2023 Convening & Collaborating / 2023 Reach

Competition Information Session

Akhil Huggi | Research Competitions

April 20, 2023
As a provincial organization, our work extends across many Indigenous lands and territories throughout British Columbia. We acknowledge with respect and humility that our Vancouver offices are located on the traditional and unceded territories of the xʷməθkʷəy̓əm (Musqueam), Skwxwú7mesh (Squamish), and səlíwətaʔɬ (Tsleil-Waututh) Nations.
Info Session Agenda

➢ About Michael Smith Health Research BC
➢ Knowledge Translation at HRBC
➢ Program Overview and Comparison
➢ Insights from Previous Award Recipient
➢ Updates for 2023
➢ C² Award Details
➢ Reach Award Details

➢ Partnership Opportunities
➢ How to Apply
  ▪ Application Process
  ▪ Application Development Tips
  ▪ Review Process
➢ Health Research BC ApplyNet
➢ Key Dates, Contact Info and Q&A
The Michael Smith Foundation for Health Research (MSFHR) and the British Columbia Academic Health Science Network (BC AHSN) have joined forces to create a dynamic and integrated health research organization,

**Michael Smith Health Research BC**,  

to support the growth and evolution of BC’s vibrant health research system and life sciences sector.
Knowledge Translation at Health Research BC
The Problem: Research Waste

- Chalmers and Glasziou estimated that, globally ~85% of biomedical research investment is wasted\(^1\)

- MacLeod et al. estimated that across all health research this amounted to ~US$200B of wasted funding\(^2\)

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\(^1\)Chalmers & Glasziou. Avoidable waste in the production and reporting of research evidence. The Lancet (2009) 374;9683:86-89

The Solution: Knowledge Translation

- Evidence-based programs
- Evidence-based guidelines
- Evidence-based practices
- Spread
- Knowledge Transfer
- Research Utilization
- Research Use
- Knowledge Exchange
- Implementation Science
- Knowledge Translation
- Knowledge Mobilization
- Knowledge Uptake
- Dissemination and Diffusion
- Implementation
- Sustainability
- Scale up
- Evidence implementation
- Evidence
- Research use
- Dissemination science
What is “Knowledge Translation (KT)”?

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.

- A “**pathway to impact**” for health research evidence
- Embeds research findings in **real-world contexts**
- Includes **exchange, synthesis, dissemination, and implementation**
- System of interactions between **researchers** and knowledge users
- Varies in intensity, complexity, and level of **engagement** depending on the **context**
- **KT practice** is based on **KT research**

**Knowledge Translation: Pathway to Impact**

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

<table>
<thead>
<tr>
<th>Exchange</th>
<th>Synthesis</th>
<th>Dissemination</th>
<th>Implementation</th>
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<tbody>
<tr>
<td>The giving and receiving of knowledge between researchers and research users evidence throughout the research cycle resulting in mutual learning.</td>
<td>The contextualization and integration of research findings of individual research studies within the larger body of knowledge on the topic.</td>
<td>The active, purposive distribution of research findings tailored to the unique needs of appropriate audiences with the intent to spread information.</td>
<td>The use of strategies to adopt and integrate evidence-based interventions and change practice within specific settings.</td>
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KT activities are dynamic and interrelated; they can occur at multiple points in the research cycle.

### KT Science: the study of KT practices

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

- **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.

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

- **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.
The researcher develops and implements a plan for making potential research user audiences aware of the knowledge that is gained during a project.

- Dissemination +/- implementation
- Researcher-driven
- Typically, not planned early but after a study is completed
- In line with the objectives of the Reach award
Integrated KT (iKT)

Research users are engaged as equal partners alongside researchers.

- Involved with most, if not the entire, research process
- Team-driven
- Pre-planned prior to undertaking research
- In line with the objectives of the Convening & Collaborative (C²) award
Participant Involvement in Research

Researchers provide information and services to knowledge users

Knowledge users provide information and feedback to researchers

Researchers invite knowledge users to participate on specific issues

Researchers and knowledge users collaborate on each aspect of the project from development to completion

Researchers and knowledge users form strong partnerships, share decision-making, and co-create knowledge through a project

Adapted from:
Balaz & Morello-Frosch. *The three R’s: How community based participatory research strengthens the rigor, relevance and reach of science*. Environmental Justice, (2013) 6:1
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.

https://ktpathways.ca
KT Connects

WEBINAR ARCHIVE

Filter by date:

