

## 2017 Program Details

### 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 include uncovering basic cellular and molecular mechanisms underlying regenerative and aging processes in various animal model systems including zebrafish, fruit flies, nematodes, and axolotls.

### Communications Class

Research fellows participate in a communications class and hone their oral and poster presentation skills.

### Bioentrepreneurship

Research fellows at MDI Biological Laboratory have a unique opportunity to participate in a bioentrepreneurship workshop taught by Dr. David Huizenga from Tao Life Sciences. The workshop explores pathways to life science commercialization and the potential to create products that improve health and save lives.



## Summer Research Fellowships

### June 4th—August 12th, 2017

Research Fellowships are funded through the NSF Research Experience for Undergraduates (REU) program. Applications are due by February 1st, 2017. See our website for more information on requirements for complete applications: [www.mdibl.org](http://www.mdibl.org).



For more information contact:  
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MDI Biological Laboratory

## MDI Biological Laboratory

### REU Program 2017



**“The only way of discovering the limits of the possible is to venture a little way past them into the impossible.”**

**—Arthur C. Clarke**

MDI Biological Laboratory

## About MDI Biological Laboratory

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



Our 200 acre campus is located on the shores 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 working hours and on weekends. Our residential life directors 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.

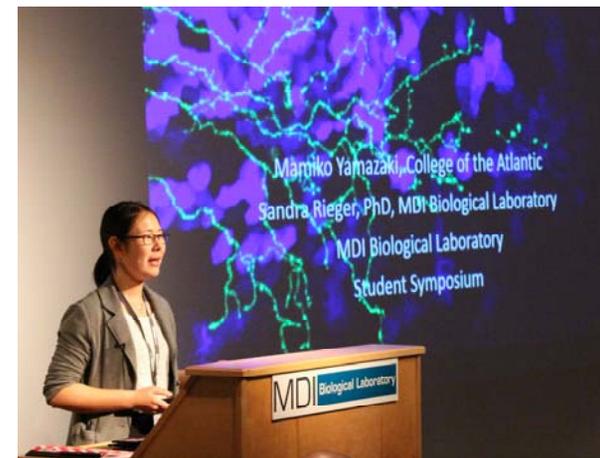
## Summer research fellowships

- US citizen undergraduates across United States and U.S. territories are eligible for research fellowships.
- 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.



## Summer Student Symposium

Summer research fellows present their findings at our annual Summer Science Symposium. They apply the communication skills they gained in their communication course; families and friends are invited to attend.



## Alumni Career Panel

Alumni of our summer research program return for the Summer Science Symposium. They participate in a career panel and share with REU fellows the paths they have traveled since their days at MDI Biological Laboratory.