

AMBER SIMPSON

Assistant Professor of Mathematics Education
Department of Teaching, Learning, and Educational Leadership
College of Community and Public Affairs
Binghamton University

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PROFESSIONAL EXPERIENCES

August 2017- Present Assistant Professor, Mathematics Education
Binghamton University; Binghamton, NY

August 2016 - May 2017 Visiting Assistant Professor, Mathematics Education
Indiana University; Bloomington, IN

August 2015 - July 2016 Visiting Research Associate
Indiana University; Bloomington, IN

August 2011 - May 2015 Graduate Research Assistant
Clemson University; Clemson, SC

August 2006 - July 2011 Mathematics Teacher, Grades 6 – 12
Hamblen County School System
Morristown Hamblen High School East; Morristown, TN

EDUCATION

2015 Doctorate of Philosophy: Curriculum & Instruction, Mathematics Education
Clemson University, Clemson, SC
Dissertation Title: Kaleidoscopic view of voices shaping female and male adolescents' dynamic mathematics identity within single-sex and coeducational environments

2009 Educational Specialist: Educational Administration & Supervision
Lincoln Memorial University, Harrogate, TN

2007 Masters of Education: Curriculum & Instruction
Lincoln Memorial University, Harrogate, TN

2005 Bachelors of Science: Mathematics, Secondary Mathematics
East Tennessee State University, Johnson City, TN

CERTIFICATION

2009 – 2019 Mathematics, Grades 7- 12
State of Tennessee

PUBLICATIONS

Refereed Journal Articles

Boes, L., Stath, H., **Simpson, A.** (In Press.) Math by the month: Animals of the world. *Teaching Children Mathematics*.

Linder, S. M., & **Simpson, A.** (In Press). Towards an understanding of early childhood mathematics education: A systematic review of the literature. *Contemporary Issues in Early Childhood*.

Simpson, A., & Haltiwanger, L. (2017). “This is the first time I’ve done this”: Exploring secondary preservice mathematics teachers’ noticing of students’ mathematical thinking. *Journal of Mathematics Teacher Education*, 20(4), 335-355. doi: 10.1007/s10857-016-9352-0

Hall, A., & **Simpson, A.** (In Press). Working to improve the quality of care for young children in one community organization. *Journal of Community Engagement and Higher Education*.

Simpson, A., & Maltese, A. V. (2017). “Failure is a major component of learning anything.”: The role of failure in the career development of STEM professionals. *Journal of Science and Technology Education*, 26(2), 223-237. doi: 10.1007/s10956-016-9674-9

Foegen, A., Stecker, P. M., Genareo, V. R., Lyons, R., Olson, J. R., **Simpson, A.**, ..., Jones, R. (2017). Using an online tool for learning about and implementing algebra progress monitoring. *Teaching Exceptional Children*, 49(1), 106-114. doi: 10.1177/0040059916674327

Simpson, A., & Quigley, C. (2016). Member checking process with adolescent students: Not just reading a transcript. *Qualitative Inquiry*, 21(2), 376-391.

- Simpson, A., & Che, M.** (2016). A phenomenological study of middle grade female and male students' single-sex mathematical experiences. *Research in Middle Level Education Online*, 39(2), 1-13. doi: 10.1080/19404476.2016.1138727
- Simpson, A., & Linder, S. M.** (2016). The indirect effect of children's gender on early childhood educators' mathematical talk. *Teaching and Teacher Education*, 54, 44-53. doi: 10.1016/j.tate.2015.11.011
- Simpson, A., Che, M., & Bridges, W.** (2016). Girls' and boys' academic self-concept in science in single-sex and coeducational classes. *International Journal of Science and Mathematics Education*, 14(8), 1407-1418. doi: 10.1007/s10763-015-9676-8
- Simpson, A., Monroe, J., & Raquet, J.** (2015). Math by the month: Board game frenzy. *Teaching Children Mathematics*, 22(2), 74-75.
- Hall, A., **Simpson, A.**, Guo, Y., & Wang, S. (2015). Examining the effects of preschool writing instruction on emergent literacy skills: A systematic review of the literature. *Literacy Research and Instruction*, 54(2), 115-134. doi: 10.1080/19388071.2014.991883
- Simpson, A.** (2015). Math by the month: Working with wheels!. *Teaching Children Mathematics*.
- Linder, S. M., Rembert, K., **Simpson, A.**, & Ramey, D. (2015). A mixed methods investigation of early childhood professional development for providers and recipients in the United States. *Professional Development in Education*. Advanced online publication. doi: 10.1080/19415257.2014.978483
- Simpson, A., Mokalled, S., Ellenburg, L., & Che, S. M.** (2015). A tool for rethinking teachers' questioning. *Mathematics Teaching in the Middle School*, 20(5), 294-302.
- Simpson, A., & Cole, M. W.** (2015). More than words: A literature review of language of mathematics research. *Educational Review*, 67(3), 369-384. doi: 10.1080/00131911.2014.971714
- Haltiwanger, L., & **Simpson, A.** (2014). Challenging students' conceptions of proportional reasoning. *MathMate*, 36(3), 26-36.
- Simpson, A., & Linder, S. M.** (2014). An examination of mathematics professional development opportunities in early childhood settings. *Early Childhood Education Journal*, 42(5), 335-342. doi: 10.1007/s10643-013-0612-7

