



Cary Institute of Ecosystem Studies

Research Experiences for Undergraduates Translational Ecology

May 22—August 11, 2017



The Research Experiences for Undergraduates (REU) program at the Cary Institute of Ecosystem Studies is now entering its 30th year. The summer program provides ten undergraduate students with the opportunity to become part of a thriving ecological research community in Millbrook, New York.

As part of the REU program students will:

- Be a part of an exciting research community
- Design and complete a research project using state-of-the-art facilities
- Exchange ideas with a diverse group of students and scientists
- Learn how to translate ecology for policy, management and the public
- Publish results in our online *Cary Institute Undergraduate Research Report*
- Explore how ecological research impacts our society

Projects for 2017 include:

- Eavesdropping behavior and social information use in songbirds
- The scavenger community in a temperate northeastern forest
- Nutrient retention in forest soils
- Long-term consequences of high deer abundance on forest community structure and nutrient dynamics
- Ecosystem regulation of mosquitoes and disease risk
- Trans-boundary ecosystem effects of larval abiotic conditions on adult mosquito population dynamics
- Hudson River habitats in a changing world
- Lakes in a changing global environment
- Ecological change in the Sky Lakes on the Shawangunk Ridge
- Using a whole-lake experiment to understand how environmental change alters lake food productivity
- Children's learning and engagement in ecology

Stipend and Housing:

Participants receive a stipend of \$6,300, plus a \$900 food allowance and complimentary housing. Assistance with travel to and from the program is also available.

For more information contact:

Dr. Aude Lochet, REU Program Coordinator at 845-677-7600, x 326 or e-mail caryreu@caryinstitute.org.

Apply on-line by February 3, 2017 at <http://www.caryinstitute.org/students/reu-program>.