Internship Title: Lake Champlain Cyanobacteria Monitoring Project

Internship Site: VT DEC Offices, 1 National Life Drive, Montpelier VT

Description: The intern will assist with the Champlain cyanobacteria monitoring program, which is active June through October. Primary responsibility will be the identification and enumeration of weekly cyanobacteria samples collected from Champlain and several inland lakes, completing density calculations and uploading the data to the Dept of Health Tracking website. The intern will also be responsible for overseeing citizen cyanobacteria monitors on inland lakes. Additional tasks include analysis of water samples for the pigment phycocyanin, assisting with the development of education and outreach materials, responding to bloom events around the state and building our library of pertinent research. There will also be opportunity to assist with sample collection on Lake Champlain and experience other aspects of work in the Lakes and Ponds Program. To see how the data we generate is used, visit the Vermont Dept of Health CyanoTracker webpage and the VT DEC’s cyanobacteria webpage.

Desired qualifications/skills/coursework: You must be comfortable working at the microscope for 4-5 hours daily. Experience with algae identification would be great, however training will be provided. An understanding of basic limnology would be helpful as would experience with publishing software and databases. The applicant should also be comfortable interacting with and overseeing citizen monitors in person as well as via email or phone.

Eligibility: Rubenstein students who will have completed their sophomore or junior year by May 2020 are eligible to apply. Students graduating May 2020 are not eligible to apply.

Supervision: Angela Shambaugh, coordinator for the Lake Champlain Cyanobacteria Monitoring Project, will be the primary supervisor. The intern will occasionally work with others in the Lakes Program and with our counterparts at the Department of Health.

Start and End Dates: early June to late August, flexible.

Total Hours: 20 hours/week, 12 weeks. Schedule is flexible.

Compensation: $12.50/hour.
How to apply:

1. Click the following link to view the Rubenstein Perennial Internships in Handshake https://uvm.joinhandshake.com/employers/226837
   a. If asked to log in: click “UVM Net ID Login” & login.
   b. 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.
   a. Please do take the time to read through each individual description so that you don’t miss a great opportunity by judging an internship solely on its title.
   b. You may apply for up to three Perennial Internships.
   c. All applications are due by 11:59pm, Wednesday, January 29th, 2020.

4. You’ll need to upload all required documents in Handshake before you can apply for any Perennial Internship:
   a. Click on your name at top right of screen in Handshake.
   b. Select Documents.

5. Please upload documents as pdfs. The following are required documents:
   i. Resume.
   ii. Cover Letter - You should write & upload unique cover letters for each position to which you are applying to.
   iii. 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.
   iv. Other Required Documents - Reference(s) & Position Ranking - in one document, please include & upload:
      1. 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. The person listed should NOT be the person also completing your recommendation form.
      2. Position Ranking - If you are applying for more than one Perennial Internship, provide a list of the positions in rank order.

6. In addition to the documents you will need to submit, a recommendation form 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 to the recommendation form](#)

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

b. 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 January 29th deadline.

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

a. The Rubenstein Stewards are great at reviewing resumes/cover letters and providing helpful feedback – stop by Aiken 111.

b. Stop by the [Food, Environment & Sustainability Career Interest Group](#) Drop In Hours in the Career Center (204 Davis Center): Tuesdays, 10:30am – 12pm and Wednesdays, 1:30pm-3pm

c. Stop by Anna Smiles-Becker’s (Rubenstein Career Counselor & Internship Coordinator) office (Aiken 220G) to sign up for a resume/cover letter review appointment.

8. A team of Rubenstein faculty and staff will be reviewing all submitted applications and forwarding materials onto each Perennial site. If you are selected to interview for a Perennial Internship, you will be contacted by the site to set up an interview during early-mid March.