- Year
- Month

Search

- February 24, 2023
  Understanding Indigenous Knowledge: An insider’s theory

- February 03, 2023

- October 07, 2022
  Co-designing research methods with community partners — benefits and challenges

healthresearchbc.ca/knowledge-translation/
Program Overview and Comparison
Knowledge Translation Programs: Convening & Collaborating (C²) & Reach

**Convening and Collaborating (C²) Program**
Support the co-development of research activities

**Reach Program**
Support the dissemination of health research outputs

C² and Reach are KT awards providing $15,000 for a maximum of 18 months for research and research user teams
## Convening & Collaborating ($C^2$) & Reach

<table>
<thead>
<tr>
<th><strong>Purpose</strong></th>
<th>To foster <strong>collaboration</strong> and co-development of research by researchers and research users throughout the research cycle</th>
<th>To facilitate the co-development of tools, activities, and events to <strong>disseminate</strong> research evidence at the end of research cycle</th>
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<tr>
<td><strong>Award Amount &amp; Duration</strong></td>
<td>Up to $15,000 for 18* months (*All activities must be planned to occur within the first 12 months of the award)</td>
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<td><strong>Minimum Team Composition</strong></td>
<td>Researcher Co-Lead + Research User Co-Lead + Trainee (can be a research user co-lead)</td>
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| **Other eligibility requirements** | * Must be based at an eligible BC host institution  
* Award funds must be used in BC | |
| **Competition Dates** | Competition Launch: **April 4, 2023**  
Application due date: **May 15, 2023, at 4:30 pm**  
Award Start Date: **October 1, 2023** | |
Insights from a C² and Reach Award Recipient

Dr. Davina Banner Lukaris (PhD, RN)

• Associate Professor, School of Nursing, University of Northern British Columbia
• Leads interdisciplinary program of research, cardiovascular care, patient and provider experiences and rural health service delivery

2022 Reach Award - Mobilizing Knowledge: Pressure Injury in People with Lived Experience of Spinal Cord Injury – From Evidence to Practice and Research

2021 Reach Award – Raising Awareness of Conflict of Interest in Patient-Oriented Research

2019 Convening and Collaborating Award - Building towards consensus on compensation and conflict in patient-oriented research (POR)
C2& Reach Award: Conflicts of interest in patient-oriented research

Activities:

- **Convening & Collaborating – Building consensus**
  - Team building
  - Scoping review
  - Twitter Chat
  - Interviews
  - Consensus building workshop

- **Reach – Raising awareness**
  - Tweet Chat for POR facilitation guide
  - Manuscripts
  - Plain language resources
    - Illustrated videos
    - Infographics
C2: Convening & Collaborating

• Start early!
• Engage meaningfully with your research user partner
  ▪ Consider your partnership principles
  ▪ Identify how you plan to work together
  ▪ Determine what supports may be needed to build and sustain the partnership
• Consider how your planned activities can catalyze future research
  ▪ Who are the key knowledge users?
  ▪ Have you engaged those with diverse experiences and perspectives?
• Co-create engagement activities and plans
  ▪ Clearly articulate goals and potential outcomes
  ▪ Supplement your application with relevant materials, including letters of support and prospective participant lists
  ▪ Develop a feasible and realistic timeline
• KT Goals:

1) Generate awareness of & interest in the experiences of persons living with SCI as they prevent and manage PI;

2) Impart knowledge about study findings to increase knowledge of PI & SCI and to identify the needs and values of persons living with SCI in order to inform attitudes, behaviours, and practices;

3) Identify the priorities of persons at risk of or living with pressure injury and SCI and to develop a research agenda to inform and catalyze future responsive research.
Reach: A pathway to impact

• Co-create your KT/KMb goals
  ▪ Optimize engagement

• Identify your target audiences
  ▪ Consider your top 3 target audiences

• What strategies may be most effective?
  ▪ How can you make the outputs accessible to a diverse audience?
  ▪ Are there creative and innovative approaches that may be valuable?

• What kinds of supports might you need?
  ▪ Do you need to engage technical supports?

• How can you maximize reach and impact?
  ▪ How will you evaluate the impact of your KT/KMb?
Updates For 2023
## Updates For 2023 Competition

<table>
<thead>
<tr>
<th>Team Member</th>
<th>Letters of Support</th>
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<tr>
<td>• Employees of Health Research BC are not eligible to apply</td>
<td>• Health Research BC cannot accept letters of support from departments within Health Research BC.</td>
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<tr>
<td>• Cannot be listed as a team member</td>
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<tr>
<td>• But can be described or referenced in the application</td>
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### Health Research BC Departments
- Clinical Trials BC
- Knowledge Translation
- Research Ethics BC
- BC Support Unit
Updates For 2023 Competition

If you are collaborating with a Health Research BC Department, what’s next?

