rogers, R., Rogers, D., & Trumble, J. (2015, February). Believe It or Not: Interactive Web-Based Case Studies Preparing Teachers. Presented at the ATE Annual Conference, Phoenix, AZ.

Rogers, D. & **Rogers, R.** (2015, February). CHORD. Presented at the ATE Annual Conference, Phoenix, AZ.

Rogers, R., Rogers, D., & Wilkerson, T. (2014, April). Augmented Reality: Takes Students to the Real World of Mathematics. Presented at the NCTM Annual Conference, New Orleans, LA.

Rogers, R. & Purdum-Cassidy, B. (2014, March). Action Research: What Do We Investigate and How Do We Share? Presented at the NAPDS Annual Conference, Las Vegas, NV.

Purdum-Cassidy, B. & **Rogers, R.** (2014, March). Supporting Action Research through Professional Development. Presented at the NAPDS Annual Conference, Las Vegas, NV.

Rogers, R., Rubio, B., & Shepard, B. (2014, March). Reflective Practice: Our Changes and Our Growth. Presented at the NAPDS Annual Conference, Las Vegas, NV.

Purdum-Cassidy, B & **Rogers, R.** (2014, February). How Much Can I Do? Candidates' Changing Views of Self-Efficacy. Presented at the ATE Annual Conference, St. Louis, MO.

Rogers, R. & Purdum-Cassidy, B. (2013, August). Success? Assessing the Quality of Action Research. Presented at the ATE Summer Meeting, Washington D.C.

Rogers, R. & Rogers, D. (2013, November). A Tech Approach for Digital Native Teacher Candidates. Presented at the SSMA Annual Convention, San Antonio, TX.

Rogers, D., **Rogers, R.**, Haugh, S.J., Wilkerson, T., & Bryan, T. (2013, November). Augmented Reality: Invite Iron Man and the Terminator to Your Classroom. Presented at the SSMA Annual Convention, San Antonio, TX.

Wilkerson, T., **Rogers, R.**, Johns, B., Bryan, T., Gupta, D., Nelson, P., Haugh, S.J. & Holden, D. (2013, November). GEARing UP for Success through Integration of Mathematics and Science. Presented at the SSMA Annual Convention, San Antonio, TX.

Wilkerson, T., **Rogers, R.**, Johns, B., Nelson, P., & Bryan, T. (2013, November). GEARing UP For Success: A Partnership to Support Student and Teacher Learning. Presented at the SSMA Annual Convention, San Antonio, TX.

Rogers, R. & Purdum-Cassidy, B. (2013, August). Success: Assessing the Quality of Action Research. Presented at the ATE Annual Meeting, Washington DC.

Rogers, R., Spruill, S., & Wilkerson, T. (2013, April). What's So Cool About Sierpinski? Presented at the NCTM Annual Conference, Denver, CO.

Rogers, R., Carter, R., Holden, E., Kippes, M., LaCoste, D., Samuel, A., Story, A., & Welch, L. (2013, February). Mathematics, Literature, and Technology! Presented at the CTCTM Annual Conference, Waco, TX.

Rogers, R. Hodge, K., & Rogers, D. (2013, February). Making a Difference: Technology and Growth in Teaching. Presented at the ATE Annual Conference, Atlanta, GA.

Wilkerson, T. & **Meyer, R.** (2012, April). TAG! Using Technology to Address Understanding in Algebra and Geometry. Presented at the NCTM National Conference, Philadelphia, PA.

Meyer, R. & Rubio, B. (2012, March). Where Do the Pre-Service Teachers Go? Effective Professional Development Resulting in Quality Field Experiences. Presented at the NAPDS Annual Conference, Las Vega, Nevada.

Meyer, R. & Purdum-Cassidy, B. (2012, February). Action Research: Does It Make a Difference in Professional Growth? Presented at the ATE Annual Conference, San Antonio, TX.

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

Cooper, S., Wilkerson, T., **Meyer, R.**, & Baker, B. (2011, January). Effect of Lesson Implementation, Assessment of Student Work and Reflection on Preservice Teacher Understanding of Fractions, Presented at the AMTE National Conference, Irvine, CA.

Gupta, D., Purdum-Cassidy, B., & **Meyer, R.** (2011, February). Breaking the Silence: Pre-Service Teachers' Attitudes Towards Action Research. Presented at the ATE National Conference, Orlando, FL.

