

University of Guelph COVID-19 Research Development & Catalyst Fund

COVID-19 Research Development & Catalyst Fund Objectives

- Provide seed funding for the rapid development of research grant applications to future, potential funding programs focused on contributing to the global response to the COVID-19 pandemic to mitigate the spread of COVID-19 and/or its negative consequences on people and communities; **or**
- Provide funding to catalyze small-scale, time-sensitive research projects focused on contributing to the global response to the COVID-19 pandemic to mitigate the spread of COVID-19 and/or its negative consequences on people and communities.

The research activities proposed must adhere to the University of Guelph [Guidance note for research continuity, scale back, and shut down](#).

Potential Research Areas include, but are not limited to:

- Epidemiology of COVID-19 outbreaks and virus spread
 - Surveillance of animals (including wildlife)
 - Disease modelling
 - Disease and surveillance data gathering and use
 - Development of AI-empowered digital surveillance systems and decision support systems
- Biological Interventions for control of COVID-19
 - Pathogenicity, transmission, and zoonotic source of COVID-19
 - Development of diagnostic tools
 - Development of candidate vaccines
 - Development of candidate therapeutics
- Public health, social, economic and policy angles of COVID-19 pandemic
 - Cultural dimensions of the pandemic
 - Development of effective public health communication strategies
 - Development of strategies to combat misinformation, stigma, and fear
 - Economic impacts of the pandemic, e.g., hospitality and tourism
 - Studying international relations, global coordination, response systems and crisis management
 - Understanding the social dynamics of transmission and vulnerability
 - Understanding impact on food production and safety, food distribution and food security
 - Understanding public behavior in response to the pandemic and potential future countermeasures, e.g. vaccination
 - Studying gender-specific and indigenous angles of the COVID-19 pandemic

Principal Investigator (PI) Information

Name	
Department	
College	
Email	

Project Title

Co- Principal Investigator (PI) Information (must be U of G faculty member)

[illegible]

Other Team Member Information (e.g., graduate students, post-doctoral fellows)

[illegible]

Amount Requested from the Office of Research (up to \$10,000)

Amount Provided by Other Sources (cash matching funds required)

Total College cash contributions:	
Total Other cash contributions (if applicable):	
Describe Source of Other cash contributions:	

Request for Research Development Funds for Future Proposal Submission

Request for Research Catalyst Funds for Small-scale Project

Lay summary of the proposed research goals and its impact (maximum 250 words)

**Description of the Research Development Activity Leading to a Future Funding Proposal
Submission OR Description of the Small-Scale Research Project (maximum 3 pages)**

Address the following using these headers in UPPERCASE LETTERS:

- HOW WILL PROPOSED RESEARCH ACCELERATE COVID-19 COUNTERMEASURE?
- OBJECTIVES/GOALS OF THE PROPOSED RESEARCH
- RESEARCH DESCRIPTION (methodology, expertise, timeline and deliverables)
- DESCRIBE THE POTENTIAL IMPACT OF THE PROPOSED RESEARCH

Sex, Gender, and Other Identity Factors

Is sex as a biological variable taken into account in the research design, methods, analysis and interpretation, and/or dissemination of findings?

Is gender as a socio-cultural factor taken into account in the research design, methods, analysis and interpretation, and/or dissemination of findings?

Are other identify factors (e.g., race, socioeconomic, age, other) taken into account in the research design, methods, analysis and interpretation, and/or dissemination of findings?

Describe how sex and/or gender considerations and/or other identity factors will be integrated into your research proposal (maximum 1/2 page).

OR

Explain why sex and/or gender and/or other identity factors are not applicable to your research proposal (maximum 1/2 page).

Indigenous Peoples

For applications relevant to Indigenous peoples, describe how Indigenous peoples will be meaningfully included in the proposed research (maximum 1/2 page).

Additional Required Information

- Curriculum Vitae for the PI and co-PI(s) (any format).
- Signed OR-5 emailed to research.services@uoguelph.ca

If you have any questions please contact: stratprg@uoguelph.ca