



Michael Smith

**Health  
Research BC**

# **2024 Scholar & 2024 Health Professional-Investigator Competitions**

## **Information Session Webinar**

**Andrew Biagtan | Research Competitions Coordinator (Scholar)**

**Shannon Wagener | Research Competitions Coordinator (HP-I)**

**November 1, 2023**

# Webinar agenda

1. About Michael Smith Health Research BC
2. Scholar and HP-I program overview
3. Insights from Scholar & HP-I award recipients
4. Organizations with Scholar & HP-I award holders
5. Award amount and duration
6. Eligibility requirements and updates for 2024
7. Changes for 2024
8. Pathway to Impact (KT)
9. Partnership opportunities
10. Review process & evaluation criteria
11. Tips for developing your application
12. Health Research BC ApplyNet
13. Application process flow
14. Contact information
15. Q & A session

# **Overview of the Scholar and Health Professional-Investigator programs**

# SCHOLAR PROGRAM



An early career researcher within 6 years of their first appointment

A Scholar award provides:



\$90,000 per year for up to 5 years



75% of time protected for research

Scholar awards enable researchers to:



Start + develop new programs of research in BC



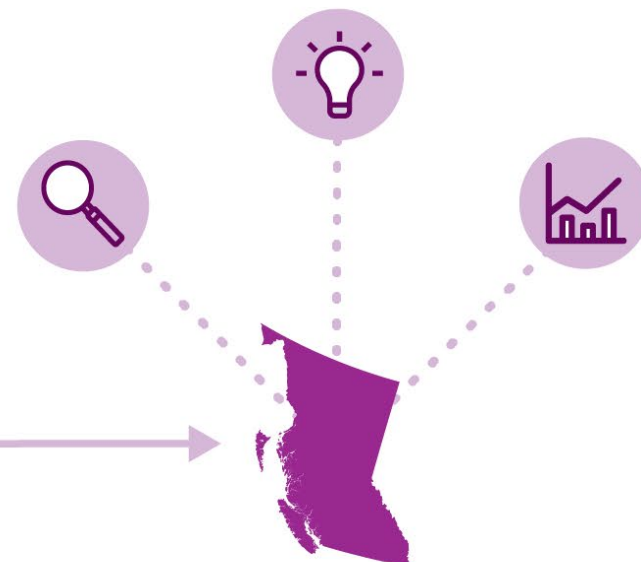
Attract additional funding



Train new researchers + hire full-time staff



Create knowledge to inform practice, policy + further research



## Benefits to BC:

- Develops BC talent
- Generates new discoveries + evidence to improve health care
- Builds health research capacity

# HEALTH PROFESSIONAL-INVESTIGATOR (HP-I) PROGRAM



A health professional looking to conduct and apply relevant research

An HP-I award provides:



Up to \$90,000 per year for five years



50% of time protected for research

HP-I awards enable researchers to:



Dedicate time to research while continuing clinical practice



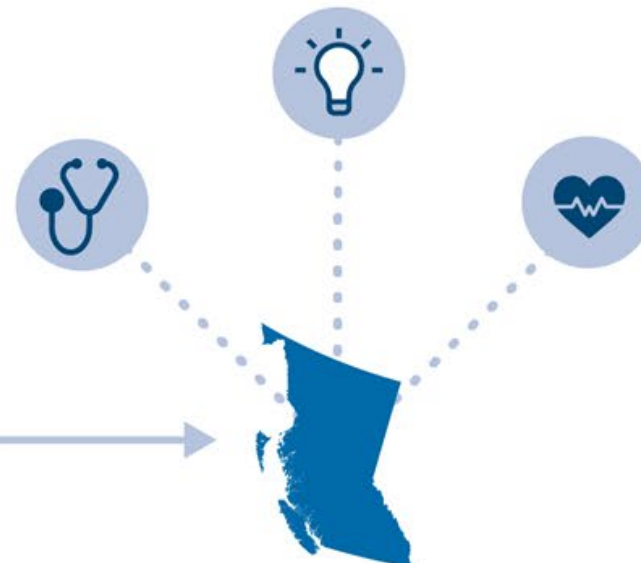
Link their practical knowledge with important research questions



Advance their research careers



Create knowledge to inform practice, policy + further research



## Benefits to BC:

- Builds health research capacity
- Connects evidence + patient care
- Improves patient outcomes

