

# Ziva Kaye Myer

Department of Mathematics, Bryn Mawr College  
101 N. Merion Ave, Bryn Mawr, PA 19010  
zmyer@brynmawr.edu

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## Education

- Ph.D., Mathematics, Bryn Mawr College (BMC), (expected) May 2017  
Advisor: Lisa Traynor  
Dissertation Topic:  $A$ -in nity Structures for Legendrians with Generating Families  
Preliminary Examinations Passed Dec. 2014
- B.A., Mathematics/Physics, New College of Florida, May 2011  
Thesis: An Algebraic Combinatorial Approach to Discovering Properties of Sudoku  
Graphs using Association Schemes

## Awards and Fellowships

- Teaching Assistanship, BMC, 2015{2016
- Enhancing Diversity in Graduate Education (EDGE) Mentor, Summer 2015
- Research Fellowship, BMC, 2014{2015
- Teaching Assistanship, BMC, 2011{2014

## Presentations

- Temple Graduate Student Seminar, *Product Structures for Legendrians from Generating Families*, Nov. 2015
- Philadelphia Area Contact/Topology (PACT) Seminar, *Sheaves and Legendrian Knot Theory*, with Joshua Sablo , Nov., Dec. 2015
- Tech Topology Conference, *An  $A$ -in nity structure for Legendrians from Generating Families*, Lightning Talk, Dec. 2015

## Funded Participation in Workshops, Programs, and Conferences

- Tech Topology Conference, Georgia Institute for Technology, Dec. 2015
- Summer School in Moduli Problems in Symplectic Geometry, IHES, Bures-sur-Yvette, France, Summer 2015
- Redbud Topology Conference, Oklahoma State University, April 2015
- MSRI, Graduate Summer School: Algebraic Topology, Guanajuato, Mexico, Summer 2014
- Ban International Research Station, Parameterized Morse Theory Ban , AB, Canada, March 2014
- Graduate Student Topology and Geometry Conference, Notre Dame University, April 2013
- Redbud Topology Conference, University of Arkansas, March 2013
- Program for Women and Mathematics, 21st Century Geometry Institute for Advanced Study, Princeton, NJ,

### Seminars Regularly Attended

- Philadelphia Area Contact/Topology (PACT) Seminar  
Bryn Mawr College, Fall 2011 to present
- Philadelphia Area Topology (Contact/Hyperbolic) (PATCH) Seminar  
University of Pennsylvania, Temple University,  
and Bryn Mawr and Haverford Colleges, 2012 to present
- Graduate Student Seminar, Temple University, Fall 2015 to present
- Lie Group Seminar, organizer, Bryn Mawr College, Spring 2014

### Teaching Experience

- Guest Lecturer, Bryn Mawr College
  - Knot Theory and its Applications, Fall 2015
  - Abstract Algebra II, Spring 2014
- Teaching Assistant, Bryn Mawr College
  - Abstract Algebra I, Fall 2015
  - Abstract Algebra II, Spring 2014
  - Abstract Algebra I, Fall 2013
  - Real Analysis II, Spring 2013
  - Real Analysis I, Fall 2012
  - Linear Algebra, Spring 2012
  - Multivariable Calculus, Fall 2011
- Private Tutor, Greater Philadelphia Area, 2012{2013
- Tutor, Quantitative Resource Center, New College of Florida, 2007 - 2011

### Professional Service and Presentations for Younger Students

- Graduate Student Recruiting, Graduate School Fair, Joint Math Meetings, Seattle, WA 2016
- Graduate Student Representative, Mathematics Hiring Committee, BMC, Fall 2014
- Distressing Math Collective, Bryn Mawr College (BMC)
  - The Topology of Impossible Spaces*, March 2015
  - Generating Families*, Student Org, BMC, 2013

Recruiting, BMC, 2013