Simpson, A., Blethen, J., & Mokalled, S. (2014). Mathematical modeling of a function. *MathMate*, 36(2), 10-16.

Simpson, A., & Short, A. (2014). Math by the Month: Described by numbers. *Teaching Children Mathematics*, 21(2), 82-83.

Haltiwanger, L., & **Simpson, A.** (2013). Beyond the write answer: Mathematical connections. *Mathematics Teaching in the Middle School*, 18(8), 492-498.

Refereed Book Chapter

Linder, S. M., & **Simpson, A.** (In Press). Connecting the mathematics identity of early childhood educators to classroom experiences for young children. In V. Kinear (Ed.), *Forging Connections in Early Mathematics Teaching and Learning*.

Tyminski, A. M., Land, T. J., Drake, C., Zambak, V. S., & **Simpson, A.** (2014). Pre-service elementary mathematics teachers' emerging ability to write problems to build on children's mathematics. In J. Lo, K. R. Leatham, & L. R. Van Zoest (Eds.), *Research Trends in Mathematics Teacher Education*. New York, NY: Springer.

Refereed Conference Proceedings

Bannister, N., Arbaugh, F., & Simpson, A. (2016). *Pressing methodological boundaries: Analyzing PCK using frame alignment processes*. Proceedings of the 38th Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Tucson, AZ: University of Arizona.

Simpson, A., & Che, S. M. (2015). *Use of I-poems to uncover adolescents' dynamic mathematic identity within single-sex and coeducational classes*. In K. Beswick, K. Muir, & J. Wells (Eds.), Proceedings of the 39th annual meeting of the International Group for the Psychology of Mathematics Education (Vol. 4, pp. 177-184). Hobart, Australia.

Che, S. M., & **Simpson, A.** (2015). *Discursive acts of power: A critical analysis of single-sex and coeducational mathematics classes*. In K. Beswick, K. Muir, & J. Wells (Eds.), Proceedings of the 39th annual meeting of the International Group for the Psychology of Mathematics Education (Vol. 1, p. 153). Hobart, Australia.

Simpson, A., Kombe, D., Che, M., & Bridges, W. (2014). *Adolescent students' perceptions of mathematics and science as a gendered domain*. Proceedings of the 38th annual meeting of the International Group for the Psychology of Mathematics Education and the 36th

annual conference of the North American Chapter of the Psychology of Mathematics Education. Vancouver, Canada.

Haltiwanger, L., & **Simpson, A.** (2014). *Secondary mathematics preservice teachers' noticing of students' mathematical thinking*. Proceedings of the 41st annual meeting of the Research Council on Mathematics Learning. San Antonio, TX.

Linder, S. M., & **Simpson, A.** (2013). *Student teaching experiences and early childhood mathematics pedagogical beliefs: Identifying barriers to success*. Proceedings of the 35th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education. Chicago, IL: University of Illinois at Chicago.

Simpson, A., & Linder, S. (2013). *Investigating providers and recipients perceptions of early childhood professional development in mathematics*. Proceedings of the 35th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education. Chicago, IL: University of Illinois at Chicago.

Other Non-Refereed Publications

Foegen, A., Stecker, P. M., Olson, J., Genareo, V., **Simpson, A.**, & Lyons, R. (2014). *Professional development for algebra progress monitoring: Final grant Report*. Institute of Education Sciences, Award # R324A090295

Simpson, A. (2013). Games in the classroom. *Mathematics Teacher*, 106(6), 404.