# Insights from a Scholar award recipient



**Dr. Thu Thuy Dang**

**2020 Scholar Award Recipient**

Assistant Professor

Biochemistry & Molecular Biology,  
Chemistry

University of British Columbia – Okanagan

**Project Title:** Plant based anticancer drugs - from discovery to final products



# Insights from an HP-I award recipient



**Dr. Nichole Fairbrother**

**2021 HP-I Award Recipient**

Registered Psychologist

Clinical Associate Professor, Department of  
Family Practice, UBC

Director, Perinatal Anxiety Research Lab

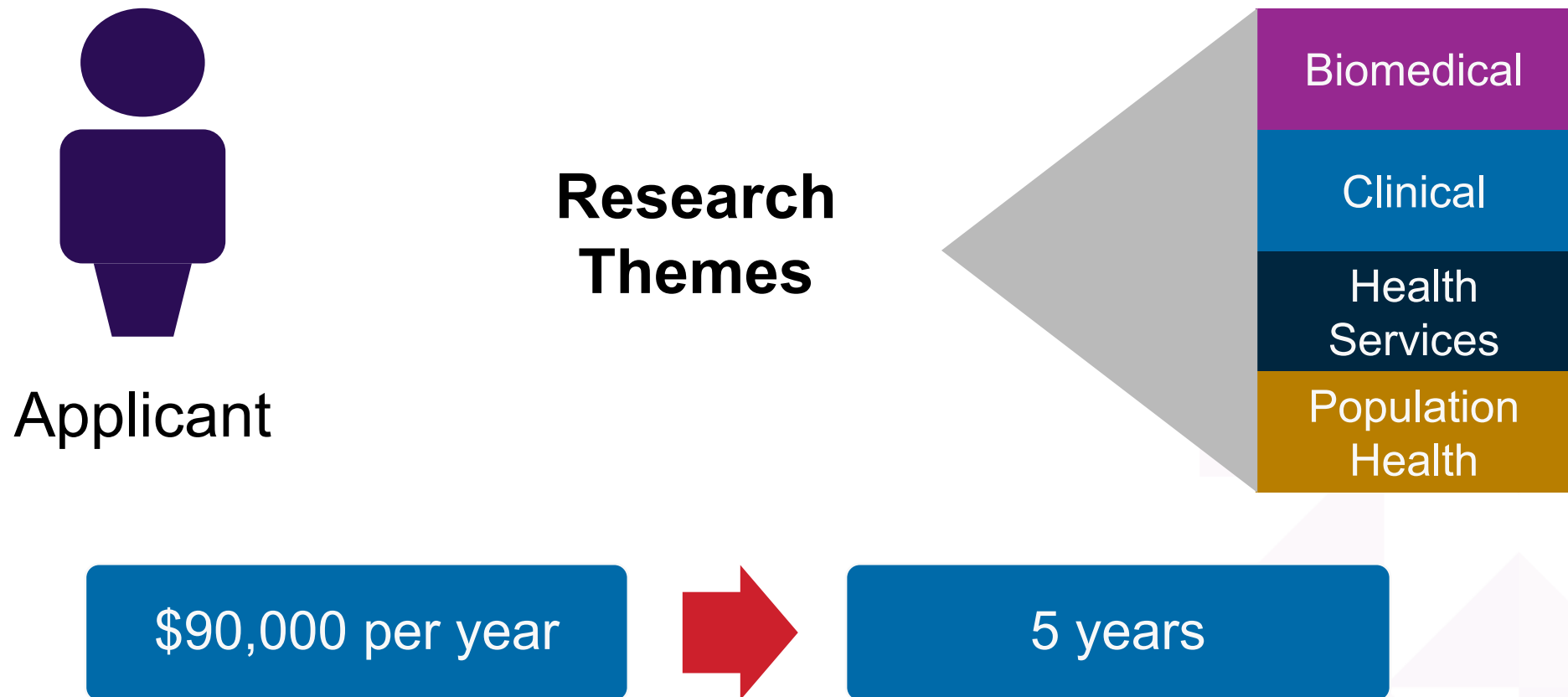
**Project Title:** Perinatal Anxiety Screening Study

