

Sean E. Li

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EDUCATION

Columbia University

Doctor of Philosophy in Physics

New York, NY

EGD May 2029

Bowdoin College

Bachelor of Arts in Physics, Minor in Mathematics

Brunswick, ME

High Honors in Physics

May 2023

PUBLICATIONS

S. E. Li, Properties of Slicing Conditions for Charged Black Holes, Bowdoin College, Honors Projects, 438 (2023).

S. E. Li, T. W. Baumgarte, K. A. Dennison, and H. P. de Oliveira, Dynamical perturbations of black-hole punctures: Effects of slicing conditions, Phys. Rev. D **107**, 064003 (2023).

S. E. Li, T. W. Baumgarte, K. A. Dennison, and H. P. de Oliveira, Bona-Massó slices of Reissner-Nordström spacetimes, Phys. Rev. D **106**, 104049 (2022).

PRESENTATIONS & POSTERS

S. E. Li, T. W. Baumgarte, K. A. Dennison, and H. P. de Oliveira, Dynamical perturbations of black-hole punctures: Effects of slicing conditions, Eastern Gravity Meeting, University of Rhode Island, Kingston, RI, June 2023.

S. E. Li, T. W. Baumgarte, K. A. Dennison, and H. P. de Oliveira, Dynamical perturbations of black-hole punctures: Effects of slicing conditions, American Physical Society April Meeting, Hilton Minneapolis, Minneapolis, MN, April 2023.

S. E. Li, T. W. Baumgarte, K. A. Dennison, and H. P. de Oliveira, Bona-Massó slices of Reissner-Nordström spacetimes, President's Summer Research Symposium, Bowdoin College, Brunswick, ME, October 2022.

AWARDS & FELLOWSHIPS

Bowdoin College

American Association of Physics Teachers Outstanding Learning Assistant Award

Brunswick, ME

May 2023

Bowdoin Faculty Scholar Award

May 2023

Student Faculty Research Grant Fellowship

May 2022

Sarah and James Bowdoin Scholar Book Award

Oct. 2020

TEACHING & MENTORING

Columbia University

Center for Teaching & Learning

Lead Teaching Fellow

New York, NY

Aug. 2024–May 2025

Graduate School of Arts & Sciences

Teaching Assistant, General Physics II Lab

New York, NY

Feb.–May 2024

Teaching Assistant, General Physics I Lab

Sep.–Dec. 2023

Academic Success Programs

Physics Help Room Instructor

New York, NY

Jan.–May 2023

Summer Bridge Program Physics Instructor

Jul.–Aug. 2023

Bowdoin College

Baldwin Center for Learning and Teaching

Learning Assistant, Introductory Physics II

Brunswick, ME

Feb. 2022–May 2023

McKeen Center for the Common Good

Brunswick High School Mentoring

Brunswick, ME

Oct. 2019–May 2023

OTHER EXPERIENCE

Bowdoin College Dept. of Physics and Astronomy

Grader, Statistical Physics

Brunswick, ME

Jan.–May 2023

Grader, Introductory Physics II

Sep. 2022–May 2023

Physics Communication Assistant

Sep. 2022–May 2023

Faculty Search Student Interviewer

Nov.–Dec. 2021

Riverside Research Institute

Lexington, MA

Systems Engineering Summer Intern

Jun.–Aug. 2021

Software Engineering Summer Intern

Jun.–Aug. 2019, 2020