



Jijuktu'kwejk Watershed Alliance - GIS Technician Summer Intern

The Jijuktu'kwejk ("gee gee WOK tok") Watershed Alliance is a partnership of citizens and communities from Berwick to Wolfville in Kings County Nova Scotia, with the common vision of a healthy and sustainable natural environment. The Goal of the JWA is to make the Jijuktu'kwejk (Cornwallis) River a cleaner, safer, more beautiful river. We are guiding the organization to become a community-supported non-profit, with leadership and representation from across the watershed and from indigenous communities.

Summer students in 2017-2019 have focused on water sampling, species at risk habitat assessment, and public engagement events. This summer, we are looking for a GIS technician summer intern to:

- (a) increase our understanding about wetlands in the watershed,
- (b) help identify strategic restoration priorities, and
- (c) foster public interest/knowledge in the watershed and work of the alliance through a StoryMap.

Goals

1. Gather and describe GIS data layers, from previous GIS projects.
2. Update, quantify and visualize data from environmental consulting reports to generate an updated inventory of subwatershed health/restoration opportunities.
3. Create a compelling esri StoryMap that can be used as an educational/inspirational tool.
4. Collect and maintain GIS data describing agricultural crops in the watershed.
5. Assessment of historic air photo, with incorporation of products into the StoryMap, website and social media.
6. Support drone flight photography of watershed and potential restoration areas.

Reporting Relationships:

The Intern will report to a mentoring team consisting of scientists and COGS staff. The mentoring team will create a schedule with the intern to help them achieve their goals.

Responsibilities of the Employer:

The employer will provide a safe and respectful work environment free from discrimination and harassment, meet the financial obligations to the employee in a timely manner and, within the financial capacity of the organization, provide the employee with equipment, materials and supplies to carry out their duties. In consultation with the employee, the employer will carry out a performance evaluation within two weeks of the start of the contract and at the end of the contract.

Responsibilities of Employee:

The applicant must be eligible to receive funding through the Canada Summer Jobs grant which states:

To be eligible, applicants must:

- be between 15 and 30 years of age at the start of the employment
- be a Canadian citizen, permanent resident, or person to whom refugee protection has been conferred under the Immigration and Refugee Protection for the duration of the employment
- have a valid Social Insurance Number at the start of employment and be legally entitled to work in Canada in accordance with relevant provincial or territorial legislation and regulations

It is preferred that interns have regular access to a car, cell phone and laptop (not mandatory)

Funding for These Positions:

This position is being funded by federal and municipal grants, some of which have requirements for participants. Grants have been applied to, however their status is not yet determined. We are confident that we will receive all of our grants, but they are not guaranteed.

Other details:

- Applicants must have a valid drivers licence and have daily access to a vehicle.
- Position maybe 10 weeks in the summer (mid June to August)
- Interns will work from COGS, will require some travel to field sites.

Remuneration: Depending on grants received, interns will receive a competitive salary. In 2019, salaries were around \$15/hour plus 4% vacation pay at 35 hours per week. A travel allowance will be provided for driving to field sites and training in Halifax (as funding allows).

To apply, please prepare

1. A cover letter describing why you are interested in this position, and tell us about your experience with GIS and mapping, environmental awareness, the Annapolis Valley and the Jijuktu'kwejk (Cornwallis) River. (experience in these areas are considered an asset but are not required).

2. Your resume

Please send them in one document to:

Jennifer West, Jijuktu'kwejk Watershed Alliance

By email to: jijuktukwejk@gmail.com

Deadline: 12:00pm March 27, 2020