# Organizations with Scholar and HP-I award holders

- BC Cancer (Vancouver, Victoria, BCCRI)
- BC Centre for Disease Control
- BC Centre for Excellence in HIV/AIDS
- BC Centre for Improved Cardiovascular Health (ICVHealth)
- BC Centre on Substance Use
- BC Children's Hospital and Sunny Hill Health Centre for Children
- BC Children's Hospital Research Institute
- BC Women's Hospital & Health Centre
- Canada's Michael Smith Genome Sciences Centre
- Centre for Chronic Disease Prevention and Management
- Centre for Gender & Sexual Health Equity
- Centre for Health Evaluation & Outcome Sciences (CHEOS)
- Centre for Heart Lung Innovation
- Centre for Hip Health and Mobility (CHHM)
- Djavad Mowafaghian Centre for Brain Health
- Foundry
- Fraser Health Authority
- GF Strong Rehabilitation Centre
- International Collaboration on Repair Discoveries (ICORD)
- Island Health
- Life Sciences Institute
- Providence Health Care
- Providence Research
- Provincial Health Services Authority
- Royal Roads University
- Simon Fraser University (Burnaby and Vancouver)
- St. Paul's Hospital
- Trinity Western University
- University of British Columbia (Okanagan, Vancouver, UBC Biomedical Research Centre, UBC Centre for Disease Control)
- University of Northern British Columbia
- University of the Fraser Valley
- University of Victoria
- Vancouver Coastal Health (VCHRI)
- Vancouver General Hospital
- Vancouver Island University
- Vancouver Prostate Centre
- Women's Health Research Institute



# Award amount & duration



# Scholar & HP-I program eligibility & updates

# Eligibility requirements - Scholar

## Eligibility Requirements

Must have a **PhD** or equivalent.

Commit to a minimum of **75 percent time** conducting research.

Currently hold an **appointment** or have a commitment of an appointment to begin by the award start date of **July 1, 2024** at a BC institution that holds a memorandum of understanding with Health Research BC as a host institution.

Be **within six years from the start of their first university appointment** (at an assistant professor level, or equivalent) **OR be within six years of obtaining a PhD** as of the award start date, **July 1, 2024**, whichever comes last

Research must display clear link to human health research

# Eligibility requirements – HP-I

## Eligibility Requirements

Hold a **valid license to practice in BC** and be a member in good standing of the **appropriate regulatory college** **OR** be a **board-certified/board-eligible health professional** and a member in good standing of the appropriate provincial/national certification body ([BC Health Regulators](#)).

For allied health professionals, must have a **bachelor's degree** or higher; for physicians, must have a **medical doctorate** or equivalent.

Be a clinician, health practitioner, and/or health care provider whose role requires **clinical decision-making**.

Commit to a minimum of **50 percent time** conducting research (min. 20 hours/week).

Currently hold an **appointment** or have a commitment of an appointment to begin by the award start date of **July 1, 2024** at a BC institution that holds a memorandum of understanding with Health Research BC as a host institution.

# Changes for 2024 Scholar and 2024 HP-I competitions

- Alignment of Scholar and HP-I competition timelines
- Covid-19 impacts are now incorporated into the Career Timeline section
- Space to detail your Pathway to Impact (Knowledge Translation) and engagement of research users, including people with lived/living experience
- New for HP-I:
  - Dedicated space to describe how you will meaningfully and appropriately account for EDI
  - Reference letters are no longer accepted

# Is Scholar or HP-I right for you?





# Pathway to Impact (Knowledge Translation)

# Knowledge Translation (KT) at Health Research BC

**The broad range of activities and initiatives used to improve the use of health research evidence in health planning, practice, policy, and further health research.**

- It's more than dissemination
- A “**Pathway to Impact**” for health research evidence
- Includes KT Practice and KT Research

# Why is Knowledge Translation Important?

- In 2009, Chalmers and Glasziou estimated that globally ~85% of biomedical research investment is wasted<sup>1</sup>
- MacLeod *et al.* estimated that across *all* health research this amounted to ~US\$200B of wasted funding in 2010<sup>2</sup>

<sup>1</sup>Chalmers & Glasziou. *Avoidable waste in the production and reporting of research evidence*. The Lancet (2009) 374;9683:86-89

<sup>2</sup>MacLeod et al. *Biomedical research: Increasing value, reducing waste*. The Lancet. (2014) 383;9912:101–4

# The Impact of Research Waste

- 30% of patients do not get treatments of proven effectiveness
- 25% of patients get care that is not needed or potentially harmful
- Up to 75% of patients do not get enough information to make decisions
- Most programs to address gaps in patient care are not:
  - evidence-based
  - being implemented as intended
  - being evaluated rigorously
  - being sustained.

