

Responding to the Rising Tide with Canadian Knowledge Translation





Why

Responding to the rising tide of dementia

Context

The culture and context of Canadian Knowledge Translation

How

CDKTN setting the stage for Knowledge Translation development



Rising Tide: **The Impact of Dementia** **on Canadian Society**

A study commissioned by the Alzheimer Society


Dementia in Canada

500,000 Canadians

71,000+ under the
age of 65

72% woman



A photograph showing the lower bodies and hands of two people. On the left, a person wears a light pink sweater and dark brown trousers. On the right, a person wears a light blue shirt and dark navy trousers. Their hands are clasped together in the center. The background is a soft-focus outdoor scene with green grass and a light blue sky.

Dementia in Canada

The number of
new cases in
2038 is expected
to be **2.5** times
that for 2008

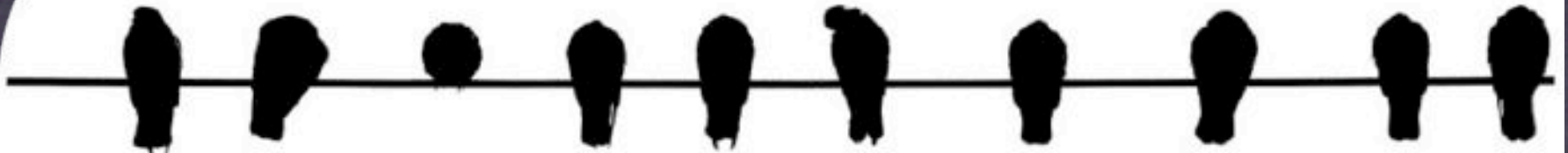
Dementia in Canada

NOW




one new case every 5 minutes

WITHIN A GENERATION



one new case every 2 minutes





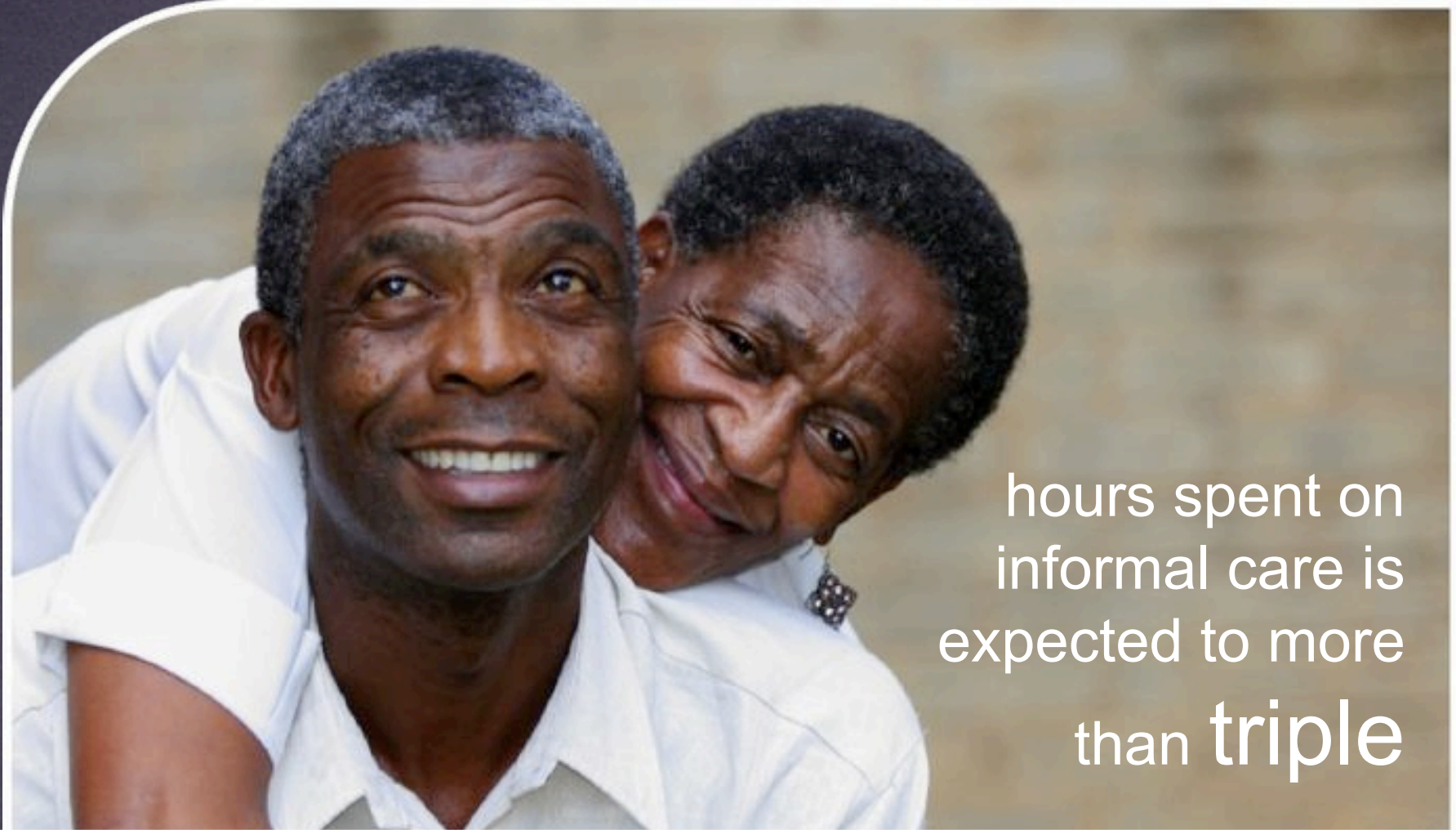
The ripple effect of dementia



Family is the cornerstone of care, but their need for support is often overlooked

40% to 75% caregivers experience psychological problems

Prevalence of clinical depression among caregivers is 15 to 32%



hours spent on
informal care is
expected to more
than triple

Now
Within a Generation

231 million hours

756 million hours

The time Canadians will be providing in informal care

Annual Economic Burden

Within one generation **\$15 billion to \$153 billion**



Monetary economic burden to reach approximately **\$97 billion**


Opportunity costs of informal caregivers add a further **\$56 billion**

A photograph of a coastal landscape. In the foreground, there is a rocky beach with large, light-colored, layered rocks. Patches of green seaweed are scattered among the rocks. In the middle ground, the ocean is a deep blue, meeting a rocky shore. In the background, a steep, rocky cliff rises from the water's edge, topped with a line of green trees. The sky is a clear, bright blue with a few wispy clouds. The entire image is framed by a dark grey border with rounded corners.

Recommendations for Action How to stem the tide



A clear recognition of the
important role played by
informal caregivers

A low-angle, close-up photograph of a person's legs and feet as they run on a lush green lawn. The person is wearing black leggings and white athletic shoes with pink and blue accents. The background is a soft-focus green field with trees in the distance. The image is framed by a dark blue border with rounded corners.

