

Liza M. Bondurant

Academic History:

Ph.D., Mathematics Education, University at Albany, SUNY, 2013.
M.S., Secondary Math Education, University at Albany, SUNY, 2006.
B.S., Mathematics, University at Albany, SUNY, 2005.

Professional Experience:

2023 - Present	Associate Professor	Mississippi State University
2013 - 2023	Associate Professor	Delta State University
2012 - Present	Facilitator, Writer, Editor	Illustrative Mathematics
2020 - 2022	Writer	Math Nation
2019 - 2020	Tutor, Grader	Art of Problem Solving
2019 - 2020	Reviewer	EdReports
2014 - 2018	Writer, Webmaster, Instructor	Math Science Partnership
2016 - 2018	Editor for College Textbooks	CK-12
2009 - 2013	Instructor, Research Assistant	University at Albany, SUNY
2009 - 2011	Instructor	John Hopkins University
2009 - 2012	Substitute Teacher	HFM Boces
2006 - 2009	Math Teacher	Taconic Hills CSD
2005 - 2006	Math Teacher	Albany CSD

Print Publications:

- Bondurant, L.,** Wilburne, J., & Franz, D. (Invited to Resubmit). Critical conversations to foster the development of educator mindsets for equity. *Mathematics Teacher Educator*.
- Bondurant, L.,** Bertolone-Smith, C., Troup, J., Poling, L., Soto, H., & Moss, D. (Invited to Resubmit). Expanding units construction & coordination assessment: Exploring the role of embodiment & teacher noticing. *Investigations in Mathematics Learning*.
- Bondurant, L.,** & Bailey, A. (Submitted for Initial Review). Building thinking classrooms: A collaborative self-study. *Teaching for Excellence and Equity in Mathematics*.
- Bondurant, L.** (2023). (Submitted for Initial Review). LGBTQ+ and race vignettes. *Mathematics Teacher Educator*.
- Sapkota, B., & **Bondurant, L.** (Submitted for Initial Review). Affordances and limitations of using video conferencing platforms to self-capture instruction. *Mathematics Teacher Educator*.
- Bondurant, L.,** Rutherford, R., & Sharp, S. (Submitted for Initial Review). Integrating pedagogy and mathematics content in a content-focused professional development. *Mathematics Teacher Educator*.
- Bondurant, L.,** Hessney, S., & Somersille, S. (Submitted for Initial Review). Enhancing critical statistical literacy with WGOITGraph? *Mathematics Teacher: Learning and Teaching PK-12*.
- Bondurant, L.,** Dean, L., Putnam, C., Hudson, R., & Balducci, P. (Revised and Resubmitted). Embodied explorations of slope. *Mathematics Teacher: Learning and Teaching PK-12*.
- Bondurant, L.,** & Roscioli, K. (Revised and Resubmitted). Escape the crop circle conundrum. *Mathematics Teacher: Learning and Teaching PK-12*.
- Dean, L., **Bondurant, L.,** & Virden, C. (Minor Revisions Decision, Revised & Resubmitted). Impact of after-school math club on elementary student math anxiety. *Journal of Math Circles*.
- Bondurant, L.,** & McConchie, L. (Minor Revisions Decision, Revised & Resubmitted). Drawing a positive math identity. *Mathematics Teacher: Learning and Teaching PK-12*.
- Bondurant, L.,** & Dean, L. (Forthcoming). Catapults, bouncy dice, and glowsticks: Coaching a crazy 8s club. *MAA FOCUS*, Mathematics Association of America.
- Boyd, S., **Bondurant, L.,** & Johnson, A. (Forthcoming). Adapt it! Create your own skyscraper puzzles. *Mathematics Teacher: Learning and Teaching PK-12*.
- Bondurant, L.** (Forthcoming). Fighting shadows: Shedding light on academic bullying, empowering reflection, and igniting courage. In Nank, S., & Murawska, J. (2024). *Empathetic Storytelling*. Brill.
- Bondurant, L.** (Forthcoming). Designing a gingerbread house. In Ferguson, S., & Polojac-Chenoweth, D. (2024). *PBI snapshots: Using problem-based instruction in short, standards-connected lessons*, Teachers College Press.
- Bondurant, L.,** & Young, J. (Forthcoming). Sorting out equity: The q-sort method in mathematics education research. *Journal of Urban Mathematics Education*. <https://jume-ojs-tamu.tdl.org/jume/>
- Lee, C., **Bondurant, L.,** Sapkota, B., Howell, H., & Lai, Y. (2023). Final report: Conceptualizing ethics, authenticity, and efficacy of simulations in teacher education. In T. Lamberg, & D. Moss (Eds.). *Proceedings of the forty-fifth*

- annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education. University of Nevada, Reno. <https://www.pmena.org/proceedings/>
- Sapkota, B., Lee, C., **Bondurant, L.**, & Howell, H. (2023). Approximations of practice and equity: Surveying the spaces. In T. Lamberg, & D. Moss (Eds.). *Proceedings of the forty-fifth annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*. University of Nevada, Reno. <https://www.pmena.org/proceedings/>
- Bondurant, L.**, Moss, D., Bertolini-Smith, C., Poling, L., Soto, H., & Troup, J. (2023). Promoting rehumanizing mathematics through embodied-focused noticing. In T. Lamberg, & D. Moss (Eds.). *Proceedings of the forty-fifth annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*. University of Nevada, Reno, 514-519. <https://www.pmena.org/proceedings/>
- Bondurant, L., & Rivera, S. (2023). Catalyzing change for equitable participation. *Journal of Practitioner Research*. 8(2), 1-20. <https://digitalcommons.usf.edu/jpr/vol8/iss2/3>
- Bondurant, L.** & Reinholz, D. (2023). “Rahul is a math nerd” and “Mia can be a drama queen”: How mixed-reality simulations can perpetuate racist and sexist stereotypes, *Mathematics Teacher Educator*, 11(3), 189-209. <https://doi.org/10.5951/MTE.2021-0041>. [First Podcast Interview](#). [Second Podcast Interview](#)
- Brooks, L. A., Dixon, J. K., & **Bondurant, I. b. L.** (2023). “Changing the rules to increase discourse,” *Mathematics Teacher: Learning and Teaching PK-12*, 116(6), 470-477. <https://doi.org/10.5951/MTLT.2023.0087>
- Casey, S., **Bondurant, L.**, & Ross, A. (2023). Engaging teachers in the combination of statistical investigation and social justice: Fairness in school funding. *Mathematics Teacher Educator*, 11(2), 139-142. <https://doi.org/10.5951/MTE.2022.0016>. [Podcast Interview](#).
- Bondurant, L.**, Howell, H., Kwon, M., Wilkerson, C.L., Lai, Y., & Sapkota, B. (2022). Final report: Preservice teacher learning of practice through simulated teaching experiences before, during, and after COVID. In Lischka, A. E., Dyer, E. B., Jones, R. S., Lovett, J., Strayer, J., & Drown, S. (2022). *Proceedings of the forty-fourth annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*. Middle Tennessee State University, 2119-2125. <https://www.pmena.org/proceedings/>
- Wilkerson, C. L., **Bondurant, L.**, Lai, Y., Howell, H., Sapkota, B., & Kwon, M. (2022). Conceptualizing ethics, authenticity, and efficacy of simulations in teacher education. In Lischka, A. E., Dyer, E. B., Jones, R. S., Lovett, J., Strayer, J., & Drown, S. (2022). *Proceedings of the forty-fourth annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*. Middle Tennessee State University, 2126-2128. <https://www.pmena.org/proceedings/>
- Bondurant, L.** (2022). *Happy world teacher’s day*. Wiley. [Linkin](#), [Twitter](#), [Facebook](#), and [Instagram](#).
- Bondurant, L.**, & Roscioli, K. (2022). Preservice teachers’ perceptions of how virtual manipulatives promote equity. *AMTE Tech Talk*. <https://amte.net/tech-talk>
- Bondurant, L.** (2022). Integrating community connections: The development of a teacher candidate’s skills. *Association of Mathematics Teacher Educators Connections*, 32(3), 1-5. <https://amte.net/connections/2022/08/connections-thematic-articles-integration-mathematics-teacher-education>
- Bondurant, L.** (2022). *Becoming a more equitable math educator*. STEM Teacher Leadership Network. <https://stemtlnet.org/video-showcase/becoming-more-equitable-math-educator.html>
- Bondurant, L.**, Dean, L., & Hudson, R. (2022). Gender gap and pay. In Berry, R. Q., Conway, B. M., Lawler, B., & Staley, J. W., *Middle school mathematics lessons to explore, understand, and respond to social injustice*. Corwin Press. <https://us.corwin.com/books/middle-school-math-lessons-276346#contents>
- Bondurant, L.**, Weber, M., Kane, G., & Groh, S. (2022). Undergraduate students’ perceptions of interactive instructional videos. In E. Langran (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 702-706). San Diego, CA, United States: Association for the Advancement of Computing in Education (AACE). <https://www.learntechlib.org/noaccess/220816/>
- Bondurant, L.** (2022). IM curriculum provides everything but the kitchen sink needed for lesson planning. *Illustrative Mathematics*. <https://illustrativemathematics.blog/2022/03/30/im-curriculum-provides-everything-but-the-kitchen-sink-needed-for-lesson-planning/>
- Mikeska, J. N., Webb, J., **Bondurant, L.**, Kwon, M., Imasiku, L., Domjan, H. N., & Howell, H. (2022). Using and adapting simulated teaching experiences to support preservice teacher learning. In *Redefining teacher education and teacher preparation programs in the post-COVID-19 era* (pp. 46-78). IGI Global. <https://doi.org/10.4018/978-1-7998-8298-5>
- Bondurant L.**, & Amidon J. (2021) Virtual field experiences as an opportunity to develop preservice teachers’ efficacy and equitable teaching practice. In Hollebrands K., Anderson R., Oliver K. (eds) *Online learning in mathematics education*. Research in Mathematics Education. Springer, Cham. https://doi.org/10.1007/978-3-030-80230-1_16
- Bondurant, L.**, Howell, H., Kwon, M., Wilkerson, C.L., & Lai, Y. (2021). Preservice teacher learning of practice through simulated teaching experiences before, during, and after COVID. In Olanoff, D., Johnson, K., & Spitzer, S. M. (2021). *Proceedings of the forty-third annual meeting of the North American Chapter of the International Group*