Kiesler DJ, Auerback SM. Optimal matches of patient preferences for information, decision-making and interpersonal behavior: evidence, models and interventions. Patient Educ Couns 2006;61:319-41.

Dawes, M., Sampson, U.: Knowledge management in clinical practice: A systematic review of information seeking behavior in physicians. Int J Med Inform 2003;71:9-15 .

McGlynn Elizabeth A, Asch Steven M, Adams John, Keeseey Joan, Hicks Jennifer, DeCristofaro Alison, Kerr Eve A. The quality of health care delivered to adults in the United States. N Engl J Med. 2003 Jun 26;348(26):2635–2645.

# Pathway to Impact

**KT Practice:** the use of KT models, frameworks, and/or theories

## Synthesis

The contextualization and integration of research findings of individual research studies within the larger body of knowledge on the topic.

## Dissemination

The active, purposive distribution of research findings tailored to the unique needs of appropriate audiences with the intent to spread information.

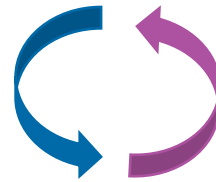
## Exchange

The giving and receiving of knowledge between researchers and research users throughout the research cycle resulting in mutual learning.

## Implementation

The use of strategies to adopt and integrate evidence-based interventions and to change practice within specific settings.

KT activities are dynamic and interrelated; they can occur at multiple points in the research cycle



**KT Science/Research:** the study of KT practices

## Science of Knowledge Synthesis

The scientific study of the methods used to synthesize individual research findings within the larger body of knowledge on the topic.

## Science of Knowledge Dissemination

The scientific study of processes and variables that determine and/or influence the spread of knowledge to various stakeholders.

## Science of Exchanging Knowledge

The scientific study of the methods used to exchange knowledge between researchers and research users that results in mutual learning.

## Implementation Science

The scientific study of methods that promote the systematic uptake of research findings and other evidence-based practices in clinical, organizational or policy contexts.

KT practice and research are interrelated; they can inform the work of the other and take place within the same research study

# KT Practice and KT Research

- KT Practice activities are the steps in your “pathway to impact”
  - What steps do you need to take?
  - Talk with other researchers to see what KT activities they’ve used
- KT Practice activities are evidence-based
  - Look at KT models, frameworks, and theories to inform your KT plan development
- KT Practice is not the same as KT Research
  - But KT Research proposals should include KT Practice activities
- KT Practice activities should be included in all pillars (i.e., biomedical, clinical, population health, health system), as appropriate to the type of research, expected findings, and research users
  - e.g., KT in bench research will look different than for population health research, and that’s okay!



# End-of-Grant KT vs. Integrated KT vs. Patient-oriented Research

## End-of-Grant (Project) KT

The research team develops and implements a plan for making potential research users aware of the knowledge that is gained from a project.

- Dissemination, +/- implementation
- Researcher-driven
- Typically, not planned early

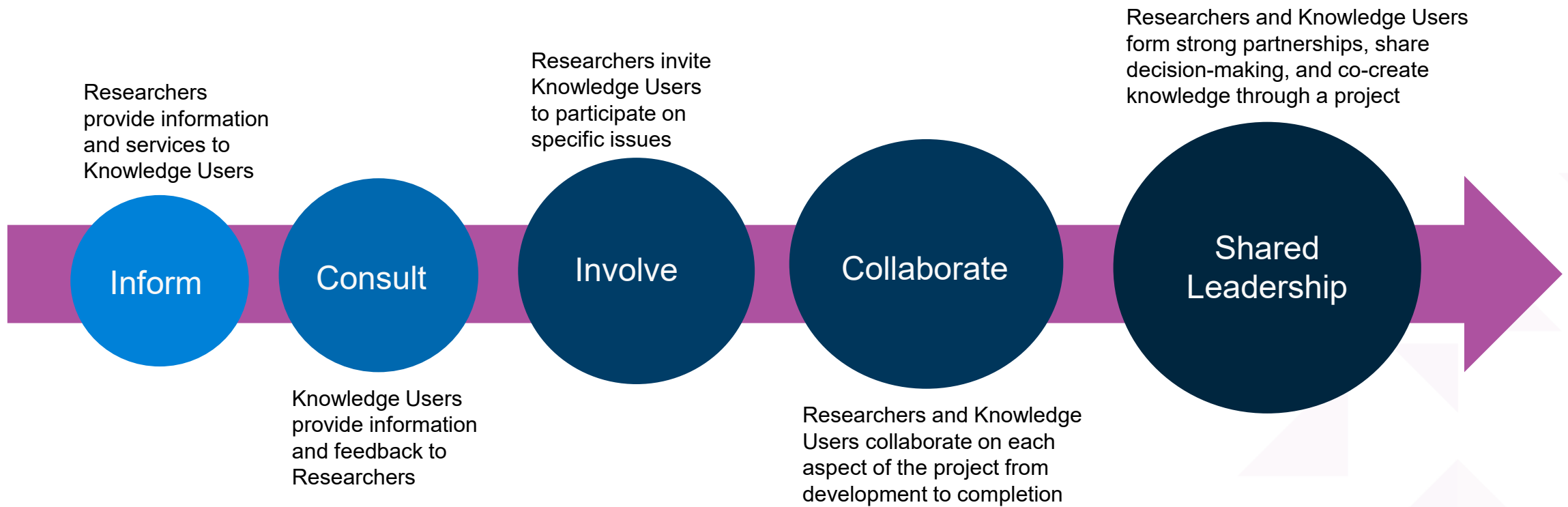
# End-of-Grant KT vs. Integrated KT vs. Patient-oriented Research

