

Miriam Kuzbary

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Education

Rice University

Ph.D., Mathematics, 2019 (expected).
Advisor: Shelly Harvey
Research Interests: Geometric Topology
M.A., Mathematics, 2014.

University of Texas at Dallas

B.A., Mathematics, 2012.
Summa Cum Laude, Major Honors with Distinction, and Collegium V Honors

Awards and Fellowships

American Dissertation Fellowship

American Association of University Women, 2018-2019

Graduate Research Fellowship

National Science Foundation, 2014-2019

Best Graduate Student Talk

Lloyd Roeling UL Lafayette Mathematics Conference, November 2017

Graduate Student Travel Grant

American Mathematical Society, November 2016

Bob E. and Lore Merten Watt Fellowship

Rice University, 2012

NPSC Fellowship (Declined for personal reasons)

The National Physical Sciences Consortium, 2012

Publications

A link concordance group from knots in connected sums of $S^2 \times S^1$
Joint with Matthew Hedden
In Preparation.

Invited Talks

Colloquium

Sam Houston State University, Huntsville, TX

Geometry Topology Seminar, September 2018

Georgia Institute of Technology, Atlanta, GA

Topology Virtual Seminar, April 2018

Louisiana State University, Baton Rouge, LA

Joint Mathematics Meetings, January 2018

San Diego Convention Center, San Diego, CA

Lloyd Roeling UL Lafayette Mathematics Conference, November 2017

The University of Louisiana at Lafayette, Lafayette, LA

Colloquium, September 2017

Texas Christian University, Ft. Worth, TX

Topology Seminar, September 2017

The University of Texas, Austin, TX

CMO-BIRS: Thirty Years of Floer Theory for 3-Manifolds, August 2017

Casa Matemática Oaxaca, Oaxaca City, Oaxaca, Mexico

AMS Fall Southeastern Sectional Meeting, November 2016

North Carolina State University, Raleigh, NC

Junior Hausdorff Trimester Program in Topology, October 2016

Hausdorff Research Institute for Mathematics, Bonn, Germany

Nebraska Conference for Undergraduate Women in Mathematics, January 2015

The University of Nebraska-Lincoln, Lincoln, NE

Joint Mathematics Meetings, January 2012

Hynes Convention Center, Boston, MA

Discrete Mathematics Days, July 2011

St. Michael's College, Colchester, VT

Teaching **Rice University**

Instructor, Linear Algebra, Summer 2018

Instructor, Multivariable Calculus, Spring 2018

Teaching Assistant, Geometric Topology, Fall 2017

Instructor, Linear Algebra, Summer 2017

Instructor, Rice Program in Mathematics for High School Students, Summer 2016

Teaching Assistant, Expanding Your Horizons in Science and Math, February 2016

Instructor, Rice Emerging Scholars Program Instructor, Summer 2015

Instructor, Calculus II, Fall 2014

Instructor, Multivariable Calculus, Summer 2014

Teaching Assistant (Head), Calculus II, Spring 2014

Teaching Assistant (Head), Multivariable Calculus, Fall 2013

Teaching Assistant, Chaos & Life Program in Mathematics for Young Women, Summer 2013

Teaching Assistant, Multivariable Calculus, Spring 2013

Teaching Assistant, Differential Equations, Fall 2012

The University of Texas at Dallas

Math Tutor, Math Lab, January 2011 - August 2012

Student Teacher, Pre-AP Pre-Calculus, Spring 2012

Peer-Led Team Learning Leader, College Algebra, Fall 2010

Kaplan Test Prep

Teacher and Tutor, January 2009 - May 2011

Service **Math Department Representative, Summer 2013 - Spring 2017**

Rice University Graduate Student Association

Graduate Student Reading Group Organizer, Spring 2014 - Summer 2015

Rice University Math Department

Center for Teaching Excellence Graduate Liason, Summer 2014 - Summer 2015

Rice University Graduate Student Association

Math Club President, Fall 2009 - Spring 2012

University of Texas at Dallas