



UNIVERSITY OF
CALGARY

CIHR

Transforming Public Health

Adam Kirkby
Research Grants Development Officer
Office of the Associate Dean Research

We would like to acknowledge the traditional territories of the people of the Treaty 7 region in Southern Alberta, which includes the Blackfoot Confederacy (comprising the Siksika, Piikani, and Kainai First Nations), as well as the Tsuut'ina First Nation, and the Stoney Nakoda (including the Chiniki, Bearspaw, and Wesley First Nations). The City of Calgary is also home to Métis Nation of Alberta, Region 3.



STRATEGIC PLAN 2022-2027



STRATEGIC PLAN 2022-2027

Our mission is to advance public health through research excellence.

We are a research institute that champions research to promote population health and high-quality sustainable health care for all.

Our role is to support academic scholars to tackle public health challenges, bringing them together with health practitioners, citizens, governments, businesses, and non-governmental organizations when collective action is required.

Better Health Care

Our goal is to transform health care so that sustainable high quality health care is available to all people.

- a. Focus area: Learning health systems
 - i. Strategy: Establish a health system partnered program to embed research into health care delivery to foster continuous quality improvement and innovation.
- b. Focus area: Digital health
 - i. Strategy: Expand our capacity to adapt, evaluate and implement digital technologies for better health care.

Healthier Populations

Our goal is to improve health equity and the conditions that determine health

- a. Focus area: Equity
 - i. Strategy: Establish a health equity hub that fosters collaborative intersectional research to address the upstream determinants of population health inequities.
- b. Focus area: Prevention
 - i. Strategy: Enhance research that examines the underlying causes of morbidity and mortality in populations across all ages and that identifies and accelerates the use of prevention strategies to improve population health.

Thought Leadership

Our goal is to solve complex public health challenges with great ideas and resolve.

- a. Focus area: Knowledge exchange
 - i. Strategy: Establish a knowledge exchange strategy that brings academic scholars together with citizens, health practitioners, governments, businesses, and non-governmental organizations to collectively tackle public health challenges.
- b. Focus area: Innovation
 - i. Strategy: Grow a public health innovation ecosystem to increase the impact of our research.
- c. Focus area: Evidence informed policy
 - i. Strategy: Bring geographically distributed experts together into a virtual health policy centre to advance evidence informed considerations of health in all policies.

Operational Excellence

Our goal is to establish an organizational culture devoted to professional knowledge, continuous improvement, and intellectual integrity.

- a. Focus area: Increase capacity for research excellence and public health impact
 - i. Strategy: Optimize programs and services
 - ii. Strategy: Lead and support talent recruitment, development, and sustainability initiatives so that members can build on their own success and the success of the institute.
- b. Focus area: Enhance the value of membership
 - i. Strategy: Increase member engagement by aligning our goals, programs and services with member needs.
- c. Focus area: Strategic investment
 - i. Strategy: Acquire and allocate resources to maximize impact.

Organizational Enablers



Our Values

Collaboration: Nurturing transdisciplinary approaches

Courage: Tackling the most difficult problems

Engagement: Prioritizing citizen and patient engagement

Innovation: Inspiring creative solutions to complex problems

Integrity: Building trust through honest, open, and ethical work

Plurality: Embodying equity, diversity, and inclusion in our people, principles and actions

Better Health Care

Our goal is to transform health care so that sustainable high quality health care is available to all people.

- a. Focus area: Learning health systems
 - i. Strategy: Establish a health system partnered program to embed research into health care delivery to foster continuous quality improvement and innovation.
- b. Focus area: Digital health
 - i. Strategy: Expand our capacity to adapt, evaluate and implement digital technologies for better health care.

Healthier Populations

Our goal is to improve health equity and the conditions that determine health

- a. Focus area: Equity
 - i. Strategy: Establish a health equity hub that fosters collaborative intersectional research to address the upstream determinants of population health inequities.
- b. Focus area: Prevention
 - i. Strategy: Enhance research that examines the underlying causes of morbidity and mortality in populations across all ages and that identifies and accelerates the use of prevention strategies to improve population health.

Introducing Transforming Public Health

Overview:

Every year, the Chief Public Health Officer of Canada (CPHO) provides the Minister of Health a report on the health of Canadians. This year, the annual CPHO report offers a collective vision of a renewed and strengthened public health system.