Nesmith, S., Purdum-Cassidy, B., Cooper, S., & **Meyer, R.** (2011, February). Now I Get It! – Utilizing Children's Literature to Build Preservice Teachers' Mathematics Efficacy. Presented at the ATE National Conference, Orlando, FL.

Meyer, R., & Wilkerson, T. (2011, February). Windows of Opportunity: How Lesson Study Supports Improvement in Teaching. Presented at the ATE National Conference, Orlando, FL.

- Meyer, R. (2011, October). Algebraic Equations and Water: What a Combination! Presented at the NCTM Regional Conference, Atlantic City, NJ.
- Meyer, R., Perales, O., Casa, M., & Wilkerson, T.L. (2010, October). Algebraic Equations and Water: What a Combination! Presented at the NCTM Regional Conference, New Orleans, LA.
- Meyer, R., Wilkerson, T., & Price, G. (2010, April). Let's Play with Robots! Making Connections among Technology, Geometry, and Algebra. Presented at the NCTM National Conference, San Diego, CA.
- Meyer, R. & Wilkerson, T. (2010, March). Making Mathematical Connections: Pre-service Teachers Assigned to PDS Mathematics Classrooms Experience Standards-Based Instructional Lessons. Presented at the NAPDS National Conference, Orlando, Florida.
- Marlin, P., **Meyer, R.**, Corea, N., Yezak, M., Wilkerson, T. (2010, March). PDS Impact: Effective Professional Development Based on Collaborative Inquiry. Presented at the NAPDS National Conference, Orlando, Florida.
- Nesmith, S., Purdum-Cassidy, B., Cooper, S., & **Meyer, R.** (2010, April). From Theory to Practice – Examining Pre-Service Teacher's Use of Children's Literature in the PDS Mathematics Classroom. Presented at the NAPDS National Conference, Orlando, Florida.
- Meyer, R., Purdum-Cassidy, B., Conaway, B. (2010, February). Sharing Outcomes: How EC-12 Certificate Programs Implement and Share Action Research Results. Presented at the ATE National Conference, Chicago, Illinois.
- Meyer, R. (2010, February). Action Research and Its Impact on PDS Partnerships. Presented at the ATE National Conference, Chicago, Illinois.
- Purdum-Cassidy, B., Barrett, E., Conaway, B., **Meyer, R.**, Talbert, T., Force, C. et al. (2010, February). Summer Summit: PDS Mentor Training. Presented at the ATE National Conference, Chicago, Illinois.
- Cooper, S., Wilkerson, T., & **Meyer, R.** (2010, January). Engaging Preservice Teachers in the Analysis of Children's Thinking. Presented at the AMTE National Conference, Irvine, CA.
- Cady, Jo, Wilkerson, T., **Meyer, R.**, Baker, B.R., & Strunk, K. (2010, January). Developing and Sustaining University/K-12 Partnerships. Presented at the AMTE National Conference, Irvine, CA.
- Meyer, R. (2009, September). Lesson Study: The Impact on Teachers' Mathematical Content Knowledge. Presented at the PME-NA Conference, Atlanta, Georgia.

Wilkerson, T. & **Meyer, R.** (2009, July). Learning Through Lesson Study. Presented at the Texas Regional Collaborative Annual Meeting, Austin, Texas.

Meyer, R., Marlin, P., Brown, V., & Correa, N. (2009, March). Taking Action: From Classroom Research to Collaborative Reflection Among the Partners. Presented at the NAPDS National Conference, Daytona, Florida.

Meyer, R. (2009, February). Action in the Classroom: From Research to Collaborative Reflection. Presented at the HOLMES Partnership National Conference, Jacksonville, Florida.

Meyer, R., Marlin, P., Brown, V., & Scott, S. (2009, February). Taking Action: From Classroom Research to Collaborative Reflection. Presented at the ATE National Conference, Dallas, Texas.

Wilkerson, T., **Meyer, R.**, & Barber, R. (2009, February). Expanding Educational Horizons through Community Partnerships that Support Teacher Preparation. Presented at the ATE National Conference, Dallas, Texas.

Barrett, E., Conaway, B., **Meyer, R.**, & Talbert, T. (2009, February). A Collaborative, Field Based Secondary Teacher Education Program: We Will Show You How To Make It Work. Presented at the ATE National Conference, Dallas, Texas.

