Curriculum Vitae

Matthew McMullen
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Education

Master of Science in Mathematics, December 2003
The Ohio State University, Columbus, Ohio

Bachelor of Science in Mathematics, May 1999
Loyola University Maryland, Baltimore, Maryland

Professional Experience

Senior Instructor, Mathematical Sciences Department, Otterbein University, August 2011 – Present.

Academic Teaching Staff, Mathematical Sciences Department, Otterbein University, September 2005 – June 2011.

Tutor, Academic Support Center, Otterbein University, September 2005 – Present.

Instructor, Department of Mathematics, The Ohio State University, September 2004 – July 2005.

Teaching Assistant, Department of Mathematics, The Ohio State University, September 2000 – September 2004.

High School Educator, Towson Catholic High School, Towson, Maryland, 1999–2000.

Honors and Awards

Excellence in Teaching Award, The Ohio State University, 2002.

Phi Beta Kappa, ***Pi Mu Epsilon***, ***Summa cum laude***, Loyola University Maryland, 1999.

Mathematics Medal for outstanding mathematics student, Loyola University Maryland, 1999.

Professional Service

Member, Ohio MAA Committee on Student Membership, 2011 – Present

Member, AIME Problems Review Board, 2011 – 2015.

Editor, "Coffee Hour Problem of the Week," Otterbein University, 2007 – 2016.

Faculty Advisor, Otterbein University Math Club, 2008 – 2010.

Member, Mathematical Association of America, 2006 – Present.

Scholarship

Problem 1355, *Pi Mu Epsilon Journal*, Fall 2018.

Problem 1348, *Pi Mu Epsilon Journal*, Spring 2018.

Journal article, "Playing with Blocks," *Math Horizons*, April 2018.

Problem 372, *Math Horizons*, April 2018.

Problem 1325, *Pi Mu Epsilon Journal*, Fall 2016.

Ohio MAA Conference talk, "A New Representation of the GCD-sum Function," April 2016.

Invited talk, "A Drunken Walk in Las Vegas - Catalan Numbers and Gambling," Kappa Mu Epsilon initiation ceremony, Capital U., April 2016.

Problem 1274, *Pi Mu Epsilon Journal*, Spring 2013.

Ohio MAA Conference talk, "Designing Better Medical Tests," October 2012.

Quickie Problem 1011, *Mathematics Magazine*, June 2011.

Problem 1239, *Pi Mu Epsilon Journal*, Spring 2011.

Otterbein Math Club talk, "Unsolved Problems in Number Theory," November 2010.

Problem 251, *Math Horizons*, September 2010.

Solution to Problem 1208, *Pi Mu Epsilon Journal*, Spring 2010.

Problem 1208, *Pi Mu Epsilon Journal*, Fall 2009.

Ohio MAA Conference talk, "The Stolz-Cesàro Theorem: An Underused Problem-Solving Technique," April 2009.

Problem 1185, *Pi Mu Epsilon Journal*, Fall 2008.

Problem 218, *Math Horizons*, September 2008.

Problem 1796, *Mathematics Magazine*, June 2008.

Department Colloquium talk, "An Introduction to the Mathematics of Juggling," June 2008.

Community Outreach

Judge, Invention Convention, Hanby Arts Magnet School, Westerville, OH, April 2010.

Invited talk, "Topology Fun Day," Hanby Arts Magnet School Math Club, March 2010.

Invited talk, "Math + Juggling = Fun," Hanby Arts Magnet School Math Club, December 2009.

Invited talk, "Fun with Topology," Granby Elementary School Sixth Grade Class, Worthington, OH, December 2007.