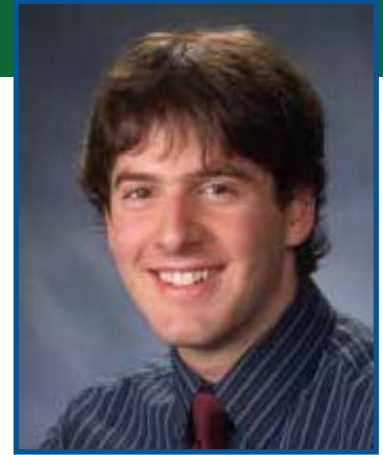


Bryan T. Weinstein



Graduate Institution: Harvard University

Graduate Discipline: Applied Physics

Hometown: Fairport, NY

Relevant SC Research: Basic Energy Sciences

Research Interest:

I am interested in researching physical systems that exhibit complex dynamical behaviors. I typically utilize a combination of computational simulation, mathematical modeling, and experimental techniques to accomplish my goals. I prefer to study macroscopic phenomena that are readily observable via experiment and, as a result, often study systems governed by the classical laws of physics.

I currently plan to study soft condensed matter physics in graduate school. Although I am not certain of the precise area, I am particularly interested in the applications of biomolecular materials. I am interested in studying the mechanisms by which large groups of organisms organize themselves to form extremely complicated yet functional structures. I

believe that biomolecular materials will have exciting applications for energy-related fields in the future.

About Me:

I recently graduated summa cum laude from Case Western Reserve University with a degree in Engineering Physics and a concentration in Aerospace Engineering. At graduation, I received the Elmer C. Stewart Memorial Award recognizing an outstanding senior in Engineering Physics and the Case Alumni Association Prize recognizing the senior with the best academic record in the Case School of Engineering. As an undergraduate, I won several other awards including the National Edward O'Connor Scholarship recognizing innovative students in Aerospace Engineering; only

two awards were given in the nation. I am also a member of Tau Beta Pi, the Engineering Honor Society, and recently passed the Fundamentals of Engineering Examination. I consider the DOE SCGF award to be the most prestigious award and greatest honor I have received to date.

I will be attending Harvard University next year to pursue a PhD in Applied Physics and plan to study soft-condensed-matter physics. Depending on my future interests, I may work in academia, industry, or in a government laboratory.

Outside of my academic pursuits, I enjoy reading, writing, listening to music, and exercising. I especially enjoy hiking and experiencing nature.



U.S. DEPARTMENT OF
ENERGY

Office of
Science