Meyer, R. (2008, November). Professional Development: The Success of Lesson Study. Presented at the PDK International Summit on High-Performing Educators, San Antonio, Texas.

Wilkerson, T. & **Meyer, R.** (2008, October). Hot TAMALE: Technology, Art, Mathematics, and Literacy Everywhere. Presented at the NCTM Regional Conference, Oklahoma City, Oklahoma.

Meyer, R. & Wilkerson, T. (2008, March). Making Research Work: A Research Lesson on Proportional Reasoning. Presented at the NCTM National Conference, Salt Lake City, Utah.

Wilkerson, T. & **Meyer, R.** (2008, March). Looking for Math in All the Right Places! Making Connections. Presented at the NCTM National Conference, Salt Lake City, Utah.

Montgomery, M., Solomon, E., & **Meyer, R.** (2008, March). Math Career Carnival. Presented at the NCTM National Conference, Salt Lake City, Utah.

Meyer, R. & Wilkerson, T. (2008, February). Pre-service Teachers Engage in Best Practices Through Lesson Study. Presented at the ATE National Conference, New Orleans, LA.

Wilkerson, T., Baker, B. R., Sharp, P., Cooper, S., **Meyer, R.**, & Twamley, S. (2008, February). Engaging Teacher Candidates in Collaborative Research: An Empowering Approach to Best Practice and Life-Long Learning. Presented at the ATE National Conference, New Orleans, LA.

Meyer, R., Wilson, J., Davis, M., Lee, M., Hutchings, S., Lamberth, T., Perales, O., Yergler, S., & Zapata, R. (2008, February). Making the Connection: Literature Connects to Mathematics and Science. Presented at the CTCTM annual conference, Waco, TX.

Meyer, R., Casa, M., Clifton, D., Fifield, A., Keith, M., May, J., Reimer, C., Russell, J., Svane, L., Valdez, L., Vick, A., & Walter, J. (2008, February). Making the Connection: Real World Careers and Mathematics. Presented at the CTCTM annual conference, Waco, TX.

Meyer, R. & Wilkerson, T. (2007, October). Lesson Study: The Effects On Teachers and Students In Urban Schools In the United States. Presented at the PME-NA Conference, Lake Tahoe, Nevada.

Meyer, R. & Pavlat, R. (2007, June). Making Mathematical Connections with Pentominoes. Presented at the CAMT Conference, San Antonio, Texas.

Pavlat, R. & **Meyer, R.** (2007, June). Fun with Numbers: Hands-On Math Games that Kids Will Love. Presented at the CAMT Conference, San Antonio, Texas.

Wilkerson, T., **Meyer, R.**, Cady, J., Hopkins, T., Byrd, J., Taylor, P.M., Miriti, L., Schack, E. (2007, March). Linking Research to Practice Through Lesson Study. Presented at the NCTM Conference, Atlanta, Georgia.

Wilkerson, T., Curry, J., & **Meyer, R.** (2007, March). Let's Make a Deal. Presented at the NCTM Conference, Atlanta, Georgia.

Meyer, R. (2007, February). Lesson Study: The Effects On Teachers and Students In Urban Middle Schools (Distinguished Dissertation in Teacher Education). Presented at the ATE Conference, San Diego, California.

Meyer, R. Conaway, B., Wilkerson, T. (2007, February). Pre-service and In-service Teachers Collaborate Through Lesson Study. Presented at the ATE Conference, San Diego, California.

Meyer, R. & Conaway, B. (2007, January). Teacher Quality: Partnerships Engaged in a Lesson Study Model. Presented at the HOLMES Partnership, San Antonio, Texas.

Meyer, R., Marlin, P., Ward, V. (2007, January). Building Sustainable Partnerships: Communication Between Stakeholders to Enhance Understanding & Impact Relationships. Presented at the HOLMES Partnership, San Antonio, Texas.

Meyer, R. & Montgomery, M. (2006, July). Opportunity Knocks! Participate in a Real Live Lesson Study! Presented at the CAMT Conference, Houston, Texas.

Meyer, R. & Pavlat, R. (2006, July). All Aboard! Navigating Through Hands-On Activities. Presented at the CAMT Conference, Houston, Texas.

Meyer, R. (2006, April). The Impact of Lesson Study on American Teachers and Students. Presented at the NCTM Conference, St. Louis, Missouri.

Meyer, R., West, A., Vasquez, M., Trevino, C., and Calvin, E. (2006, March). Mathematics Is Music To My Ears. Presented at the CTCTM Conference, Waco, Texas.