## Integrated KT (iKT) & Patient-oriented Research

Research users are engaged as equal partners alongside research team.

- Involved with most, if not the entire, research process
- Team-driven
- Pre-planned prior to undertaking research

# Participant Involvement in Research



# Types of Research Users

- Patients
- The "public" / specific community representatives
- Clinicians / health care practitioners
- Health care administrators
- Government employees / public policy makers or analysts / educators
- Representatives from non-government organizations / advocacy groups
- Research funders
- Industry
- Other researchers

# Pathway to Impact Resources

[About](#)[COVID-19](#)[News](#)[Resources](#)[Training & Events](#)[Take the Assessment](#)

KT Pathways >

## About KT Pathways

KT Pathways is an assessment tool for anyone who creates, uses or communicates research evidence. It is designed to help you assess your current knowledge translation (KT) skill level and to provide a framework for learning to support the use of research in practice, policy and further research.

[Create Account](#)[Already a member?  
Login](#)

**ktpathways.ca**

# Pathway to Impact Resources



CONTACT US



APPLYNET 

ABOUT

FUNDING

ENABLING RESEARCH

PARTNERSHIPS

NEWS & EVENTS

## Resource Library

Search through staff-developed and recommended external resources in our collection.

[healthresearchbc.ca/resource-library/](https://healthresearchbc.ca/resource-library/)



# Pathway to Impact Resources



## Pathway to Impact Resources

In addition to the resources below, Health Research BC's [Knowledge Translation, Patient-Oriented Research & Implementation Science Resources](#) guide provides examples by research theme of KT and Patient-Oriented Research as well as implementation science activities and resources to support development and implementation of your pathway to impact activities.

### Knowledge Translation

- [Health Research BC Knowledge Translation](#)
- [REACH BC](#)
- [A Guide to Researcher and Knowledge-User Collaboration in Health Research](#)
- [Moving into action: We know what practices we want to change, now what? An implementation guide for health care practitioners](#)

### Engaging with People with lived/living experience Partners and Patient Oriented Research

- [BC SUPPORT Unit Information for Researchers](#)
- [CIHR Patient Engagement Training course](#)
- [A Journey Through Public & Patient Engagement in Health Research: A Road Map](#)
- [BC SUPPORT Unit: How patient oriented is your research?](#)
- [Workbook to guide the development of a patient engagement in research \(PEIR\) plan](#)

# Partnership opportunities

# Partnership opportunities

Health Research BC partners with leading organizations to grow BC's health research talent.



## Process:

Applicants interested in being funded through a partnered award are encouraged to **Complete the Potential Co-Funding Partners tab in their Full Application in ApplyNet.**

Additional partners will sometimes come on board during or after the full application phase and are therefore listed only on our website. If you'd like to be considered for an award co-funded by any of these additional partners, please let us know by emailing [partnerships@healthresearchbc.ca](mailto:partnerships@healthresearchbc.ca).

