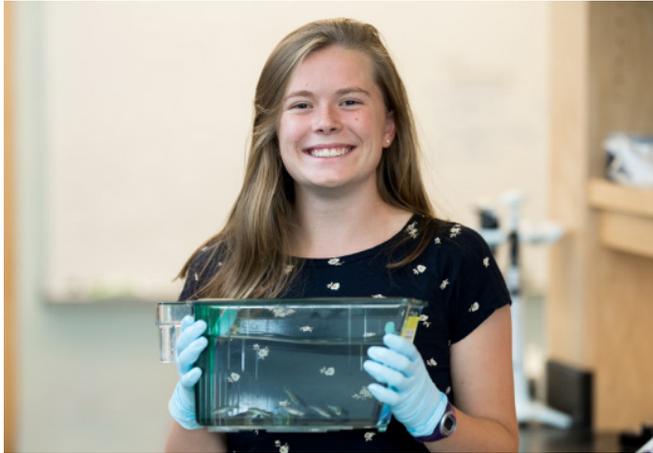


## Mentored Research

Each summer research fellow will work in a laboratory as part of a research team, mentored by an MDI Biological Laboratory faculty member. Research opportunities focus on uncovering basic cellular and molecular mechanisms underlying regenerative and aging processes in various animal model systems, including zebrafish, fruit flies, nematodes, and axolotls.



## Bioentrepreneurship

Fellows at the MDI Biological Laboratory have a unique opportunity to participate in a bioentrepreneurship workshop that explores pathways to life science commercialization and the potential to create products that improve health and save lives.

## Professional Career Discussions

Fellows will have the opportunity to hear from a variety of different professionals about what paths they followed to arrive in their current positions.

Applications are due by

**February 1, 2019**

Pending funding, fellowships are supported by the NSF Research Experience for Undergraduates (REU) program. Contact us or visit our website for more information on the application process.

[www.mdibl.org](http://www.mdibl.org)  
[education@mdibl.org](mailto:education@mdibl.org)

**MDI Biological  
Laboratory**

**REU Program  
June 2-August 10, 2019**

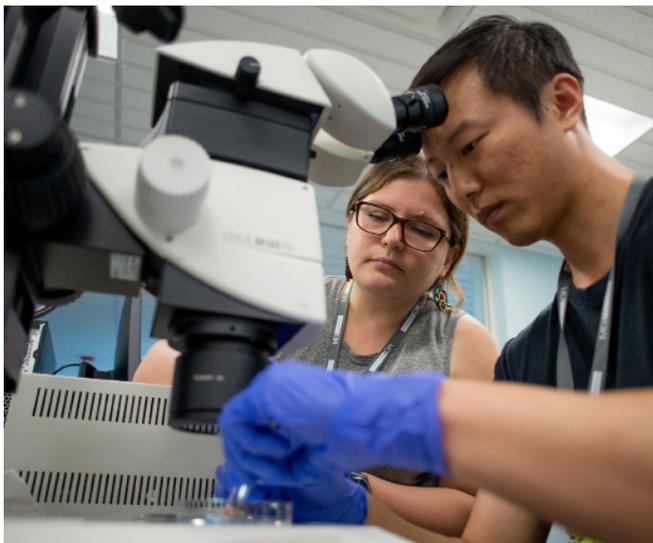


**MDI** Biological Laboratory



## About MDI Biological Laboratory

MDI Biological Laboratory promotes research and education in cellular, molecular, and environmental biology. A NSF REU site since 1993, MDI Biological Laboratory has established a strong track record of providing research experiences to undergraduates from across the United States.

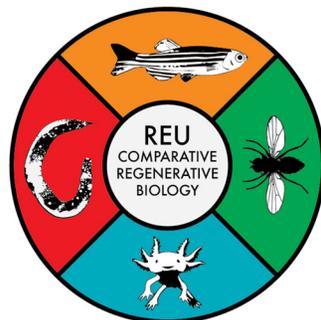


Our 200-acre campus is located on the shore of Frenchman Bay on Mt. Desert Island, Maine. We are in close proximity to Acadia National Park, which gives students ready access to hiking trails, carriage roads for biking and jogging, and lakes and ocean beaches for swimming and boating after work hours and on weekends. Our residential life directors are available to help students plan activities and outings.



## Summer Research Fellowships

- Undergraduates across the U.S. and U.S. territories who hold U.S. citizenship are eligible for fellowships.
- Students from underserved populations are encouraged to apply.
- Applicants from non-research intensive colleges and universities are encouraged to apply.
- REU fellows receive some travel assistance, housing, meal plans, and weekly stipends.
- All REU fellows participate in Responsible Conduct of Research (RCR) and ethics training.



## Program Focus

Research Training	Bioinformatics
Mentored Research Lab Safety RCR Training IACUC Review	Workshops Fellowship opportunities One-on-one mentoring Project consultation
Communication	Careers in Science
Science communication course Community engagement	Bioentrepreneurship workshop Career panels Small group discussions

## Eligible Fellowship Applicants

Competitive applicants will have a minimum of a 3.0 grade point average. All undergraduates with an interest in the biological sciences are encouraged to apply.

## Communication Course

Research fellows participate in an interdisciplinary, quantitative communication course and hone their technical writing, oral, and poster presentation skills.



## Summer Student Symposium

Summer research fellows present their findings at our annual summer Student Symposium. Fellows apply the communication skills they gained in their communications course to oral and poster presentations. Families and friends are invited to attend.