Meyer, R., Elkins, T., Hoare, S., Schmidt, J., Geary, K., Hawkins, A., Jeffus, J., LeWallen, K., VanWart, B., & Wieland, A. (2006, March). Mathematics In the World Around Us. Presented at the CTCTM Conference, Waco, Texas.

Meyer, R. & Wilkerson, T. (2006, February). Closing the Achievement Gap in Mathematics: Lesson Study as a Form of Professional Development. Presented at the HOLMES Partnership, Chicago, Illinois.

Wilkerson, T., Eddy, C., **Meyer, R.**, & Twamley, S. (2006, February). Success for All Students: Partnership Efforts to Close the Achievement Gap in Mathematics. Presented at the HOLMES Partnership, Chicago, Illinois.

Meyer, R. (2005, November). Addressing Student Achievement in Mathematics through Lesson Study. Presented at the School Science and Mathematics Association Annual Convention, Dallas, Texas.

Wilkerson, T., **Meyer, R.**, Fields, L., & Montgomery, M. (2005, July). Addressing Student Achievement in Mathematics through Sustaining and Institutionalizing A Collaborative Professional Development Model. Presented at the NCCEP/GEAR UP National Conference, San Francisco, California.

Wilkerson, T., **Meyer, R.**, Fields, L., & Montgomery, M. (2005, March). Addressing Student Achievement in Mathematics Through Collaborative Professional Development. Presented at the Texas GEAR-UP Forum, College Station, Texas.

Meyer, R. (2005, March). Number Activities on Conservation. Presented at the Central Texas Council of Teachers of Mathematics, Waco, Texas.

Rogers, D., **Meyer, R.**, & Purdum-Cassidy, B. (2005, March). The Baylor University and Waco Independent School District Partnership: A Community Learning with Vision and Purpose. Presented at the Professional Development Schools National Conference, Orlando, Florida.

Meyer, R. & Wilkerson, T. (2005, February). Lesson Study: The Effects on Teachers and Students in Urban Middle Schools. Presented at Scholar's Day at Baylor, Waco, Texas.

Meyer, R. & Rogers, D. (2005, January). Promoting Quality Teacher Education: A Rotational Model for Field Experiences in a Secondary Professional Development School. Presented at the Holmes Partnership Annual Conference, Philadelphia, Pennsylvania.

Wilkerson, T., **Meyer, R.** Eddy, C., & Cunningham, C. (2005, January). Partnerships in Professional Development to Reach All Students in the Mathematics Classroom. Presented at the Holmes Partnership Annual Conference, Philadelphia, Pennsylvania.

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, Louisiana.

Meyer, R. & Null, J.W., (2004, March). Worthy Teachers for the Schools of Texas: An Overview of the History of Southwest Texas State Normal School, 1899-1959. Presented at Scholar's Day at Baylor, Waco, Texas.

Meyer, R. & Purdum-Cassidy, B. (2004, February). Promoting Quality Teacher Education: The Design and Implementation of the Teaching Associate Year at a Professional Development School. Presented at the Association of Teacher Educators, Dallas, Texas.

Wilkerson, T., **Meyer, R.**, Eddy, C., Cassidy, B., & Wenxue, L. (2004, February). Teaching for Understanding to Promote Quality Learning: Research, Models, and Implications for Teacher Education. Presented at the Association of Teacher Educators, Dallas, Texas.

Meyer, R. & Purdum-Cassidy, B. (2004, January). Promoting Quality Teacher Education: The Design and Implementation of the Teaching Associate Year at a Professional Development School. Presented at the Holmes Partnership Annual Conference, San Diego, California.

Meyer, R. & Null, J. W. (2003, October). The Transformation of Normal Schools into State Teachers Colleges: Southwest Texas State Normal School as a Case Study. Presented at the American Association of Teaching and Curriculum, Baltimore, Maryland.

Meyer, R. & Null, J. W. (2003, October). Constant Transition Atop A Texas Cave: An Overview of the History of Southwest Texas State Normal School, 1899-1959. Presented at the 2003 Midwest History of Education Society, Chicago, Illinois.

Meyer, R. & Beck, J. (2003, July). Using Videoconferencing to Support Algebraic Understanding. Presented at the Conference for the Advancement of Mathematics Teaching, Houston, Texas.