*Health Research BC uses the details captured in your full application and **keywords** provided by partners to identify applications that may be relevant to and align with partners' area of interest.*

# 2023 Scholar & 2022 HP-I co-funding partners



*More information about partners interested in co-funding the 2024 competition will be available in the full application form and at <https://healthresearchbc.ca/funding/partnered-awards/>.*

# Mitacs Accelerate partnership

- Optional expedited application process for Mitacs Accelerate funding for Scholar and HP-I applicants.
- Mitacs Accelerate funding supports experiential training internships for Master's, PhD students, and post-doctoral fellows who are supporting your research.
- Applicants indicate interest at letter of intent.
- Separate application form outside of ApplyNet system. Form to be uploaded to Full Application.
- Contact a Mitacs [business development representative](#) for more information and to obtain an Accelerate Proposal application.

# Review process & evaluation criteria



# Evaluation criteria

Criterion	Weighting
Applicant expertise and experience	30%
Research program	50%
Environment and support	20%

## **Applicant Expertise and Experience**

- Career timeline
- Most significant contributions
- Health Research BC Full CCV
- Publication list

## **Research Program**

- Research program upload
- Response to previous reviews (if applicable)
- Pathway to impact/KT
- EDI considerations

## **Environment and Support**

- Research support statement
- Budget statement
- Department Head and/or Dean Forms in which reviewers look for clear commitment and support by applicant's host institution.
- Letter(s) of collaboration (optional)

# Peer review

## Scholar:

Separate peer review pools for junior faculty:

- Within **three years** of first appointment
- Between **4-6 years** from first appointment

## Health Professional-Investigator:

Separate peer review pools for:

- **Physician** applicants
- **Allied Health** applicants

## Both programs:

Peer review panels by theme

**Biomedical | Clinical | Health Services | Population Health**

# Writing and submitting your application

# Tips for developing your application

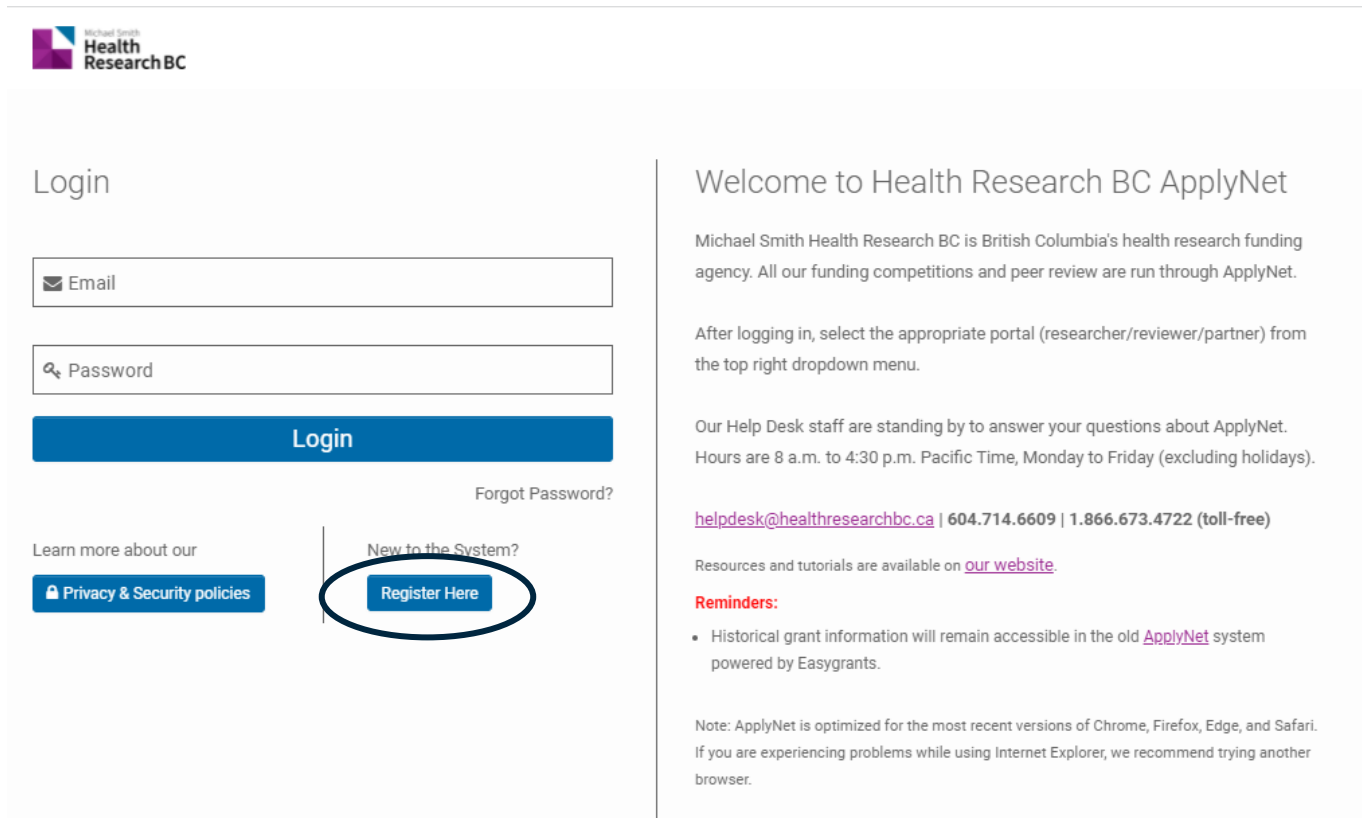
- Seek support from your organization's **grant facilitation office** for development, editing, and revision of your application.
- Have your application critically reviewed by **colleagues**.
- Review the competition's **evaluation criteria** and make sure they are addressed in your application.
- Pay attention to **grantsmanship** — cohesive flow of information allows reviewers to read the application without having to flip back and forth between pages.
- If an optional question doesn't apply to you, you **do not need** to fill it out.
- Format the research proposal to be easy to read. Use **headings** to show a logical progression and break up the text into **paragraphs**. Don't be afraid of white space.


