

DYLAN GREEN

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EDUCATION

Ph.D., Mathematics, Dartmouth College Anticipated June 2024
Advisor: Dr. Anne Gelb

M.A., Mathematics, Dartmouth College June 2021

B.S., Mathematics and Physics, Trevecca Nazarene University May 2019
Summa Cum Laude

REFEREED JOURNAL PUBLICATIONS

1. Green, D., Gelb, A., & Luke, G. P. (2021). Sparsity-Based Recovery of Three-Dimensional Photoacoustic Images from Compressed Single-Shot Optical Detection. *Journal of Imaging*, 7(10), 201.

REFEREED CONFERENCE PROCEEDINGS

1. Green, D., Gelb, A., Luke, G. P. (2021). Compressed Single-Shot Photoacoustic Image Reconstruction of a 3D Pressure Distribution. *Computational Optical Sensing and Imaging*. (pp. CM2E-5). Optical Society of America.

TECHNICAL STRENGTHS

Computer Languages MATLAB, Python, R
Software & Tools Maple, LaTeX, Excel

TEACHING EXPERIENCE

Instructor September 2021 – Present
Department of Mathematics *Dartmouth College*

Taught, prepared lecture notes, created and graded homework and exams, maintained online resources, and held office hours for the following courses:

- Math 1: Introduction to Calculus
- Math 23: Differential Equations

Teaching Assistant September 2019 – August 2021
Department of Mathematics *Dartmouth College*

Held multiple weekly tutoring sessions and graded midterm and final exams for the following courses:

- Math 9 Multivariable Calculus with Linear Algebra
- Math 11 Accelerated Multivariable Calculus
- Math 13 Calculus of Vector-Valued Functions
- Math 22 Linear Algebra with Applications
- Math 76 Topics in Applied Mathematics: Linear Programming

Future Faculty Teaching Series January 2021 – March 2021
Dartmouth Center for the Advancement of Learning *Dartmouth College*

- Received focused pedagogical training for educating students at the university level
- Learned methods of developing lesson plans, engaging students during lectures, and supporting students during their education