

Rubenstein School of Environment and Natural Resources

University of Vermont

Perennial Summer Internship Program - 2019

Internship Title: Recreation Capacity Intern

Internship Site: Dept. of Forests, Parks, and Recreation Barre District Office

Description: The Vermont Department of Forests, Parks, and Recreation has been collecting a variety of data linked to usage of the public's land-based resources for activities such as mountain biking, hiking and other recreational past times. The information collected will support statewide and regional Long-Range Management Plans, which determine how resources are allocated to maintain recreation infrastructure, and to make decisions related to trail network expansions.

The intern will support the collection and processing of recreation-based data taken from the following methods:

- Infrared trail usage sensors: The intern will help coordinate sensor location, calibration, and data collection. Collected data will be uploaded and analyzed, then correlated and linked to trail amenities such as parking areas to identify areas where additional capacity is needed.
- User surveys: The intern will help design a survey and develop a user-friendly. The user survey will be administered by both the intern and contractors. The intern will help process the collected data for use in management decisions.
- ESRI Collector App: This app is being used to record the location and condition of all trails on State Land. The intern will use this data to generate reports that will direct management decisions. Working with this data will require introductory knowledge of GIS.
- Parking area photos and vehicle tallies: Parking area usage data will be collected by contractors. The intern will help process this information by drawing correlations between the parking area data and trail counter data.
- Measuring site impact at designated remote camping locations

Data will also be integrated into the ArcMap GIS program to create heatmaps and spatial imagery to relay the capacity constraints and demands that are placed on the recreation infrastructure on State Land.

Desired qualifications/skills/coursework:

The position requires that the candidate:

- Proficiency with ArcGIS 10.x software and using hand-held GPS units to gather and transfer data into GIS.
- Strong foundation and interest in analytical statistic and be able to use Excel.
- Must be comfortable hiking alone over various terrains to collect trail data in the field, for up to 8 hours in a day.
- Be comfortable interacting with the general public.

- Personal transportation with valid driver's license and insurance are required for intern to travel independently to trail locations, and will be reimbursed for personal vehicle use. The intern must be willing to travel state-wide, although a majority of the work will occur in central Vermont.
- Candidates should be self-motivated, comfortable working independently, well-organized, able to communicate well with project partners, and capable of setting and meeting project goals. The intern will have the ability to make reservations at Vermont State Parks to support field efforts.

Supervision:

Walter Opuszynski, Field Recreation Specialist, Barre FPR District Office, will direct the work and supervise the position. Most of the work will be completed independently.

Start and End Dates: Mid-May – Mid-August, 2019 (exact start/end dates are negotiable)

Total Hours: 20 hours/week, 12 weeks

Compensation: \$12.50/hour

Rubenstein students who will have completed their sophomore or junior year by May 2019 are eligible to apply. Rubenstein students can apply for up to 3 Perennial Internships. Earning internship credit through the Rubenstein Internship Program will be required.

How to apply:

1. Click the following link to view the [Rubenstein Perennial Internships in Handshake \(https://uvm.joinhandshake.com/employers/226837\)](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 midnight, Wednesday, January 30th, 2019
4. You'll need to upload all required documents in Handshake in order to 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 whenever possible. The following are required documents:

- i. Resume
 - ii. Cover Letter - You should write & upload unique cover letters for each position to which you're applying
 - 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
 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'll submit, a [recommendation form](#) needs to be completed by a Rubenstein faculty, graduate student or staff member of your choosing. Please provide your recommender this [link to the recommendation form](#) when you ask if they are willing to complete the form to support your application.
- a. Only one recommendation form needs to be completed regardless of how many Perennial Internships you're applying for. This [recommendation form](#) needs to be completed by the January 30th deadline.
 - b. Your recommender will complete & submit this form online and then your recommendation will be confidentially added to your application(s).
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 219.
 - b. Stop by Anna Smiles-Becker's (Rubenstein Career Counselor & Internship Coordinator) office (Aiken 220G) to sign up for a resume/cover letter review appointment.
 - c. Visit the [The Hub](#), 1st Floor Davis Center Mondays-Thursdays 10am-5pm, Fridays 10am-3pm.
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.