Linder, S. M., Rembert, K., **Simpson, A.**, & Ramey, M. D. (2012). *Assessing the landscape of early childhood professional development in South Carolina: Final grant report*. South Carolina Early Childhood Advisory Council: Columbia, SC.

SCHOLARLY PRESENTATIONS

Refereed National/International Conference Papers, Posters, and Presentations

Simpson, A. (2017). *Voice mappings: A Kaleidoscopic view of identity*. Paper presentation at the Thirteenth International Congress of Qualitative Inquiry, Champaign-Urbana, IL

Simpson, A., & Sang, W. (2017). *Function of makerspaces: Learning and engaging with others through making*. Poster presentation at the annual research meeting American Educational Research Association, San Antonio, TX.

- Simpson, A., & Maltese, A. V. (2017).** *STEM identity: How professionals in STEM position their work.* Roundtable presentation at the annual research meeting American Educational Research Association, San Antonio, TX.
- Maltese, A. V., Wohlwend, K., **Simpson, A., & Chamberlain, J. (2017).** *Examining portrayals of STEM in early childhood television programming.* Paper presentation at the annual research meeting American Educational Research Association, San Antonio, TX.
- Hall, A., & **Simpson, A. (2017).** *Crossing the boundaries between knowledge and practice through a university and out-of-school collaboration.* Poster presentation at the annual research meeting American Educational Research Association, San Antonio, TX.
- Simpson, A., Ratliff, C., & Maltese, A. V. (2017).** *Maker educators: Encouraging active, creative, and self-directed students through making in school settings.* Poster presentation at the annual research meeting of the National Association for Research in Science Teaching, San Antonio, TX.
- Simpson, A., Maltese, A. V., & Burris, A. (2017).** *Youth engagement as scientists and engineers within a making-related after-school program.* Paper at the annual research meeting of the National Association for Research in Science Teaching, San Antonio, TX.
- Maltese, A. V., & **Simpson, A. (2017).** *The role of failure in the development of STEM professionals.* Poster presentation at the annual research meeting of the National Association for Research in Science Teaching, San Antonio, TX.
- Bannister, N., Arbaugh, F., & **Simpson, A. (2017).** *The role of reification in analyzing teacher learning.* Paper to be presented at the annual research meeting of the National Council of Teachers of Mathematics, San Antonio, TX.
- Bannister, N., Arbaugh, F., & **Simpson, A. (2016).** *Pressing methodological boundaries: Analyzing PCK using frame alignment processes.* Paper to be presented at the 38th Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Tucson, AZ.
- Simpson, A. (2016).** *Are adolescents' views of mathematics changing?* Research presentation for the annual research meeting of the National Council of Teachers of Mathematics, San Francisco, CA.
- Matthews, G., Bannister, N., & **Simpson, A. (2016).** *Cracking her codes: Investigating technology boundary objects using interaction analysis.* Discussion session for the annual

research meeting of the National Council of Teachers of Mathematics, San Francisco, CA.

Lyons, R., Genareo, V. R., **Simpson, A.**, & Cook, M. (2016). *Engaging the public in scientific research: Public perceptions on motivations to contribute*. Roundtable Presentation for the annual meeting of the American Educational Research Association, Washington, DC.

Linder, S. M., & **Simpson, A.** (2016). *Examining the effects of mathematics professional development in child care settings*. Paper for the annual meeting of the American Educational Research Association, Washington, DC.

Simpson, A., & Che, S. (2015). *Use of I-poems to uncover adolescents' dynamic mathematics identity within single-sex and coeducational classes*. Research report for the annual meeting of the International Group for the Psychology of Mathematics Education, Hobart, Australia.

Che, S., & **Simpson, A.** (2015). *Discursive acts of power: A critical analysis of single-sex and coeducational mathematics classes*. Short oral for the annual meeting of the International Group for the Psychology of Mathematics Education, Hobart, Australia.

Tyminski, A. M., Dede, E., **Simpson, A.**, Land, T. J., & Drake, C. (2015). *Prospective elementary teachers' professional noticing of children's fraction strategies*. Brief Research Report for the annual meeting of the Psychology of Mathematics Education - North American Chapter. East Lansing, MI.

Simpson, A., Che, S., & Bridges, W. (2015). *Students' perceptions of science in single-sex and coeducational science classes in the United States*. Paper accepted for the annual meeting of the National Association for Research in Science Teaching. Chicago, IL.

