

8. *An alternative approach to the product rule*, Am. Math. Mon. 123, No. 5 470 (2016).
9. Problem 361 (with Brian Freidin) Math Horizons Vol. 25, Issue 1 pp. 28. (2017)
10. Problem 1889 (with Gary Gordon) *Mathematics Magazine*, 85, 61-68 (2012).
11. Problem 11593, Am. Math. Mon. 118, No. 8 747-754 (2011).

SERVICE

- Contributor, Mathematical Reviews (Mathscinet)
- Referee: Journal of Differential Geometry, Math. Nachrichten, American Mathematical Monthly.
- Organizer: graduate student geometry-topology seminar. 2018-Present.
- Committee assignments: Advanced Placement exam, Preliminary exam

TEACHING

- Math 420 (Differential Equations) Fall 2019
- Math 114E (Multivariable Calculus) Fall 2019
- Math 240 (Linear Algebra + ODE) Spring 2019, Fall 2018
- Math 661 (Topics in Differential Geometry) Spring 2019
- Math 241 (Calculus IV) Spring 2018, Fall 2017
- Math 360 (Advanced Calculus) Spring 2018

HONORS AND AWARDS

- AMS-Simons Travel Grant (\$4,000) 2017-2019
- George Pólya Award (Mathematical Association of America, \$1,000) 2019
- Brown Graduate International Colloquium Fund (\$10,000) 2015-2016
 - Organizer: “Connections in Geometric Analysis and PDE”
 - Speakers: Simon Brendle, William Minicozzi, Robert Kusner, Renato Bettiol, Roice Nelson, Galina Perelman, Mohsen Zayernouri
- Wesley Mitman Prize (Lafayette College) 2011
 - Awarded to the senior most outstanding in Mathematics.
- James P. Crawford Prize in Mathematics (Lafayette College) 2011
 - Awarded to a student who has made a special contribution to the mathematics community.

ACADEMIC ACTIVITIES

Invited Talks:

- Differential Geometry Seminar, University of Muenster June 22, 2020
- Texas Geometry and Topology Conference April 25, 2020
- Geometric Analysis Seminar, University of Chicago February 25, 2020
- North Carolina State University Colloquium January 13, 2020
- Rutgers Geometric Analysis Seminar November 12, 2019
- CUNY Geometric Analysis Seminar October 10, 2019
- Syracuse Geometry Seminar September 27, 2019
- PIMS Geometry Workshop May 18, 2019

- Lafayette-Lehigh Geometry-Topology Seminar, March 30, 2019
- Geometry Topology Seminar, University of Pennsylvania Jan. 31, 2019
- Geometry Seminar, Dartmouth College October 9, 2018
- Geometric Analysis Seminar, University of Tennessee September 20, 2018
- Analysis and PDE Seminar, Johns Hopkins University March 12, 2018
- Geometric Analysis Seminar, Princeton University Dec. 13, 2017
- Minimal Surfaces Seminar, University of Pennsylvania Oct. 17, 2017
- Geometry Topology Seminar, University of Pennsylvania Sept. 7, 2017
- Colloquium, Lafayette College April 5, 2017
- Geometric Analysis Seminar, University of Chicago Nov. 15, 2016
- Geometry and PDE Seminar, University of Connecticut Nov. 7, 2016
- Geometric Analysis Seminar, Brown University Oct. 10, 2016
- Differential Geometry Seminar, Fordham University Oct. 5, 2016
- Graduate Student Seminar, Brown University Sept. 21, 2016
- Differential Geometry Seminar, UC San Diego Mar. 1, 2016
- Differential Geometry Seminar, UC Irvine Jan. 19, 2016
- Geometric Aspects of Capillary Problems Conference, Granada Dec. 14, 2015
- AMS special session on Geometric Analysis, Rutgers University Nov. 15 2015
- Graduate Student Geometry Seminar, Brown University Sep. 16, 2015
- AMS Graduate Student Math Conference, Brown University Feb. 21, 2015
- Informal PDE Seminar, Brown University Sep. 26, 2014

Conferences and Schools Attended:

- Southern California Geometric Analysis Seminar Jan. 30-31, 2016
- School and workshop on Geometric Analysis at KIAS Dec. 7-11, 2015
- Rutgers-CUNY Symposium on Geometric Analysis Mar. 27-29, 2015
- Southern California Geometric Analysis Seminar Feb. 7-8, 2015
- Hyperbolic Geometry and Minimal Surfaces (IMPA) Jan. 4-10, 2015
- Workshop on Uniqueness in Analysis and Geometry, MIT Dec. 10-11, 2014
- AMS Graduate Student Math Conference, Brown University Mar. 1, 2014
- Distinguished lecture series, University of Connecticut Oct. 2-4, 2013
- MSRI graduate summer school, Cortona, Italy Jul. 29-Aug. 09, 2013
 - Teaching assistant for a school on Mathematical General Relativity.
- PCMI graduate summer school on Geometric Analysis Jun. 30-Jul. 20, 2013