

Knowledge Mobilization for Research

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About Me

Professional Journey

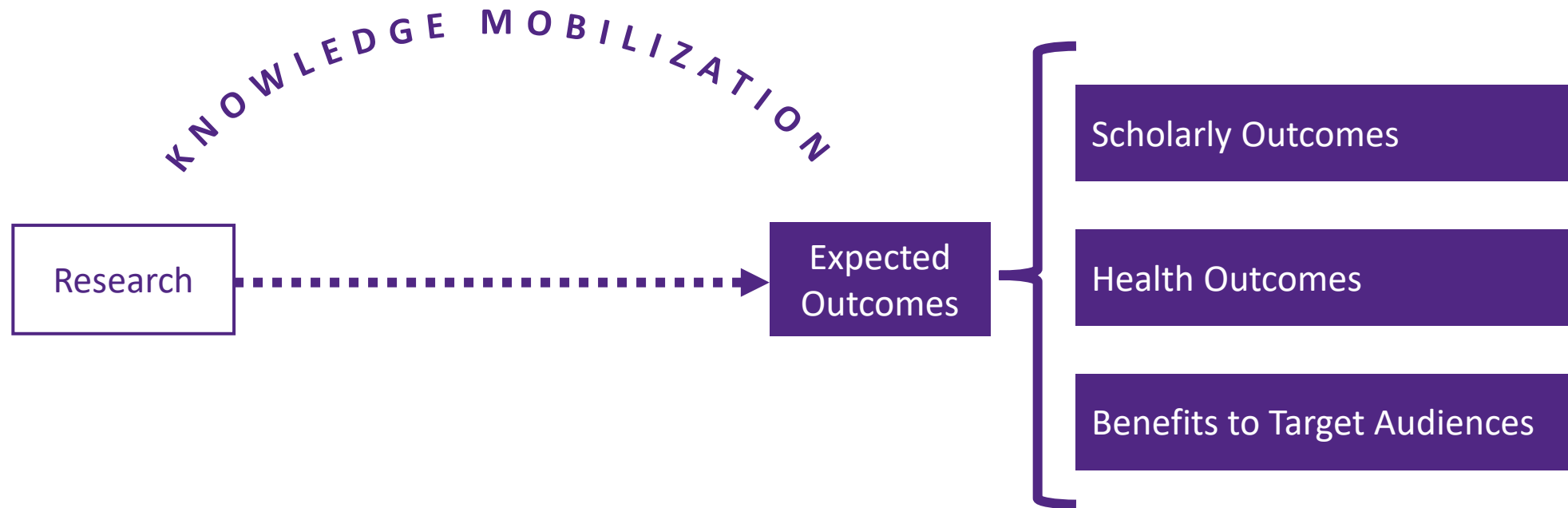
- Western alumni
- Schulich School of Medicine & Dentistry
- Diabetes CPGs author, Auditor General of Canada, Aboriginal Diabetes Initiative, BC Provincial Diabetes Strategy
- KTPC from UofT & SickKids
- Western Research
- Invisible contributions to grant applications

