

Alberta's Partnership for Research and Innovation in the Health System (PRIHS)

PRIHS 8 – Digital Health

LAUNCHING – MONDAY, APRIL 3, 2023

Overview

Alberta Innovates and Alberta Health Services are the largest innovation agency and the largest health services delivery provider, respectively, in all of Canada. Together, we are excited to offer leaders in our health system the opportunity to leverage digital and data-enabled technologies to deliver innovative models of care for patients in Alberta.

The Partnership for Research and Innovation in the Health System (PRIHS) is designed to align the expertise of researchers to create new knowledge with the evidence needs of health providers. The Program provides opportunities for researchers and clinicians to implement promising solutions that address priority health system challenges in collaboration with Strategic Clinical Networks (SCNs) and Integrated Provincial Programs. By fostering innovation through collaboration, PRIHS accelerates health research and innovation outcomes into areas of strategic priority and need, with the potential to scale and spread to other patient populations and/or areas in the health system. These academic-clinical collaborations help identify and advance opportunities that improve healthcare quality, health outcomes and overall value for Albertans in acute, primary/ambulatory, long term care and/or community-based settings.

What is Digital Health?

Digital Health is an opportunity to accelerate research, transform care models, and reimagine sociological behaviours and processes to create an inclusive, patient-centered future. Digital health transformation is critically dependent upon the human factor and is driven by the type of care being delivered and its desired outcome. Advanced technologies, such as 3D printing, artificial intelligence, robotics, additive manufacturing, machine learning, extended reality, and other tools merge our physical and digital worlds, changing the delivery of care and playing a key role in the service provision and health of Albertans.

Digital Health can enable the health system to:

- Collect, sense, measure, connect, and distribute valuable information effectively and efficiently;
- Create, amalgamate, analyze, and apply highly complex information to improve decision-making;
- Complement and increase the value of existing e-health implemented solutions.

PRIHS offers leaders in our health system the opportunity to leverage digital and data-enabled technologies to further transform models of care, that will lead to the improvement of patient outcomes, healthcare quality, value to the system, and overall value for the people of Alberta.

The overall objectives of the PRIHS Program are to:

1. Translate research evidence into practice by testing the implementation of digital health solutions that:
 - a. have been pilot tested, preferably in an Alberta health care setting, and have strong evidence to demonstrate the solution is able to produce a measurable impact (improve or maintain) on patient health (i.e., clinical effectiveness) and results in a system benefit; and,
 - b. address a priority health system challenge in Alberta as articulated by the SCNs and the Integrated Provincials Programs in their Transformational Roadmaps.
2. Generate the evidence needed to identify and accelerate the spread and/or scale of evidence-based solutions that close care gaps to foster more efficient and/or effective use of health care resources.

Have an Idea for PRIHS? What should you do?

Every idea is a good idea! But is this PRIHS call the right mechanism to move that idea forward? If you can answer “yes” to these three questions, then we encourage you to reach out to a SCN to explore your idea further.

Question #1: Does your idea address a key priority for PRIHS and align with a priority as identified in one of the [SCN or Integrated Provincial Program Translational Roadmaps?](#)

Question #2: Does your idea leverage a digital health innovation?

Question #3: Does your idea already have evidence for clinical effectiveness from an Alberta pilot (preferred) or another similar jurisdiction?

Interested in learning more? Register for the PRIHS 8 Information Webinars!

University of Alberta Information Webinar: *Tuesday, April 11, 2023, 1 – 3 p.m. MST - REGISTER [HERE](#)*

University of Calgary Information Webinar: *Wednesday, April 12, 2023, 1-3 p.m. MST - REGISTER [HERE](#)*