



Community-Based Research (CBR) Project Proposal Form

U-Links Administration Only

Project Number (automatically generated by CBR database): 6348

Recommended Courses and/or Disciplines (i.e. GEOG4030Y, FRSC4890Y, IDST3700Y/3710H/3720H, ERSC3160H, PSYCH or Alternatives):

Recommended Faculty Advisors:

PROJECT TITLE: Minden Riverwalk – Indigenous Perspectives on Aquatic Plants and Water

A – CONTACT INFORMATION

- a) **Date:** 12/08/24
 - b) **Contact person:** Carolyn Langdon
 - c) **Phone:** 705 935-0380 (April – Dec) 705 216 9921 (Jan 8 – April 6, 25)
 - d) **Email:** carolynlangdon3@gmail.com
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B – COMMUNITY ORGANIZATION

- a) **Organization's name and address:** Haliburton County Master Gardeners

Briefly state the organization's purpose and the products or services offered:

The HCMG are a volunteer-based organization with a long history of community service. The HCMG offers science-based horticultural information and advice to home gardeners, local governments, and community organizations. A certified master gardener receives a horticultural education and is required to keep abreast of new developments in the field and to develop specialized knowledge of the growing conditions of their region. The HCMG are widely recognized for their knowledge and experience with native plants, design and natural processes. In 2024 they became a delivery partner for The Natural Edge Programme of Watersheds Canada. They were awarded the Environmental Award from the Ontario Horticultural Association for the Minden Riverwalk interpretive trail. They were recognized by the Haliburton Highlands Land Trust as an Enviro Hero in 2022. Established in 2003, the HCMG are a member group of Master Gardeners of Ontario Inc. (MGOI).

- b) **Has an immediate supervisor or board approved this application?** Yes
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C - PROJECT SCOPE

e) Full year undergraduate CBR projects are allotted 220 hours total, per 1-2 students on a single project. The condensed hours are similar to six weeks of full-time work. Full term students would be working on this project from September to April as part of a course, while balancing work from other courses as well. Half term students will be working on this project from September - December or January to April. Does the scope of your project fit within this timeframe?

Yes • No • Comments: Yes, we are also applying for an HCDC grant for the 2025/26 year. Their funding cycle is April 1 to March 31st. If we are successful we'll know by May 1st, 2025.

f) Select the theme(s) for your project: [Environmental](#)
• Cultural • Economic • Environmental • Social • Other:

g) Based on the timeframe and complexity of your project, please indicate the potential project scale: Not sure and would like your assistance. [Single year project](#). [Ideal for undergraduate or graduate students](#)

- Single year project
- Multi-year project (requiring follow up or several parts)
- Ideal for undergraduate students
- Ideal for graduate students (requires specialized knowledge/in-depth consideration of theory)

h) Is your project appropriate for a single student or a group? [Either](#)

[Research student to identify and describe the aquatic plants that were/are important to the local tribes in the region and the life-giving importance of clean water in indigenous world view and cosmology.](#)

[Outcome: important contribution to literature on the value of aquatic plant species and the role of water in the ecosystem from an indigenous cosmological point of view](#)

[Measurement: The species type and location of native plant species important to local indigenous tribes within land covered by the St. Williams Treaty.](#)

i) How will the project benefit your organization and/or clients? [The information will be included in various forms on a multimedia walking tour including physical point of interest signs, audio track and written text on Pocketsights app.](#)

j)

[How will the results of this project benefit Haliburton County? The results will be used to produce an interpretive audio walking tour of Herlihey Park and the Minden Boardwalk \(wetland\). These are 2 public, well traversed "parks". The information will inspire and educate residents and visitors to respect fresh water and learn about the first people's of the area. The existing plants are predominantly native with some nonnative cultivars. Curve Lake First Nations were consulted in the planning stage of Herlihey Park in Wilberforce.](#)

k)

D – RESEARCH DESIGN

- a) **What are the proposed research questions to be answered?**
 - b) What is the life-giving importance of clean water in indigenous world view and cosmology.
 - c) From the list of plants inventoried by HCMG which plants (aquatic, herbaceous, shrub and tree) found along the Minden Boardwalk (wetland) and Herlihy Park were/are important to the indigenous people of the area.

