

Rubenstein School of Environment and Natural Resources

University of Vermont

Perennial Summer Internship Program – 2020

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 recreation-based resources. This information is a key tool in supporting the development of the recreation aspect of Long Range Management Plans, determining how resources are allocated to maintain recreation infrastructure, and to make decisions related to trail network growth or alteration.

The selected student 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 to an on-line management area. Data will be correlated and linked to trail amenities such as parking areas to show capacity thresholds.
- User surveys: The intern will help design survey structure and develop a user-friendly method to give the survey in the field. 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 trail infrastructure 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

The processed data will be used to generate reports. Processed 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.

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.

Desired qualifications/skills/coursework: The intern must have proficiency with ArcGIS 10.x software and using hand-held GPS units to gather and transfer data into GIS. The intern must also have a strong foundation and interest in analytical statistic and be able to use Excel. The intern must be comfortable hiking alone over various terrains to collect trail data in the field, for up to 8 hours in a day. It will also be important that the intern be comfortable interacting with the general public. The intern must be able to travel independently to trail locations, and will be reimbursed for personal vehicle use for state purposes. The intern must be willing to travel statewide, although a majority of the work will occur in central Vermont. A valid driver's license and access to a personal vehicle with insurance are therefore required. 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 intern throughout the intern's employment. Most of the work will be completed independently.

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

Total Hours: 20 hours/week, 12 weeks

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)
<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.