

PETER MC CAFFERTY

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Boston University
Dept. of Mathematics & Statistics
665 Commonwealth Ave
Boston, Massachusetts

EDUCATION

PhD Boston University <i>Mathematics</i>	<i>In Progress</i>
Postgraduate Study University of Edinburgh <i>Mathematical Physics</i>	2021/22
Bachelor of Science University of Massachusetts, Amherst <i>Physics & Mathematics</i> Summa Cum Laude	May 2021

AWARDS

Dean's Fellowship Boston University	2022/23
Higgs Scholarship University of Edinburgh <i>Awarded on the basis of academic merit to students of any nationality.</i>	2021/22
Kandula Sastry Award University of Massachusetts, Amherst <i>Presented to the outstanding undergraduate in the physics department.</i>	May 2021

EMPLOYMENT

University of Massachusetts, Amherst <i>Undergraduate Teaching Assistant</i> Served as a teaching assistant for two freshman level physics courses. Facilitated small group problem solving sessions and held office hours for additional instruction.	2020-2021
Academic Study Center Los Angeles, California <i>Instructor and Tutor</i> Tutored traditional high school students and served as the primary instructor for homeschooled students. Specialized in science and mathematics including advanced placement chemistry, calculus and physics. ACT, SAT and PSAT preparation, all sections. Created organized, individualized, programs of study to cater to the specific needs of each student.	2017-2019

TEACHING EXPERIENCE

MA119: Mathematics of Personal Finance Boston University
Instructor of record

Summer I 2023

MA124: Calculus II Boston University
Instructor of record

Summer II 2023

ACADEMIC INTERESTS

I am broadly interested in algebra, geometry, representation theory and quantum field theory.