**Collaboration or Support by Health Research BC Department**

**Update for 2023:** Employees of Health Research BC (including Clinical Trials BC, Knowledge Translation, Research Ethics BC, and BC SUPPORT Unit) are not eligible to apply and may not be listed as team members. Potential applicants and team members who may be impacted by this policy should contact Akhil Huggi reach@healthresearchbc.ca to clarify their eligibility prior to completing the application form.

In addition, Health Research BC cannot accept letters of support from departments within Health Research BC (including Clinical Trials BC, Knowledge Translation, Research Ethics BC, and BC SUPPORT Unit).

Applicants who plan to collaborate with or receive in-kind support from Health Research BC departments should provide the contact details of the Health Research BC staff member in the "Collaboration or Support by Health Research BC Department" section (below). After the collaboration is successfully validated the application will be modified such that peer reviewers will be able to see the name of the collaborating Health Research BC staff member.

**Health Research BC Staff Validation Comments**

Health Research BC staff have internally validated this collaboration. This statement is intended to replace the Letter of Support to verify plans for a collaboration between the applicant and the Health Research BC department. This statement is not an organizational endorsement of the proposed work.

- [ ] Yes
- [x] No

* If "YES", please provide further information.

The below contact information is for internal use only. Health Research BC Staff will confirm this collaboration internally. After the collaboration is successfully validated the application will be modified such that peer reviewers will be able to see name of the collaborating Health Research BC department and the following statement will be added: "Health Research BC staff have internally validated this collaboration. This statement is intended to replace the Letter of Support to verify plans for a collaboration between the applicant and the Health Research BC department. This statement is not an organizational endorsement of the proposed work."

* Department Name:

* Contact Name:

* Contact Email:
Convening and Collaborating (C²) Award Details
CONVENING & COLLABORATING (C²) PROGRAM

A team of health researchers and research users co-developing a project addressing BC health system priorities

A C² award provides:

- $15,000 to be used within 12 months
- Support for knowledge translation activities that bring researchers and research users together

C² awards enable researchers and research users to:

- Share expertise and knowledge
- Co-develop research that is relevant to patients and a diverse range of stakeholders
- Build capacity in knowledge translation

Benefits to BC:

- Advance research aligned with BC health system priorities for use in planning, policy, and practice
- Increases the likelihood research findings will be relevant to patients, health practitioners, policy makers, and other stakeholders
Examples of Supported Research Activities – C²

• Developing research questions or plans that could form the basis of a grant application.

• Developing an integrated KT plan as part of a research project or program.

• Developing a plan to implement research evidence and/or study the implementation of research evidence.

• Stakeholder engagement partnership (e.g. workshop or symposium) regarding health research needs, gaps, and opportunities, priority policy issues and/or priority research questions.

• Building a new partnership.

• Evaluating a peer support initiative.
Examples of Successful C² Applications

• Undertaking the Co-Design of Climate Distress Services for Young People in British Columbia
  Kiffer Card (Simon Fraser University), Arden Henley (Green Technology Education Centre)

• Developing a collaborative research agenda to improve the care of patients living with metastatic breast cancer in British Columbia
  Helen McTaggart-Cowan (BC Cancer), Stephen Chia (BC Cancer)

• A translational research network to study and improve the clinical care of brain injury in intimate partner violence (IPV) on Vancouver Island
  Sandy Shultz (Vancouver Island University), Aimee Falkenberg (Island Health)

https://healthresearchbc.ca/funding/awards-database/
A team of health researchers and research users with knowledge to disseminate

Reach awards enable researchers and research users to:

- Co-develop events, activities, and/or tools to share research findings
- Communicate research evidence to key target audiences
- Build capacity in knowledge translation

A Reach award provides:

- $15,000 to be used within 12 months
- Support for the dissemination of health research outputs

Benefits to BC:

- Increases the likelihood that research evidence will be used
- Allows BC research to be communicated across BC, Canada, and internationally
Examples of Supported Activities – Reach

- Development of new educational materials or sessions
- Creation of multiple media platforms and social marketing
- Development and implementation of products or tools that result from health research
- Development of media releases or outreach campaigns
- Creation of relevant networks and/or presentations to relevant networks
- Engagement with champions/key opinion leaders
- Communication of evidence to health practitioners
- Activities/events that engage patients to improve their knowledge and health behavior
- Organization of scientific meetings, conferences, symposia, etc.

