



MICHAEL SMITH FOUNDATION
FOR HEALTH RESEARCH

BC's health research funding agency

How to scale up and sustain assistive technologies by leveraging policy partnerships

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KISSS-AT
IST-Project Grant

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About Us



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Overview

- Background
- What is KISSS-AT?
- Participatory approaches
- The NASSS Framework
- Policy impacts through partnerships
- Q&A



Background: Health System Priorities in BC



Sustainability of the health system is a challenge:

- We have an aging population
- There has been a rise in technology
- Autonomy and independence impact health



BC has five health system priority areas:

1. Enhance access to effective primary care
2. **Services for seniors with complex medical conditions**
3. Mental health/substance use care
4. Services for patients needing surgery
5. Rural and remote health care services

What is KISSS-AT?

*Knowledge Implementation for **S**cale-up, **S**pread, and **S**ustainability of **A**ssistive **T**echnologies*

- **Project Information**

- Sponsor: Michael Smith Foundation for Health Research
- Award: Implementation Science Team (IST)– Project Grant
- Duration: 3-years
- Purpose of IST: To support teams of researchers, research users, and decision-makers within the **BC health system** to study the implementation of health-related interventions

What is KISSS-AT?

Project Objectives



To **contribute to the body of knowledge** on effective implementation science approaches for assistive technologies developed for older adults



To provide the provincial health care system with **an effective framework and associated tools** for innovative technology assessment