This funding opportunity will support research on the population and public health priorities identified in the [2021 CPHO Annual Report](#)

Objectives:

The specific objectives of this funding opportunity are:

- to support high quality research aligned with priorities identified in the Chief Public Health Officer of Canada's annual report in order to strengthen public health systems in Canada and improve population health and health equity;
- to strengthen links between researchers, knowledge users and decision-makers, including communities, and facilitate responsive and evidence-informed decision-making on key public health issues; and
- to strengthen capacity to generate and apply context-specific knowledge in order to build more effective and equitable public health systems.

Transforming Public Health: Key Deadlines

Timelines:

Anticipated Internal Deadline*	2022-April-29
--------------------------------	---------------

*(to be confirmed)

Award Value and Duration:

The total amount of funding is \$2,000,000, enough to fund approximately twenty (20) grants

- The maximum amount per grant is **\$100,000 per year** for one year.

From this \$2,000,000 there are **two** pools

- **General Pool:** \$1,000,000 is available to fund up to 10 applications relevant to the general pool.
- **Centre for Research on Pandemic Preparedness and Health Emergencies Pool:** \$1,000,000 is available to fund up to 10 applications relevant to the Centre for Research on Pandemic Preparedness and Health Emergencies (CRPPHE).

Within each pool a **minimum of two grants** will be reserved for Early Career Researchers who have never previously held a CIHR open operating grant

Transforming Public Health: Funding

Allowable Costs

Applicants should review the [Use of Grant Funds](#) section of the Tri-Agency (CIHR, NSERC and SSHRC) Guide on Financial Administration for requirements regarding allowable costs and activities.

- NPAs are expected to attend at least one knowledge mobilization event designated by CIHR and Public Health Agency of Canada (PHAC) and **must reserve at least \$2,000** to support travel and accommodations. The NPA must ensure that reserved funds for attending knowledge mobilization activities are included in the budget of the application.

Transforming Public Health: Research Areas

Funding Pool 1: General Pool

This funding opportunity will support projects relevant to the following research areas:

- **General Pool:** Funding will support population and public health research on research priorities identified by the 2021 [CPHO annual report](#) and listed in the [Generating Knowledge to Inform Public Health Systems Transformation](#) document.
 - Fostering excellence in the public health workforce;
 - Improving our tools;
 - Modernizing our models of governance; and,
 - Ensuring stable and consistent funding.

Transforming Public Health Research Areas

Funding Pool 2: CRPPHE Pool

Centre for Research on Pandemic Preparedness and Health Emergencies: In addition to meeting the requirements of the General Pool above, to be relevant to the CRPPHE pool applications

- must align with the [CRPPHE mission](#) and must address one of the following CPHO research priorities:
 - Evaluate effectiveness and efficiency of digital health initiatives implemented in response to the COVID-19 pandemic to identify lessons learned and opportunities for equitable and inclusive scaling.
 - Identify or evaluate tools and approaches to measure and improve public health system pandemic or health emergency readiness and effectiveness, including coordination with global partners.
 - Leverage foresight tools (e.g., predictive modeling and artificial intelligence) from an equity lens to improve public health emergency preparedness.
 - Develop and/or test equity indicators (similar to the [Marmot Indicators](#)) that can be used to guide cross-sectoral priority actions to protect populations from health emergencies
 - Develop and evaluate policy and program interventions to build trust in public health and decrease the impacts of mis- and disinformation.
 - Measure infectious diseases and their impacts in First Nations, Inuit, and Métis communities (special focus on COVID-19), including the long-term and indirect impacts of COVID-19, and propose solutions.

Transforming Public Health Eligibility

Identify the Nominated Principal Applicant (NPA)

The Nominated Principal Applicant (NPA) must be one of the following:

1. an independent researcher or a knowledge user, affiliated with a Canadian postsecondary institution and/or its affiliated institutions (including hospitals, research institutes and other non-profit organizations with a mandate for health research and/or knowledge translation).
 - Applicants applying to the Early Career Researchers pool must never have previously held a CIHR open operating grant as its NPA.
Note: As a result of COVID-19, the term to qualify for ECR status has been extended to 0-84 months from 0-60 months.
2. affiliated with an Indigenous non-governmental organization in Canada with a research and/or knowledge translation mandate
3. an Indigenous non-governmental organization in Canada with a research and/or knowledge translation mandate

