

# 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/>

