



2022 Alumni Achievement Award

M. Lynn Breyfogle was a high school mathematics teacher when she felt called to help improve mathematics teaching and learning by working with future and practicing mathematics teachers. After completing her Ph.D. in Mathematics Education at Western Michigan University in 2001, she taught in the Mathematics Department at Bucknell University for 11 years before becoming Associate Dean in the College of Arts & Sciences in 2012. She taught courses on Calculus, Secondary School Mathematics Methods, Introduction to Mathematical Thought, Geometry and Statistics for Elementary Teachers, and Foundation Seminars. Dean Breyfogle has provided ongoing

professional development to mathematics teachers in 12 school districts in central PA and hosted two very successful Mathematics Teacher conferences on Bucknell's campus for the 17 public school districts in the Central Susquehanna Intermediate Unit. Her research focused on changing novice and practicing teachers' beliefs about mathematics and supporting effective classroom discourse. Recently, something that most pleased her was learning two articles published with co-author Beth Herbel-Eisenmann in 2004 & 2005 "Focusing on students' mathematical thinking" and "Questioning our patterns of questions" in *Mathematics Teacher and Mathematics Teaching in the Middle School*, respectively, were translated into Turkish in 2021 by Zeynep Arslan, a visiting Turkish scholar to WMU to be used with Turkish teachers during professional development.

Dean Breyfogle has served in a variety of capacities within Bucknell and in professional organizations. At Bucknell she served as Writing Program Director, chaired the Composition Council, and served on the initial College Core Curriculum (CCC) Committee to implement the new College of Arts & Sciences general education curriculum. Most recently she served as chair of the university wide Retention Investigation Task Force which provided the foundation for the THRIVE initiative on campus. For the National Council of Teachers of Mathematics (NCTM), she served on the editorial panel for the publication *Teaching Children Mathematics*, and the 2011 NCTM Yearbook *Motivation and Disposition: Pathways to Learning Mathematics*. For the Association of Mathematics Teacher Education (AMTE), she was a member of the Editorial Panel for the 2008 AMTE Monograph *Cases in Mathematics Teacher Education: Tools for Developing Knowledge Needed for Teaching*, served on the Board of Directors, elected to the position of Secretary for 2008-2011, served as the Chair of the Common Core State Standards Task Force, and the inaugural Vice President for Professional Learning (2017-2020). She has been honored to attend the HERS Institute for women leaders in higher education and selected for the prestigious ACE (American Council on Education) Fellowship (2017-18).

On a more personal note, she and husband, Jim, are extremely proud their identical twin daughters who were born in 1999 during Lynn's graduate year at Western Michigan University. They have both graduated from college and are successfully pursuing their dreams, one as a nautical archaeologist and the other as a naval flight officer.