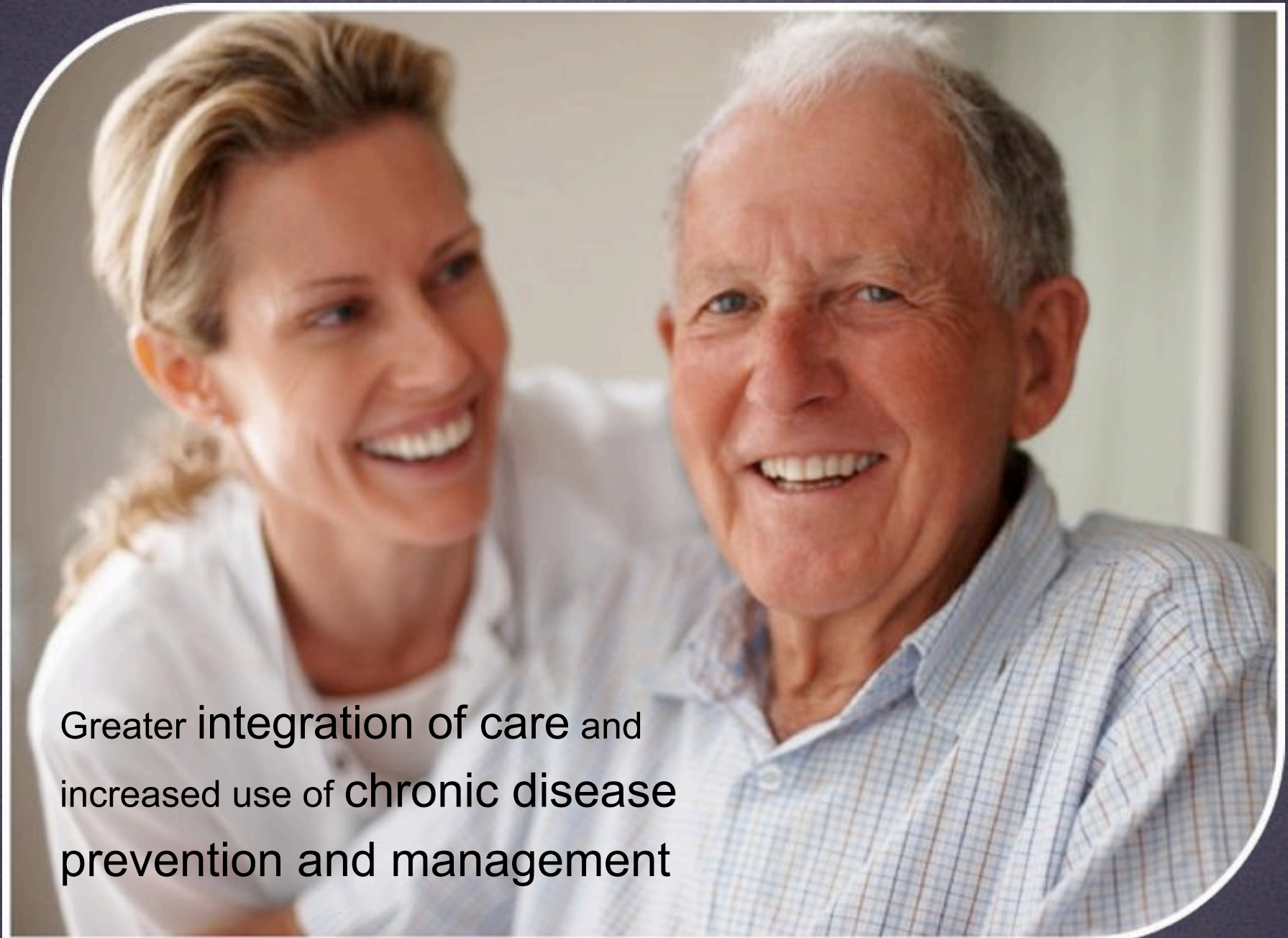
An increased recognition of the
importance of prevention
and early intervention



18th Century Health Care
in the 21st Century

An accelerated investment in all
areas of dementia research





Greater integration of care and
increased use of chronic disease
prevention and management

A strengthening of Canada's dementia workforce

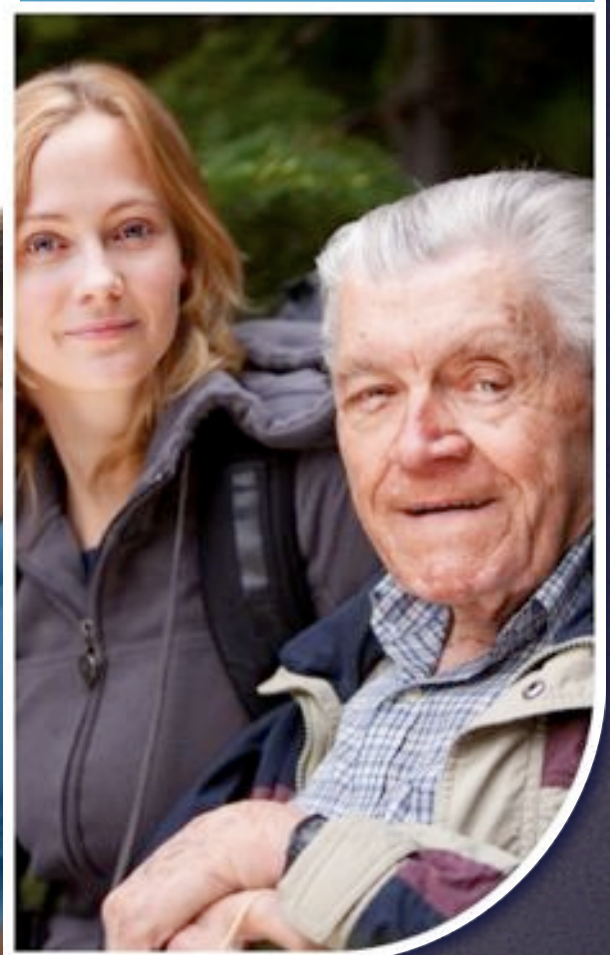




How Do We Get There?

