

Bryan Dimler
University of California, Irvine
bdimler@uci.edu
<https://sites.uci.edu/bdimlermath/>

EDUCATION	<i>Doctor of Philosophy, Mathematics</i> University of California, Irvine	In Progress
	<i>Master of Science, Mathematics</i> University of Texas at San Antonio	2020
	<i>Bachelor of Science, Mathematics</i> <i>Highest Honors, Honors College</i> <i>Magna Cum Laude</i> University of Texas at San Antonio	2018
RESEARCH INTERESTS	Elliptic Partial Differential Equations Calculus of Variations Geometric Analysis	
	<i>Doctoral Advisers:</i> Richard Schoen & Connor Mooney	
FELLOWSHIPS & AWARDS	Math Department Recruitment Fellowship, UCI Mathematics Departmental Honors, UTSA Mathematics Highest Honors, UTSA Honors College Excellence in Mathematics Scholarship, UTSA Dept. of Mathematics Dean's Fund for Excellence Scholarship, UTSA College of Sciences	2020 2018 2018 2017 2017
THESES	<i>De Giorgi's Conjecture for the Allen-Cahn Equation and Related Problems for Classical and Fractional Laplacians</i> (MS Thesis) <ul style="list-style-type: none">• Supervisors: Dr. Mostafa Fazly and Dr. Changfeng Gui• Committee: Dr. Fengxin Chen and Dr. Gelu Popescu	
PUBLICATIONS	<ul style="list-style-type: none">• Dimler, B. Partial regularity for Lipschitz solutions to the minimal surface system. <i>Calc. Var. Partial Differential Equations</i> 60, 260 (2023).	
SEMINAR TALKS	<ul style="list-style-type: none">• "Partial regularity for Lipschitz solutions to the minimal surface system," University of Iowa Differential Geometry Seminar	2024
TEACHING	<i>UC Irvine:</i> <ul style="list-style-type: none">• Math 210AB (Graduate Real Analysis)• Summer Jumpstart Program (Real Analysis)• Math 205A (Intro Grad Analysis/Honors Analysis)• Math 176 (Math of Finance)• Math 147 (Complex Analysis)• Math 140A (Real Analysis)• Math 3A (Intro Linear Algebra)	

- Math 2E (Multivariable Integral Calculus)
- Math 2D (Multivariable Differential Calculus)
- Math 2B (Integral Calculus)

UT San Antonio:

- MAT 4233 (Abstract Algebra)
- MAT 2233 (Linear Algebra)
- MAT 1214 (Differential Calculus)
- Math Tutoring Center

**Served as teaching assistant in all listed courses*

SUMMER SCHOOLS	Simons Laufer Mathematical Sciences Institute: Special Geometric Structures and Analysis	2024
	UT Austin Summer Program in PDEs	2022
	Northwestern Summer School in Semiclassical Analysis	2019
	MIT Boston City Limits: Summer School on Mathematical General Relativity and the Geometric Analysis of Waves and Fluids	2018
	University of Houston Summer School in Dynamical Systems	2018
PROFESSIONAL AFFILIATION	Mathematical Association of America (Student Member)	
	American Mathematical Society (Student Member)	
OUTREACH	UCI Qual Prep Kickoff Event, Panelist	2024
	“Preparing for Graduate School in Mathematics,” UT San Antonio	2023
	MAA chapter	
	K-12 math tutoring	2017-2022
	G.E.D. math tutoring	2017-2022
PERSONAL	Born April 3, 1993	
	U.S. citizen	