Research

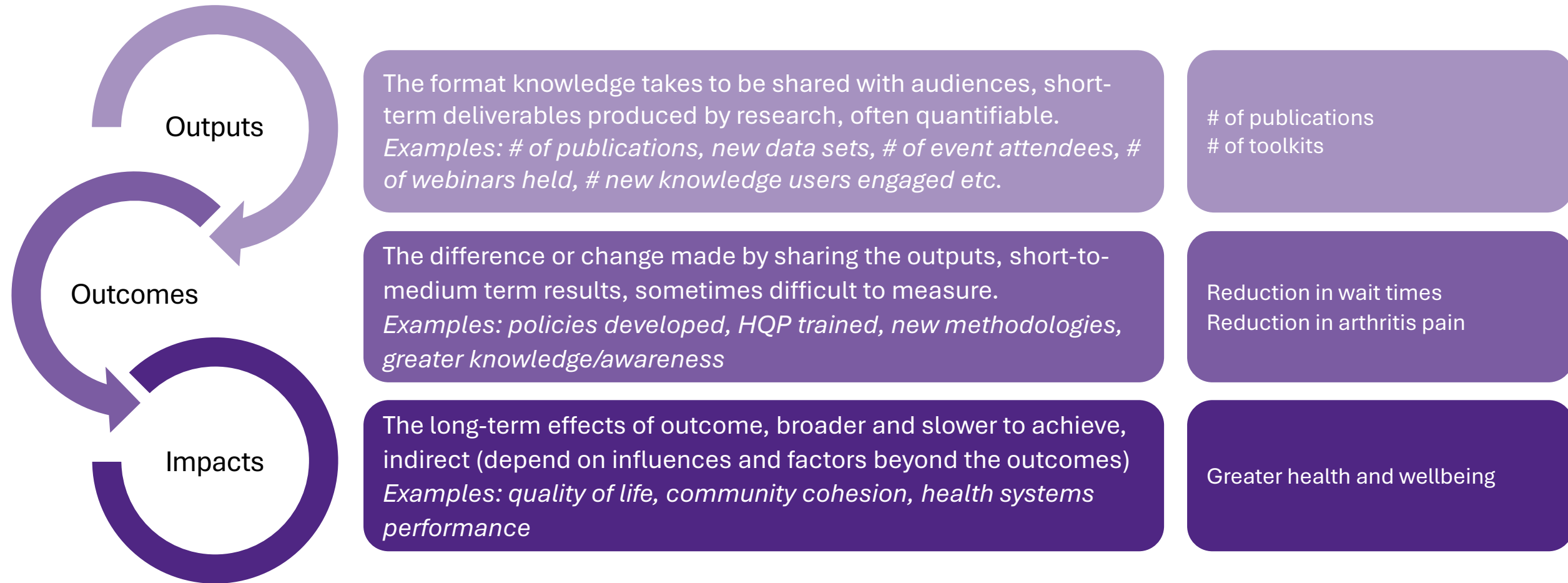
- Dimensions Review Committee
 - WinDEEE EDI Committee
- Open Educational Resources Committee
 - Western Heads East Management Committee
- Head & Heart Indigenous Research Advisory Committee
 - EDI Strategic Planning Committee
- EDI Central Working Group
 - WE-Empower Advisory Committee
- Undergraduate Summer Research Internship Committee

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Mobilizing for Impact



KMb: Outputs, Outcomes, Impacts





Knowledge mobilization

- Benefits within and/or beyond academia
- Stakeholder engagement
- Knowledge synthesis
- Dissemination
- Knowledge exchange
- Data in public domain
- Accessibility

Knowledge mobilization

- Collaborative and iterative process
- Co-production
- Inclusive and diverse
- Dissemination
- Ethically-sound application of knowledge
- Integrated KMb
- End-of-grant KMb
- Commercialization and innovation

Knowledge mobilization

- Knowledge users, receptors, partners – industry
- Student training
- Technology transfer
- Commercialization
- Benefits to Canada



- KMb plan
- Summary of proposal
- Expected outcomes/impacts
- Research team, previous output
- HQP/student training
- Budget & budget justification

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- Summary of proposal
- Most significant contributions
- Contributions from Supporting Organizations
- Commercialization, IP strategy
- Research team, team expertise
- Benefits to Canada/Anticipated outcomes
- HQP training
- Budget & budget justification
- Project governance

CIHR's Mandate

Create new knowledge and mobilize trusted knowledge into improved health, more effective health services and products, and strengthened Canadian health care systems

Focus on (according to CIHR Act):

- dissemination and application of health research to improve the health of Canadians
- collaborating with provinces and territories to advance research and promote its use
- commercialization of health research and promoting economic development through health research in Canada

CIHR New KMb Strategy

- Mobilizing Knowledge for Health, Societal and Economic Impacts: A Canadian Knowledge Mobilization Strategy and Action Plan – CIHR



Enhance

- Develop a curated repository of existing KM resources
- Develop resources for knowledge users such as plain language guides for leading or co-leading research and using evidence in decision-making



Transform

- Guide and require equal partnerships in co-production
- Expand suite of knowledge brokering offerings for F/P/T policy partners to support evidence-use (conditional on resources)



