



Community-Based Research (CBR) Project Proposal Form

U-Links Administration Only

Project Number (automatically generated by CBR database): 6155

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

Recommended Faculty Advisors:

PROJECT TITLE: Creation of an Informative GIS Map for DSLPOA

A – CONTACT INFORMATION

Date:

Contact person: Rick Wesselman, Jim Miners

Phone:

Email: rwesselman@rbbn.com jimhse@yahoo.ca

B – COMMUNITY ORGANIZATION

- a) Organization's name and address: Drag and Spruce Lakes Property Owners Association (DSLPOA)
- b) Briefly state the organization's purpose and the products or services offered:
- c) Has an immediate supervisor or board approved this application?

Yes

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?

Single student

e) Describe the purpose of the project:

The purpose of this project is to create an informative GIS map for the Drag and Spruce Lakes Property Owners Association (DSLPOA). The map aims to provide DSLPOA members with an easily accessible, comprehensive tool for understanding and navigating their lakes and the surrounding amenities.

f) How will the project benefit your organization and/or clients?

The project equips DSLPOA with a powerful tool enhancing their ability to communicate essential information to their members. Additionally the project will foster environmental awareness and facilitate recreational planning that contributes positively to the management and protection efforts of DSLPOA to their lakes and ecosystems.

How will the results of this project benefit Haliburton County?

The project will contribute to the broader environmental awareness and stewardship in the county, as DSLPOA members engage with ecological features on the map and take actions to protect their local environment.

How did you hear about U-Links Centre for Community Based Research?

Word of Mouth Social Media Newsletter News Article Other: _____

D – RESEARCH DESIGN

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

- ❖ *What specific ecological features and environmental data should be prioritized for inclusion on the GIS map for Drag and Spruce Lakes?*
- ❖ *How can data gathered from the host, government agencies and existing physical maps be integrated effectively to create a comprehensive and informative map?*
- ❖ *What is the most suitable GIS software and best practices for creating an easy-to-use, informative map for DSLPOA members?*
- ❖ *How can the map effectively communicate areas with invasive species and recommended actions for mitigation, such as low wake boating zones?*

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

- ❖ Literature Review
- ❖ Data gathering from host/lake association members
- ❖ GIS Mapping

c) Do you have knowledge of or expertise with these types of research methods?

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.

F – RESEARCH ETHICS

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

Yes No

**This project could be incorporated to include human data collection but is not mandatory.*

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

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

Yes 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: First Meeting / Student Orientation

Objective: Discuss the project objectives and scope and complete project agreement

Date: Week 1-2

Task: Complete project agreement

Objective: Develop, discuss and sign project agreement by all parties, including breakdown of tasks and initial research. Develop applications necessary including ethics clearance for data collection.

Date: Week 3

Task: Background Research and Lake Association Member Engagement

Objective: Gather data from DSLPOA members, including ecological, recreational and environmental information. Collect relevant data from government agency websites and public environmental datasets.

Date: Week 4-5

Task: GIS Map Development

Objective: Evaluate GIS software options and choose most suitable based on project needs and student background experience. Begin creating GIS map including ecological features, infrastructure, recreational areas and invasive species zones.

Date: Week 6-9

Task: Testing and Finalization

Objective: Continue GIS map development and begin user-friendly interface manual for DSLPOA members to update map internally.

Date: Week 8-9

Task: Testing and Finalization

Objective: Gather feedback from DSLPOA members involved in project, incorporate their feedback and make necessary adjustments to map.

Date: Week 9-11

Task: Final Delivery

Objective: Finalize map, ensuring it aligns with DSLPOAS goals and objectives for the project.

Date: Week 10-12

Task: Celebration of Research

Objective: Present research findings at Haliburton Community

Date: TBD, 2025

Etc:

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

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.

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

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:

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

K – PROJECT PROMOTION

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