Knowledge Translation in Canada

Canadian Dementia Knowledge Translation Network (CDKTN)



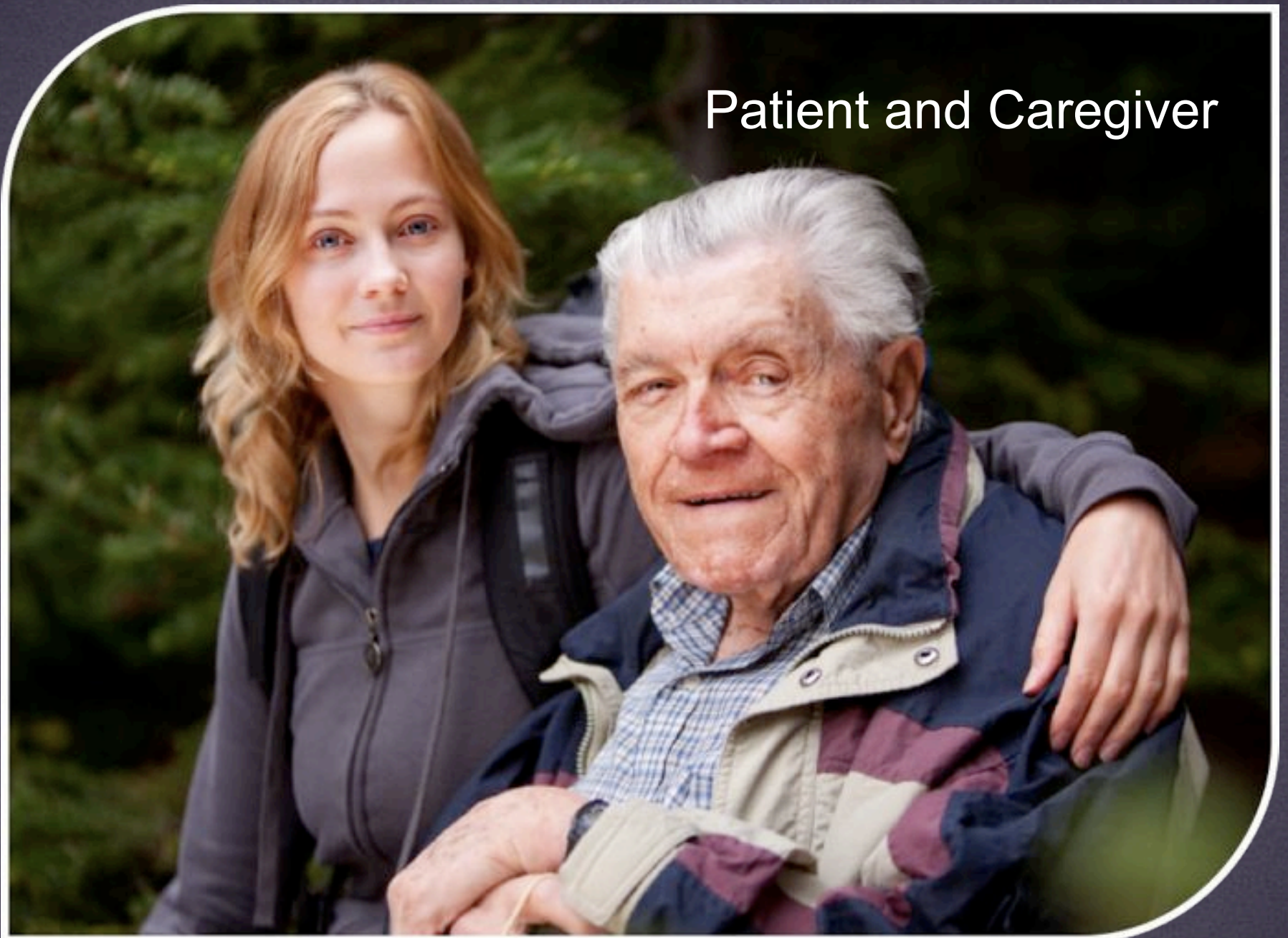
Education and Training




Knowledge Exchange




Patient and Caregiver



An aerial photograph of a river system. The river flows from the top right towards the bottom left. In the center, there is a prominent meandering section with several tight loops. The surrounding landscape is a mix of light and dark patches, suggesting different types of terrain or vegetation. The image is framed by a dark border with rounded corners.

Working in the **white space**



The CDKTN will contribute to the **transformation**
of the health system by:

*Building Capacity
Fostering Innovation
Ensuring Continuous Quality Improvement*

Video Clip: Food Inc. Dir. Robert Kenner. Writ. Robert Kenner, Elise Pearlstein, Kim Roberts. Perfs. Gary Hirshberg, Michael Pollan, Troy Roush, Joel Salatin, Eric Schlosser. 2008. DVD. Magnolia Home Entertainment, 2009.



“Here is Edward Bear, coming downstairs now, bump, bump, bump, on the back of his head, behind Christopher Robin. It is, as far as he knows, the only way of coming downstairs, but sometimes he feels that there really is another way, if only he could stop bumping for a moment and think of it”