Invest

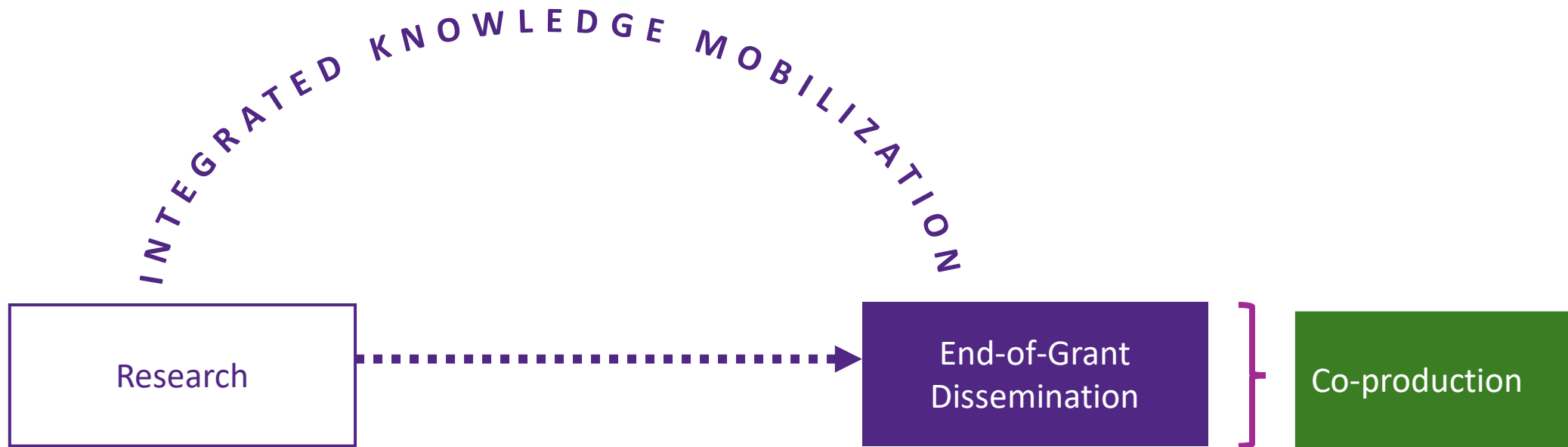
- **Partnering for Impact: Catalyst Grant**
- **Partnering for Impact: Partnerships for Health, Systems and Community Improvements**
- **Knowledge synthesis and evidence integration platform**
- Strategic KM investment coordination



Learn

- Revise research reporting approach to better capture KM impacts
- Establish a standing CIHR KM Advisory Committee





Evaluation Criteria - SSHRC

Challenge – Aim & Importance

Originality and expected contribution to knowledge
Lit review, theoretical framework/approach, methods
Quality of training and mentoring
Impact potential within and/or beyond SSHRC

Feasibility - Plan

Timeline and likelihood objectives will be met (including expertise, resources, and quality and appropriateness of KMb plan)

Capability – Expertise

Quality, quantity and significance of past experience (including outputs, stakeholders, HQP experience, and past KMb activities)

Evaluation Criteria - CIHR

Significance & Impact

Project idea and application of research findings
Project rationale
Overall goals and objectives
Anticipated project contributions

Feasibility

Approaches and methods (including SGBA+, timelines, risk and mitigation strategies)
Expertise, Experience, and Resources (including to deliver proposed outputs and achieve contributions)

Building your KMb plan

CIHR evaluates:

- Significance and impact
- Research relevance
- Knowledge-user engagement
- Feasibility of uptake and implementation
- Team expertise to deliver impact

Questions reviewers will ask:

- Who will use this knowledge?
- Why will they care?
- How will they be engaged?
- What changes could occur?