Simpson, A., & Haltiwanger, L. (2015). *Exploring secondary preservice mathematics teachers' noticing of students' mathematical thinking*. Paper accepted for the annual meeting of the American Educational Research Association. Chicago, IL.

Simpson, A. & Linder, S. M. (2015). *The indirect effect of children's gender on early childhood educators' mathematical talk*. Paper accepted for the annual meeting of the American Educational Research Association. Chicago, IL.

Stecker, P. M., **Simpson, A.**, Lyons, R., Genareo, V., & Foegen, A. (2015). *Teacher use and satisfaction with online professional development for algebra progress monitoring*.

Poster presented at the annual meeting of the Pacific Coast Research Conference.
Coronado, CA.

Haltiwanger, H., & **Simpson, A.** (2015). *Developing secondary mathematics preservice teachers abilities to interpret and respond to students' mathematical thinking*. Paper presented at the annual meeting of the Association of Mathematics Teacher Educators. Orlando, FL.

Linder, S. M., & **Simpson, A.** (2015). *Connecting methods courses and practicum experiences in early childhood mathematics*. Paper presented at the annual meeting of the Association of Mathematics Teacher Educators. Orlando, FL.

Simpson, A., Kombe, D., Che, M., & Bridges, W. (2014). *Adolescent students' perceptions of mathematics and science as a gendered domain*. Poster presented at the annual meeting of the International Group for the Psychology of Mathematics Education, Vancouver, Canada.

Simpson, A., & Che, M. (2014). *A phenomenological study of middle grade female and male students' single-sex mathematical experiences*. Paper presented at the annual meeting of the American Educational Research Association. Philadelphia, PA.

Linder, S. M., & **Simpson, A.** (2014). *Is it enough? Examining opportunities for early childhood educators to engage in mathematics professional development*. Paper presented at the annual meeting of the American Educational Research Association. Philadelphia, PA.

Linder, S. M., Rembert, K., **Simpson, A.**, & Ramey, D. (2014). *Recipient perceptions of early childhood professional development*. Paper presented at the annual meeting of the American Educational Research Association. Philadelphia, PA.

Kombe, D., **Simpson, A.**, & Che, M. (2014). *Single-sex classes and middle grades students' mathematics self concept*. Poster presented at the annual meeting of the National Council of Teachers of Mathematics Research Conference. New Orleans, LA.

Haltiwanger, L., & **Simpson, A.** (2014). *Examining preservice teachers professional noticing*. Paper presented at the annual meeting of the Research Council on Mathematics Learning. San Antonio, TX.

Linder, S. M., Rembert, K., **Simpson, A.**, & Ramey, D. (2013). *Investigating facilitator perceptions of quality and impact of early childhood professional development*. Paper presented at the annual meeting of the National Association of Early Childhood Teacher Educators. Washington D.C.

Linder, S. M., & **Simpson, A.** (2013). *Student teaching experiences and early childhood mathematics pedagogical beliefs: Identifying barriers to success*. Paper presented at the annual meeting of Psychology of Mathematics Education - North American Chapter. Chicago, IL.

Simpson, A., & Linder, S. M. (2013). *Investigating providers and recipients perceptions of early childhood professional development in mathematics*. Poster presented at the annual meeting of Psychology of Mathematics Education - North American Chapter. Chicago, IL.

Linder, S. M., & **Simpson, A.** (2013). *Investigating the influence of early childhood student teaching experiences on mathematics pedagogical beliefs*. Paper presented at the annual meeting of the American Educational Research Association. San Francisco, CA.

Linder, S. M., Rembert, K., **Simpson, A.**, Ramey, D., Brown, B., D'Amico, L., & Miller, K. M. (2013). *Examining professional development for the early care workforce: A multiphase mixed methods exploration*. Poster presented at the annual meeting of the American Educational Research Association. San Francisco, CA.

Linder, S. M., & **Simpson, A.** (2013). *Mathematics pedagogical beliefs and early childhood student teaching*. Poster presented at the annual meeting of the National Council of Teachers of Mathematics. Denver, CO.

Linder, S. M., & **Simpson, A.** (2012). *Examining changes in preservice teacher beliefs relating to early childhood mathematics pedagogy as a result of student teaching*. Paper presented at the annual meeting of the National Association of Early Childhood Teacher Educators. Atlanta, GA.

Refereed Regional Conference Papers, Posters, and Presentations

Simpson, A., & Maltese, A. V. (2016). *Student agency and the role of maker educators*. Presented at ReMake Summit. Santa Rosa, CA.

