** Stream 2** UG Word Application Template

Ontario Research Fund – Research Excellence Round 12

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| ***This template is for drafting Sections 2-8 to aid in review and revision****. All material must be transferred to the PDF application form before final submission (due internally to Research Services Office by September 20, 2023).* *Please refer to the ORF-RE* [*Round 12 Program Guidelines and Application Form*](https://www.ontario.ca/page/ontario-research-fund-research-excellence) *for full instructions.* *To navigate between sections of this document, Select View>Navigation Pane>Headings. Use Arial font 11.**Note: Sections 2-9 must add to* ***no more than 30 pages*** *(excluding References and Figures sections). There are no character limits for each of these sections. Applicants should use the space as appropriate.* *If a page of the PDF application form is left 1/3 empty, you can add an additional 1/3 page of text to your proposal.**Position information strategically to avoid duplication between sections. Use sub-headings to improve readability. On PDF application form – it may not be possible to bold, underline or superscript.* |

# **Section 2: Research Excellence**

## Scientific Merit

Describe what is new and significant about the research that has led you to the proposed experimental research project.

## Linkages to previously funded ORF-RE projects

Describe how this proposal enhances/improves previously funded ORF-RE project(s), if applicable

## Proposal Integration

If the proposal includes multiple sub-projects, describe how you plan on integrating the projects/topics.

## Research Collaboration

Describe the nature and level of inter-institutional and/or international research collaborations

## Principal Investigator and Co-Investigators (max of 0.5 pages per investigator.)

Include relevant qualifications, time spent on the project, and expected contributions.)

# **Section 3: Commercialization Potential**

## Proposal Brief

Describe in no more than three lines, using simple and non-technical language, the objective and key elements of this proposal. This brief may be used, in whole or in part, in press releases or similar material if the proposal is successfully funded.

## Proposal Abstract

Provide a proposal abstract, using simple and non-technical language. Do not use images in the abstract.

## Proposal Description

Describe the proposed innovation and technology to be developed.

## Proposal Innovation

Describe what is new and significant about the innovation, and the unique benefits and value of the innovation to be commercialized.

## Market Analysis

Describe the market opportunity and a description of primary competitors.

## Principal Investigator and Co-Investigators (max of 0.5 pages per investigator.)

Include relevant qualifications, time spent on the project, and expected contributions.

# **Section 4: Strategic Value to Ontario**

Describe the commercialization impact and anticipated value of the proposal to Ontario

# **Section 5: Plan for Achieving Impact**

## Commercialization Implementation Plan

Describe the planned path to commercialization within the project timeframe, including a strategy for achieving commercialization potential and practical application to industry.

## Commercialization Financial Strategy

Outline your financial plan for commercialization

## Commercialization Management Plan

Identify the commercialization team. Explain the roles of your private sector partners, industry liaison office or other commercially experienced advisors involved in the commercial or IP tracking and actions and outline accountability and reporting mechanisms.

## Intellectual Property Strategy

Explain your proposed IP strategy and how it will generate benefits to Ontario and Ontarians.

Please state who assisted you in creating your commercialization plan (e.g. your private sector partner(s); mentor etc). Please note that applicants are required to work with the industry liaison office (or equivalent) in the development of the commercialization plan.

# **Section 6. Development of Research Talent**

Briefly outline the plan for development of Highly Qualified People (HQP).

Total Number of HQP Trained

|  |  |
| --- | --- |
| Type of HQP | Number |
| Undergraduate Student |  |
| Master Student |  |
| PhD Candidate |  |
| Post Doctorate |  |
| Other |  |
| Total Number |  |

# **Section 7. Project Management and Governance.**

Outline how the project will be managed.

Insert Image *(show linkages between collaborators, private sector partners, MCU etc.).*

# **Section 8. Other Project Requirements**

## Intellectual Property Training

List (if any) IP training the research team has undertaken recently either through [University of Toronto – IP Education Program](https://entrepreneurs.utoronto.ca/for-entrepreneurs/ip-education/) or [CIGI – Foundations of IP Strategy](https://cigimooc.org/).

## Youth Outreach Plan

Describe a plan for youth outreach activities. Applicants may use up to 1% of the ORF portion of funding for related activities.

# **Section 9. Milestones and Deliverables**

NOTE: These are included in the 30 page maximum, but are not requested for first UG RSO review.