

## **Internship at WALII Campus: University of Wyoming (Boothby Lab)**

WALII Project: Surviving The Solid State (Theme 1)

Possible intern projects:

1. Investigating the material and biophysical properties that allow for survival/protection in the solid state (<https://www.walii.science/surviving-the-solid-state.html>).
2. Tardigrade taxonomy and distribution citizen science project (<https://www.walii.science/tardigrade-hunting.html>).

About the Boothby Lab: The Boothby Lab uses tardigrades as a model for answering the questions: “How do organisms survive in extreme environments? And, What are the abiotic limits of life?” Answering these questions for organisms found on Earth will help to guide our search for life, both here on Earth and elsewhere. The Boothby Lab is addressing these questions by searching for organisms inhabiting environments that push the boundaries of what we consider possible conditions that can sustain life, and by employing synthetic biology to see how far we can push those boundaries. Learn more at: <https://www.boothbylab.org/>

How to apply: Send an email to Thomas Boothby ([tboothby@uwyo.edu](mailto:tboothby@uwyo.edu)) with the following documents:

- CV detailing past academic, professional and research experience
- Cover letter describing why you are interested in our lab, the questions that you want to pursue, and your goals.

Application due date: March 31, 2024

Questions? Contact Thomas Boothby at [tboothby@uwyo.edu](mailto:tboothby@uwyo.edu)

*Please note:* Interns hosted by labs at Baylor College of Medicine, University of California (Merced), University of California (Berkeley), Michigan State University, California State University-Channel Islands, and University of Wisconsin-Madison will also be part of an **on-campus cohort** of interns unaffiliated with WALII and will have additional opportunities for in-person social activities.