



Northrop Grumman Scholar

Madison Hanrahan

Chesapeake, Virginia

Sponsor: CDR William Brian Hanrahan

College: University of Minnesota -Twin Cities

2025-2026: Junior

Major: Astrophysics and Physics

Academic & Extracurricular Highlights:

- University of Minnesota Solar Vehicle Project
- CSE First-Year Mentor Connection
- Undergraduate Women in Physics and Astronomy
- Varsity Dive Captain
- NSAHR Northwest Annex Lifeguard
- NASA Langley Research Center Technical Support



It is an immense honor to be named a three-time recipient of a Wings Over America Scholarship. I am extremely grateful for the opportunities that this scholarship has provided me in the past and look forward to the opportunities that it will provide in the future.

I have just finished my second year of college at the University of Minnesota as an astrophysics and physics double major in the College of Science and Engineering. This summer, I will be staying in Minnesota and conducting research with two different high energy physics experiment labs. Additionally, I work remotely with scientists at NASA Langley Research Center on a satellite mission called Shadow Chaser, and I am also developing and proposing a secondary project utilizing the Shadow Chaser telescope that will aim to detect exoplanets.

I am incredibly proud and lucky to be a part of such amazing organizations and projects, all of which would not have been possible without the help of this foundation. It is my hope that this foundation will help me make this world- and possibly others- a better place!