Mentored Research

Each NSF REU 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, nematodes, and axolotls.

Innovation Thinking

Fellows at the MDI Biological Laboratory have a unique opportunity to participate in activities that help to develop innovation mindsets. Through these activities, they will explore pathways to life science commercialization and product development.

Professional Career Discussions

Fellows will have the opportunity to hear from a variety of different professionals about their scientific career paths.

Applications are due by February 12, 2021

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
education@mdibl.org
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 advisors are available to help students plan activities and outings.

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.

Communicating Science

Research fellows participate in a scientific communication course and hone their scientific presentation and public speaking skills for both public and scientific audiences.

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 and 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, attend workshops in Bioinformatics and Bioentrepreneurship and participate in Family Science Night.

Communicating Science

Research fellows participate in a scientific communication course and hone their scientific presentation and public speaking skills for both public and scientific audiences.

Summer Science Symposium

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