

Summer 2024 Sustainability Scholars Program Internship Opportunity

The UBC Sustainability Hub is pleased to offer current UBC graduate students the opportunity to work on sustainability internship projects. Successful candidates work under the guidance of a mentor from the partner organization, and are immersed in real world learning where they can apply their research skills and contribute to advancing sustainability across the region. These opportunities are paid. The pay rate for the summer 2024 program is \$27.50/hour or \$6,875 for a 250-hour project.

- Visit the [Sustainability Scholars Program website](#) to learn [how the program works](#) and to [apply](#).
- Be sure to review the application guide on the Apply page to confirm your eligibility before applying.

Applications close at midnight on Sunday January 28, 2024.

Project title: Inventory of the Provincial Health Service Authority fleet vehicles to support transition to an electric fleet

Project Background & Overview:

The Energy and Environmental Sustainability (EES) team is a regional collaboration team that provides a service to Fraser Health, Providence Health Care, Provincial Health Services Authority (PHSA) and Vancouver Coastal Health. The EES team collaborates with clinical and non-clinical departments and staff to implement a regional approach to low-carbon, climate-resilient and environmentally sustainable health systems through planning, design, procurement, construction and operations.

Developing a fleet inventory for PHSA would support ESS in creating a clean fleet plan and transitioning to an electric vehicle (EV) fleet. Shifting PHSA's fleet to EVs will support lower greenhouse gas emissions and decrease local air pollution. Additionally, there are health benefits associated with better quality air and climate change mitigation.

This project, *Inventory of the Provincial Health Service Authority fleet vehicles to support transition to an electric fleet*, will support PHSA in taking climate action. EES will host the Inventory project.

Project description

The purpose of the project is to unify fleet information into a single inventory that will support PHSA's Clean Fleet planning. The work will support PHSA in meeting climate action requirements (e.g., CleanBC requirements for Clean Fleet plans) and decrease carbon emissions. It will support positioning PHSA to purchase only zero emissions vehicles by 2035, in alignment with CleanBC objectives.

Project scope

Over the period of the project the student will work with the mentor to:

SUSTAINABILITY SCHOLARS PROGRAM

- Review BC health care electric vehicle background information (e.g., [Electric-Vehicles A-baseline-study-and-analysis-for-a-regional-strategy.pdf \(bcgreencare.ca\)](#) and [baseline data](#))
- Build a unified fleet database with 40 – 100% of the 95 vehicles catalogued (to be determined based on project progression) and information on EVs that would be equivalent to current models, expected replacement date for current vehicles, and relevant contact for fleet vehicle to support an understanding of the needs for the vehicle (as information is available)
- Connect with key PHSA staff working with fleet vehicles to verify the data and fill data gaps
- Time permitting, build a decision-support tool that considers environmental impacts to assist PHSA's departments in the vehicle selection process
- Create a report on project context, methods, and results in a format that could be incorporated into the draft clean fleet plan.

Deliverables

- A unified database for PHSA's fleet vehicles with 40 – 100% of the 95 vehicles catalogued (to be determined based on project progression)
- Time permitting, a decision-support tool to consider environmental impacts in vehicle selection process
- A final report containing a summary of the work completed
- A final report for the online public-facing [Scholars Project Library](#).

Time Commitment

- This project will take 250 hours to complete
- This project must be completed between May 1 to August 15, 2024
- The Scholars is to complete their hours between 9 am and 5 pm, Monday to Friday, approximately 17 to 20 hours per week.

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
- Ability to work independently
- Deadline oriented
- Project management and organizational skills
- Comfortable interacting with strangers to conduct public/in person surveys
- Interest in or familiarity with electric vehicles, transportation, or related topics, an asset

Applications close **midnight Sunday January 28, 2024**

Apply here: [Click here to apply](#)

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

Useful Resources

We are holding a special **resume preparation workshop for prospective Scholars** on January 23, 2024. [Click here for details and to register.](#)

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>