



# 2018 REU

Research Experiences for Undergraduates



## Last Year's REU Projects

Testing the dilution effect: Exploring correlations between species richness and parasite infection in a small mammal community

Analyzing the effects of mating behaviors on female dispersal in the forked fungus beetle, *Bolitotherus cornutus*

Relationship between disturbances and morphological traits in salamanders

The effects of social network position on dispersal in the forked fungus beetle, *Bolitotherus cornutus*

Strength in numbers? Examining the effect of colony size on social immune systems in *Aphaenogaster* ants

Ecosystem services provided by woody vegetation and salamanders in disturbed areas

Elaiosome collection as a potential mechanism of self-medication in *Aphaenogaster* ants

Parasite co-infection and immune response: Composition of the parasite community and its effect on leukocyte profiles

View full abstracts at

[mlbs.org/2017REUProjects](http://mlbs.org/2017REUProjects)

## About the Station

MLBS is a University of Virginia field station that sits atop Salt Pond Mountain in Giles County, Virginia, approximately 3 hours southwest of the UVA campus. Surrounded by thousands of acres of deciduous hardwood forest in the southern Appalachians, the Station offers a wide array of natural environments for field research, as well as modern lab facilities. A friendly academic community fosters collaboration at all levels. Seminars occur twice weekly. Recreational opportunities include swimming, sand volleyball, hiking, running, and biking, as well as special events such as live music, dances, a volleyball tournament, a July 4<sup>th</sup> celebration, and other festivities.

## Contact Us

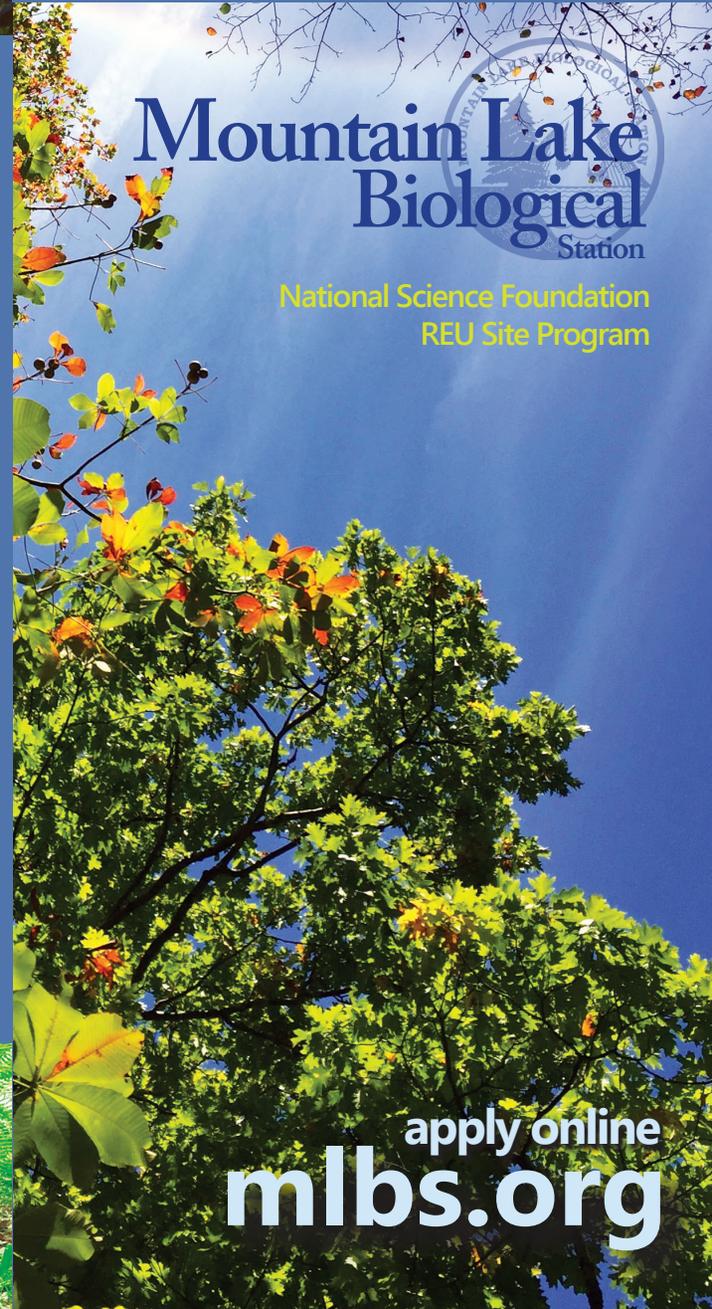
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# Mountain Lake Biological Station

National Science Foundation  
REU Site Program

apply online  
[mlbs.org](http://mlbs.org)

## How to Apply

Apply online at [MLBS.org](http://MLBS.org).

Application Requirements:

1. One-page essay
2. Transcript
3. Recommendation letter

Eligibility:

Undergraduate student  
U.S. citizen or permanent resident

Deadline: February 20, 2018

## Summer 2018 Program

The 2018 REU program runs for 10 weeks from May 28 - August 3.

All expenses are paid, including room, board, travel, and research supplies. Participants also receive a \$5,500 take-home stipend.

## National Science Foundation REU Sites Program

Our REU (Research Experiences for Undergraduates) program trains students in all aspects of the scientific and research process - from idea generation, experimental design, data management, and analysis to conceptual synthesis, writing, and presentation. The program provides guided, but highly independent, original research in one-on-one collaboration with a research mentor.

REU students live and work within the larger field station community of scientists, students, and families who make MLBS their home. REUs attend research seminars and workshops, and participate in other scientific and recreational activities. The Station supports a rich academic environment that fosters collaboration. MLBS prides itself on a scholarly community of individuals from many schools who live, teach, and work together.



2017 REUs

## Questions?

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