Simpson, A. (2016). *Educating makers: Encouraging active, creative, and self-directed learners*. Presented at Bay Area Maker Faire. San Mateo, CA.

Simpson, A., & Haltiwanger, L. (2013) *Making mathematical connection through writing*. Presented at the regional meeting of the National Council of Teacher of Mathematics. Baltimore, MD.

Simpson, A. (2012). *Student-centered measurement lessons*. Presented at the regional meeting of the National Council of Teacher of Mathematics. Hartford, CT.

Refereed State Conference Papers, Posters, and Presentations

Simpson, A., & Maltese, A. (2017). *Youth and educators' response to FAILURES within STEM activities*. Presentation at the third annual Indiana STEM Education Conference. West Lafayette, IN.

Maltese, A., & **Simpson, A.** (2016). *Promoting STEM-related practices with a focus on the engineering design process*. Presentations accepted at the Indiana STEM Education Conference. West Lafayette, IN.

Simpson, A., & Haltiwanger, L. (2014). *Developing an equitable lens for teaching mathematics*. Presentation at annual meeting of the South Carolina Council of Teachers of Mathematics. Myrtle Beach, SC.

Haltiwanger, L., & **Simpson, A.** (2014). *Making sense of students' work: Looking for understanding*. Presentation at annual meeting of the South Carolina Council of Teachers of Mathematics. Myrtle Beach, SC.

Lyons, R., **Simpson, A.**, Halter, E., & Stecker, P. (2014) *Online Algebra Progress Monitoring: Helping teachers determine instructional effectiveness*. Poster presentation at the annual meeting of the South Carolina Council for Exceptional Children. Greenville, SC.

Simpson, A., & Haltiwanger, L. (2013). *Use of writing to make mathematical connections*. Presented at annual meeting of the South Carolina Council of Teachers of Mathematics. Greenville, SC.

Simpson, A., & Mokalled, S. (2013). *Utilize the cognitive rigor matrix to pose questions and mathematical tasks*. Presented at annual meeting of the South Carolina Council of Teachers of Mathematics. Greenville, SC.

Simpson, A., & Christopher, J. (2013). *Being responsive to students' perceptions and experiences*. Presented at the annual meeting of the Palmetto State Gender Institute. Spartanburg, SC.

Ramey, D., **Simpson, A.**, & Carter, T. (2013). *Who knew engineering could be so much fun?* Presented at the annual meeting of the South Carolina Early Childhood Association, Charleston, SC.

Simpson, A. (2012). *Student-centered measurement lessons*. Presented at annual meeting of the South Carolina Council of Teachers of Mathematics. Myrtle Beach, SC.

Haltiwanger, L., & **Simpson, A.** (2012). *Proportional reasoning in middle grades*. Presented at annual meeting of the South Carolina Council of Teachers of Mathematics. Myrtle Beach, SC.

Refereed Local Conference Papers, Posters, and Presentations

Stecker, P. M., Simpson, A., Lyons, R., Genareo, V., & Foegen, A. (2015). *Online professional development for algebra progress monitoring: Teacher use and satisfaction*. Poster presented at the annual College of Health and Human Development/School of Education Research Forum. Clemson, SC.

Halter, E., **Simpson, A.**, & Stecker, P. (2014). *Teachers' perceptions of an online professional development system in algebra progress monitoring*. Poster presented at the annual College of Health, Education, and Human Development Forum. Clemson, SC.

Simpson, A., Martinez, E., Reese, K. L., Pindar, L., Fine, C., & Quigley, C. (2013). *The IRB conundrum: The challenges of research in a digital age*. Poster presented at the annual College of Health, Education, and Human Development Forum. Clemson, SC.

GRANTS

Awarded Grant Projects

Title: MAKEngineering Bags: A library program to engage families in making activities

Funding Agency: Institute of Museum and Library Services

Role: Co-Principal Investigator

Amount of Funding: \$24,966

Title: Collaborative Research: EAGER: MAKER: Studying the Role of Failure in Design and Making

Funding Agency: National Science Foundation

Role: Co-Principal Investigator

Amount of Funding: \$186,412

Title: 2014 Advanced Placement (AP) Teacher Institutes

Funding Agency: South Carolina State Department of Education

Role: Aid in writing part of the grant proposal such as the budget and course narratives per AP

course; co-coordinated orientation; contacting publishers and maintaining textbook budget; collecting and writing final evaluations and reports
Amount of Funding: \$60,710

