Matthew Zawodniak

Graduate Student, Mathematics

University of Georgia

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Education:

University of Georgia, Athens GA

- Ph.D., Mathematics, *Expected: Spring 2016*
- Certificate in Mathematics Education, Spring 2015
- M.A., Mathematics, Spring 2013

Union College, Schenectady NY

- B.S., Mathematics, Spring 2010

Presentations:

Lecturing Left on the Cutting Room Floor: A Video Project for Pre-Service Teachers

- MAA Mathfest, *Aug 2015*

Rational Homotopy Theory: The Lie Construction of Moduli Spaces

- Graduate Student Topology and Geometry Conference, March 2015

Integrating Video into the Classroom

- UGA Math Teaching Seminar, Jan 2015

A (Very) Brief Introduction to Higher Homotopy Theory

- UGA Mock AMS Conference, Aug 2013

Conferences Attended:

Graduate Student Topology and Geometry Conference – Urbana, Illinois (*March 2015*)

Conference on Research in Undergraduate Mathematics Education – Pittsburgh, PA (Feb 2015)

Joint Mathematics Meetings – San Antonio, TX (Jan 2015)

ICM Satellite Conference on Algebraic Topology – Dalian, China (Aug 2014)

Georgia Topology Conference – Athens, Georgia (May 2014)

Grants:

NSF RTG Grant support – Summer 2015

NSF RTG Grant support – Summer 2014

VIGRE Grant support – Summer 2013, Fall 2013

Teaching Experience:

MATH 5001: Arithmetic for Elementary School Teachers – Spring 2015, Fall 2014

MATH 2200: Analytic Geometry and Calculus – Spring 2013

MATH 1113: Precalculus – Spring 2014, Fall 2012

Other Experiences:

- Instructor for K-5 Mathematics Endorsement In Clarke County, funded by NE Georgia RESA via a grant through the Clarke County School District – Spring 2015 through Spring 2016
- Hired by North Georgia RESA to rewrite mathematics endorsement program – Spring 2015 through Spring 2016
- Instructor for UGA MathCamp for high school students – Summer 2014
- Chosen by the Mathematics Department to help observe and mentor graduate students during their first term of teaching Precalculus – Fall 2013
- Chosen by the Mathematics department to have prospective graduate students observe me teaching a Calculus course – Spring 2013