

# Rubenstein School of Environment and Natural Resources

## University of Vermont

### Perennial Summer Internship Program - 2024

**Internship Title:** Greenhouse gas and soil health technician

**Internship Site:** Aiken Forestry Sciences Building (705 Spear St.)

**Description:** Join the terrestrial biogeochemistry lab to learn about the impacts of agricultural soil management practices on climate change mitigation and adaptation within the dairy industry. This position will provide opportunities to participate in both lab and field activities related to improving soil health and mitigating agricultural contributions to greenhouse gas (GHG) emissions. Current objectives are to measure GHG emissions and soil nitrogen availability at two field sites in Vermont. Tasks will likely include: in-field gas and soil sampling, processing soil samples in the lab, assisting with soil inorganic nitrogen analyses, preparing chemical reagents, cleaning lab glassware, and data entry. There will be opportunities to network with scientists at the Forestry Lab.

**Desired qualifications/skills/coursework:** The ideal candidate must have an interest in soils, ecology, or biogeochemistry. Some experience in a laboratory and/or field setting is preferred, but not required. Applicants must be willing to work outdoors under potentially extreme and uncomfortable weather conditions. The ability to carry 25+ lbs of equipment in a pack for multiple hours is required. We are looking for someone with a strong desire to learn, adaptability, and good communication skills.

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

**Supervision:** Carol Adair will be the faculty supervisor. Two master's students in the Adair lab, Molly Ratliff and Sophia Rubien, and our soil/climate change research specialist, Marie English, will act as site supervisors responsible for daily supervision and mentoring.

**Start and End Dates:** Mid-May – Mid-August, 2024 (exact start/end dates are negotiable)

**Total Hours:** 30-40 hours/week for 12 weeks

**Compensation:** \$18/hour

**How to apply:** Rubenstein students who will have completed their sophomore or junior year by summer 2024 are eligible to apply. Students graduating in May 2024 are not eligible to apply. Earning Independent Study or Internship credit through the Rubenstein Internship Program is required.

1. Click the following link to view the Rubenstein Perennial Internship Descriptions in Handshake:

<https://uvm.joinhandshake.com/employers/226837>

- If asked to log in: click “UVM Net ID Login” & login.
- Click the Favorite button to enable easier searches in the future.

2. Click “View All Jobs” in Jobs at Rubenstein Perennial Internship Program box on right side of page.

3. You should now see the great Perennial Internship opportunities! Click “View Details” to learn more about each position.

- Please do take the time to carefully read each individual description so that you don’t miss a great opportunity by judging an internship solely on its title.
- You may apply for up to three Perennial Internships.
- All applications are due by **11:59pm, on Monday, February 5th, 2024.**

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(s). This recommendation form needs to be submitted by the February 5th, deadline.

7. Make sure that your resume and cover letter(s) are as strong as they can be! Utilize the resources around you:

- The Rubenstein Student Advisory Board members are great at reviewing resumes/cover letters and providing helpful feedback! Email the SAB to schedule an appointment after the start of the semester, or stop by their peer mentoring hours when the Spring semester starts (schedule to be posted by Jan 16, 2024): [rsenrsab@uvm.edu](mailto:rsenrsab@uvm.edu)
- Get your resume and cover letter reviewed by a Career Counselor at the Career Center. You can check the Career Center’s drop-in hours [here](#). The Career Center also offers a guide on building your resume available [here](#).
- Get connected with folks in the Rubenstein Student Services Office for resume and cover letter review during

drop-in hours:

Meghan Young – Tuesdays, 10:00am-12:00pm, Aiken 219 Emily LeForce – Thursdays, 1:00-3:00pm, Aiken 220 Hub  
Cathy Shiga-Gattullo – Mondays, 1:00-3:00pm, Aiken 220 Hub

8. If you are selected to interview for a Perennial Internship, you will be contacted by the site to set up an interview during late February to early March.