 - d) **What are your ideas on how these questions might be answered (i.e. survey, literature review, field work etc.)?** [literature review](#)

 - e) **Do you have knowledge of or expertise with these types of research methods?** [Literature review](#)
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E - SCREENING AND/OR TRAINING

- a) **Do the students require any specific screening or training? (e.g. police checks, confidentiality agreements, CPR, WHMIS):**

Yes No **NO**

Comments:

EXAMPLES: Projects involving vulnerable populations may require police checks. Some types of field work may involve WHMIS or other safety related training. Students and hosts working on boats need to understand and follow the U-Links Boat Safety Guidelines.

F – RESEARCH ETHICS

- a) **Does the research involve human subjects? (i.e. surveys, interviews)**

Yes No **NO**

NOTE: If yes, the students may be required to submit an application for ethical review of the research. This process may take several weeks and will need to be taken into consideration when creating project timelines.

- b) **If your project involves collecting human subject data (i.e. interview transcripts), would you like access to that “raw” data at the end of the project, in addition to receiving the “summary” of data in the final report?**

Yes No **NO**

- c) **Does the organization/employer have policies about research ethics approval?**

Yes No **NO**

If yes, please explain:

G – PROJECT TASKS AND TIMELINE *(This section should be completed by the final draft)*

a) Please outline the major tasks and timelines involved in completing the project.

These tasks include important information to be gathered, key stakeholders who should be involved relevant dates for your organization, and critical meetings for the student to attend. Your Coordinator can help you complete this section.

Task: Meet with hosts via zoom and in person

Objective: Familiarize students with projects

Date: 2025

Task: complete detailed project outline/project agreement

Objective: Finalize project details, responsibilities, logistics, etc.

Date: 2025

Task: Example - receive ethics approval

Objective: Meet university ethics requirements for interviews

Date:

Etc:

Indicate important start and end dates for the project, if applicable: 2025 – March 31st 2026

H – RESOURCES

NOTE: All known and needed resources should be listed in this section (e.g. for project coordination, data collection and analysis, software, hardware, photocopying, office supplies, workspace, travel expenses, food and refreshments, training, etc.). Students' travel expenses are reimbursed by U-Links at the end of the term.

a) What resources are needed to support the research – financial or otherwise?

We require research to identify plants significant to 1st Nations communities in the St. Williams Treaty area.

Project coordination

Data Collection

Please indicate what, if any, resources your organization might be able to provide.

volunteers, horticultural knowledge, Canada Tree grant

b) Do you anticipate needing funding or other types of resources? If so, please explain (including any ideas on where resourcing may be obtained):

Minimal resources for this aspect of the project to be funded by HCMG

I – KNOWLEDGE SHARING

NOTE: Please note the researcher(s) will own the copyright for all work completed as part of his/her involvement, but the lead organization/group/employer may use all project outputs in whole or in part, as it sees fit as long as the researcher(s) is duly credited as the author. If work is completed collaboratively, copyright will be decided by all project participants.

a) **How are the project results to be circulated and made useful to the broader community? Please indicate all that applies from the list below:**

- Academic article
- Conference/forum
- Manual
- Marketing, promotional, newsletter, outreach materials
- Policy brief
- Report
- Roundtable
- Video
- Workshop
- Presentation to the host organization
- Not sure of the above, let's talk some more

Interpretive audio walking tour signs, Pocket Sights app, report, marketing, promotional, newsletter, outreach material

If there are special circumstances where results might not be made public, please explain:

J - ACKNOWLEDGEMENT

a) **Are you able to credit U-Links when utilizing project results for the development of new programs, funding applications, policy, and other community endeavors?** *(Suggestions: cite U-Links and display our logo in your organization's printed matter and on your website, credit U-Links when speaking about your project in public and in the press, social media etc.)*

YES, absolutely.

Yes No Possibly

b) **Following successful completion of the research project, with results beneficial to the goals of your organization, would you consider a financial contribution to U-Links?**

Yes No Possibly

c) Can we highlight your project on our website and in social media?

Yes please.

Yes No

K – PROJECT PROMOTION

Please “insert” an image below to help promote your project proposal.