KT Pathways

A KT assessment and learning tool
Why MSFHR?

• Established in 2001 as BC’s health research funding agency to build health research talent and capacity in BC

• Named in honour of Dr. Michael Smith (1932 – 2000), BC’s first Nobel Laureate (1993)
Mandate

• Fostering talent development so BC can develop, attract, and retain the very best health researchers
• Supporting provincial health system priorities, health system transformation, and innovation
• Building capacity for, and furthering the use of, research evidence in policy, planning, practice
• Optimizing provincial health research investment through partnerships that leverage funds, create efficiencies, and reduce duplication
### MSFHR’s suite of programs

<table>
<thead>
<tr>
<th>Programs</th>
<th>Area of focus</th>
<th>Amount &amp; term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholar</td>
<td>Supports early-career investigators to advance their careers and build independent research programs <em>(partnered awards available)</em></td>
<td>$90,000/year 5 years</td>
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<tr>
<td>Research Trainee</td>
<td>Supports post-doctoral fellows to prepare for careers in health research <em>(partnered awards available)</em></td>
<td>$40,000+/year up to 3 years</td>
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<tr>
<td>Health Professional-Investigator</td>
<td>Supports health professionals to develop and advance research <em>(partnered awards available)</em></td>
<td>$90,000/year up to 5 years</td>
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<tr>
<td>Innovation to Commercialization</td>
<td>Advances health research discoveries towards commercialization <em>(partnered awards available)</em></td>
<td>$150,000/year up to 4 years</td>
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<tr>
<td>Health Policy Fellowship*</td>
<td>Fosters interactions between health researchers and decision-makers to bridge the gap between science and policy-making</td>
<td>Partnering with CIHR</td>
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<tr>
<td>Convening &amp; Collaborating (C²)</td>
<td>Supports collaborative activities between health researchers and research users</td>
<td>$15,000 up to 1 year</td>
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<tr>
<td>Reach</td>
<td>Supports the dissemination of health research evidence</td>
<td>$15,000 up to 1 year</td>
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<tr>
<td>Implementation Science Teams</td>
<td>Supports teams to study methods and mechanisms that promote the integration of evidence into health policy and practice</td>
<td>up to $510,000 over 3 years</td>
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</tbody>
</table>

*Not currently offered. MSFHR partnering with CIHR’s Health System Impact Fellowships.
What is KT?

- 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 KT?

Knowledge translation (KT) activities aim to close the gap between research and implementation by improving the use of research evidence in practice, policy and further research.

KT addresses gaps between evidence and policy/practice

- **Without KT**: 17 years
- **With KT**: 3 years

Why is KT important?

• 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


How do we close the gap?

- Accessible dissemination strategies
- Engage with knowledge users prior to research
- Connect with other researchers
- Knowledge synthesis
- Think about all the end users
- Knowledge Brokers
- Multi-disciplinary research teams
- Use the media
World Café!

1) What kind of impact would you like your research to make?

2) What stands in the way of your research making an impact?

3) What more would you like to know?
What is KT Pathways?

KT Pathways is a digital training and assessment tool on the skills and knowledge required for to get evidence into practice.
A bit of background...

To support the use of research evidence, the Michael Smith Foundation for Health Research (MSFHR) brought together a working group to identify the competencies required for successful KT.
A bit of background...

This working group produced a protocol paper, a manuscript and a compilation of KT competencies which became the core of the KT Pathways.
The development of the digital version of KT Pathways was led by MSFHR in partnership with BC-based universities, health authorities, research institutes, the BC Ministry of Health, and the BC SUPPORT Unit.
How does KT Pathways work?

Cultivate competence in knowledge translation

An online self-assessment tool and resource guide to help you to identify and improve your KT skills and knowledge.

About KT Pathways

Take the KT Pathways Assessment

Create Account

Already a member?
Login
Make an account

Let's get started

Login to your account below or if you're new to KT Pathways, create your free account in just a few minutes.

Login  Register
Pick your pathway

Start by Choosing your Pathway

Choose one of the three KT Pathways. Having trouble knowing where you fit? Knowledge translation is complex and those who pursue it often take on multiple roles related to gathering and applying evidence.