- for the *Psychology of Mathematics Education*. Philadelphia, PA., 1938-1940.
<https://www.pmena.org/proceedings/>
- Kwon, M., Webb, J., Howell, H., Mikeska, J., **Bondurant, L.**, Imasiku, L., & Domjan, H. (2021). Designing and adapting simulated teaching experiences for preservice teacher learning of practice. In E. Langran & L. Archambault (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 1264-1268). Online, United States: Association for the Advancement of Computing in Education (AACE).
<https://www.learntechlib.org/primary/p/219282/>
- Bondurant, L.**, Poling, L., & Moss, D. (2020). [Using video analysis to improve preservice elementary teachers' noticing skills](#). In Sacristán, A.I., Cortés-Zavala, J.C. & Ruiz-Arias, P.M. (Eds.). (2020). *Mathematics education across cultures: Proceedings of the 42nd Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*, Mexico. Cinvestav / AMIUTEM / PME-NA, 1461-1468.
<https://www.pmena.org/proceedings/>
- Bondurant, L.** (2020). [Reflections on changes in field-related experiences during COVID-19](#). *Association of Mathematics Teacher Educators Connections*, 30(2), 1-4. <https://amte.net/connections/2020/11/connections-thematic-articles-voices-field>
- Bondurant, L.**, Poling, L., & Moss, D. (2020). [An analysis of preservice elementary teachers' professional noticing skills in a mathematics education setting](#). *Journal of Practitioner Research*, 5(2). <https://doi.org/10.5038/2379-9951.5.2.1156>
- Bondurant, L.**, & Odenwald, S. (2020). [The aurora borealis: Dazzling STEM activity](#). *Science Teacher*, 88(2). 54-62.
<https://www.nsta.org/science-teacher/science-teacher-novemberdecember-2020/aurora-borealis>
- Bondurant, L.** (2020). [Equitable mathematics classroom discourse](#). *Journal of Practitioner Research*, 5(2).
<https://doi.org/10.5038/2379-9951.5.2.1146>
- Bondurant, L.** (2020). *Crop circle mystery*. BreakoutEDU. <https://platform.breakoutedu.com/game/crop-circle-mystery>
- Bondurant, S., McKinney, T., **Bondurant, L.**, & Fitzpatrick, L. (2020). [Evaluation of a Benzalkonium Chloride Hand Sanitizer in Reducing Transient Staphylococcus aureus Bacterial Skin Contamination in Health Care Workers](#). *American Journal of Infection Control*. 48(5), 522-526. <https://doi.org/10.1016/j.ajic.2019.08.030>
- Bondurant, L.**, Putnam, C., & Townsend, C. (2019). The impact of inquiry-based learning techniques in college algebra. *Proceedings of the Louisiana-Mississippi Section of the Mathematical Association of America*. <https://www.lams.maa.org/meeting>
- Bondurant, L.** (2019). Alt Text writer for [6-8](#) & [9-12](#) Curriculum. *Illustrative Mathematics*.
- Bondurant, L.** (2018). A-Maize-ing mathematics, *The Mathematics Teacher*, 111(7), 540-544.
<https://doi.org/10.5951/mathteacher.111.7.0540>
- Evans, P., Germain-Williams, T., Suominen, A. (2017). *College Pre-Calculus*. (**L., Cope**, & E. Serocki, Eds.).
<https://www.ck12.org/book/CK-12-College-Precalculus/>
- Krams, E. (2017). *Elementary and Intermediate College Algebra*. (**L., Cope**, M. Saucedo, & E. Serocki, Eds.).
<https://www.ck12.org/book/CK-12-Elementary-and-Intermediate-College-Algebra/r15/>
- Cope, L.** (2017). A circle in the delta: Extending a math science partnership. *Math Circular*. American Institute of Mathematics, 8-9. <https://drive.google.com/file/d/13D7g6etU-of2kVvCEiup17VxYz-7Xw1U/view>
- Cope, L.** (2017). Pizza Options. *The Mathematics Teacher*, 110(6), 108-110.
<https://doi.org/10.5951/mathteacher.110.6.0408>
- Cope, L.**, Failing, D., & Long, N. (2015). [Many voices are greater than one](#). *Math Ed Matters*.
<https://maamathedmatters.blogspot.com/2015/10/many-voices-are-greater-than-one.html>
- Cope, L.**, & Huber, J. (2015). The impact of a professional development program on middle school math teachers' pedagogical content knowledge. *Delta Journal of Education*. 5(2), 19-32.
https://www.academia.edu/19886680/The_Impact_of_a_Professional_Development_Program_on_Middle_School_Math_Teachers_Pedagogical_Content_Knowledge?source=swp_share
- Cope, L.** (2015). Math manipulatives: Making the abstract tangible. *Delta Journal of Education*. 5(1), 10-19.
https://www.academia.edu/19886655/Math_Manipulatives_Making_the_Abstract_Tangible?source=swp_share
- Cope, L.** (2014). Task analysis and implementation activities as vehicles for middle school math teacher growth. *Delta Journal of Education*. 4(2), 11-23.
https://www.academia.edu/19886642/Task_Analysis_and_Implementation_Activities_as_Vehicles_for_Middle_School_Math_Teacher_Growth?source=swp_share
- Cope, L.**, & Bussiere, K. (2014). Teachers' perceptions of the characteristics of highly effective coaches. *Delta Journal of Education*. 4(1), 1-13.
https://www.academia.edu/19886631/Teachers_Perceptions_of_the_Characteristics_of_Highly_Effective_Coaches?source=swp_share
- Cope, L.** (2013). The impact of teachers' characteristics and self-reported emphasis on standards-based mathematics practices on students' algebra achievement. *Delta Journal of Education*. 3(2), 1-15.

