

## Fall 2022 Sustainability Scholars Program Internship Opportunity

The UBC Sustainability Hub 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 September 18, 2022.**

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### **Project title: Evaluating Climate Policy: Greenhouse Gas Attribution Analysis**

#### **Project Background & Overview:**

The Government of British Columbia has legislated greenhouse gas (GHG) emission reduction targets of 40% for 2030, 60% for 2040, and 80% for 2050, with plans to revise these targets to be net-zero by 2050. To achieve these targets, government has published the CleanBC: Roadmap to 2030. This strategy document builds on the previous CleanBC climate plan to achieve the remaining emissions reductions to reach our 2030 goal and set up success for 2040 and 2050 goals. Evaluating climate policy encompasses the amount of greenhouse gas (GHG) reduction potential, as well as impacts of policy on the economy, the environment, and society. One such type of evaluation is framed as a GHG attribution analysis. This ensures that decision makers have several points of information when considering which climate policies to pursue, revise, or abandon.

#### **Project description**

The Sustainability Scholar will support the work of the BC Government by conducting a jurisdictional scan of governments conducting climate evaluation through a GHG attribution lens. The scan could also include academic literature on climate evaluation. GHG attribution, in this sense, is the ability to ascribe emissions reductions to portfolios of climate policy (e.g., transportation policies equal X tonnes of emissions reduction). The Scholar will report back on any data and best practices found. To this end, the Scholar will also report back on how GHG attribution is being used to report on progress toward climate targets/objectives. The scholar will also run 1 to 2 climate policy studies using the GHG attribution methodology that the BC government owns with data collected from subject matter experts and secondary data sources.

#### **Project scope**

The Scholar will conduct a jurisdictional scan, likely involving phone interviews and literature reviews, of current efforts by other governments to conduct climate evaluation using a GHG attribution lens. The Scholar will investigate one or more climate policies and apply the methodological framework owned by BC government.

# SUSTAINABILITY SCHOLARS PROGRAM

Activities will include

- Become familiar with the GHG attribution methodological framework (requires familiarity with Python and Excel).
- Identify one or more climate policy case studies to use with the methodological framework and work with BC government staff to engage subject matter experts and collect data.
- Compile necessary data inputs to run the GHG attribution framework and carry out the method.
- Update the method book with any new information as relevant.

## Deliverables

- A final report summarizing the current state of climate evaluation (including data and sources) specific to GHG attribution globally from the jurisdictional scan, a summary of the policy review and identification of best practices the BC government should consider pursuing.
- An excel workbook of the selected case-study(s) as an output of the GHG attribution framework, and accompanying method book.
- A final report for the online public-facing [Scholars Project Library](#).

## Time Commitment

- This project must be completed between October 17, 2022 and March 15, 2023
- The scholars are to complete hours between 9 am and 5 pm, Monday to Friday, approximately 10 to 12 hours per week.

## Required/preferred Skills and Background:

- Familiarity with Python and Excel
- Excellent research and writing skills
- Familiarity with climate policies, including CleanBC and CleanBC: Roadmap to 2030
- Project management and organizational skills
- Ability to work independently
- Strong inter-personal and analytical skills

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

Contact Karen Taylor at [sustainability.scholars@ubc.ca](mailto: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>