Choose the Pathway that matches the tasks that are most pressing for you at this time. If you are engaged in tasks of both producing and applying knowledge, choose the brokering knowledge pathway.

Applying Knowledge
You want to use evidence to inform the decisions you make in your work. You could be providing care, educating others, making decisions about policy or practice. You could also be a journalist or working in other media settings.

Producing Knowledge
You want to gather, evaluate, synthesize, analyze and/or disseminate knowledge. You are likely engaged in some sort of research, evaluation, or quality improvement project.

Brokering Knowledge
You want to make gathered knowledge more accessible to those who can use it in their work. You are bridging the gaps between diverse groups of people who gather and apply knowledge. You might be called a knowledge broker, a clinical educator, or something else entirely.

How to use KT Pathways
Choose a bucket or Do the whole assessment
What are the buckets?

- Research to Action
- Bringing People Together
- Dissemination and Communication
- KT/Implementation Skills
Do the assessment

Research to Action

*Different types of knowledge*

- Can you describe different types of knowledge (e.g., research evidence, experiential, practice) that can contribute to decision-making?
Get your results

You are at an **Expert** level in Research to Action

<table>
<thead>
<tr>
<th>Expert (10)</th>
<th>–</th>
</tr>
</thead>
<tbody>
<tr>
<td>Different types of knowledge</td>
<td></td>
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<tr>
<td>Research methods for determinants of knowledge use</td>
<td></td>
</tr>
<tr>
<td>Assess quality of information (including knowledge synthesis) for stakeholders</td>
<td></td>
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<tr>
<td>Evaluating Knowledge to Action Gap</td>
<td></td>
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<tr>
<td>Diffusion of Innovation</td>
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<tr>
<td>Benefits of open access</td>
<td></td>
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<tr>
<td>Difference between research and evaluation</td>
<td></td>
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<tr>
<td>How knowledge for policy making is generated and difference btw knowledge and evidence</td>
<td></td>
</tr>
<tr>
<td>Clinical/management issues into research questions</td>
<td></td>
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<tr>
<td>Research to action</td>
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Receive learning resources

Resources

Already know what you're looking for? Use the search headings below to find resources to help you grow your KT skills. Not sure which resources will best suit your needs? The KT Pathways assessment will direct you to resources according to your results.

How to use KT Pathways

Create Account
Already a member?
Login

Resources for
Everyone

Resource Type
Any

Level of expertise
Any level

Category
All Categories

Would you like help understanding a particular resource?
Terminology
Makeover: KT Pathways Edition
Makeover: KT Pathways Edition

Research to Action
✓ Different types of knowledge
✓ Research methods for determining knowledge use
✓ Assess quality of information for stakeholders
   ○ Evaluating Knowledge-to-Action Gap
✓ Diffusion of innovation
Evaluating Knowledge-to-Action Gaps
Makeover: KT Pathways Edition

KT/Implementation Skills

- Do you know models and frameworks for practicing KT?
- Do you know the barriers and facilitators to implement evidence?
- Do you know the difference between end of grant and iKT approaches
- Can you apply concepts of cultural humility and safety?
Cultural Humility and Safety

Welcome!

Cultural safety is about fostering a climate where the unique history of Indigenous peoples is recognized and respected in order to provide appropriate care and services in an equitable and safe way, without discrimination.

This website includes information about the Sḵwx̱wú7mesh Úmík: Indigenous Cultural Safety Training Program delivered by the Provincial Health Services Authority of British Columbia. » Learn More About Us

Watch Overview Video Now
Makeover: KT Pathways Edition

Bringing People Together

- Facilitating participatory decision making
- Linking researchers with knowledge users
- Participate in knowledge networks
- Building partnerships
- Develop collaborative teams with clients/patients/providers to share knowledge
Learn about building partnerships
Makeover: KT Pathways Edition

Dissemination/Communications
- Describe communication strategies
- Package evidence in accessible ways
- Create a dissemination plan
- Communicate with the media
Communicating with media

Communicating your research to the media: a guide for researchers
Small bites, no gobble
How do you learn?

Visual

Auditory

Tactile
How you can use KT Pathways

• In goal setting
• To write your KT grant
• To prepare for a workshop
• As part of a journal club
• To understand the full complement of KT competencies
Thank you!

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