

# Accelerating Innovations into CarE – Aging + Brain Health (AICE-ABH)



A multi-featured mobile application to support workflow of health care aides who provide services to Albertans living with dementia

## PROJECT FAST FACTS

**PARTNERS:** Clinisys EMR Inc, University of Alberta, Centre for Aging + Brain Health Innovation (CABHI)

**AWARD:** \$125,000 from Alberta Innovates and \$125,000 from CABHI

**AWARD DATE:** August 1, 2019

**PROJECT DURATION:** 18 months



**CENTRE FOR AGING  
+ BRAIN HEALTH  
INNOVATION**

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## THE PROBLEM

*In Alberta, health care aides (HCAs) comprise the second largest workforce providing care to seniors, next to nurses. Currently, we have a shortage of 5000 HCAs and this gap is rising. As our senior population grows, age-related health conditions such as dementia also rise. It is challenging to meet the needs of Albertans living with dementia, particularly those who are living alone or with family caregivers with limited capacity. These conditions put persons with dementia at risk, limit their autonomy, and restrict their ability to remain in their home communities or age in place.*

## THE SOLUTION

*Clinisys EMR, an Alberta-based small-medium sized enterprise (SME), provides an innovative digital health technology that will address workflow issues identified by HCAs and their teams while enabling families to access information and connect with service providers. By using the Clinisys EMR solution to support HCAs who provide service to individuals living with dementia, Alberta can address problems with recruitment, retention, and recognition of HCAs. The hope is for improved health outcomes for Albertans living with dementia, better addressing their needs while they age in place.*

## PROJECT OBJECTIVES

Clinisys EMR, together with researchers from the University of Alberta, are working to enhance, implement and evaluate the Clinisys digital health solution that will empower HCAs and family caregivers to overcome challenges in supporting individuals with dementia. The project is also supported by the Centre for Aging + Brain Health Innovation (CABHI). The goals of this pilot are to:

1. Customize and further enhance the Clinisys technology for use by HCAs, family caregivers, and HCA students who provide care to persons living with dementia.
2. Implement the technology and evaluate its usability, impact on HCA workflow, and impact on health outcomes for Albertans living with dementia.

*"The support from Alberta Innovates and CABHI has enabled collaboration between healthcare aid representatives, families of older adults receiving care, and the University of Alberta's researchers. The evidence generated is paving the way for Clinisys to enter the senior's care space." – Mehadi Sayed, CEO, Clinisys EMR, and Dr. Lili Liu, Dean, Applied Health Sciences, University of Waterloo*

## ABOUT AICE-ABH

*Alberta Innovates and the Centre for Aging + Brain Health Innovation (CABHI) have collaborated to offer the AICE-ABH program funding call to accelerate the evaluation and adoption of innovative products and services that address the needs of aging adults and the challenges presented by an aging population. The program provides support to health care providers and researchers in Alberta to evaluate innovative solutions built by small-medium sized enterprises. AICE-ABH was a closed-call program, with a deadline of December 17, 2018.*

*Learn how*

**albertainnovates.ca**