Rubenstein School of Environment and Natural Resources
University of Vermont
Perennial Summer Internship Program – 2017

Internship Title: Forest Biogeochemistry Summer Field Intern

Internship Site: Burlington, Mount Mansfield, Lye Brook Wilderness and other locations around Vermont

Description: Intern will work as part of the Vermont Monitoring Cooperative (VMC) statewide forest health monitoring program. The intern will work closely with a UVM graduate student and faculty to quantify the factors that increase carbon storage in forest soils across Vermont. Interns will also work as part of a larger team of VMC interns, graduate students, and scientists to establish monitoring plots, analyze data, and communicate results. These data will be used in conjunction with plot data on climate and plant diversity to examine controls on forest carbon storage.

After training, interns will be expected to work with UVM graduate students and faculty and VMC interns to plan daily trips, maintain equipment, interface with landowners, conduct field and lab work focused on soil properties, carbon, and microbial diversity, and utilize and enter gathered data into the database.

Desired qualifications/skills/coursework: Because of the nature of this field work, interns must be comfortable in the field and capable of hiking long distances over rough terrain. Some nights may require camping overnight to minimize travel time to clusters of distant plots. There may be days requiring travel where interns will be expected to work 10+ hours (when daylight allows; such days will be balanced with low hour days).

As with any research study, attention to detail and a willingness to raise questions or concerns are imperative. Because this field crew will work independently for much of the internship, successful applicants must also demonstrate a high level of maturity, responsibility and attention to safety standards.

Because of the nature of this work, it may be likely that work weeks will consist of four 10 hour days.

*Rubenstein students currently in their sophomore and junior years are eligible to apply. Earning internship credit through the Rubenstein Internship Program is required.*

Supervision: Interns will work closely with Adam Noel (UVM RSENR PhD graduate student) and Carol Adair (RSENR faculty). Intern will also interact with the VMC forest health research team via periodic meetings and site visit coordination.

Start and End Dates: June 12- August 18, 2017 (exact start/end dates are negotiable)
Total Hours: 40 hours/week for 10 weeks

Compensation: $12.50/hour

How to apply: Follow step by step application instructions which are available on the Rubenstein Perennial Internship Program website. This will include logging into the CEMS-RSENR Internship, Co-Op, Research System and submitting the following (as pdfs whenever possible) by midnight, Sunday, January 29th 2017:

a. Resume
b. Cover Letter - You should upload and submit unique cover letters for each position to which you’re applying
c. Position Ranking - If you are applying for more than one Perennial Internship, please provide list of the positions in rank order.
d. Reference(s) – Provide name & contact information for at least one professional reference (this could be someone who supervised you in a past work/internship/volunteer position, a professor or teacher, etc.)
e. Transcript – Login to your my uvm portal, click on the Registrar link, click Request Official Transcript by email, once received save it as a pdf and upload.
f. A recommendation form, completed by a faculty member or teaching assistant, will also need to be submitted on your behalf. Please send this link to the faculty member/teaching assistant when you ask if they are willing to complete the recommendation form for you. Your recommender will complete & submit this form online and then your recommendation will be confidentially uploaded to your application(s).