

SUSTAINABILITY SCHOLARS PROGRAM

Summer 2020

The UBC Sustainability Initiative (USI) is pleased to offer current UBC graduate students the opportunity to work on funded sustainability internship projects. Successful candidates work under the mentorship of a partner organization, and are immersed in real world learning where they can apply their research skills and contribute to advancing sustainability across the region.

- Visit the [Sustainability Scholars Program website](#) to learn [how the program works](#) and to [apply](#).
- Be sure to review the [application guide](#) to confirm your eligibility before applying.
- **Applications close at midnight on Sunday February 2, 2020.**

Research project title: Whistler Energy Consumption and Greenhouse Gas Annual Inventory Report & follow up recommendations

Sustainability Goal or Operations Plan objective

Climate Leadership, Clean Air

Long Term Goal: Eliminate dependence on fossil fuels

Project description

The successful candidate will be tasked to complete Whistler's annual energy and GHG inventory report. This includes collecting and analysing various energy and GHG data sets, connecting with utilities and facility managers to verify and explain the results, and summarize findings in a detailed research report that is accessible to the broader community. In addition, the student will be tasked to provide a detailed policy briefing memo that addresses issues identified in the inventory, as well as to engage with local residents to increase understanding of inventory findings and to increase support for proposed policy actions.

The research will inform how Whistler is delivering on its sustainability goals, provides the foundation for ongoing energy management and climate mitigation efforts, and helps focus efforts where the most impact can be achieved.

The Resort Municipality of Whistler (RMOW) has been reporting on its GHG performance in detail since 2010. Its annual reports are highly detailed, and often include more information and analysis than what is provided by much larger local governments. An example can be found here:

<https://www.whistler.ca/sites/default/files/2019/Aug/related/14506/rmow-2018-annual-energy-ghg-emissions-performance-report-final.pdf>

Scope of work:

- Compile and assess annual GHG and energy data sets from a wide range of sources;
- Connect with utilities and facility managers to verify and explain the results;
- Work with RMOW technical staff to assess how Whistler is delivering on its sustainability objectives; including identifying where to focus future energy efficiency and GHG mitigation efforts;

- Synthesise information in an accessible public facing report;
- Work with the RMOW's communications staff to develop public messaging to communicate the findings of the annual energy and GHG inventory;
- Develop a detailed policy recommendations memo, informed by findings from the inventory report and Whistler's Community Energy and Climate Action Plan (CECAP);
- Time/skillset permitting: Help organize and conduct community outreach and engagement on inventory findings as well as policy recommendations.

Deliverables

Annual energy and GHG inventory

- Annual energy and GHG inventory summary report
- PowerPoint presentation of annual energy and GHG inventory report
- Detailed Excel workbooks on annual GHG and energy consumption data
- Detailed policy briefing memo on where to focus energy conservation and GHG mitigation efforts to get back on track to Whistler's sustainability objectives
- An Executive Summary for the UBC Sustainability Scholars online project library

Time Commitment

- This project will take **250** hours to complete.
- This project must be completed between May 4 and August 14, 2020
- **The preferable work location is in Whistler to be able to physically interact with and learn from RMOW staff. Remote work may be considered for the right applicant (remote scholars may need to come to Whistler for face-to-face meetings, and would be reimbursed for travel/accommodation/per diem costs.**
- The Scholar is to complete hours between 8 am to 5pm, 9 days per fortnight (the RMOW's default schedule), for approximately 20 hours per week. Schedule to be discussed and finalized with the scholar.

Required/preferred Skills and Background

- Excellent research and writing skills
- Demonstrated interest in sustainability
- Experience conducting stakeholder engagement events, including facilitation skills, is an asset
- Statistical analysis
- Excellent public speaking and presentation skills
- Community engagement experience
- Strong analytical skills
- Ability to work independently
- Deadline oriented



Applications close **midnight Sunday February 2, 2020.**

Apply here: <http://sustain.ubc.ca/scholarsapply>

Contact Karen Taylor at sustainability.scholars@ubc.ca if you have questions

Useful Resources

Below are some links to useful resources to help you with your resume and cover letter (there are many more online). Some of these resources also provide information on preparing for your interview.

<https://students.ubc.ca/career/career-resources/resumes-cover-letters-curricula-vitae>

<https://www.grad.ubc.ca/current-students/graduate-pathways-success>

<https://www.grad.ubc.ca/cover-letter-cv-resume-templates-ubc-career-services>

The Centre for Student Involvement & Careers will host a resume & cover letter webinar tailored for graduate students on Tuesday, January 21, 2020 from 12:00-1:30. Registration will open approximately two weeks before the webinar, and can be accessed at Careers Online.