Cope, L. (2013). *The impact of teachers' characteristics and self-reported practices on students' Algebra achievement* (Doctoral dissertation). <https://www.proquest.com/docview/1353672093>

Peer Reviewed Presentations:

- Bondurant, L.**, Simić-Muller, K., Weiland, T., & Fernandes, A. (Submitted, will be held February 22-24, 2024). *No nudging: Teacher candidates' initial noticings of an interactive data dashboard presenting racial disparities in school discipline*. Special Interest Group of the Mathematical Association of America on Research in Undergraduate Mathematics Education (SIGMAA on RUME) Annual Conference. Lincoln, NE.
- Bondurant, L.**, Benoit, G., Young, J., Howell, H., Wilburne, J., Franz, D., & Jakobson, E. (Accepted, will be held February 9, 2024). *Promoting growth through critical transformative pedagogies of practice*. Association of Mathematics Teacher Educators Annual Meeting. Orlando, FL.
- Bay Williams, J., **Bondurant, L.**, Lai, Y., & Velasco, R. (Invited opening session speaker, February 8, 2024). *The AMTE standards for preparing teachers of mathematics: Revisiting the standards in 2024*. Association of Mathematics Teacher Educators Annual Meeting. Orlando, FL. <https://amte.net/content/2024-annual-amte-conference>
- Cook, C., & **Bondurant, L.** (Accepted, Will be held November 11, 2023). *Population education*. Mississippi Council of Teachers of Mathematics Annual Conference. Oxford, MS.
- Bondurant, L.**, Moss, D., Bertolone-Smith, C., Poling, L., Soto, H., & Troup, J. (Accepted, will be held October 3, 2023). *Rehumanizing mathematics through embodiment-focused noticing*. Annual Conference of the North American Chapter of the International Group of Psychology of Mathematics Education. Reno, NV.
- Sapkota, B., Lee, C., **Bondurant, L.**, & Howell, H. (Accepted, will be held October 2-4, 2023). *Approximations of practice and equity: Surveying the spaces*. Annual Conference of the North American Chapter of the International Group of Psychology of Mathematics Education. Reno, NV.
- Bondurant, L.**, Troup, J., & Soto, H. (2023). *Rehumanizing mathematics through embodied-focused noticing*. MAA MathFest. Tampa, FL.
- Bailey, A., & **Bondurant, L.** (2023). *Building thinking classrooms: A collaborative self-study*. Louisiana/Mississippi Section of the Mathematics Association of America. Oxford, MS.
- Bondurant, L.**, Wilburne, J., & Franz, D. (2023). *Using the FAIR framework to engage in critical conversations and foster the development of educator mindsets for equity*. Association of Mathematics Teacher Educators Annual Meeting. New Orleans, LA.
- Anhalt, C., **Bondurant, L.**, Casey, S., Cortez, R., Kohler, B., & Tidwell, W. (2023). *Advancing content knowledge together with critical consciousness in teacher preparation*. Association of Mathematics Teacher Educators Annual Meeting. New Orleans, LA.
- Wilkerson, C.L., **Bondurant, L.**, Lai, Y., Howell, H., Sapkota, B., & Kwon, M. (2022). *Conceptualizing ethics, authenticity, and efficacy of simulations in teacher education*. 44th Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education. Nashville, TN.
- Bondurant, L.**, Dean, L., & Putnam, C. (2022). *A more positive approach to slope*. Mississippi Council of Teachers of Mathematics Conference. Pearl, MS.
- Bondurant, L.** (2022). Invited talk. *Persistence through leadership and solutions*. Sponsored by Wiley Publishing at [Reunite, Reconnect, Re-ignite North American Sales Meeting](#) in Key Biscayne, FL.
- Bondurant, L.** (2022). Invited talk. *Mathematical mindsets to promote equity*. Sponsored by The North Mississippi Education Consortium at [For the Love of Math](#) conference in Oxford, MS.
- Bondurant, L.**, Weber, M., Kane, G., & Groh, S. (2022). *Undergraduate students' perceptions of interactive instructional videos*. Society for Information Technology & Teacher Education Conference. San Diego, CA.
- Amidon, J., **Bondurant, L.**, & Franz, D. (2022). *Get the facts out on math teacher recruitment & retention*. Mississippi Council of Teachers of Mathematics Conference. Perkinson, MS.
- Bondurant, L.**, & Rivera, S. (2022). *Reflecting on implicit biases & participation patterns*. Association of Mathematics Teacher Educators Conference. Henderson, NV.
- Franz, D., & **Bondurant, L.** (2022). *Mathematics teacher education partnership: Collaborating to address common challenges*. Association of Mathematics Teacher Educators Conference. Henderson, NV.
- Bondurant, L.**, & Amidon, J. (2022). *Uncovering implicit biases to use more equitable teaching practices*. National Council of Teachers of Mathematics Regional Conference. New Orleans, LA.
- Bondurant, L.**, Howell, H., Kwon, M., Wilkerson, C.L., & Lai, Y. (2021). *Preservice teacher learning of practice through simulated teaching experiences before, during, and after COVID*. 43rd Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education.