Quality Improvement

Performance Improvement

Networking

Knowledge Exchange Platforms

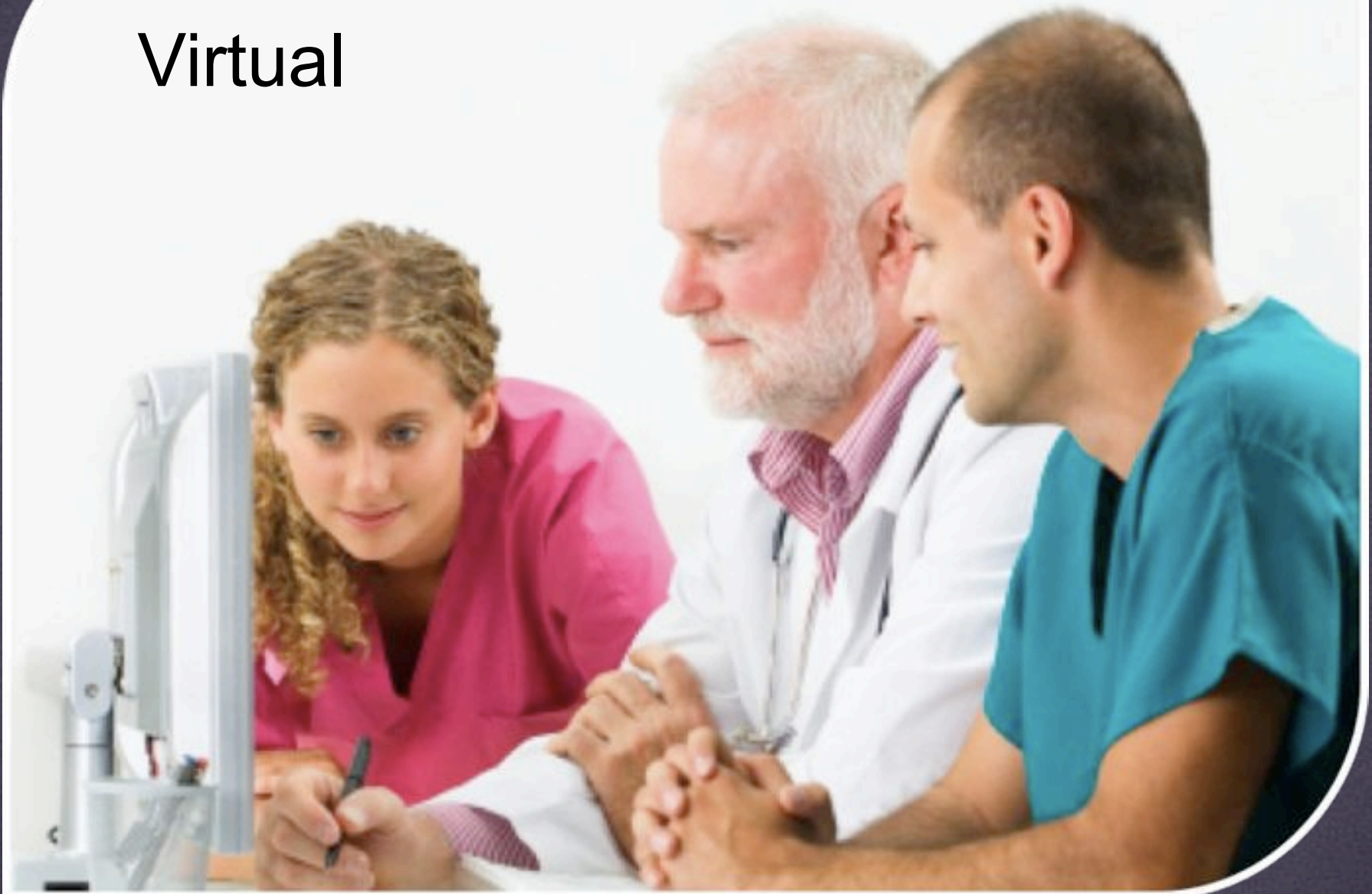
Knowledge Brokering



In-person



Virtual



Communities of Practice



Knowledge Brokering in Canada



CANADIAN KNOWLEDGE BROKERING core competency framework



Knowledge Brokering in Canada

The Canadian Knowledge Translation Network (CKTN) is pleased to present the second draft of the Canadian Knowledge Brokering Core Competency Framework. The development of this framework represents an important step in the evolution of knowledge brokering in the Canadian health care system. In the health sector, knowledge brokering has emerged over the last decade as a strategy to facilitate the flow of knowledge and expertise to improve practice and policy. Despite the relative "newness" of the knowledge brokering and application of knowledge brokering concepts has led to a need for an emerging consensus on core competencies associated with the role.

This draft core competency framework presents the comprehensive expertise of the knowledge brokering domain.

Identified and developed through extensive research and consultation, and contributed to by knowledge translators, practitioners and academics, initiation of these competencies will commence in the spring of 2020.

The competencies and validation tools will define the description of knowledge brokering and potential impact, and will allow organizations to replicate the success of others currently operating the knowledge brokering strategy.

CKTN welcomes feedback to help inform future iterations of the Canadian Knowledge Brokering Core Competency Framework. Please forward feedback to: Megan Harris, CKTN Research, aHR@canadianknowledge.ca • 416-975-8945, 724.

Version 001 | Last updated: March 11, 2019

