Embedding EDI in Knowledge Mobilization, Knowledge Translation, and Data Management

Presentation by Leela Viswanathan, PhD
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Learning Outcomes

Listen

to a presentation highlighting key components and questions for researchers re: how to incorporate EDI in knowledge mobilization, translation, and data management plans.

Network

with colleagues to exchange knowledge about their approaches to incorporating EDI in knowledge mobilization (KM), knowledge translation (KT), and research data management (DM) plans.

Explore

actions to begin to implement or further enhance approaches to incorporating EDI in KM, KT and DM

Engage

in a short discussion period with fellow participants and webinar facilitators to integrate learning.
Poll #1

Who are the main audiences or end-users of your research?

1. Academic researchers
2. Practitioners/Non-academics
3. Civil society organizations (e.g., NGOs, community-based, etc.)
4. Indigenous communities or group(s)
5. Other*

*If "Other", please describe in the Chat
Knowledge Mobilization

Knowledge mobilization includes all the activities and products that build awareness of your research and that benefit relevant and diverse audiences in different ways.

Mobilization involves research distribution and accessibility.
What strategies help you to translate the knowledge generated from your research for diverse audiences?

Share your answers in the chat!
Knowledge Translation

Consider the different strategies that will help you to translate the knowledge generated from your research for intended audiences.

Knowledge translation is also about the impact of your research on diverse audiences, including your research partners (i.e., research with vs. research for).
Difference between Knowledge Mobilization and Knowledge Translation

Knowledge Mobilization (KM) answers:
- Which audiences am I reaching out to, and connecting with, in an accessible and meaningful way?

Knowledge Translation (KT) answers:
- How and when will I get my research message to different audiences and in different ways?
- How do I evaluate my research for impact?
Who possesses or owns the content or products of your research?

Share your answers in the Chat!
Managing your research data using an EDI lens encourages you to consider factors, including:

- Ownership of the research products.
- Storage location of data and products.
- Accessibility and usage of research data and products during the research process and afterward.
Data Management and EDI

Data management in your research project involves recognizing power differentials and cultural norms, inside and outside of academia, and among diverse research partners.

Doing research with, as opposed to for, an audience, also requires carefully managing data from the start of the research, not simply after research results are generated.
Planning Ahead is the Key

Create a Knowledge Mobilization (KM) and a Knowledge Translation (KT) Plan, each that embeds EDI principles.

A Data Management Plan (DMP) for research will soon be required by the Tri-Agency (as early as 2023).

Aligning your DMP with your KM plan and KT plan will assist in embedding EDI at the start of your research design and extended into your research practice.

Give yourself the time to put all the pieces into place
Why embed equity, diversity, and inclusion principles in how you share and manage your research data and research products?

Share your reasons in the Chat.
A few reasons for embedding EDI in knowledge mobilization, knowledge translation, and research data management

Research Ethics and Accountability

- Multiple audiences for research.
- Engagement with research participants rather than simply the recipients of research.
- Consideration of REB; HSREB; OCAP (plus additional Indigenous community-driven) principles about ownership, control, access and possession; etc.

Research Access and Accessibility

- Research formats and Open Access.

Research Impact

- Why research matters not simply to researchers themselves, but to the beneficiaries, including: end users, academic communities, practitioners, and the public.
Embedding EDI in Plans for Knowledge Mobilization, Knowledge Translation, and Data Management

Outline

- Developing a Knowledge Mobilization Plan that Embeds EDI
- Developing a Knowledge Translation Plan that Embeds EDI
- Data Management Planning and EDI
Developing a Knowledge Mobilization Plan that Embeds EDI
4 Rs to Developing a Knowledge Mobilization Plan that Embeds EDI

• Reach
• Relevance
• Relationships
• Results
Embedding EDI in your Knowledge Mobilization Plan

Reach

Are you connecting with the people, organizations, scientific communities, needed to enhance the impact of your research?

Are there groups who could benefit from your research, and who have been historically excluded from academic research, beyond being research subjects?

Do you have long-standing relationships with your audience(s)?
Embedding EDI in your Knowledge Mobilization Plan

Relevance

How will your research be used and for what purpose?

Did you consider including your audiences / partners / stakeholders as partners in the research design at the onset of your research?

What is the story behind your research? How did everyone involved come together?
Embedding EDI in your Knowledge Mobilization Plan

Relationships

Who is involved in your research and how do you sustain the relationship?

How do your research partners contribute to inputs and outputs of the research (e.g., co-authorship, co-creation)?

Results

How will your research be used and for what purpose?

