



## Community-Based Research (CBR) Project Proposal Form

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### U-Links Administration Only

**Project Number** (automatically generated by CBR database):

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

**Recommended Faculty Advisors:**

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**PROJECT TITLE:** A Seed Bank Feasibility Study of Norah's Island

### A – CONTACT INFORMATION

**Date:** April 19, 2023

**Contact person:** Janis Parker

**Phone:** 416-720-6415 or 705-754-2500 (After April 29<sup>th</sup>)

**Email:** janis@parkerpad.com

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### B – COMMUNITY ORGANIZATION

- a) **Organization's name and address:** The Norah's Island Management Committee (NIMC) and the Haliburton Highlands Land Trust
  
  - b) **Briefly state the organization's purpose and the products or services offered:** The Norah's Island Management Committee was formed through a partnership with the Kennisis Lake Cottage Owners' Association (KLCOA) and the Haliburton Highlands Land Trust (HHLT). The purpose is to preserve land of ecological importance for future generations.
  
  - c) **Has an immediate supervisor or board approved this application?** Yes – Sheila Ziman
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### C - PROJECT SCOPE

- a) **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:

**b) Select the theme(s) for your project:**

- Cultural
- Economic
- Environmental
- Social
- Other:

**c) Based on the timeframe and complexity of your project, please indicate the potential project scale:**

- 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)

**d) Is your project appropriate for a single student or a group?**

Either.

**e) Describe the purpose of the project:**

Norah's Island is a 22-acre pristine island on Kennisis Lake. The seclusion, and limited access to visitors, makes the island an area where the old growth trees have not been ravaged by current diseases or disturbed by humans. The purpose of this study is to preserve the local flora for generations to come. Specifically, by completing a seed bank feasibility study for Norah's Island. Students will visit the island to begin the seed collection process and inventory analysis for current plant and tree species.

**f) How will the project benefit your organization and/or clients? Will benefit our local cottages, and perhaps Haliburton Forest**

**g) How will the results of this project benefit Haliburton County? Healthy Forests benefit Haliburton County**

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**D – RESEARCH DESIGN**

**a) What are the proposed research questions to be answered?**

*Is a seed bank feasible?*

- *What flora are currently on Norah's Island (Confirming species listed in the 2008 Baseline Documentation Report)*
- *Identify time frames for seed collections (species dependent?)*
- *Seed collection protocols (picking, cataloging, storage, germination testing, etc.)*
- *Leaf-out and spring ephemerals species identification*
- *Identifying costs of materials*

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

- Literature review of current practices
- Field research (species identification and seed collection)
- Inventory Analysis
- Connecting with local organizations on building partnerships

**c) Do you have knowledge of or expertise with these types of research methods? No**

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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** • 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.*

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## F – RESEARCH ETHICS

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

Yes • **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** • **N/A**

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

Yes • **No** • **N/A**

If yes, please explain:

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## G – PROJECT TASKS AND TIMELINE – *Hoping Jim Prince & Jeff Pinkney can help me with this.*

- 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:** Set initial meeting with host organization and students

**Objective:** Familiarize students with project

**Date:**

**Task:** Complete Project Agreement

**Objective:** Finalize responsibilities, logistics, etc. for each party

**Date:**

**Task:** Field Work

**Objective:** Collect seed samples

**Date:**

**Task:** Progress Report

**Objective:** Have students show their work and ensure that all parties are satisfied and that the report meets the needs of the host organization. Allows for early comments by the host organization.

**Date:**

**Task:** Complete poster for Celebration of Research

**Objective:** Students will finish the poster for celebration of research in time for U-Links to send to the printing company. Early drafts will be sent to the host organization for review prior to the deadline.

**Date:**

**Task:** Final Draft

**Objective:** Have the final draft completed prior to Celebration of Research to give host organization enough time to comment on results and make changes where necessary.

**Date:**

**Task:** Host review and feedback on Final Draft

**Objective:** Provide feedback to students on the final draft of the report so that revisions can be made

**Date:**

**Task:** Participate in the Celebration of Research

**Objective:** Share research and knowledge with the public; make connections

**Date:**

**Task:** Final Report

**Objective:** Publication of report and other documents on the U-Links website and Haliburton County Collection database. Hosts will receive final report and other deliverables for final approval prior to publishing.

**Date:**

**b) Indicate important start and end dates for the project, if applicable:**

Spring start date to complete spring/summer field work.

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

Our organization can arrange for transportation to and from Norah's island, and also may be able to provide some financial support for the research. Background resources.

- b) **Do you anticipate needing funding or other types of resources? If so, please explain (including any ideas on where resourcing may be obtained):** Need to ultimately decide, if the project is viable, we need to know where we would build/house the seed vault.

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## 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

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

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## 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    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  No

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#### K – PROJECT PROMOTION

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

(I can send you an aerial photo of Norah’s island – but it is also the Haliburton Land Trust’s web site.)