Transforming Public Health Eligibility

For an application to be eligible:

1. Identify the Nominated Principal Applicant (NPA)
2. The NPA must have successfully completed one of the sex- and gender- based analysis online training modules through the CIHR Institute of Gender and Health and submit a Certificate of Completion.
3. For any research applications involving Indigenous populations (including First Nations, Inuit, Métis and/or Urban Indigenous), this funding opportunity seeks applicants who self-identify as Indigenous (First Nations, Inuit or Métis) **and/or** applicants who can demonstrate their experience working in an Indigenous Health Research environment.
4. No limit to number of applications an applicant can submit or be apart of.

Transforming Public Health

How to Apply

This application will run through our internal submission process via [RMS](#)

8 Tasks

Task 1: Identify Participants

- List all participants, all participants are required to submit a CV (excluding collaborators)
 - All Canadian academic applicants are required to upload a [CIHR Biosketch CV](#), using the Canadian Common CV (CCV) interface.
 - Knowledge users, non-academics, Indigenous organizations, and international applicants have the option to submit either a [CIHR Biosketch CV](#) or [Applicant Profile CV](#) (maximum three pages per applicant).
 - **NPA categories with an Indigenous-led non-governmental organization as an [eligibility requirement](#)** must include in their [Applicant Profile CV](#), a description of the organization and how it meets the eligibility requirement of being an Indigenous non-governmental organization in Canada with a research and/or knowledge translation mandate.

Task 2: Enter Proposal Information

- 5 pages when the Research proposal is written in English
- 6 pages when the Research proposal is written in French

Task 3: Complete Summary of Research Proposal

- The summary must include a description of how your proposal aligns with the [objectives](#) of this funding opportunity.

Task 4: Enter Budget Information (Abbreviated Budget)

- Provide a budget justification (as a free form attachment) in relation to planned activities and clearly justify all budget items (including cash and cash equivalent contributions, if relevant).
- Budget must include funds to attend a knowledge mobilization event

Transforming Public Health

How to Apply

Task 5: Attach “Other” Application Materials

Other – upload the following documents under "Other":

- Label as: "Sex and Gender Module Certificate" (mandatory)
- Label as "Indigenous Experience – Name/Organization" (Mandatory if applicable)
- Impact of COVID-19
 - **1 page** can be attached in this section of your application outlining how the applicants were affected.

Task 6: Complete Peer Review Administration Information (optional)

- Suggest reviewers that have the expertise to review your application.

Task 7: Apply to Priority Announcement/Funding Pools (mandatory)

- **You may only select one (1)** funding pool for your application.

Task 8: Print/Upload Signature Pages

Required signatures:

- Signatures must be included for all applicants (except Collaborators), and individual(s) with signing authority from the Institution Paid.
- Original signatures are not required. The scanned signed signature pages and the Routing Slip must be uploaded in the Print/Upload Signature Pages task in ResearchNet prior to submitting your application.

Transforming Public Health Evaluation Criteria

3 Areas of Evaluation

1: Research Approach

- Response to the objectives, priorities and mandate of competition.
- Feasibility (including timeline, budget, proposed methods).
- How the concept of health equity is incorporated into the proposed research
- Appropriateness of community engagement strategies,
- Quality and appropriateness of Equity, Diversity and Inclusion (EDI) and Indigenous Rights (IR) will be incorporated.
- For research projects involving First Nations, Inuit and Métis Peoples, how well the project address the rights and extent to which the work engages with Indigenous Peoples communities, societies or individuals

2: Applicant(s)

- Experience and qualifications of the applicant(s) in the proposed area of research and with the proposed methodology.
- Demonstration that necessary partnerships and resources are in place to execute the proposed research.
- For the research projects involving First Nations, Inuit and Métis Peoples, the extent of knowledge and experience in working with indigenous communities

3: Impact of the Research

- Potential to add value to the current state of knowledge.
- Contribution to the improvement of population health outcomes and equity, public health policy, systems and/or practice.
- Appropriateness and adequacy of the proposed knowledge mobilization plan.

Resources

Grant Development Office, Cumming School of Medicine

- Adam Kirkby, awkirkby@ucalgary.ca

ResearchNet

- [Catalyst Grant: Transforming Public Health](#)

Discussion