# Tips for developing your application

- Reviewers do not have the time to look up information on your behalf — if it is important, **make it explicit** in the application.
- If you have **pilot data**, mention it.
- You will have 8 additional pages for your appendices, which may include references, tables, charts, figures, and photographs. However, if the data is important to your research proposal, please include it within the **Research Proposal document**.
- If you were not able to capture important information about your activities and contributions in the CCV, you can add it to the **Most Significant Contributions** section.
- **Reach out to your Department Head** very early in the process to discuss your appointment and the resources and support available to you.

# Health Research BC ApplyNet

Applications are submitted through our online grants management system, ApplyNet, <https://healthresearchbc.smartsimple.ca/>



 Michael Smith Health Research BC

Login

Login

[Forgot Password?](#)

Learn more about our [Privacy & Security policies](#)

New to the System?  
[Register Here](#)

Welcome to Health Research BC ApplyNet

Michael Smith Health Research BC is British Columbia's health research funding agency. All our funding competitions and peer review are run through ApplyNet.

After logging in, select the appropriate portal (researcher/reviewer/partner) from the top right dropdown menu.

Our Help Desk staff are standing by to answer your questions about ApplyNet. Hours are 8 a.m. to 4:30 p.m. Pacific Time, Monday to Friday (excluding holidays).

[helpdesk@healthresearchbc.ca](mailto:helpdesk@healthresearchbc.ca) | 604.714.6609 | 1.866.673.4722 (toll-free)

Resources and tutorials are available on [our website](#).

**Reminders:**

- Historical grant information will remain accessible in the old [ApplyNet](#) system powered by Easygrants.

Note: ApplyNet is optimized for the most recent versions of Chrome, Firefox, Edge, and Safari. If you are experiencing problems while using Internet Explorer, we recommend trying another browser.

# Health Research BC ApplyNet

From the home page, click **Apply**.

