

## Education

- **Bryn Mawr College**

*Bryn Mawr, PA*

**Doctor of Philosophy Candidate, Mathematics (in progress)** 2015 – Present

◊ Advisor: Paul Melvin

◊ Comprehensive examination topics: Algebra, Analysis, & Topology

**Master of Arts, Mathematics** 2013–2015

◊ Advisor: Paul Melvin

◊ Thesis:

*On and Off the Grid: An Exploration of Heegaard Floer Homology*

- **Occidental College**

*Los Angeles, CA*

**Bachelor of Arts, Mathematics** 2009–2013

◊ Graduated Cum Laude with honors

## Awards, Grants & Honors

Bryn Mawr College Tuition Scholarship . . . . . 2013 - 15

Benedict Freedman Senior Prize in Mathematics, Occidental College . . . . . 2013

Benedict Freedman Prize for Mathematical Promise, Occidental College . . . . . 2013

## Research Presentations

- **An Introduction to Heegaard Floer Homology** Fall 2014

Philadelphia Area Contact/Topology (PACT) Seminar

Bryn Mawr College, *Bryn Mawr, PA*

- **The Wizardry of Whitney's Theorem** April 26, 2014

EPaDel Conference

University of Scranton, *Scranton, PA*

## Funded Participation in Conferences and Workshops

- **Combinatorial Link Homology Theories, Braids, and Contact Geometry** August 4-8, 2014

ICERM, *Providence, RI*

- **Association for Women in Mathematics Research Symposium** April 2015  
University of Maryland, *College Park, MD*
- **Summer Program for Women in Mathematics** Summer 2012  
George Washington University, *Washington, D.C.*

## Papers

- Ramin Naimi, Elena Pavelescu, and Hannah Schwartz, *Deleting an edge of a 3-cycle in an intrinsically knotted graph gives an intrinsically linked graph*, *J. Knot Theory Ramifications* 23, 1450075 (2014) [6 pages] DOI: 10.1142/S0218216514500758

## Teaching Experience

- **Teaching Assistant, Bryn Mawr College** 2013 – 2015  
Real Analysis I  
Number Theory  
Topology  
Linear Algebra  
Multivariable Calculus
- **Teaching Assistant, Center for Talented Youth, Haverford College** 2014  
Class: Geometry through Art
- **Teaching Assistant, Center for Talented Youth, University of California, Santa Cruz** 2013  
Class: Geometry through Art
- **Peer Math Adviser** 2011-2013  
Occidental College

## Service

- **Graduate Recruiting** January 2014, 2015  
Joint Math Meetings
- **Presentations for the Distressing Math Collective, Bryn Mawr College**  
Not all Tangles are Epic, February 2014  
One Lovely Family (of Graphs), September 2013
- **Tutor for 6th Grade Math Team** Spring 2013  
Annandale Elementary School, Los Angeles, CA

## Computer Skills

- Programming Languages
  - Experienced with  $\text{\LaTeX}$
  - Familiar with Mathematica