

Join Montana State University's Extreme Biofilms Graduate Traineeship Program for PhD Students

**Training the next generation of researchers
for a globally competitive workforce.**

Data Science

Utilize informatics to understand the functional potential of multi-species biofilms in extreme systems



Biochemistry

Discover key metabolic changes and interactions that enhance biofilm resistance to environmental stress in extreme environments

Microbiology and Bioengineering

Leverage advanced imaging resources to investigate biofilm composition and architecture across spatial scales and life cycle stages



Participating Programs

- Microbiology and Cell Biology
- Chemical, Civil, and Mechanical Engineering
- Biochemistry
- Computer Science
- Ecology and Environmental Science
- Plant Sciences

Program Highlights

- Immersive team science courses
- Enhanced training in communication, teamwork, and professionalism
- Off-campus career internship experience
- Personalized mentorship
- Individual development plans and annual tracking of program progress

Eligibility and Support

- Competitive fellowships
- Travel funding, workshops, and more!
- Fellowship recipients must be U.S. citizens or legal permanent residents
- We encourage participation by students from diverse backgrounds, including underrepresented minorities, LGBTQIA+, and individuals with disabilities



Website: <https://tbi.montana.edu/nrt-extreme-biofilms/>