- Bondurant, L., Poling, L., & Moss, D.** (2021). *Using video analysis to improve preservice elementary teachers' noticing skills*. 42nd Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education.
- Truitt, T., & **Bondurant, L.** (2021). *Selecting quality materials to increase equity and access for students*. National Council of Teachers of Mathematics Conference. Atlanta, GA.
- Bondurant, L.** (2021). *Gaining confidence, knowledge, and skills through virtual rehearsals* in Symposium "Opportunities and Challenges Associated with Approximations of Practice in Teacher Education Programs." American Educational Research Association Virtual Conference.
- Kwon, M., Howell, H., Mikeska, J., Webb, J., **Bondurant, L.**, Imasiku, L., & Domjan, H. (2021). *Designing and adapting simulated teaching experiences for preservice teacher learning of practice*. Society for Information Technology & Teacher Education International Virtual Conference.
- Bondurant, L.** (2021). *Virtual rehearsals: Using a virtual classroom to improve mathematics teaching efficacy and practice*. Association of Mathematics Teacher Educators Virtual Conference.
- Poling, L., **Bondurant, L.**, & Moss, D. (2021). *Video analysis: Developing prospective elementary teachers' noticing*. Association of Mathematics Teacher Educators Virtual Conference.
- Bondurant, L.** (2020). Invited talk. *Effective group learning in the STEM classroom*. Wiley Publishing Higher Education STEM Teaching Conference. San Antonio, TX.
- Bondurant, L.** (2020). *Quantifying participation patterns in mathematics classroom discourse: A self study*. Association of Mathematics Teacher Educators Conference. Phoenix, AZ.
- Viriden, L., & **Bondurant, L.** (2019). *Crazy 8's: Season 2*. Mississippi Council of Teachers of Mathematics. Hattiesburg, MS.
- Bondurant, L.**, Putnam, C., & Townsend, C. (2019). *The impact of IBL on student success*. Louisiana/Mississippi Section of the Mathematics Association of America Conference. Clinton, MS.
- Bondurant, L.** (2019). *How do AMTE affiliates apply problem solving processes to current issues in mathematics education?* Association of Mathematics Teacher Educators Conference. Orlando, FL.
- Bondurant, L.** (2018). *Panther hunt*. National Council of Teachers of Mathematics Regional Conference. Kansas City, MO.
- Viriden, L., & **Bondurant, L.** (2018). *Crazy 8's: Making math as great as dessert!* Mississippi Council of Teachers of Mathematics, Columbus, MS.
- Bondurant, L.** (2018). *Building rural K-8 math teachers' confidence, knowledge, and skills*. Association of Mathematics Teacher Educators Conference. Houston, TX.
- Bondurant, L.** (2018). *Lessons from Japanese Math Education*. Japan Studies Institute. San Diego, CA. <https://aascu.sdsu.edu/2018JSI/Fellows&Projects.html>
- Cope, L.**, & Viriden, L. (2017). *Monogramming math*. Mississippi Council of Teachers of Mathematics Conference. Madison, MS.
- Cope, L.**, & Griffin, L. (2017). *Do you "read" math? YES! ...through literature*. National Council of Teachers of Mathematics Conference. San Antonio, TX.
- Cope, L.** (2016). *How integrating IBL & TBL has transformed my classes*. National Council of Teachers of Mathematics Regional Conference. Phoenix, Arizona.
- Cope, L.** (2016). *Response tools, learning games, and apps... oh my!* Mississippi Council of Teachers of Mathematics Conference. Ellisville, MS.
- Cope, L.**, Hebert, D., Lott, K., Belenchia, E. (2016). *Impact of MSP on middle school math teachers' pedagogical content knowledge (PCK)*. U.S. Department of Education's Mathematics and Science Partnerships (MSP) Conference. Baltimore, MD.
- Cope, L.** (2016). *Readiness assurance process (RAP)*. LA/MS Annual Section MAA Meeting. Shreveport, LA.
- Cope, L.** (2015). *Teachers' perceptions of the characteristics of highly effective coaches*. National Council of Teachers of Mathematics Regional Conference. Nashville, TN.
- Cope, L.** (2015). *Engaging middle school probability and statistics rasks*. Mississippi Council of Teachers of Mathematics. Oxford, MS.
- Cope, L.**, Rivera, S. (2015). *Virtual and concrete educational games for science and mathematics*. New York State Master Teacher Program Saturday Workshops. University at Albany. Albany, NY.
- Cope, L.** (2015). *Technology tools for engaged learning*. Technology in Teaching Symposium. Cleveland, MS.
- Cope, L.**, Veiga, D. (2015). *Introduction to GeoGebra*. Louisiana/Mississippi Section of the Mathematics Association of America Conference. Gulfport, MS.
- Cope, L.** (2014). *The use of task analysis and implementation model*. U.S. Department of Education's Math Science Partnership Conference. Washington, DC.
- Cope, L.**, Viriden, L. (2014). *Nailing math*. Mississippi Council of Teachers of Mathematics Conference. Clinton, MS.

