***INSTRUCTIONS:***

* *Please familiarize yourself with the award eligibility/requirements and criteria for evaluation on our website:*<https://www.mcgill.ca/engine/resources-and-programs-0/funding/innovation-fellowships>
* *Full application should not exceed 5 pages, not including appendix for graphs and/or figures if required*
* *Presentation should not exceed 10 slides*
* *To submit your application and presentation, please e-mail the pdf versions to katya.marc@mcgill.ca*

You will receive an email confirmation from us. If you do not receive a confirmation email within a day of submission, please contact us at the same e-mail address or call ext.3355.

**Faculty of Engineering Innovation Fellowships**

**Application 2019**

**Project Title**:

**Report of Invention Number**:

**Lead Applicant (current or future post-doctoral fellow)**:   
Name:

Title:

Department:

Email:

Phone:

### Co-Applicant, Supervisor, Faculty of Engineering full-time professor:

### Other co-applicants, if applicable:

PROJECT TITLE

# Executive Summary

Describe briefly the problem to be solved and shortcomings of existing solutions. Summarize your approach in a few sentences. Describe what you plan to accomplish with this fellowship and its impact.

# Problem/Market Opportunity

Provide an overview of the problem you propose to solve or the opportunity that you are addressing. What is the frequency or extent of the problem or opportunity? What is the customer "pain" or market opportunity that you are addressing? Who is looking to solve the particular problem or take advantage of the opportunity, and are they willing to pay to solve it? How have you validated this pain/opportunity? What is the market doing now to address the problem? Why has this problem not been solved already? Why does the opportunity exist now? What barriers exist?

# Proposed Solution

Describe the technology, how it addresses the problem/opportunity and how it will work. How do you see the technology being used in a product or service? What is the current status of the invention and its intellectual property protection? What are the competing or alternative technologies? Why will your approach be advantageous? Explain the benefits of the proposed approach over current or competitive approaches (even if the competitive approaches are not technically similar). What are the technical and market barriers/uncertainties that could impede this technology from proceeding along the path towards market? (e.g. the market is not ready for the invention in its current state and requests made to see a working prototype, a prototype that addresses a particular problem, a manufacturing process that is proven after industrial scale-up, in vivo preclinical results, etc.) Please describe the stakeholder identification and validation achieved so far. What are the expected societal and market impacts of the proposed work if successful? Do you envision the technology being licensed to an existing company or companies, or a start-up company being formed?

**Due Diligence Review**

Please attach the summary of the due diligence review undergone by the Technology Transfer Office per section 3.3 of the McGill Guidelines on the Application of the Policy on Inventions and Software. This includes, among other things, an assessment of the patentability, third party rights, marketability, and commercial potential of the report of invention.

**Project Description, Milestones, Deliverables**

Describe the technical work and market validation work you plan on carrying out in order to overcome the barriers identified and advance the technology readiness level in conjunction with appropriate stakeholders. Identify the key product/process development and business development milestones and deliverables, including the following information:

|  |  |  |
| --- | --- | --- |
| **Milestone 1:** |  |  |
| **Estimated time to completion:** | **Key Questions & Deliverables:**  **Risks and possible hurdles:** | **Who is responsible for the completion of the milestone?** |
| **Estimated cost to completion:** | **List team members who will be assisting in the completion of the milestone.** |
| **Milestone 2:** |  |  |
| **Estimated time to completion:** | **Key Questions & Deliverables:**  **Risks and possible hurdles:** | **Who is responsible for the completion of the milestone?** |
| **Estimated cost to completion:** | **List team members who will be assisting in the completion of the milestone.** |
| **Milestone 3: …** |  |  |

# Funding

Identify all prior, current and/or pending sources of support to the background and proposed project. Indicate any needs for additional funding for the project and for any funding requirements in subsequent years.

# Team and Collaborations

List team members and collaborators and describe their relevant experience and roles in the project. Identify areas of talent needed now and expected towards the end of the project term.