



## 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: Evaluating Alternatives to Traditional Fireworks for Lake Associations in Haliburton County**

#### **A – CONTACT INFORMATION**

**Date:**

**Contact person:**

**Phone:**

**Email:**

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#### **B – COMMUNITY ORGANIZATION**

- a) **Organization’s name and address: WWEW in partnership with several Lake Associations**
  - b) **Briefly state the organization’s purpose and the products or services offered:**  
The Woodlands and Waterways EcoWatch is environmental-based programming facilitated by U-Links Centre for Community Based Research. WWEW was established to facilitate environmental initiatives in the Haliburton region to help fill the data gap relating to ecosystem health. WWEW has implemented a citizen science model and works with students and faculty from Trent University and Fleming College to utilize their knowledge and expertise. The goal is to provide information and data to allow local decision makers to implement policies with measurable impacts.
  - c) **Has an immediate supervisor or board approved this application? Yes (WWEW Chair and KLCOA board member).**
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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? Group preferred.**

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

The purpose of this project is to identify and evaluate alternatives to traditional fireworks for Lake Associations (LA) in Haliburton County. With escalating costs, local bylaw restrictions, complex insurance requirements and increasing concerns about the environmental impact and wildfire risks, there is a growing need to identify sustainable and community-accepted alternatives to traditional fireworks. This project will investigate the feasibility, cost-effectiveness, and community perception of alternative options such as drone/laser or light displays. Additionally, the project will encompass detailed financial comparisons, regulatory compliance issues, and implementation challenges of these alternatives compared to traditional fireworks.

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

This project will provide Lake Associations with the understanding of potential alternatives to traditional fireworks that includes their economic, regulatory and practical implications. Additionally the project will help Lake Associations make informed decisions about cost-effective event planning. By collecting and analyzing community feedback/responses and evidence from other successful substitutions to traditional fireworks, the project will offer clarity on the community reception to these alternatives.

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

The results of this project will benefit Haliburton County by promoting safer, environmentally friendly, and sustainable alternatives to traditional fireworks. By addressing the concerns related to environmental concerns and pet/wildlife impacts and possible wildfire risks, the project will contribute to the overall well being and safety of the Haliburton County Community.

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

Word of Mouth,  Social Media,  Newsletter,  News Article,  Other: Previous U-Links Project Sponsor

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**D – RESEARCH DESIGN**

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

*-What are the regulatory restrictions and compliance requirements for traditional fireworks and the proposed alternatives? How do these impact the feasibility of implementation?*

*-What are the logistical challenges with organizing traditional fireworks vs. alternatives?*

- What are the perceptions and preferences and potential barriers among Lake Association members towards transitioning from traditional fireworks to proposed alternatives?
- What are the documented impacts of traditional fireworks and alternative display options on air, water and noise pollution, and how do these affect local wildlife?
- What are the detailed cost comparisons between traditional fireworks and alternative options proposed in the project?

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

*Surveys/questionnaires, interviews/focus groups, relevant case study reviews & literature reviews. Traditional fireworks industry vendor research.*

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

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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

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

Yes  No

**If yes, please explain: U-Links through the relationship with Trent University.**

## 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:** *Example – Meet with hosts*

**Objective:** *Familiarize students with projects*

**Date:** **To be completed by September 30, 2024**

**Task:** *Example – complete detailed project outline/project agreement*

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

**Date:** **To be completed by October 15, 2024**

**Task:** *Receive ethics approval*

**Objective:** *Meet university ethics requirements for interviews,*

**Date:** **To be completed by October 15, 2024**

**Task:** *Research Plan Outline*

**Objective:** *Prepare detailed research plan and schedule report.*

**Date:** **To be completed by October 30, 2024**

**Task:** *Conduct Research – Interviews, Industry Research, Document data collection.*

**Objective:** *Collect data for final report on fireworks alternatives.*

**Date:** **Ongoing from October 15, 2024 to February 15, 2025**

**Task:** *Monthly check in with Sponsors*

**Objective:** *Meet monthly to report progress, request help and identify any barriers to project progress.*

**Date:** **Monthly October 2024 to April 2025**

**Task:** **Final Report and Presentation to Sponsors**

**Objective:** *Complete final report and deliver results in a presentation to sponsors.*

**Date:** **To be completed by April 15, 2025**

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

**Start:** **September 15, 2024**

**Finish:** **April 15, 2025**

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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.**

Access to Lake Association directors with experience in traditional fireworks hosting and regulatory requirements  
Budgetary considerations for Lake Associations  
Access to vendors of traditional fireworks displays  
Resources for alternatives to traditional fireworks

- b) **Do you anticipate needing funding or other types of resources? If so, please explain (including any ideas on where resourcing may be obtained):** No

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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:** Perhaps some of the commercial aspects of fireworks vendors. These can be obtained by the students through an RFP to the vendors.

## 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.



