

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: A review of climate adaptation planning for transit agencies

Sustainability Goal or Operations Plan objective

Climate Leadership

Long Term Goal: Building Resiliency to Climate Change

Project description

The outcome of this project will be to support TransLink in developing a climate adaptation plan for transit infrastructure, infrastructure planning, and operations with a focus on assets and resiliency.

Scope of Work:

- Conduct a scan of climate adaptation plans from a select number of transit agencies around the world. Summarize the common elements of a climate adaptation plan for transit focusing on assets and resiliency.
- Conduct primary research (interviews) with a select number of transit agencies to understand the process undertaken, including resources and supportive policies required, stakeholders engaged/consulted, and timelines and milestones to develop the adaptation plan. Identify how resiliency is integrated within the adaptation plans. Determine what on-going processes are in place to implement, report back on, and update the adaptation plan over time.
- Identify resources available in Canada to transit agencies to support the adaptation and resiliency planning process.

Deliverables

Note that a final deliverable (either a full report or, if the report contains confidential information, an executive summary) is required by the end of the program (March 14, 2020). The deliverable will be archived in the online public-facing [Scholars Project Library](#).

- A draft report, containing a summary of initial research results.
- A final report, containing a summary of research results, including a detailed report on interviews with stakeholders, complemented by a final presentation to key stakeholders.
- Recommendations as to which processes, resources and supportive policies might be most effective for TransLink to consider in its climate adaption planning, with respect to infrastructure, operations, assets, and resiliency.
- A final report [or 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 Scholar is to complete hours between Monday to Friday, 8 AM – 4 PM, approximately 18-20 hours per week.

Required/preferred Skills and Background

- Excellent research and writing skills
- Demonstrated interest in sustainability
- Familiarity with research methodologies and survey techniques
- Strong analytical skills
- Ability to work independently
- Deadline oriented
- Project management and organizational skills
- Familiarity with benchmarking methods and tools
- Comfortable interacting with strangers to conduct public/in person surveys

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.