Wilkerson, T., Rogers, D., **Meyer, R.** Montgomery, M., and Beck, J. (2003, July). Multiple Platform Videoconferencing to Support Mathematics Instruction. Presented at the National Educational Computing Conference, Seattle, Washington.

Meyer, R. & Eddy, C. (2003, March). Teaching Probability in a Technological Age. Presented at the Third Annual Meeting of the Central Texas Council of Teachers of Mathematics, Waco, Texas.

Professional Presentations (Invited):

Rogers, R. & Purdum-Cassidy, B. (2015, Summer). Moving Forward with Action Research and the Atlas Academy. Waco ISD, Waco, TX.

Rogers, R. & Purdum-Cassidy, B. (2015, Summer). Action Research: Making a Difference. Baylor University, Waco, TX.

Rogers, R. & Purdum-Cassidy, B. (2014, Summer). Action Research: Making a Difference. Baylor University, Waco, TX.

Rogers, R. & Purdum-Cassidy, B. (2014, June). Action Research and the Atlas Academy. Waco ISD, Waco, TX.

Rogers, R. & Purdum-Cassidy, B. (2013, August). Making the Most of Mentoring! The Power of Action Research. Baylor University, Waco, TX.

Meyer, R. (2012, Fall). Lesson Study in the Schools. Region 12 Service Center Consultant.

Meyer, R. (2012, Summer). Lesson Study and Professional Growth. Region 12 Service Center Consultant.

Meyer, R. (2011, Fall). Think Outside the Box. Teacher Quality Grant-Baylor University, Waco, Texas.

Meyer, R. (2011, Fall). Building Perspectives. Midway ISD—Hewitt, Texas.

Meyer, R. (2011, Fall). Algebra and Stringing Beads. Teacher Quality Grant—Baylor University, Waco, Texas.

Meyer, R. (2011, Spring). Algebra and the Real World. Teacher Quality Grant—Baylor University, Waco, Texas.

- Meyer, R. (2010, Fall). Can You Build the Best Boat? Teacher Quality Grant—Baylor University, Waco, Texas.
- Meyer, R. & Bryan, T. (2010, Fall). Thinking Outside the Box! GEAR UP--Baylor University, Waco, Texas.
- Meyer, R. (2010, Spring). Kaleidoscopes and Mathematics! Teacher Quality Grant—Baylor University, Waco, Texas.
- Meyer, R. & Bryan, T. (2009, fall). Equations Attack! GEAR UP—Baylor University, Waco, Texas.
- Meyer, R. (2009, spring). Connecting Mathematics and Literature. Center for Learning and Development—Waco, Texas.
- Meyer, R. & Wilkerson, T. (2008, October). Examining Our Own Practices. Waco ISD Professional Development, Waco, Texas.
- Meyer, R. (2008, September). Looking for Math In All The Wrong Places. GEAR UP—Baylor University, Waco, Texas.
- Meyer, R. (October 2006-May 2008). Improving Mathematics Through A Standards Based Approach. (Consultant for a targeted middle school). Waco Independent School District, Waco, Texas.
- Meyer, R. (2006, November). Algebra With the CBR. Project Prime—Baylor University, Waco, Texas.
- Meyer, R. (2006, October). Thinking Proportionally. Project Prime—Baylor University, Waco, Texas.
- Meyer, R. (2006, July). Proportional Reasoning. Project Prime—Baylor University, Waco, Texas.
- Meyer, R. (2006, February). Navigating Through Algebraic Thinking. Project Prime—Baylor University, Waco, Texas.
- Meyer, R. & Rogers, D. (2005, July). Creating a Positive Learning Environment. Waco Independent School District, Waco, Texas.
- Meyer, R., Marlin, P., & Josephs, S. (2005, July). Professional Development and Communication: Building the Relationships. Waco Independent School District, Waco, Texas.
- Meyer, R. & Wilkerson, T. (2005, April). Wiley Middle School Math Camp. Waco Independent School District, Waco, Texas.

Wilkerson, T. & **Meyer R.** (2003, November). An Overview of the NCTM Geometry Academy for K-2 Teachers. Magnolia Independent School District, Magnolia, Arkansas.

Meyer, R. (2003, May). Exploring With the Geometer Sketchpad. Waco Independent School District, Waco, Texas.

Meyer, R. & Pickle, D. (2003, March). Webquest: A Technology Based Learning Experience. Waco Independent School District, Waco, Texas.

