

# 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.**

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## Research project title: Understanding best practices and key barriers to scaling zero emissions homes in B.C.

### Sustainability Goal or Operations Plan objective

Accelerate implementation of Zero Emissions New Homes in the Region  
Long Term Goal: Eliminate GHG emissions from homes

### Project description

The outcome of this project will identify emerging best practices and key barriers to scaling zero emissions homes in B.C. The project will also compare how the best practices and key barriers align with existing knowledge and resources and identify gaps where appropriate.

### Scope of Work:

- Review documentation, including drawings, budgets, photos, completed builder/designer questionnaires for 20 near zero emissions homes to identify trends in solutions and barriers associated with building near zero emissions homes in Vancouver.
- Interview select builders/designers to collect additional data as required
- Derive key categories of importance from the review of information and collate findings into those categories
- Summarize solutions and barriers in a consolidated short report or presentation
- Cross reference solutions with previously developed resource map (completed by 2019 ZEBx Sustainability Scholar) and identify gaps in knowledge between empirical data and existing resources
- Conduct additional interviews with builders/designers and municipal staff to develop actionable next steps required to advance solutions or overcome identified barriers.
- Consolidate findings into a report or presentation.

### Deliverables

- Database of categorized findings from review of project information
- Interim short report or presentations of identified solutions and barriers resulting from data review
- A final report, containing a summary of completed work with recommendations, complemented by a final presentation to key stakeholders (report to also serve as final UBC Project Library report)

### Time Commitment

- This project will take **250** hours to complete.
- This project must be completed between May 4 and August 14, 2020
- Scholar schedule is flexible, though it is expected that a minimum of half of the time will be spent in the ZEBx office during normal operating hours (9-5pm)

### Required/preferred Skills and Background

- Excellent research and writing skills
- Demonstrated interest in sustainability
- Strong analytical skills
- Ability to work independently
- Demonstrated experience in building science
- Demonstrated interest in green buildings
- 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](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>

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.