- Cope, L.** (2014). *Inquiry into teaching and learning: Analysis of instruction and student work*. Mississippi Association of Mathematics Teacher Educators Conference. Oxford, MS.
- Cope, L.** (2014). *The impact of teachers' characteristics and self-reported standards-based practices on students' algebra achievement*. American Education Research Association Annual Meeting. Philadelphia, PA.
- Cope, L.** (2014). *Tessellations*. Mathematics Association of America Student Chapter Meeting. Cleveland, MS.
- Cope, L.** (2013). *Unpacking the common core state standards*. Mississippi Council of Teachers of Mathematics. Biloxi, MS.
- Cope, L.** (2013). *The impact of technological resources on student's mathematics achievement*. National Assessment of Educational Progress (NAEP) High School Transcript Study (HSTS) 2009 Database Training Seminar, Washington, DC.
- Cope, L.** (2013). *Teaching for mathematical proficiency*. Hudson Valley Association of Mathematics Teachers of New York State Conference. Albany, NY.
- Cope, L.** (2013). *Teaching for mathematical proficiency*. Institutions and Societies Graduate Student Conference. Albany, NY.
- Cope, L.** (2011). *Mathematical identity*. Hudson Valley Association of Mathematics Teachers of New York State Conference. Schenectady, NY.
- Cope, L.** (2010). *A graduate student with pedagogical expertise's perceptions of the roles of the students and teacher in an ideal secondary mathematics classroom*. Albany Consortium for Research in Instructional Design and Technology. Albany, NY.
- Cope, L.** (2010). *Self-regulated learning, reflective learning journals and teaching mathematics for understanding Online*. Teachers College at Columbia University Educational Technology Conference. Columbia University, NYC.
- Cope, L.** (2005). *Knot theory*. Hudson River Undergraduate Mathematics Conference. Williamstown, MA.

Podcast Interviews:

- Casey, S., & Bondurant, L. (2023). Engaging Teachers in the Combination of Statistical Investigation and Social Justice: Fairness in School Funding. Thanheiser, E., *Mathematics Teacher Educator Podcast*. <https://mtepodcast.amte.net/50>
- Bondurant, L., & Reinholz, D. (2023). Fixing Bias in Teacher Training Simulations. Lesser, M., *No Such Thing: Education in the Digital Age Podcast*. <https://shows.acast.com/5985c925950a13467cfb1e04/episodes/bias-in-teacher-training-simulations>
- Bondurant, L., & Reinholz, D. (2023). "Rahul is a Math Nerd" and "Mia Can Be a Drama Queen": How Mixed-Reality Simulations Can Perpetuate Racist and Sexist Stereotypes. Thanheiser, E., *Mathematics Teacher Educator Podcast*. <https://mtepodcast.amte.net/54>

Awards:

- College Teacher of the Year, Mississippi Council of Teachers of Mathematics, 2020.
- STEM Hall of Femme, Wiley Publishing, 2021.
- Selected to be featured in Association of Colleges and University Educators (ACUE) Best Practices in Teaching Online video series, 2020.
- Best Overall Higher Education Course, Mathematics Through Problem Solving, John Wiley & Sons Publishing Company, 2018.
- Connected Educator Certificates of Recognition, Delta State University and Ellucian, 2015 – 2023.
- Inducted into the *Kappa Mu Epsilon* National Mathematics Honor Society, 2014.
- Mathematics Association of America Louisiana/Mississippi Section NExT Fellow, 2014 – 2015.
- Education Theory and Practice Graduate Scholarship, 2009 – 2013.
- Advisor of *Odyssey of the Mind* Regional Champions, 2008 – 2009.
- Mary M. Briggs Scholarship, 2005 – 2006.