Wilkerson, T. **Meyer, R.** Bryan, T., Curry, J., Johns, B., Tidmore, G., & Eddy, C. (2003, March). Mathematics and Science Through the Use of the Calculator Based Laboratory. Waco Independent School District, Waco, Texas.

Meyer, R. (2002, October). Enhancing Probability Using the TI-73 Graphing Calculator. Midway Independent School District, Waco, Texas.

Professional Presentations (other):

Rogers, R. (2015, October). Connections: The Learning Environment, the Task, the Process; and the Understanding, Baylor University, Waco, Texas.

Rogers, R. (2015, September). Mathematics and 3D Printing, Baylor University, Waco, Texas.

Rogers, R. (2012, August). The problems with a tank!, Midway ISD, Hewitt, Texas.

Meyer, R. (2011, August). Is it proportional?, Midway ISD, Hewitt, Texas.

Berger, E., **Meyer, R.**, Bryan, T., Carson, C., Brown, V. & Perales, O. (2010, September). What Does it Mean to be a Mathematics Educator?, Baylor University, Waco, Texas.

Sharp, P., Cooper, S., Wilkerson, T., **Meyer, R.**, & Baker, B.R. (2008, April). Developing Fractional Thinking in 3rd Graders: A Collaborative Study with Undergraduate and Graduate Students. Scholars Day, Baylor University, Waco, Texas.

Meyer, R. (2007, September). GEAR UP Lesson Study, Waco Independent School District, Waco, Texas.

Meyer, R. (2007, October). Making Purple, Waco Independent School District, Waco, Texas.

Meyer, R., Wilkerson, T., Bryan, T., & Curry, J. (2004-2005). Lesson Study In the Middle Schools, Waco Independent School District, Waco, Texas.

Rogers, D., **Meyer, R.**, & Marlin, P. (2004, August). Waco High PDS: A Community Learning with Vision and Purpose, Waco Independent School District, Waco, Texas.

Meyer, R. (2003, March). Planning A Mathematics Lesson With A Calculator Based Laboratory, Waco Independent School District, Waco, Texas.

Meyer, R. (2002, November). Virtual Manipulatives To Enhance Algebra for Grades 6-8 Via Videoconference, Waco Independent School District, Waco, Texas.

Meyer, R. (2002, October). Virtual Manipulatives To Enhance Algebra for Grade 9 Via Videoconference, Waco Independent School District, Waco, Texas.

Professional Development:

Boaler, J. (2015, October). The Mindset Revolution: Teaching Mathematics for a Growth Mindset. Texas Association of Supervisors of Mathematics, Austin, TX.

Co-teaching Workshop (2015, February). Waco, TX.

CTCTM 15th Annual Conference (2015, January). Waco, TX.

ATE Summer Conference (2014, August). Niagara Falls, NY.

Middle School Summer Institute (2014, July). Waco, TX.

CTCTM 14th Annual Conference (2014, February). Waco, TX.

CTCTM 13th Annual Conference (2013, February). Waco, TX.

Teachers Teaching with Technology (2012, November). T3 Conference, Waco, TX.

ATE Summer Conference (2011, August). Philadelphia, PA.

Texas Instruments & GEAR UP Mathematics (2011, May). Math and Motion, Irvine, Texas.

Teachers Teaching with Technology International Conference (2011, April). San Antonio, TX.

NCTM National Conference (2011, April). Irvine, CA.

CTCTM Spring Conference (2011, February). Region 12 Service Center, Waco, Texas.

Berger, E. (2010, November). Monkeys and Mathematics, Baylor University, Waco, Texas.

Phi Delta Kappa Fall Meeting (2010, November). The Nation's Opinion on Education: 2010 PDK Gallop Poll, Baylor PDK, Waco, Texas.

CTCTM Fall Meeting (2010, October). Mathematics and A Doodle, Baylor University, Waco, Texas.

College Readiness Conference (2010, March). Collaboration among Universities and Colleges. San Antonio, Texas.

CTCTM Spring Conference (2010, February). Improving Teaching and Learning of Mathematics: Curriculum as a Key Strategy. Region 12 Service Center, Waco, Texas.

Phi Delta Kappa Fall Meeting (2009, September). Learning from Leaders in Education. Waco, Texas.

CTCTM Spring Conference. (2009, February). Helping English Language Learners Be Successful in Mathematics: What Can We Do? Region 12 Service Center, Waco, Texas.

