Ethan L Addison

Curriculum Vitae

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Education

B.A. in Mathematics, Minors in Computer Science & Music History	Vanderbilt University	2016
M.S. in Mathematics	University of Notre Dame du Lac	2018
Ph.D. in Mathematics (expected)	University of Notre Dame du Lac	2022

Experience

Vanderbilt University — Nashville, TN
Teaching Assistant, Survey of Calculus; Tutor; Grader — 2014 - 2016

University of Notre Dame du Lac — Notre Dame, IN
Teaching Assistant, Calculus III — Fall 2017
Teaching Assistant, Calculus II — Spring 2018
Teaching Assistant, Calculus II — Fall 2018
Instructor of Record, Elements of Calculus — Summer 2019
Instructor of Record, Calculus B — Spring 2020
Teaching Assistant, Calculus III — Fall 2020
Teaching Assistant, Linear Algebra & Differential Equations — Spring 2021

Talks

Graduate Student Seminar — University of Notre Dame
The Topology of Kähler Manifolds — March 25, 2019

Geometric Analysis Seminar — University of Notre Dame
Extremal Poincaré-Type Metrics — March 28, 2019

Geometric Analysis Seminar — University of Notre Dame
Bott-Chern Vanishing on Complete Hermitian Manifolds — December 12, 2019

Graduate Student Geometry Seminar — University of Notre Dame
Cohomology of Almost Complex Manifolds — August 28, 2020

Graduate Student Seminar — University of Notre Dame
Uniqueness of $\mathbb{CP}^n$ — October 26, 2020

Geometric Analysis Seminar — University of Notre Dame
Generalizing Kähler Metrics of Poincaré Type — September 16, 2020

Miscellaneous

Richard and Peggy Notebaert Premier Fellow	2016-2022
Distance Learning Familiarity & Course Redesign for Covid-19	2020-2021

UT Chattanooga REU Participant 2015

Worked closely with two other undergraduates under the direction of Dr. Andrew Ledoan to write a paper entitled AVERAGE INTENSITY OF THE DISTRIBUTION OF COMPLEX ZEROS OF A CLASS OF RANDOM POLYNOMIALS.

Bridge Program Instructor 2021

Hired by Notre Dame to teach a week-long crash course in graduate level Complex Analysis to incoming graduate students from SLAC backgrounds.

MGSA Treasurer 2019-2020

Organized a regular Graduate Student Seminar wherein professors advertised their work to potential advisees and graduate students gave talks to each other on topics of general mathematical interest.

Undergraduate Mentor 2019

Developed and oversaw a directed readings program with a second-year student in point-set topology which involved weekly meetings.

Native Proficiency in English; Literate in French & Spanish