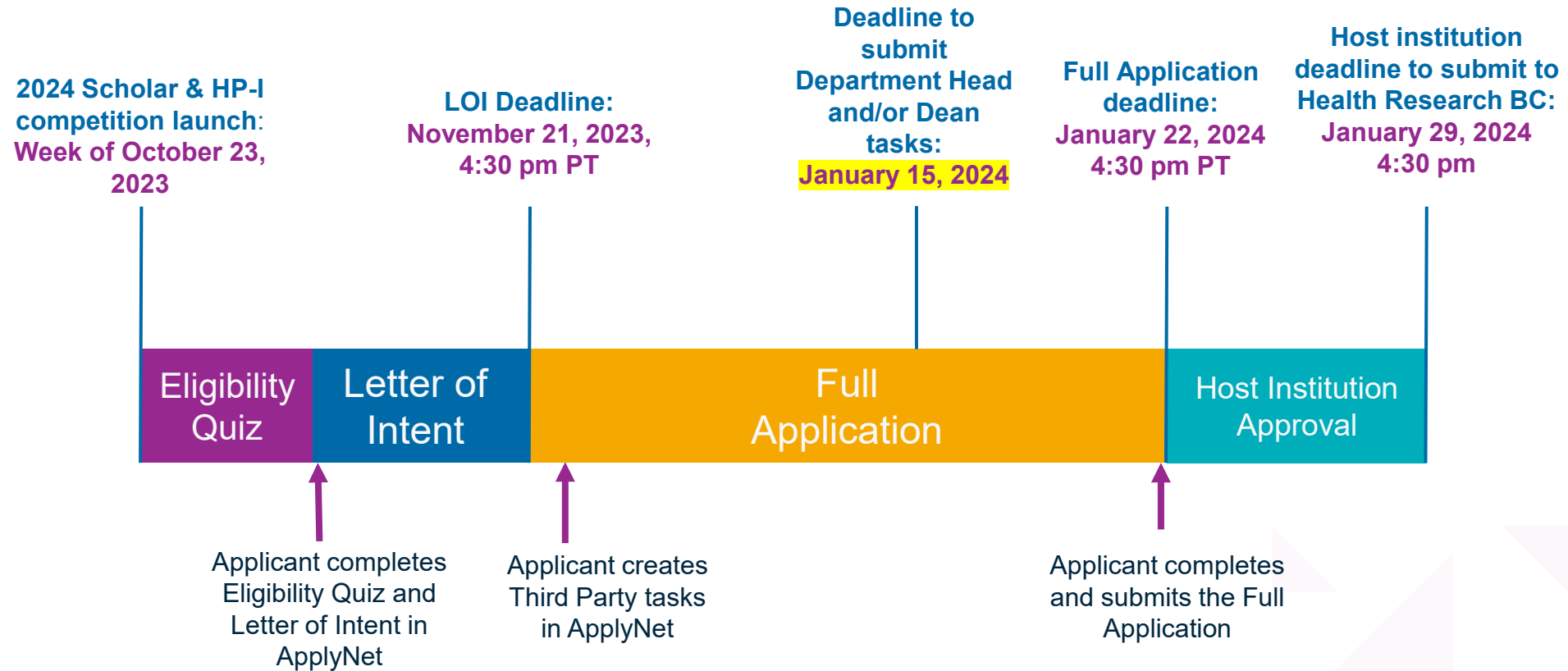


The next page will display a list of competitions available for application.

Open Competitions					+
					1-3 of 3
Funding Cycle	Program Type	Award Type	Award Term	Deadline	
2024 Scholar Competition	Scholar Program	Career Awards	Five Years	LOI Deadline: 11/21/2023 4:30 PM Full Application Deadline: 01/22/2024 4:30 PM	<a href="#">View Details</a>
2024 Health Professional-Investigator Competition	Health Professional-Investigator Program	Career Awards	Five Years	LOI Deadline: 11/21/2023 4:30 PM Full Application Deadline: 01/22/2024 4:30 PM	<a href="#">View Details</a>

Click **View Details** to see competition information and to launch an eligibility quiz. A successful completion of the quiz will open the Letter of Intent.

# Scholar and HP-I application process flow



\* **Third Parties:** Department Head and/or Dean



# Contact Info

For questions regarding the application and submission process, please contact:

## Scholar Competition:

**Andrew Biagtan**

Coordinator, Research  
Competitions

604.714.6602

[scholar@healthresearchbc.ca](mailto:scholar@healthresearchbc.ca)

## HP-I Competition:

**Shannon Wagener**

Coordinator, Research  
Competitions

604.714.2779

[hpi@healthresearchbc.ca](mailto:hpi@healthresearchbc.ca)

For technical support with ApplyNet, please contact:

**Health Research BC Help Desk**

604.714.6609 | 1.866.673.4722

[helpdesk@healthresearchbc.ca](mailto:helpdesk@healthresearchbc.ca)

# Questions?

Stages in Competition Cycle	Date
Letter of Intent Deadline	November 21, 2023 4:30 p.m. PT
Full Application Deadline	January 22, 2024 4:30 p.m. PT
Host Institution Deadline	January 29, 2024 4:30 p.m. PT
Peer Review Panel Meetings	April-May 2024
Anticipated Start of Funding	July 1, 2024