

STONE LABORATORY

Research Experience for Undergraduates (REU) Scholarship Program

Live the life of a professional researcher this summer!



STONELAB.OSU.EDU

2015

OHIO STATE'S ISLAND CAMPUS ON LAKE ERIE

Those students selected through a highly competitive application process will receive a full REU scholarship, which includes lab fee, room and meals, **in-state tuition** for the two-credit research experience and **in-state tuition** for one of our five-week courses. All applicants must have health insurance and pay any program fees required by particular Ohio State majors. This opportunity is only available to students that concurrently enroll in one of Stone Lab's five week courses. Visit stonelab.osu.edu/courses/upper for course listings.

TO APPLY

Submit the REU application at stonelab.osu.edu/applynow.

Applicants must also submit:

- a cover letter (2-page maximum)
 - a resume
 - college transcripts
- two letters of recommendation
- a Stone Lab Course Application

All application materials must be received by 5 p.m. EST on February 20, 2015. Selections will be made by the end of March.

Stone Lab's Research Experience for Undergraduates (REU) Scholarship Program teaches students in five weeks (June 21-July 25) how to conduct scientific, in-the-field research alongside top scientists.

While taking a five-week course at Stone Lab, REU students spend their non-class days focused on research. REU students work closely with their research supervisors to design an experiment, collect samples, learn how to analyze data and give a final presentation to their peers. Involvement can even continue beyond the summer, as students have the opportunity to attend local and regional conferences and to co-author scientific journal articles about their research.

This summer, students will conduct projects in the following focus areas:

- Ecology of the round goby: analysis of the condition of this invader of the Western Basin of Lake Erie (Ichthyology)
- Survival success of birds inhabiting the Lake Erie islands (Ornithology)
- Fish investigations to inform fisheries management (Fisheries Research/Management)
- Lake Erie Watersnake research to inform status of snake post-removal from endangered species list (Herpetology)
- Exploration of Lake Erie nutrient loading, hypoxic events (the "dead zone") and harmful algal blooms (Limnology)*

**Two of the four limnology REU students will have the opportunity to extend their REU from 5 weeks to 8 weeks, during which time they will work with Research Coordinator Dr. Justin Chaffin in the Stone Lab Water Quality Laboratory, earning an extra credit hour and being paid a salary for 20 hours per week with room and meals provided.*

INFORMATION

For additional information, please contact Research Coordinator Justin Chaffin at chaffin.46@osu.edu or call 419-285-1845.

F.T. Stone Laboratory, The Ohio State University's Island Campus, is the Lake Erie research and teaching laboratory for the Ohio Sea Grant College Program. Course credits are based on the Ohio State University semester credit system and are transferable to most colleges and universities.