Greater Waco Community Education Summit (2008, November). Expanding Opportunities, Changing Lives. Waco, Texas.

CTCTM Fall Meeting. (2008, October). Thinking About Our Practice As Teachers: Voices from the Field. Baylor University, Waco, Texas.

Teachers Teaching with Technology Conference (2008, October). Waco, Texas.

SOE Lecture Series. (2008, October). Culturally Responsive Teaching and Academic Justice. Baylor University, Waco, Texas.

Phi Delta Kappa Region C Meeting (2008, August). Dallas, Texas.

Phi Delta Kappa Executive Meeting. (2008, January). Bloomington, Indiana.

NCATE Training. (2007, September). Washington D.C.

Texas Teachers Forum. (2007, May). College Station, Texas.

Reviewer

2011- current Reviewer for the ATE Annual Conference and Summer Meeting.

2006-current Reviewer for NCTM *Mathematics Teaching in the Middle School* and the *Mathematics Teacher*.

2015-current Reviewer for NCTM National Research Conference.

- 2015, Summer Reviewer and consultant for Data Recognition Corporation Mathematics Alignment Review
- 2012, Fall Reviewer and consultant for the Iowa Alignment K-12 Mathematics Study
- 2012, Spring Reviewer and consultant for the California Alignment K-12 Mathematics Study
- 2010, Fall Reviewer and consultant for the Nebraska Alignment K-12 Mathematics Study

Grants and Contracts

Co-Principal Investigator for *Using Lesson Study and Formative Assessment to Advance the Teaching and Learning of Algebraic Reasoning*, \$200,000, Sid Richardson Foundation Proposal, (**under review**).

Co-Principal Investigator for *Teachers Teaching with Technology*, \$6000, Texas Instruments, **2011-2012**.

Co-Principal Investigator for *Action Research and Its Impact on PDS Partnerships*, \$7460, Baylor University, **2009-2010**.

Principal Investigator for *Exploring Mathematics: After School Programs* in collaboration with McLennan County Youth Collaboration through sub-award of Texas 21st Century Community Learning Centers.(\$11,180) for **2007-08**.

Project Director of Summer Mathematics Camps & Teacher Institutes for *GEAR UP Waco* grant, 11.3 million, U.S. Department of Education, **2006-2012**. Collaboration with Waco Independent School District, BU, Texas State Technical College-Waco, McLennan County Youth Collaboration, & City of Waco.

Instructor for *Proportional and Algebraic Reasoning with Middle and Secondary Mathematics Teachers* (\$200,000 for **June 2009-May 2011**) award of Teacher Quality Grant.

Instructor for *Promoting Student Success in Middle and High School Geometry* (\$87,000 for **May 07-May 09**) award of Teacher Quality Grant.

Project Director 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**.

Instructor 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**. Project PRIME (Promoting Rigorous Instruction in Mathematics Education).

Instructor for *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.

Instructor (2002-2005 only) for the Math Initiative of the *Gear Up Waco* grant. 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.

SERVICE

Professional:

2011-present Co-Chair, ATE Emerging Scholars
2009-present ATE, Annual Conference Planning Committee Member
2014-current ATE, Communications and Public Relations Committee Member
2001-present Member, Association of Teacher Educators
2002-present Member, National Council of Teachers of Mathematics
2006-present Member, National Association of Professional Development Schools
2010-present Newsletter Editor, Central Texas Council of Teachers of Mathematics
2014-present Program Chair, Central Texas Council of Teachers of Mathematics
2010-2015 President, PDK Baylor Chapter
2012-2014 ATE, Distinguished Clinician in Teacher Education Committee Member
2013-2014 Member, School Science and Mathematics Association
2006-2012 Member, Association of Mathematics Teacher Educators
2000-2012 Member, Phi Delta Kappa
2010-2011 Past-President, Central Texas Council of Teachers of Mathematics
2007-2010 Chapter Member Liaison for Phi Delta Kappa
2008-2010 President, Central Texas Council of Teachers of Mathematics
2007-2008 President-Elect, Central Texas Council of Teachers of Mathematics
2004-2006 Newsletter Editor, Central Texas Council of Teachers of Mathematics
2006-2007 President, Baylor University Phi Delta Kappa Chapter
2009-2010 Program Chair, Baylor University Phi Delta Kappa Chapter

University:

