

Rubenstein School of Environment and Natural Resources

University of Vermont

Perennial Summer Internship Program - 2024

Internship Title: 2024 Forest Health Monitoring (FHM) Internship

Internship Site: 705 Spear St. Forestry Lab in South Burlington VT and various research sites throughout VT (including Mt. Mansfield and the Lye Brook Wilderness area) and New England (NH, MA, NY, RI, CT, ME). Travel will be required throughout the field season using provided rental vehicles. Data entry/processing can be done from a remote location.

Description: The RSENR Perennial Intern will work as part of a larger crew of 10-12 members, breaking off into crews consisting of two to three additional technicians each week to inventory and assess forest plots as part of a region wide forest health monitoring program. Following training with the Vermont State Department of Forest Parks and Recreation and FEMC staff, crews will work independently to establish monitoring plots, quantify stand composition and structure, assess canopy condition, and conduct regeneration and understory assessments on subplots.

Crews will also be responsible for planning daily trips, maintaining equipment, conducting field work, working with the FEMC database for data entry, as well as developing and contributing content to FEMC social media outlets. Additionally, the FHM Perennial Intern will partly be responsible for assisting in the data quality analysis portion of the program. This will consist of maintaining a data entry schedule that ensures the crew's latest data is entered and put through a rigorous check for errors. Towards the end of the field season a summary analysis for the data will be produced.

The position will ultimately be a balance of field work and data processing/analysis. The field work will primarily take place in Vermont with trips to other states when help is needed. The data will be coming in from our local and regional crews.

dendrology or botany course); Familiarity with, or the willingness to learn, navigation using a map and compass and/or GPS unit; Experience hiking and camping, and the willingness to do so for this position; Capable of conducting daily field work safely in rough terrain in harsh environmental conditions (heat, rain, biting insects); Strong attention to detail and communication skills; Demonstrate a high level of maturity, responsibility, attention to safety, and a willingness to raise questions or concerns.

Desired Qualifications: Experience conducting field work related to vegetation inventories, plant research, and/or

4. You'll need to upload both required documents in Handshake before you can apply for any Perennial Internship:

- Click on your name at top right of screen in Handshake
- Select Documents.

5. Please upload all documents as pdfs. The following are the required documents:

- Resume
- Cover Letter

i. You should write and upload a unique cover letter for each position to which you are applying.

ii. In your cover letter, provide the name & contact information for at least one professional reference. This could be someone who supervised you in a past work/internship/volunteer position, or a professor or teacher, etc. The person listed should not be the person who completes your recommendation form.

6. In addition to the documents listed above, a **recommendation form will need to be completed by a Rubenstein faculty, graduate student, or staff member of your choosing**. When you ask your recommender if they are willing to complete the form to support your application, please provide your recommender:

- This link: [RECOMMENDATION FORM](#)

- Only one recommendation form needs to be completed regardless of how many Perennial Internships you are applying for.

- Your recommender will complete & submit this form online and then your recommendation will be

confidentially added to your application