



Canadian Network for Modelling
Infectious Diseases

Réseau canadien de modélisation
des maladies infectieuses

canmod.net

CANMOD Request for Proposals 2022 Rolling Call

Synopsis: CANMOD aims to increase Canada's capacity for data-driven emerging infectious disease modelling (EIDM) to directly support short, medium, and long-term public health decisions. In this Request for Proposals we are looking for collaborative research projects tackling questions grounded in public health needs and generated in partnerships between research investigators and knowledge users - public health leaders, health administrators and policy makers. While projects may address questions of immediate relevance in the shorter term, they should aim to solve longer-term challenges. We aim to enhance modelling expertise and capacity in infectious disease in Canada. For more information about CANMOD's remit and vision, see <http://canmod.net>.

Budget: Funds up to \$70,000 will be awarded to each project. *Please contact us before submitting your proposal to check we have enough funds.*

Eligibility: CANMOD co-applicants.

Limit on number of proposals per PI or Co-PI: We do not anticipate funding more than one proposal for any given PI.

Submission deadline: Rolling (until funding lasts)

Project requirements:

- The PI of the project should be a CANMOD co-applicant.
- Research projects should propose a collaboration between modellers (statisticians and mathematicians) with public health experts or researchers, epidemiologists and/or policy makers.
- The project should be in the broad area of emerging infectious disease modelling and estimation in support of improving public health.

Proposal preparation and submission instructions:

To submit a proposal please send a PDF with the information below to canmod@canmod.net.

Proposals should include:

- Project title
- PI (name, institution, email) and team, including areas of expertise
- Project Description (2 pages max), including:
 - Project objective and public health need being addressed
 - Data sources, methodology and intended outputs
 - Approach to EDI (see below)
- Budget Requested, with brief justification
- CVs for all named team members (in any convenient format)

Where possible, CANMOD would like to make models available on the CANMOD portal, and to highlight the use of publicly available data (or data that can readily be made publicly available). These are not requirements of funding.

EDI considerations may include: What is the EDI approach of the project? Does the methodology consider analysis of underrepresented populations? Does data collected include factors such as race, gender, socioeconomic status? How will the models proposed and/or policies use this information? Who is the community being served by this project? If you are hiring a new member for your team, what EDI strategies will you use to minimize bias?

We encourage, but do not require, investigators to explore sources of additional or matching funding, including MITACS, PIMS/Fields/AARMS or other fellowship opportunities.

Review Criteria:

- **Impact:** What is the impact of the work? Are the models transferable to policy or action? Anticipated impact on current and future epidemics. What public health needs is the project tackling.
- **Scientific merit:** innovation, importance, strength of methodology
- **EDI considerations** (see above).

Questions? Please email canmod@canmod.net