Evaluation Criteria - NSERC

Excellence of Researcher

Assessment based on past 6 years
Knowledge, expertise and experience
Quality and impact of contributions to natural sci and eng
Importance of contributions to researchers and end-users
Contribution towards the promotion of EDI

Merit of the Proposal

Originality and innovation (including expected contributions, objectives and methods, integrate HQP, EDID)

Training of HQP

Assessment is based on past and future plans for training (including training philosophy and plan, training environment, past training, EDID considerations)

Building your KMb plan

A strong plan:

- Sets knowledge mobilization goals that connect your research to the expected outcomes
- Identifies the audiences for each goal
- Proposes multiple outputs and strategies that are tailored to each audience
- Allocates appropriate expertise, HQP, resources, and budget
- Outlines a feasible timelines
- Embeds evaluation metrics to understand if goals are reached

Complies with Tri-Agency Policies on
Research Data Management and Open Access Publications

Building your KMb plan

Who are you trying to reach?

- Identify the knowledge users, stakeholders, next stage recipients
- Underscore importance by connecting research to KU demand/need

What findings will you share and in what form?

- Describe the outputs (e.g., products, events, media, commercial) tailored to each audience by considering format, accessibility, relevance

How will you reach your audience?

- Consider the resources/expertise needed to do this work
- Select KMb activities that align to each audience/KU
- Identify project-specific outcomes and build in strategies to measure

When will the KMb activities happen?

- Describe timelines for KMb and at what point in the research process
- Remember to integrated -> co-production -> dissemination

Why does this matter?

- Connect to expected outcomes and underscore the significance or “so what’ of your research.

Knowledge Users

Clinical

Physiotherapists
Occupational therapists
Orthopedic surgeons
Rheumatologists
Chiropractors

Community

Patients
Caregivers
Arthritis societies
Sport organizations

Policy

Provincial ministries
Public health agencies

Health Systems

Hospital leaders
Rehabilitation programs
Healthcare administrators

Building your KMb plan

- Outline resource requirements needed to complete the plan (human resources, supplies/technology, overall budget)
 - Estimate number of hours to complete knowledge mobilization work
 - Estimate cost of contracts for specialized work/products
- Perform a risk analysis
 - Identify potential financial, strategic, performance risks that may occur
 - Develop strategy to mitigate or avoid these risks

Building your KMb plan

- Support plan with field-specific research in Knowledge Translation/Knowledge Mobilization/Implementation Science
 - Identify journals/communities of practice/conferences specific to knowledge mobilization in the field
 - Apply evidence-based practices to plans
- Incorporate EDI-D principles within plan
 - Describe relevant EDI-D principles
 - Explain how knowledge mobilization plan will advance EDI-D goals

Building your KMb plan

- Convey passion for, and commitment to, achieving research impact
 - Promote research broader vision and mission throughout the plan
 - Demonstrate understanding of next users, beneficiaries, and public knowledge and needs

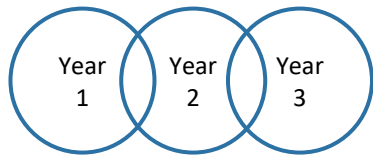
Building your KMb Plan



By KMb goal



By audience or knowledge user



By project year

Strong applications weave KMb throughout the application.

Application section	KMb Considerations
Summary of proposal	• Emphasize outcomes and potential impact ('so what?') • Highlight co-creation and collaboration (if applicable)
Detailed description	• Describe KMb approach and methodology described (eg., co-creation) • Detail involvement of collaborators, partners, knowledge users • Include KMb activities in project timeline • Outputs described, outcomes and impact reiterated
Expected outcomes	• Ensure each outcome listed has corresponding KMb strategies
Research team, previous output and student training	• Involve HQP in KMb activities and provide opportunities for KMb training and/or new skills/experience • Describe the team's roles, responsibilities, and expertise for KMb
Budget & Budget justification	• Allocate sufficient funds for KMb activities and expenses • Follow university, faculty, and grant requirements for hiring, contracting, and eligible expenses
Research contributions	• Connect contributions (outputs) to broader impacts and outcomes • Establish track record of KMb activities and successes

Get additional support

Western Research Resources:

- [Knowledge Mobilization and Research Impact - Western Research - Western University](#)
- [Grants Repository - Western Research - Western University](#)

Other Resources:

- [Research and Scholarly Communication - Western Libraries - Western University](#)
- [Home - Research Impact Canada](#)