How is your research making a difference for your field (i.e., what is the contribution to equity and inclusion)?
Developing a Knowledge Translation Plan and Evaluating for Impact
What are some of the systemic challenges of embedding EDI in Knowledge Mobilization and Knowledge Translation Plans?

Share your answers in the chat!
Systemic challenges of embedding EDI in KM and KT Plans

Academic institutional bias and priority placed on academic peer reviewed publications.

Pressure on Early Career Researchers (ECRs) to publish in peer-reviewed publications and academic resistance to prioritizing community-engaged venues for research.

Renewal, Tenure, and Promotion criteria are not always in line with funders, because the culture of research is context-specific.
Systemic challenges of embedding EDI in KM and KT Plans

Inclusion demands multiple products, events, sources for outputs, and networks to translate research for non-academic audiences.
Poll #2

How do you most frequently share and distribute your research?

1. Peer-reviewed articles
2. Visual & interactive (e.g., digital storytelling, art exhibits, performances)
3. Conference presentations and organizing symposia
4. Community-based events (that include research partners/end users)
5. Other*

*If other, please describe in the Chat
Embedding EDI in your Knowledge Translation Plan

Getting your research to your audience

- Keep the needs of your different audiences in mind.
- Do you need more than one strategy to reach a diverse audience?
- Will some of your audience members be included as research collaborators while the research is produced and when it is ready to be distributed more widely?
- Accessible formats?
- Open Access?

Reach out to the Scholarly Publications Librarian at QUL!
Creating Accessible Events for Sharing and Exchanging Research

- Are you including alternative formats to conventional conference panels?

- Have you reviewed the costs for registration to ease access, and the scheduling of the event for conflicts with cultural events and religious dates.

- Will your research provide the foundation for establishing new networks online and in person?

Visit the Queen's Accessibility Hub for guidelines on accessible events and training on accessible event planning.
Budget Items

Link your budget for knowledge mobilization and knowledge translation to the resources needed:

- people, travel, and technology;
- publication fees;
- language translation;
- sign language interpretation;
- honoraria for Indigenous Elders and community researchers.

Consider Procurement Protocols:
- Are you purchasing goods from suppliers who are from equity-deserving groups?
- See new Queen's Social Procurement guidelines.
Evaluating Research for Impact

Some options:

Reach: Counting how many...
- places your research findings were published?
- requests you received for interviews or information from media?
- hits to your website?

Usefulness of Research
- How do you know your audience received the knowledge and is using it?
- How do you know you achieved your goals of changing a point of view or creating an effective new policy?
- How do you research new audiences that enhanced the diversity or recipients of your research?

How have your research relationships benefited qualitatively and quantitatively?
Data Management Planning (DMP) for Research
Managing Your Data and Research Findings

- Queen's Research Data Management Institutional Strategy;
- Tri-Agency Research Data Management Policy;
- Indigenous research principles and protocols: e.g., TCPS2-Chapter 9 and OCAP, among others;
- Tri-Agency Open Access Policy on Publications;
- Tri-Agency Statement of Principles on Data Management.

See PDF handout for links to these and other resources.
Managing Your Data and Research Findings

Queen’s University Library provides Research Data Management Services.

For more information, or to deposit your research data, contact an Open Scholarship Services specialist at open.scholarship.services@queensu.ca.
Data Management Planning for Your Research

The Queen's Library Recommends:

Portage DMP Assistant

https://portagenetwork.ca/

The Portage Network has developed the DMP Assistant, an online tool designed to help Canadian academic researchers develop and implement research data management plans.
Tri-Agency will require DMPs during Pilot Phase starting with the following programs:

CIHR
- Network Grants in Skin Health and Muscular Dystrophy
- Data Science for Equity
- Virtual Care/Digital Health Team Grants

NSERC
- Subatomic Physics Discovery Grants (Individual and Project)

SSHRC
- Partnership Grants Phase 2 (2023)

The Full applications for most of these will not be due until 2023.
Refer to your handout / resource list for additional tips.
  • See table that connects the Seven Components of the Research Data Management Plan to EDI Principles

Go Step-By-Step and Plan Ahead.
  • Link your KM plan, KT plan, and DM plan together, threading EDI principles through your research project.
Introduce yourselves to each other.

What are the key challenges that you face in embedding EDI into your:
- knowledge mobilization practices
- knowledge translation practices
- data management practices

What is the first step that you plan to take to embed EDI into your research practice, overall?

Time for Breakout Groups!

- Introduce yourselves to each other.
- Take the next 20 mins to network and discuss the following:
  - What are the key challenges that you face in embedding EDI into your:
    - knowledge mobilization practices
    - knowledge translation practices
    - data management practices
  - What is the first step that you plan to take to embed EDI into your research practice, overall?

See the PDF in the chat for more resources!