Copyright of this publication may be reproduced in whole or in part provided the intended use is for non-commercial purposes and full acknowledgement is given to the Canadian Knowledge Translation Network, including the authors of this report: Megan Harris and Elizabeth Lusk. Please reference as follows:

Harris M and Lusk E. Knowledge Brokering in the Canadian Mental Health and Dementia Health Care System. Canadian Knowledge Brokering Core Competency Framework. Canadian Knowledge Translation Network, Canada, 2019.

Acknowledgements

Several knowledgeable provincial / territorial and national stakeholders participated in the development of this draft document, and will continue to be engaged throughout subsequent validation and revision. In particular, we would like to acknowledge the lived experiences of several knowledge brokers and other knowledge professionals whose insights in the early stages of this draft of these core competencies (in alphabetical order by last name):

- Marlene Barakat, The Hospital for Sick Children, University of Toronto
- B Lynn Barthe, University of British Columbia
- Sarah Clark, Knowledge Broker, Alzheimer Knowledge Exchange
- Marlene Dickson, McMaster University
- Leslie Edrington, Knowledge Exchange Associate, Ideas For Health, Uniscot
- Beverly Fokien, University of Western Ontario, University of Alberta (alt)
- Robin Hunt, Knowledge Broker, Seniors Health Research Transfer Hub
- Terry Knapik, Knowledge Broker, Seniors Health Research Transfer Hub
- Paula Robinson, Knowledge Broker, Health Evidence, McMaster University
- J. Russell Lusk, Co-Director, Centre for Aging and Health, Providence
- Jennifer Whappard, Knowledge Broker, Seniors Health Research Transfer
- Jacqueline Telford, Knowledge Translation, Canadian Institutes for Health

knowledge brokering in practice.