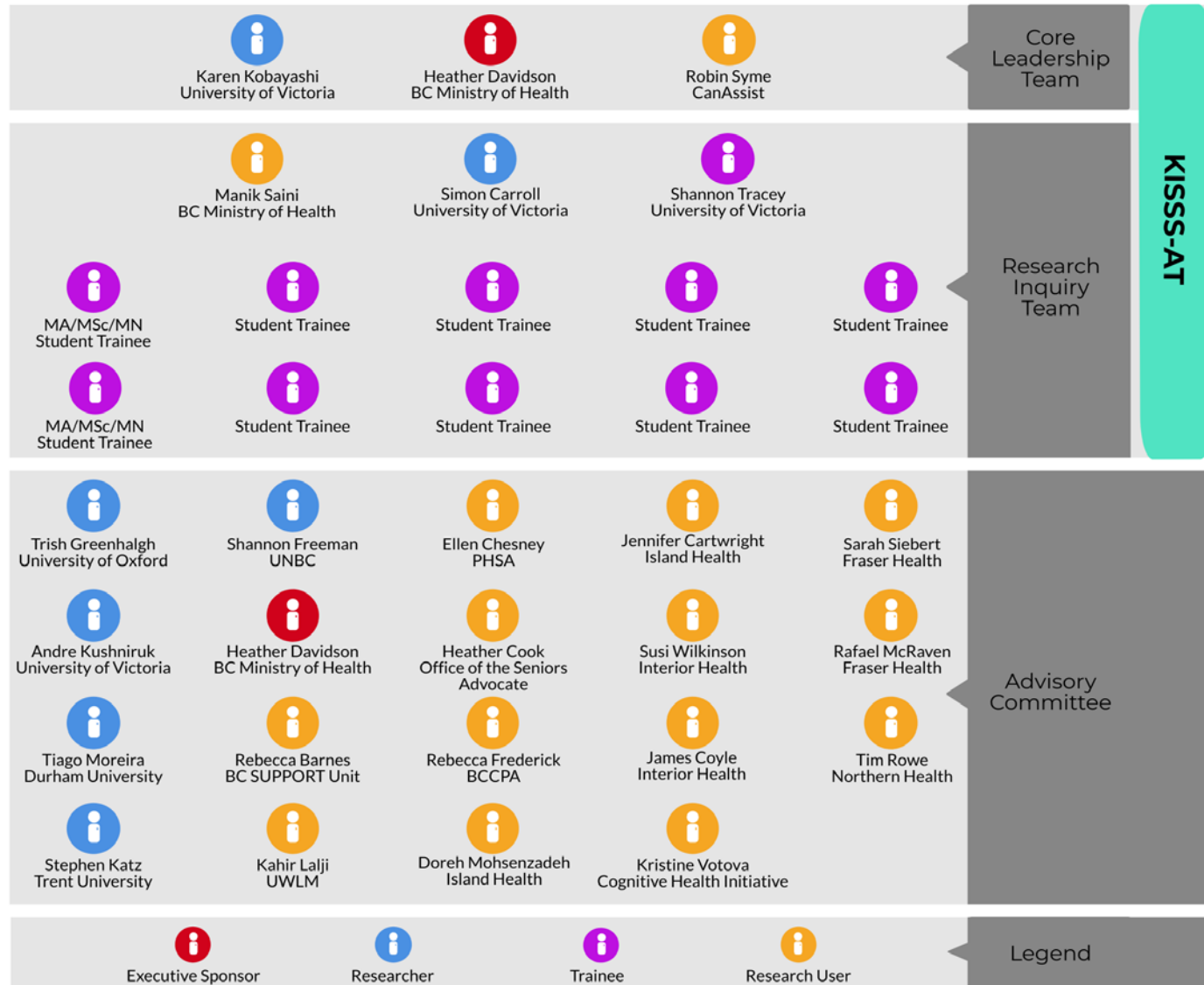


To improve the **equitable uptake, spread and sustainability** of assistive technologies in BC



To develop and sustain **effective and meaningful partnerships**

KISSS-AT Governance Structure





Participatory Approaches

Linking CanAssist & KISSS-AT

Participatory Approaches

- The KISSS-AT Project is influenced by two traditions of participatory research:



Collaborative Action Research/Co-operative Inquiry
(*Hills & Carroll; Reason & Heron*)



Computer Supported Cooperative
Work/Ethnomethodology/Participatory Co-Design



Collaborative Action Research

- Collaborative action research is a collaboration between community groups, practitioners, policymakers and researchers for the purpose of creating new knowledge or understanding about a practical community/stakeholder issue in order to bring about change.
- The issue is generated by the community/stakeholders and community members/stakeholders participate in all aspects of the research process.



Action Research Teams (ARTs)



Technology 1

Technology 2

Technology 3

Technology 4

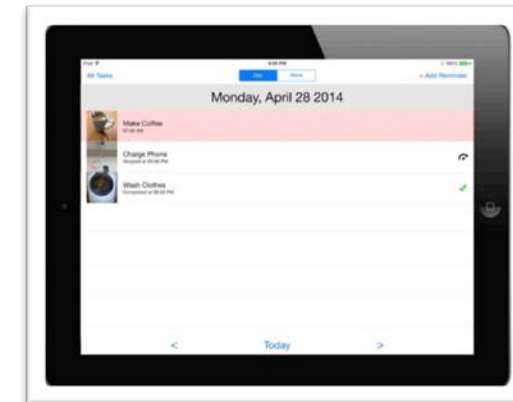
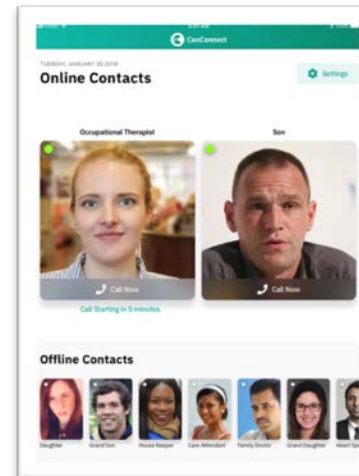


