

2024 Recruiting Interns, Hubbard Brook and Bartlett Experimental Forests

Undergraduates seeking research experience in forest ecology are invited to apply for a 10-week expense-paid internship in the White Mountains of New Hampshire.

About the project: MELNHE (Multiple Element Limitation in Northern Hardwood Ecosystems) is the longest-running N by P factorial fertilization study in a temperate forest anywhere in the world. Since 2011, we have been conducting nutrient manipulations in 13 stands in Bartlett Experimental Forest, Hubbard Brook Experimental Forest, and Jeffers Brook. The MELNHE project presents many opportunities for short- and long-term research. More information is available at <https://www.esf.edu/melnhe/>, including a blog from previous field crews.

Internship Description: Interns will be guided in the design of their research projects and will interact closely with graduate students and senior research scientists from SUNY-ESF, Cornell, University of New Hampshire, and Miami University. Interns will gain a wide variety of skills by assisting in all ongoing projects. Interns have the opportunity to present their results at the annual Hubbard Brook Cooperators Meeting in July.

[Possible research projects](#) involve monitoring soil respiration, surveying soil macrofauna, measuring soil acidity, and identifying trees to treat for beech leaf disease. For more information, feel free to explore the following link:
https://docs.google.com/document/d/1SG8ZLny6SwdEdDWxozrynp8OdhwgEtm_i-VQZqZHbg/edit

Work days typically begin at 8:00 and end at 4:30, but may be shorter or longer depending upon the day's activities. Interns are provided with shared housing near Bartlett Experimental Forest; tenting is optional. A stipend of \$200 per week is provided for living expenses. Food is prepared communally by the interns and graduate student researchers, and costs for groceries average \$6-7 per day. Mileage to and from sites will be covered at the federal mileage reimbursement rate, but transportation to the job site in NH will not be covered.

COVID-19: We have experience with safely operating a field crew under COVID conditions, and will acquaint you with rules established by SUNY-ESF and by the [State of New Hampshire](#). All applicants must be fully vaccinated and boosted before the start of the internship.

Desired Qualifications: Ideal applicants will have a strong interest in forest biology, ecology, biogeochemistry, or geospatial analysis. Undergraduate students and recent graduates will be considered. A positive attitude is important and a sense of humor is a plus. Willingness to work and live in a communal setting is critical. Candidates should be able to perform repetitive tasks with attention to detail in a field setting under adverse conditions. Applicants should be flexible in their expectations, but an estimated breakdown of the summer is: 60% fieldwork, 15% lab work, 10% data management, and 15% research proposals and reports of independent projects.

To Apply: Please send one pdf file including your statement of interest, resume, and contact information for three references to Jake Beidler and Sara Sternick (Yanai.forestecology.lab@gmail.com). Your statement of interest should include a ranking of the four research topics. We will continue to accept applications until the position is filled. The field season will begin on June 3 and ends on August 12; let us know if your availability differs from those dates.