Within the context of our current health care system infrastructure, knowledge brokering activities cross five domains. A Knowledge Broker, or a professional who brokers knowledge as a function of their role, may work within one domain or across several domains.

The domains are as follows:

research project-based	Knowledge brokering that supports the impact of individual or collaborative research and education projects on policy and practice.
network-based	Knowledge brokering that facilitates knowledge sharing, use and reuse across local, regional, provincial / territorial, national, international networks (virtual or face-to-face).
field / program-based	Knowledge brokering within the context of a specific program or organization to enhance the integration of quality knowledge (research-based or experiential) to support evidence-informed decision-making across disciplines, settings, and between knowledge users and producers.
topic / issue-based	Knowledge brokering that facilitates a coordinated response amongst researchers, policy makers, and care providers to identify health care issues.
organization-based	Knowledge brokering that facilitates the advancement of practice across a specific organization, or segment of an organization.

Version 001 | Last updated: March 11, 2019

Definitions

knowledge

For the purposes of this document, unless otherwise stated, the term "knowledge" refers to research-based knowledge, practice-based knowledge, and the knowledge based on the lived experience of the person going or learning task.

knowledge translation

Knowledge translation (KT) is the exchange, synthesis and ultimately shared application of knowledge within a complex system of interactions among researchers and users. It is to enhance the uptake of the benefits of research for Canadians through improved health, more effective services and products, and a strengthened health care system (1). For the purposes of this document, we will refer to knowledge translation with the understanding that the term includes knowledge exchange and is sometimes referred synonymously as knowledge transfer.

Knowledge broker

Introduction

A shift from moving evidence (into practice) to solving problems is due (2). Our health care system places high demands on health care workers, over-burdening people with the task of keeping current while concurrently maintaining the highest standards for providing quality care. One mechanism to ease the individual burden of keeping current, and distribute the "load", is knowledge brokering.

The role of the Knowledge Broker (KB) or expert is one of the key in the system where the primary function is to help people across the continuum of care. The key feature of knowledge brokering is opening up the lines of communication and connecting people, allowing them the opportunity to build good working relationships and facilitate exchanging time, knowledge and information (3).

This approach to knowledge brokering in the mental health and dementia sector transcends all health issues. The knowledge, skills and attitudes associated with knowledge professionals formally referred to as Knowledge Brokers, and other professionals engaging in knowledge brokering as a function of their role, are what enable us to see new opportunities, in identifying

possible to bring together all other than to work along to implement change translation.

Knowledge brokers will then use within the field to not only guide but also a communication to lead KT facilitators. It is hoped that these knowledge brokering is a theory-informed and is shared only. This will experience, and brokering of this only.

Knowledge Brokering Core Competencies

Exchange:

What is one of your information needs?

What is it?

Why is it?

What would it help you to do?

Brokering:

Where might you find that information?

Where is it?

How do you access it?

Who can help?

Reflection:

**How was the experience of focused time
for sharing?**

What could improve these exchanges?