Hitch Lift

Caregiver Intercom

CanConnect

CanPlan





NASSS Framework

Developed by Trish Greenhalgh & Colleagues

Non-Adoption

Abandonment

Scale-up

Spread

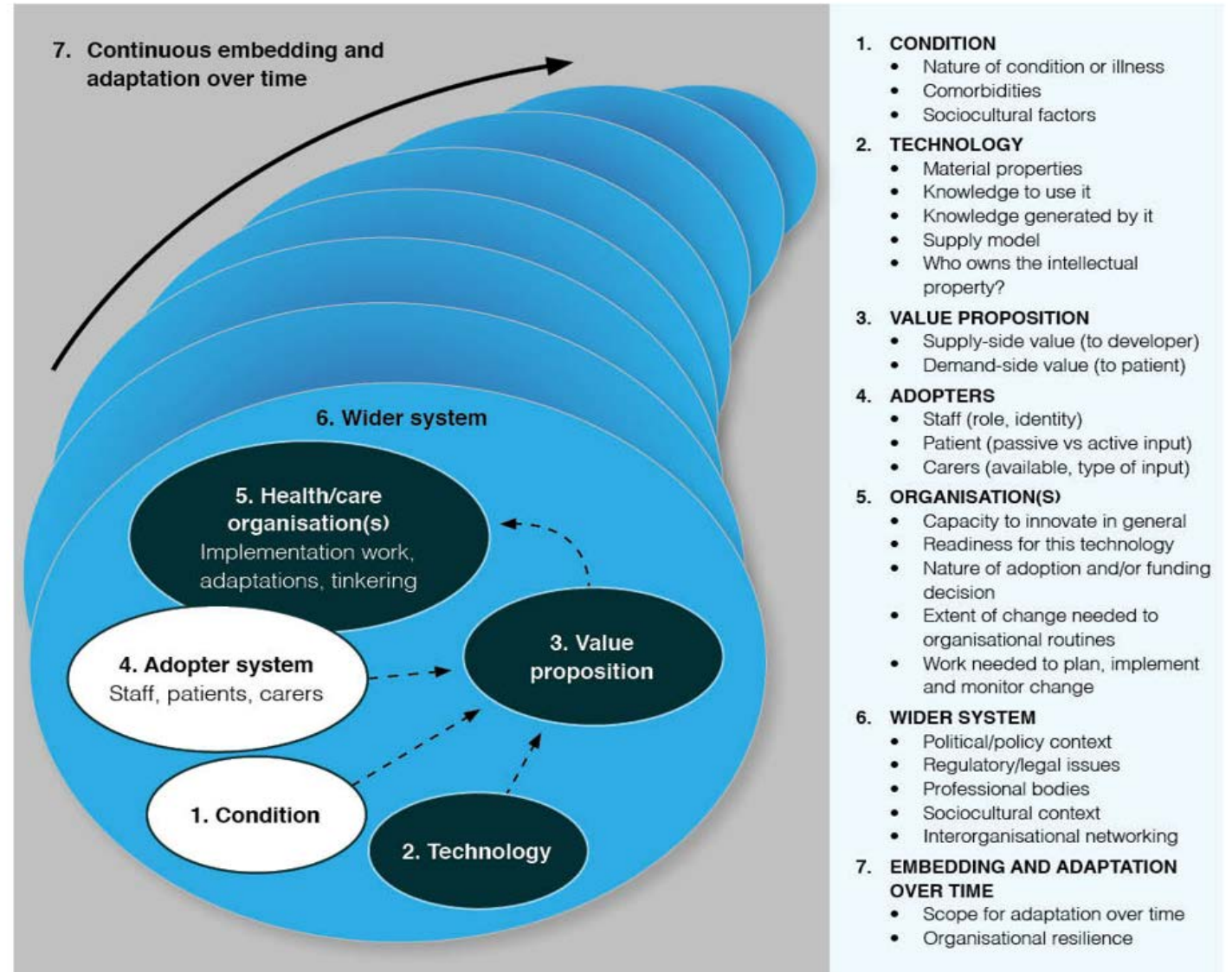
Sustainability

NASSS Framework

Purpose:

To predict and evaluate the success of implementing technology-supported health and care programs

(Greenhalgh et al., 2017)



How do we impact policy through partnerships?

- Our methodology is designed purposely to have the greatest impact on policy through three mechanisms:
 1. Having the highest level policy/decision-makers on board from the beginning; develop activities that allow them maximum opportunities to participate in all aspects of the research process.
 2. Create action research objectives specifically designed with policy/decision-makers to meet urgent policy needs, and be ready to adjust and change them if necessary, given the rapidly changing policy context.
 3. Use data collection and engagement methods (in-depth interviews, frequent team meetings) that are appropriate for tracking the policy process, forming the basis for an analysis of emerging changes in policy agendas, personnel, and processes.



Thank You

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Q & A