2015-present University Scholar Mentor
2015-present Member of C&I Assistant Professor Search Committee
2015-present Member of Graduate Faculty
2014-present Presenter for the SOE Distinguished Scholars' Day
2014-present Scholarship Committee Member for the SOE Distinguished Scholars' Day
2005-present Member, SOE Middle and Secondary School Committee
2004-present Member, PDS Coordinating Council
2004-present Member, Teacher Education Faculty
2006-present Faculty Sponsor for ATPE
2013-present Member, PEFX
2015 Spring Thesis Committee Member for Rebecca McHenney
2014-2015 Past-chair and member, Teaching Learning Technology Committee

2007-2015 Member, Most Memorable Teacher Selection Committee
 2012-2014 Chair, Teaching Learning Technology Committee
 2006-2014 Member, Student & Alumni Recognition Committee
 2011-2013 SOE Ten Year Review Committee
 2011-2012 Member, Teaching, Learning, & Technology Committee
 2011-2012 Member, PEFX
 2011-2012 Member, Transfer Credit Task Force
 2010-2011 Member, Secondary Science Search Committee
 2009-2010 Member, PDS Research Task Force
 2008-2010 Chair, Middle School Task Force
 2008-2009 Faculty Partner for Arbors
 2008-2009 Member, PDS Selection Committee
 2009 (spring) Chair, PDS Research Symposium
 2008 (fall) Director, Volunteers, T³ Conference
 2007-2008 Co-Chair, PDS End of the Year Celebration
 2006 (fall) Member, SOE Parade Committee
 2005-2006 Member, PDS Review Committee
 2005-2006 Member, Curriculum & Instruction Faculty Search Committee
 2004-2005 Member, School of Education Program Review Committee
 2005-2007 Member, PDS Celebration Committee
 2002-2003 Member, Baylor University Content, Collaboration, and Connectivity
 Advisory Board Member

Community:

2015-present Trainer of Trainers in Co-Teaching
 2014-present PDS Steering Committee, Midway Middle, Hewitt, TX
 2014-present Campus Decision Making Committee, Midway Middle, Hewitt, TX
 2008-2014 Campus Decision Making Committee, University High, Waco, TX
 2013-2014 PDS Steering Committee, University High, Waco TX
 2006-2008 Public Relations Officer and member, Crawford Chamber of Commerce
 2007 (fall) Co-Director, 6th Annual Tonkawa Traditions, Crawford, TX
 2007 (fall) Participant, Community Christmas Decoration Committee, Crawford, TX
 2003-2004 Judge, University Scholastic League
 2003-2004 Judge, Miss Texas Farm Bureau Contest
 2001-2004 Participant, American Cancer Society Relay for Life
 1996-1998 Coach, Fundamentals of Practice Basketball

Religious:

2013-present Council Member, Worship and Music, St. Paul Lutheran Church
 2004-present St. Paul Lutheran Scholarship Chairperson
 2003-present St. Paul Lutheran Education Committee Member
 2003-present Communion Assistant
 2002-present Greeting Committee
 2002-2010 Sunday School Teacher
 2003-2010 Church Council Educational Representative
 2004-2007 Vacation Bible School Coordinator

- 2004-2007 Participant in the St. Paul Lutheran Christmas Pageant
2004-2007 Director of the St. Paul Lutheran Parade Committee

ACADEMIC and PROFESSIONAL HONORS and AWARDS

- 2015 Summer Sabbatical, Baylor University, Waco, Texas
2014 Summer Sabbatical, Baylor University, Waco, Texas
2013 Baylor University Fellow, Baylor University, Waco, Texas
2013 SSMA Award for Excellence in Integrating Science and Mathematics
2013 Summer Faculty Institute Participant, Baylor University, Waco, Texas
2010 Outstanding Senior Lecturer Nominee, Baylor University, Waco, Texas
2008 Outstanding Lecturer Nominee, Baylor University, Waco, Texas
2008 Phi Kappa Chi Most Influential Professor, Baylor University, Waco, Texas
2007 Association of Teacher Educators Distinguished Dissertation Award
2007 Outstanding Lecturer Nominee, Baylor University, Waco, Texas
2006 Most Influential Teacher Award, San Marcos, Texas, nominated by student
2002 Disney Teacher Nominee, nominated by student
2002 Teacher of the Year Nominee, San, Marcos, Texas, nominated by campus
2000 Teacher of the Year Nominee, San Marcos, Texas, nominated by campus