Title: 2014 Advanced Placement (AP) Teacher Institutes
Funding Agency: South Carolina State Department of Education
Role: Aid in writing part of the grant proposal such as the budget and course narratives per AP course; co-coordinated orientation; contacting publishers and maintaining textbook budget; collecting and writing final evaluations and reports
Amount of Funding: \$28,681

Title: 2015 Advanced Placement (AP) Teacher Institutes
Funding Agency: South Carolina State Department of Education
Role: Aid in writing part of the grant proposal such as the budget and course narratives per AP course; co-coordinated orientation; maintain textbook budget
Amount of Funding: \$83,525

Title: 2015 Advanced Placement (AP) Teacher Institutes
Funding Agency: South Carolina State Department of Education
Role: Aid in writing part of the grant proposal such as the budget and course narratives per AP course; co-coordinated orientation; maintain textbook budget
Amount of Funding: \$45,889

Pending Grant Proposals

Title: Strategies: Engineering a Community-Family Partnership: Developing a Program aimed at Making and Design Practices in Home Environments
Funding Agency: National Science Foundation
Role: Principal Investigator
Amount of Funding: \$326,575

TEACHING AND ADVISING

Courses

Fall 2017	Curriculum and Teaching in Mathematics
Fall 2017	Mathematics Content for Secondary Teaching
Fall 2017	Philosophical & Social Issues in Education

Spring 2017	Teaching Mathematics in the Elementary Schools
Spring 2017	Teaching Elementary School Mathematical Problem Solving
Fall 2016	Teaching Mathematics in the Elementary Schools
Fall 2016	Teaching Mathematics in the Secondary Schools
Fall 2016	Classroom Management
Fall 2013	Teaching Secondary Mathematics
Fall 2014	Teaching Methods and Strategies for Secondary Mathematics

Supervising

Spring 2017	Secondary Mathematics Field Experience
Fall 2016	Secondary Mathematics Field Experience
Spring 2015	Student Teacher Supervisor – Secondary Mathematics
Spring 2013	Student Teacher Supervisor – Secondary Mathematics

SERVICE

Reviewer, Journals and Other Publications

January 2017	<i>Journal of Mathematics Teacher Education</i>
December 2016	<i>Teaching Children Mathematics</i>
October 2016	<i>Journal of Mathematics Teacher Education</i>
October 2016	<i>Learning and Individual Differences</i>
June 2016	<i>Educational Research and Reviews</i>
March 2015	Chapter Proposals for Teaching Noticing Monograph
February 2015	<i>Early Childhood Education Journal</i>
July 2014 – Present	<i>The MathMate</i>

September 2013 *Mathematics Teaching in the Middle School*

August 2012 *Mathematics Teacher*

Reviewer, Conference Proposals

August 2017 American Education Research Association (AERA)

September 2014 - National Association for Research in Science Teaching (NARST)
Present International Research Conference

November 2013 - Research Council on Mathematics Learning (RCML) Research
Present Conference

August 2013 - National Council of Teachers of Mathematics (NCTM) Research
Present Conference

June 2013 - Association of Mathematics Teacher Educators (AMTE) Research
Present Conference

March 2013 - North American Chapter of the International Group for the Psychology of
Present Mathematics Education (PME-NA) Research Conference

Reviewer, Grant Proposals

August 2016 Austrian Science Fund (FWF)

Other

Present Inservice Teacher Education & Professional Development Strand Leader
for PME-NA 2017 Annual Conference to be held in Indianapolis, IN

Present Program Committee for PME-NA 2017 Annual Conference to be held in
Indianapolis, IN

September 2015 LIFE: A professional development partnership between three local school
July 2016 districts
Indiana University; Bloomington, IN

June 2014 Project WISE (Women in Science & Engineering) & We Do Math
summer camps
Clemson University; Clemson, SC

September 2013 - August 2014 Consultant for Young Men's Christian Association (YMCA)
Greenville County, SC

PROFESSIONAL MEMBERSHIPS

2005 – Present National Council of Teachers of Mathematics (NCTM)

2012 – Present American Educational Research Association (AERA)

2012 – Present Association of Mathematics Teacher Educators (AMTE)

2012 – Present Psychology of Mathematics Education - North American Chapter (PME-NA)

2017 – Present National Association for Research in Science Teaching (NARST)

2012 – 2013 South Carolina Association of Mathematics Teacher Educators (SCAMTE)

2014 – 2015 Association for Women in Mathematics (AWM)