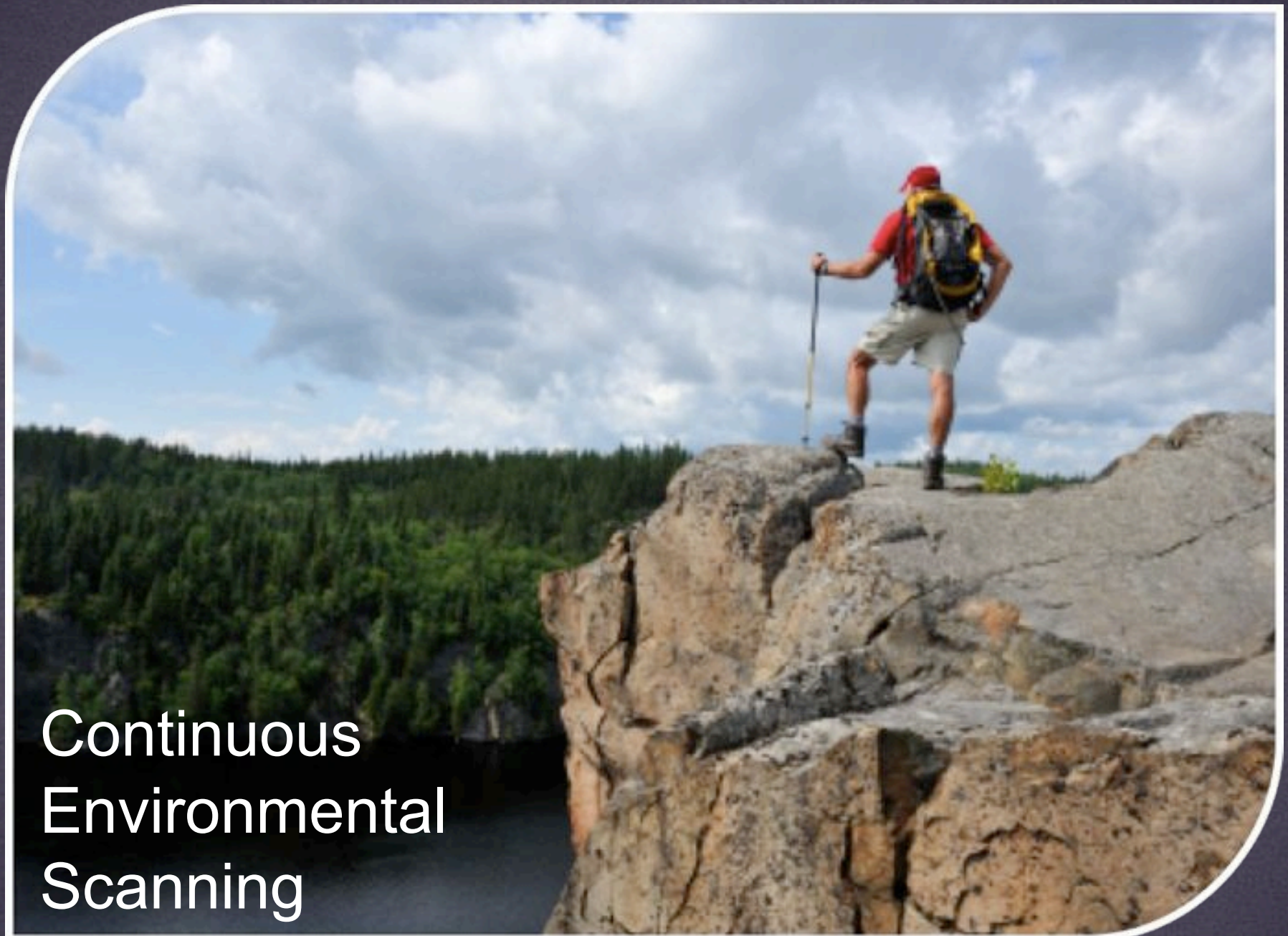
Now what?

Promoting Action on Research Implementation in
Health Services (PARiHS Framework)

Knowledge Transfer and Exchange Cycle

Knowledge to Action Process / Framework

Network Theory



Continuous
Environmental
Scanning



Dementia Online Footprint

Video Clip: Ghost Town. Dir. David Koepp. Writ. David Koepp,
John Kamps. Perfs. Ricky Gervais, Greg Kinnear, Téa Leoni.
2008. DVD. DreamWorks Home Entertainment, 2008.

Connect with us:

Megan Harris: harris@gestaltcollective.com

Elizabeth Lusk: lusk@gestaltcollective.com

Sarah Clark: clark@dementiaknowledgebroker.ca

Ken LeClair: leclairk@providencecare.ca

Neil Chahal: neil.chahal@ubc.ca

Reference

Harris M, Lusk E, Clark S, LeClair K, Chahal N. (2010, September 14). Responding to the Rising Tide with Canadian Knowledge Translation. Presentation at the 7th Joanna Briggs International Colloquium 2010, Chicago, US. This work is licensed under the Creative Commons Attribution-Noncommercial-Share Alike 2.5 Canada License. To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc-sa/2.5/ca/>