External Grants Awarded:

- [NCTM MET Opening Gates for Prospective Teachers](#), 2022-2023.
- [NSF-DUE, Grant #1835409](#), "Embodied Mathematical Imagination and Cognition: Professional Development for Undergraduate Mathematics Instructors: (EMIC PD-4UMI)." Funded research with [Hortensia Soto](#) (Colorado State University) and [Jonathan Troup](#) (California State University, Fullerton), May 2022 - present.
- Awarded [\\$3,500 travel grant](#) from the American Mathematical Society (AMS) and National Science Foundation (NSF) to attend the [International Congress of Mathematics](#) (NSF) in St. Petersburg, Russia in July 6-14, 2022. Did not attend due to a [Russia Travel advisory](#).
- Selection as a research participant on the following NSF-funded projects (#1726252, #2032179, #1625784, #625713):

1. NSF IUSE [Grant](#) “Mathematics of Doing, Understanding, Learning and Educating for Secondary Schools,” 2021-2022.
2. NSF RAPID [Grant](#) “Leveraging Simulated Classrooms as Practice-Based Spaces for Preservice Elementary Teachers within Online Teacher Education Courses,” 2020-2021.
3. NSF DUE Grant “[The Elementary Mathematics Project](#),” 2018-2019.
4. NSF IUSE [Grant](#) “Enhancing Statistics Teacher Education with E-Modules,” 2016.

Mississippi Council of Teachers of Mathematics Classroom Grant, \$500 to fund my projects “Survival Kits and Support Network for First Year Teachers,” October 2020.

Wiley Stay the Course grants to support student persistence: \$200 in 2020 (Brittney Gill Johns); \$500 in 2021 (Miltisha Nelson); \$500 in 2022 (Ashley Bailey).

Wiley Stay the Course travel grant for student (Miltisha Nelson) and I to present at a conference at the Ritz-Carlton, Key Biscayne, FL in June 2022.

U.S. Department of Education, Math Science Partnership (MSP) Grant (CFDA:84.366B). MSP team was awarded two consecutive grants (2012-2015 and 2015-2018) to fund a professional development program for mathematics teachers in the Mississippi Delta. The amount of the grants was \$924,096 and \$1,118,351.80, respectively. I contributed to the writing of the grant and curriculum, delivery of the curriculum, and analysis of the outcome measures.

American Association of State Colleges and Universities (AASCU) scholarship & grant to attend [2018 Japan Studies Institute](#), San Diego State University.

Phil Hardin Foundation grant for \$4,000 to fund hosting the annual symposium for the Mississippi Association of Mathematics Teacher Educators (MAMTE) at Delta State University, January 2016.

National Science Foundation early career travel scholarship for \$500 to attend a four-day summer [Inquiry Based Learning](#) workshop at California Polytechnical Institute, July 2015.

American Institute of Mathematics [Math Teachers’ Circle](#) Seed Grant for \$2,000 to support Mississippi Delta Math Teachers’ Circle Summer 2015 Immersion Program and meetings during the 2015-2016 school year.

U.S. Department of Education technology grant for a "Smart Board" and "Senteo Interactive Devices" for action research in my classroom, 2008-2009.

U.S. Department of Education funded a summer assessment project to create formative assessments based on New York State 3-8 Assessments, 2008-2009.

U.S. Department of Education funded summer curriculum project to create a curriculum for the Mathematics Department, 2007, 2008.

Donor's Choose funded Hook Students to Algebra with Technology project, 2007-2009. The grant was used to purchase a Discovery Learning Series of video that connected math to real world applications.

Professional Organizations:

Association of Mathematics Teacher Educators, 2015 – present.

Mississippi Association of Mathematics Teacher Educators, 2013 – present.

National Council of Teachers of Mathematics, 2009 – present.

Mississippi Council of Teachers of Mathematics, 2013 – present.

Mathematics Association of America, 2023 – present.

Louisiana Mississippi Section of Mathematics Association of America, 2013 – present.

American Educational Research Association, 2009 – 2014.

Association of Mathematics Teachers of New York, 2011 – 2013.

Service to the University:

Program Coordinator for Secondary Mathematics, 2014 – present.

Supervisor of Secondary Mathematics Internships, 2014 – present.

Advisor for Secondary Mathematics Education majors, 2014 - present.

Serve on the University’s Research Committee, 2018 – present.

Serve on the Assessment Committee, Chair of Standard 3 Committee, Responsible for writing NCTM CAEP report for Secondary Mathematics Education program, 2013 – present.

Serve on the Teacher Education Council, 2013 – 2021.

Mentor for New Science Education Faculty Member, 2021 - 2022.

Serve on the Division’s Search Committee, 2014 – present, Chair in 2017.

Serve on the Division’s Tenure & Promotion Committee, 2020 - present.

Kossman Award Committee, 2021.

Division of Mathematics & Sciences Scholarship Committee, 2021.