The Reach funds may **not** be used for pilot research studies or research operating funds (primary research or primary data collection including surveys).
Examples of Successful Reach Applications

• Familial Hypercholesterolemia Patient Engagement Forum: Family Care and Women's Health
  Liam Brunham (University of British Columbia), Nancy Pratt (Providence Health Care)

• Staying apart together: Harnessing the power of community-based knowledge and social networks through communication technologies.
  Simon Carroll (University of Victoria), Robin Syme (University of Victoria)

• Sharing Knowledge to Strengthen Climate Action and Community Health: Connecting Researchers, Trainees, and Health Authorities
  Maya Gislason (Simon Fraser University), Raina Fumerton (Northern Health)

https://healthresearchbc.ca/funding/awards-database/
Health Research BC partners with leading organizations to grow BC’s health research capacity.

**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 these are listed on our website. If you'd like to be considered for an award co-funded by any of these partners, or to suggest new partners, please let us know by emailing partnerships@healthresearchbc.ca

- Health Research BC uses the details captured in your full application and keywords and areas of research interest provided by partners to identify applications that may be relevant to and align with partners’ areas of interest.
2023 Co-Funding Partners

More information about partnership opportunities will be available in the application form and at https://healthresearchbc.ca/funding/partnered-awards/
How to Apply?
Application Process Flow

2023 C² and Reach competitions open: April 4, 2023

Eligibility Quiz
- Applicant completes Eligibility Quiz in ApplyNet

Full Application
- Applicant creates Third Party tasks in ApplyNet
- Third Parties* complete their tasks in ApplyNet

Host Institution Approval
- Applicant completes and submits the Full Application

Health Research BC Full Application deadline: May 15, 2023

* Third Parties: Department Head (or equivalent), Research User Co-Lead
Review Process

- Following an initial internal screening, eligible applications will undergo review by an external panel for funding recommendations.
- The Evaluation Criteria for both C² and Reach will be the same:

<table>
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<tr>
<th>Criterion</th>
<th>Weighting</th>
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<tr>
<td>Team quality and engagement</td>
<td>50%</td>
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<tr>
<td>Quality of proposed work</td>
<td>50%</td>
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<thead>
<tr>
<th>Descriptor</th>
<th>Range</th>
<th>Outcome</th>
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<tbody>
<tr>
<td>Outstanding</td>
<td>4.5 – 4.9</td>
<td>May be funded</td>
</tr>
<tr>
<td>Excellent</td>
<td>4.0 – 4.4</td>
<td></td>
</tr>
<tr>
<td>Very good</td>
<td>3.5 – 3.9</td>
<td></td>
</tr>
<tr>
<td>Fair</td>
<td>3.0 – 3.4</td>
<td>Not fundable</td>
</tr>
<tr>
<td>Less than adequate</td>
<td>0 – 2.9</td>
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Application Development Tips

• 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.

• Reviewers do not have the time to look up information on your behalf — if it is important, make it explicit in the application.

• The sample application on our website may help you prepare your application.
Applications to C² and Reach are submitted through our online application system https://healthresearchbc.smartsimple.ca
• From the home page, click **Apply**

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

• Click **View Details** to see competition information and to launch an eligibility quiz. A successful completion of the quiz will open the application.
• You can find tutorials and other resources at: https://healthresearchbc.ca/funding/

• For any questions about ApplyNet, please email us at: helpdesk@healthresearchbc.ca

• We welcome any feedback about the system!
For questions regarding the C² program please contact:

Akhil Huggi  
Coordinator, Research Competitions  
+1 778-900-1336  
Email: c2@healthresearchbc.ca

For questions regarding the Reach program please contact:

Akhil Huggi  
Coordinator, Research Competitions  
+1 778-900-1336  
Email: reach@healthresearchbc.ca

Health Research BC ApplyNet and other technical support

Health Research BC Help Desk  
604.714.6609 (toll-free: 1.866.673.4722)  
Email: helpdesk@healthresearchbc.ca
Questions?

<table>
<thead>
<tr>
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<tr>
<td>Competition Launch</td>
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<tr>
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<td>May 15, 2023</td>
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<tr>
<td>Host Institution Deadline</td>
<td>May 23, 3023</td>
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<tr>
<td>Anticipated Start of Funding</td>
<td>October 1, 2023</td>
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Thank you!