**Graham Seed Fund Application Form (Round 2)**

**Instructions**

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| * Please refer to the [guidelines](https://uwaterloo.ca/transformative-health-technologies/graham-seed-fund) on the GSF webpage * Please do not modify, remove or reformat the text, instructions or margins in any way * Comply with all the proposal formatting requirements (spacing, margin, font) * Complete and submit the [Electronic Coversheet for Sponsored Research](https://uwaterloo.ca/research/forms/electronic-cover-sheet-sponsored-research) for approvals prior to the submission of the proposal * Submit your application electronically through the [Waterloo Grants Portal System](https://grants.uwaterloo.ca/index.php/gsf23/login). Review the [application and proposal requirements](https://uwaterloo.ca/transformative-health-technologies/graham-seed-fund) for the process |

**Application Checklist**

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| A complete application package must include the following in PDF format:   * Completed Graham Seed Fund Application Form * Principal Investigator’s 2-3-page CV |

**Proposal Checklist**

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| By submitting your application, the applicant confirms that   * The lead Principal Investigator is a tenure-track or tenured Waterloo faculty or faculty with a definite term research professor appointment (i.e., an assistant or associate professor) * The lead Principal Investigator does not currently hold a GSF award * The project is new and not a continuation of an existing project. * The Principal Investigator has completed and submitted the [Electronic Coversheet for Sponsored Research](https://uwaterloo.ca/research/forms/electronic-cover-sheet-sponsored-research) for approvals * The project includes engagement with healthcare providers, clinicians, patients and/or family member participants * The project embeds equity, diversity and inclusion in the composition of the research team, design of the research, and/or knowledge mobilization plan |

1. **Proposal Summary**

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| **1.1. Project title** |  |
| **1.2. Principal investigator** |  |
| **1.2.1. Title** |  |
| **1.2.2. Department** |  |
| **1.2.3. Email** |  |
| **1.3. Research focus area(s)** |  |
| **1.4. Project keywords** (3-7 keywords) |  |

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| **1.5. List of collaborators** (indicate the type of collaborators - internal, academic, clinical, healthcare, community, patient, etc.). Add additional rows as needed | | | |
| **Name** | **Department** | **Institution** | **Type** |
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| **1.6. Relationship (if any) to previously funded GSF projects**:  Please indicate if you have collaborated on any funded GSF project. Include the project title and lead PI. Note that being a collaborator on other funded projects does not exclude you from applying as a lead PI. |
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| **1.7. Project abstract** (approx. 200 words):  Please include the research problems or gaps addressed, goals/objectives, proposed methodology, and anticipated outcomes and impacts |
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**2. Research Proposal**

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| **2.1.** **Research proposal**: In 2 pages (1000 words) maximum, describe the research proposal. The proposal should address such aspects as connection to innovative health technologies, motivation/problem/opportunity, objectives/goals, approach (with 1 year timeline), novelty, methodology, impact and next steps, as appropriate. |
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| **2.2. Impact**: Describe the impact of your project. How does it transform health care through technology? How does it compare to state-of-the-art alternatives? What is the societal impact? What is the potential for IP and/or commercialization? (1 page or 500 words max.) |
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| **2.3. Interdisciplinary collaboration**: Briefly explain the interdisciplinarity of the research project and team and describe how this enhances the project and increases its chances for success. Describe your collaboration with non-academics such as health providers, clinicians, and patients and their families. (1 page or 500 words max.) |
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| **2.4. Applicability of research team**: Briefly describe the role of the applicant and research team/collaborators/partners in this project (i.e., why are you and your team equipped to address this project?). How will the team contribute to the project’s success and influence the future scope? (e.g., project interdisciplinarity, knowledge translation, co-design, patient engagement, clinical research, etc.). (1 page or 500 words max.) |
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| **2.5. Knowledge translation and mobilization**: Demonstrate how this team has already engaged with knowledge users in setting the research questions, approach, and methods. Describe how this research project will engage further to execute the research and reach research outcomes. Describe how the knowledge gained from the research will be translated to better health care and scientific outcomes. Refer to [the CIHR guide on knowledge translation](https://cihr-irsc.gc.ca/e/45321.html) for more information. (1 page or 500 words max.) |
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| **2.6. Embedding EDI in research project**: Describe how EDI and/or [Indigenous Research](https://www.sshrc-crsh.gc.ca/society-societe/community-communite/indigenous_research-recherche_autochtone/index-eng.aspx) considerations have been embedded in the research design, research team environment and knowledge mobilization plan of your proposed research project. Clearly identify any challenges or barriers being addressed through these considerations and the intended impact of these specific efforts. (1 page or 500 words max.)  ***Note***: We apply SSHRC’s definition of [Indigenous Research](https://www.sshrc-crsh.gc.ca/society-societe/community-communite/indigenous_research-recherche_autochtone/index-eng.aspx). In addition to the EDI questions outlined above, if there are any confirmed Indigenous partners involved with the project, please include and briefly outline your plan for Indigenous data management, in line with Waterloo’s [Research Data Management Strategy](https://uwaterloo.ca/research/research-data-management-institutional-strategy). (Additional 1 page or 500 words max.) |
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| **2.7. Milestones**: Identify the milestones of your project according to the timelines indicated. | |
| 6 months |  |
| 12 months |  |

**3. HQP and Budget**

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| **3.1. Highly qualified personnel (HQP)**: Provide the names or a TBD (in case the HQP is yet to be identified), their level (PDF, PhD, Master’s or Undergraduate, technicians, research associates, community researchers), department, role in the project, and other funding sources (if applicable). |
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| **3.2. Training and mentoring**: Describe the training or mentorship opportunities that will be  available to the HQP. |
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| **3.3. Budget** (maximum budget is $25,000) for 12 months | |
| **Salaries, benefits and student payments** | |
| a. Master's students |  |
| b. Doctoral students |  |
| c. Post-doctoral fellows |  |
| d. Undergraduate students /Co-ops |  |
| e. Other (please specify) |  |
|  | $ |
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| **Costs of working with clinical partners, patients or healthcare providers** | |
| a. Collaborator participation renumeration |  |
| b. Parking costs |  |
| c. Participant payments |  |
| d. Other (please specify) |  |
|  | $ |
|  |  |
| **Minor equipment** | |
| a. Purchase (please list) |  |
| b. Other (please specify) |  |
|  | $ |
|  |  |
| **Materials and supplies** | |
|  |  |
|  | $ |
|  |  |
| **Travel and knowledge mobilization** | |
| Travel |  |
| Knowledge mobilization |  |
|  | $ |
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| **Total budget** | $ |

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| **3.4. Budget justification**: Provide justification for your budget. |
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| **3.5. Subsequent funding**: Is the proposed project a new activity (i.e., not a continuation of your current activities)? If yes, what is your plan for seeking additional funding, as appropriate, beyond the term of the seed funding? Please describe your plan for obtaining subsequent support for this research, including the timeline and funding sources. |
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**4. Acknowledgements**

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| **4.1. Acknowledgments**: I understand and agree that receiving this support commits me to participate in a research event for GSF recipients and to serve on a future GSF review committee. In addition, I will acknowledge GSF support in all publications, media releases, and presentations related to this research. I will submit bi-annual progress reports via email at httsf@uwaterloo.ca |
| Agree  Disagree |

**5. Project References (if applicable) – No page limit**