



Waterloo Institute for Nanotechnology (WIN), Centre for Bioengineering and Biotechnology (CBB) and Indian Institute of Technology Kharagpur –Common Research and Technology Development Hub on Healthcare(IIT-KGP-CRTDH): Interdisciplinary Seed Grant Program on Health Technologies and Knowledge Mobilization

Application Form

For more information, please visit <https://uwaterloo.ca/institute-nanotechnology/win-cbb-iit-kgp-seed-funding-program-health-technologies>

Please complete and submit this application form by email to both cbb@uwaterloo.ca AND lisa.pokrajac@uwaterloo.ca

The [Waterloo Cover Sheet for Sponsored Research Activities](#) must be submitted electronically using the [Waterloo Electronic Cover Sheet System](#)

Submission Deadline: 18 March 2024 at 11:59pm EST

1. Title:

Project title

2. Principal Investigators (name, department, institution):

The applicant team must consist of at least one core WIN member and one CBB member who will each serve as co-principal investigators (co-PIs) on the project. Please list the names, departments, and institutions for all PIs. Please attach the most recent version of the PIs' CV, in any format.

3. Co-applicants (name, department, institution):

*Please list the names, departments, and institutions for all co-applicants. PIs are encouraged to bring together an interdisciplinary team of co-applicants and collaborators, and **preference will be given to applications with at least one co-applicant from Waterloo's Faculty of Health.** If there are no co-applicants, please indicate N/A.*

4. Collaborators (name, department, institution/organization):

Please list the names, departments, and institutions/organizations for all collaborators. Applicants are encouraged to include IIT-KGP member(s) in their team as either co-PIs, co-applicants, or collaborators to foster interjurisdictional research collaborations. A list of potential collaborators from IIT-KGP can be found here: <https://uwaterloo.ca/institute-nanotechnology/win-cbb-iit-kgp-seed-funding-program-health-technologies#Potential-CollaboratorsIIT-KGP>.

Awarded projects that include IIT-KGP partner(s) as part of the team will be able to access matching funds from IIT-KGP.

5. The problem or issue being addressed and its impact:

MAX 100 words

Using lay language, please describe the problem or opportunity (e.g. why is this project important and what is its impact?). Include a description of how this research will address inequities in current healthcare systems.

6. Research Theme/s:

MAX 250 words

Please specify how this project addresses one or more of the key research themes of this Seed Funding Program - Advanced Healthcare Platforms, Delivery Systems for Therapeutics, and Biomedical Imaging.

7. Team Composition:

MAX 250 words

Briefly describe the role of each partner in the project and explain how each of them will contribute to the project's success (e.g., project interdisciplinarity, providing lab facilities/equipment/personnel, data collection, knowledge translation, etc.).

8. Funding Request:

Awarded projects can receive up to \$20,000 CAD in funding for a maximum 1-year period. Additionally, awarded projects with one or more collaborators from IIT-KGP will receive matching funds from IIT-KGP.

Please answer the following questions:

- *How much funding are you requesting?*
- *Are you applying (or have you received funding) for any other internal funding opportunities at the University of Waterloo that relate to this project? YES / NO
If yes – please list and describe.*

9. Budget Justification:

Please provide a detailed budget specifying how you will use the requested funds. If applicable, please specify in-kind contributions to better demonstrate feasibility.

For Waterloo researchers: Funds cannot be transferred outside of Waterloo to support external staff and/or research assistants. ***For IIT-KGP researchers:*** Funds cannot be transferred outside of IIT-KGP to support external staff and/or research assistants.

The various components of the proposed budget must comply with the guidelines, rules and regulations of the corresponding organization.

10. Subsequent support/project sustainability:

MAX 250 words

*Please describe your plan for obtaining subsequent support for this project, including the timeline and funding sources. **It is expected that awardees will submit a minimum of one (1) application to an external funding program within two (2) years of receiving seed grant support to sustain their project.** External funding sources would include Tri-Council, CFI, or other significant funding programs, as appropriate.*

11. Acknowledgement:

In our capacity as co-PIs on this project, we understand and agree that if we receive a seed funding award, we must comply with the following conditions:

- *We will complete and submit a summary report of research activities and outcomes of the funded project to both WIN and CBB within three (3) months after the award period has concluded.*
- *After project completion, we will present research outcomes of this joint project at a WIN-CBB organized event (seminar, networking social event, etc)*
- *We will prepare and submit at least two (2) publications in peer-reviewed journals, and present at a significant national or international conference within two (2) years of funding receipt.*
- *We will apply to all applicable national and international funding programs within two (2) years of receipt of this funding (Tri-Council, CFI, or other significant funding programs, as appropriate).*
- *We acknowledge that failure to comply with the above conditions could result in us being ineligible for future seed funding from WIN and/or CBB.*

Agree

Disagree

12. Proposal:

MAXIMUM 2 pages (excluding figures and references). Please address the following:

- *Problem statement – Outline the specific problem, issue, or research gap being addressed.*
- *Objectives and long-term project goals*
- *Methodology/Approach (with 1 year timeline)*
- *Planned end-user engagement and knowledge mobilization*
- *Potential impact and next steps*

References and figures do not count toward page limits. Append references and figures on a separate page.