**Full Application Planning Document**

MOH Research Seed Grant Program 2023-24

This document outlines the questions in the [2023-24 Ministry of Health Research Seed Grant full application form](https://ubc.ca1.qualtrics.com/jfe/form/SV_07mLYrlxQGxHigS) and may be used as a planning document prior to submitting your proposal using the online proposal form.

Please pay attention to character limits where noted, as the [online application form](https://ubc.ca1.qualtrics.com/jfe/form/SV_07mLYrlxQGxHigS) will not allow answers to exceed the limits.

Please allow yourself adequate time to complete and submit your proposal via the online proposal form by **December 15th, 2023 11:45 PM PST**. Only proposals submitted via the [online proposal form](https://ubc.ca1.qualtrics.com/jfe/form/SV_07mLYrlxQGxHigS) will be considered.

# Full Application

You have been invited to submit a full application to the Ministry of Health Seed Grant Program run in partnership with UBC Health. Please complete and submit your application by **December 15th, 2023**,11:45 PM PST.

The Ministry of Health Seed Grant Program provides funding to BC universities to produce research that responds to pertinent health-related questions identified by the Ministry. The program information and timelines are outlined on the UBC Health [website](https://health.ubc.ca/interdisciplinary-health-research/ministry-health-research-seed-grant-program).

Please note that while some questions on this form re-request information submitted during the notice of intent (NOI) process, we ask that you resubmit your responses, recognizing that collaborators, project scope and other details may have shifted since the NOI was submitted.

## Primary Applicant Information

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| **First Name:** |  |
| **Last Name:** |  |
| **Email Address:** |  |
| **Academic Title(s):** |  |
| **Department/School:** |  |
| **Faculty:** |  |
| **Campus:** | UBC Vancouver | UBC Okanagan |

## High-Level Proposal Summary

**Research Project Title (max 200 characters):**

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**Which research question does your proposed project respond to?**

1 - How do we assess and rank communities’ needs and readiness for mobile mental health crisis services in BC?

2 - Hospital at Home (HaH) provides acute care to eligible patients in the comfort of their homes. Could mass-market or medical wearable devices be deployed by health authorities to provide patient-centred and efficient HaH patient monitoring? If so, which devices are the most patient-centred?

3 - The issue of polypharmacy in LTC is well-researched in Canada and internationally. Recent literature defines polypharmacy as the use of 5 or more prescribed and nonprescribed medications by a single individual. The BEERs list is a consensus list of potentially inappropriate medications for seniors. The BEERS list provides evidence-based information supporting the need to reduce and/or eliminate medications for seniors that lack evidence of efficacy over time. What strategies have demonstrated success in the LTC sector (nationally or internationally) to reduce and sustain reduction in these medications? What aspects of these strategies demonstrated greatest effectiveness?

4 - What is pharmacists’ perception of quality of care in the context of prescribing for minor ailments and contraception (PPMAC)? What are enablers and barriers to pharmacists providing quality prescribing? What provincial strategies are needed to support quality prescribing by pharmacists?

5 - What are the barriers and facilitators in pharmacists assessing and prescribing contraceptives since the expanded scope of practice on June 1, 2023? What strategies should be implemented to mitigate identified barriers?

6 - How has the contraceptive coverage policy and pharmacist prescribing for contraceptives through the Minor Ailments and Contraceptive Services (MACS) changed access to contraception care for teens and young adults in BC?

7 - What are the treatment challenges faced by small water system operators relating to water quality (e.g., turbidity) stemming from climate change induced risk amplification of extreme precipitation events, flooding, or draughts, and what actions have been shown to increase their resilience?

8 - What is the burden of Per- and Polyfluoroalkyl Substances (PFAS) in BC drinking water? This includes investigating the concentrations of PFAS in drinking water and its sources across BC, the capacity of BC laboratories to test for PFAS, the costs of sampling and testing in different jurisdictions, treatment needs and cost-effective mitigation methods for systems exceeding the proposed Health Canada objective for PFAS, training needs, and implementation best practices.

**Amount Requested (up to a maximum of CAD $50,000)**

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## Co-Applicant Information

**Please enter the following information for each UBC co-applicant: Name, Title, Department/School, Faculty, Campus, and Role (i.e., contribution to the project)***If the co-applicant is a trainee, please indicate this when stating their title. If any co-applicants are designated as co-primary-applicants, please indicate this in the 'Role' column.*

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| **#** | **Name** | **Title** | **Department / School** | **Faculty** | **Campus (UBC-V/O)** | **Project Role** |
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**Please enter the following information for each external collaborator: Name, Title, Institution/Organization, Discipline, and Role (i.e., contribution to the project)**

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| **#** | **Name** | **Title** | **Institution / Organization** | **Discipline** | **Project Role** |
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## Research Project Summary

**Context and Feasibility**
Describe the research project context and feasibility with emphasis on the specific question it seeks to answer. Clearly outline the intended impact and outcomes of the project. (maximum 3000 characters)

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**Research Strategies and Key Activities**
Describe the proposed research strategies and key activities, including methodological approaches and procedures for data collection and analysis and knowledge translation, that will be used to answer the stated research question. Please provide details and rationale for the chosen methods. (maximum 3000 characters)

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**Research Team and Roles**
Please describe a brief description of the role of each core team member and the expertise they bring to the project. Outline the opportunities for shared leadership and decision-making and meaningful contributions for all team members. (maximum 1500 characters)

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**Capacity for Collaboration**
Describe your team's capacity to collaborate effectively with Ministry programs and knowledge users during and beyond the course of the project. Include the strategies you will employ to support effective collaboration. (maximum 750 characters)

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**Commitment to Equity, Diversity, and Inclusion**

* Describe how equity, diversity and inclusion are considered in the project design, e.g., has your project design considered how systemic barriers, including gender and race, could prevent equitable participation in the research? Please provide specific examples of strategies or actions you intend to implement.
* Please describe how a commitment to EDI was demonstrated in building the team and how equitable development and support of all team members is provided.

(maximum 3000 characters)

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**Duration**

Indicate the estimated duration of the research project by providing your intended start date and completion date (MM/DD/YYYY - MM/DD/YYYY)

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## Resources

**Budget***Provide a budget estimate including contingency proportional to the degree of budget uncertainty*

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**Budget Totals***State the total budget as well as the portion of the budget for which funding is being requested*

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|  | **Amount (CAD)** |
| **Total Budget** |  |
| **Amount funded through other sources (if applicable)** |  |
| **Total amount requested from MoH funding** |  |

## Other Considerations

**Sustainability Plan**

If applicable, describe any ongoing operational requirements that will exist once the project is complete, with a high-level plan to fulfil them. Please note, these cannot be funded through the Ministry of Health Research Seed Grant Program.

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**Before you submit, please ensure that you thoroughly review the content of your application.**