Represent the Math Department at recruitment events, 2013 – present.

Served on the University's Courtesy Committee, 2013 –2018.
 Served on the University's Attendance Grievance Committee, 2014 – 2016.
 Serve as the Strategic Planning Liaison on OIT's Technology Teaching Symposium Committee 2013 – 2016.
 Reading Fair judge.
 Science Fair judge.
 Educator Rising Fair judge.
 Hold Praxis review sessions, 2013 – present.
 Held Math Study Skills workshops for the Office of Academic Support Services, 2013 - 2015.
 Supervised Math Tutoring Lab, 2013 – 2016.

Service to the Discipline:

Association of Mathematics Teacher Educators (AMTE)

- Co-Chair Conference Local Arrangements, 2022 – 2023.
- STaR Fundraising Committee, 2020 – 2023.
- Volunteer journal and conference reviewer, typically review 8-10 articles per year, 2013 – present.

National Council of Teachers of Mathematics

- Department Editor, Mathematics Teacher: Learning and Teaching PK-12, 2023 – present.
- CAEP Accreditation Program Reviewer, review full accreditation reports for one to four institutions annually, 2019 - present.
- Volunteer journal and conference reviewer, typically review 8-10 articles per year, 2009 – present.

Educational Testing Services (ETS)

- National Advisory Committee, Elementary Math Specialist Praxis, 2020.

Mississippi Department of Education

- Presidential Award for Excellence in Math and Science Teaching (PAEMST) State Selection Committee, 2022 – 2023.
- Mathematics Education Preparation Program (EPP) High Quality Instructional Materials (HQIM) Committee, 2021 – present.
- Council of Chief State School Officers (CCSSO) IMPD-EPP working group, 2023 – present.

Mississippi Association of Mathematics Teacher Educators (MAMTE)

- President, 2017 – 2021.
- President Elect, 2016 – 2017.
- Past President, 2021 – 2022.
- Member at Large, 2015 – 2017, 2021 – present.

Mississippi Council of Teachers of Mathematics (MCTM)

- Board of Directors, Awards Chair, 2022 – present.

Journal of Urban Mathematics Education

- Editorial Board Member, 2022 – 2025.

New York Times – [What is Going on With This Graph?](#)

- Co-author and co-moderator of article and discussion based on graph in [For Planet Earth, This Might Be the Start of a New Age](#), March 2023.

Crazy 8's Math Club

- Founder & Teacher, Grade 3 – 5 students at Presbyterian Day School, 2018 – 2020.

American Institute of Mathematics (AIM)

- Facilitator, National Math Festival & Julia Robinson Mathematics Festival, 2021 – present.

Louisiana-Mississippi Section of the Mathematics Association of America (LA/MS Section MAA)

- Social Media Administrator, 2014 – 2015.

Psychology of Mathematics Education - North America (PME-NA)

- Volunteer conference reviewer, typically review 3-5 articles per year, 2019 - present.

Contemporary Issues in Technology and Teacher Education - Math (CITE)

- Volunteer conference reviewer, typically review 3-5 articles per year, 2020 - 2022.

AmeriCorps Math Tutoring Program

- Wrote manual and delivered training, 2017.

Presbyterian Day School (PDS)

- Prepared and delivered math staff developments to, 2014-2015; 2019-2020.

American Association of University Women (AAUW)

- Prepared and delivered workshops at Tech Savvy Conferences, 2014 – 2018.

Clarksdale Elementary School

- Author of a math unit that incorporated healthy choices and movement, 2015.
- Cope, L. (2017, February). A Circle in the Delta: Extending a Math Science Partnership. Mathematics Teachers' Circular, 8-9. <https://www.mathteacherscircle.org/news/mtc-magazine/ws2017/a-circle-in-the-delta/>
- Cope, L. (2016, November 21). Coping with the "it won't work with my students" argument from <https://noviceiblog.wordpress.com/>
- Cope, L. (2016, August 16). Treating our (young adult) college students like we treat adults. A Novice IBL Blog. Retrieved from <https://noviceiblog.wordpress.com/>
- Cope, L. (2016, January 15). Which One Doesn't Belong? A Novice IBL Blog. Retrieved from <https://noviceiblog.wordpress.com/>
- Cope, L. (2015, October 28). Bells and Whistles. A Novice IBL Blog. Retrieved from <https://noviceiblog.wordpress.com/>
- Cope, L. (2015, October 25). How RATs Can Enhance Student Learning. A Novice IBL Blog. Retrieved from <https://noviceiblog.wordpress.com/>
- Cope, L., Failing, D., Long, N. (2015, October 12). Many Voices Are Greater Than One. Math Ed Matters MAA Blog. Retrieved from <http://maamathedmatters.blogspot.com/>
- Cope, L. (2015, September 1). Evaluating student presentations. A Novice IBL Blog. Retrieved from <https://noviceiblog.wordpress.com/>
- Cope, L. (2015, August 24). The power of student presentations. A Novice IBL Blog. Retrieved from <https://noviceiblog.wordpress.com/>