



## FEATURED JH AITC GRANT YEAR 1 AWARDEE:

Yale University in collaboration with team members at John Hopkins are working together to create the Emergency Department Dementia Algorithm (EDDA) to advance detection of dementia in the emergency department. Using electronic health record (EHR) data, the team plans to develop and test a real-time machine learning algorithm to identify and classify older ED patients at risk for undiagnosed cognitive impairment. This project is significant because 1 in 2 older adults make an ED visit every year in the US and those with cognitive impairment use health services and the ED at more than twice this rate and with higher costs. Recognizing those who are at risk for undiagnosed dementia is an essential first step. The ED offers a unique setting and opportunity to identify these patients earlier and improve their care trajectories through the healthcare system.

## FEATURED JH AITC CORE, TITC CORE

The goal of the Johns Hopkins Technology Identification and Training Care (JH-TITC) is to develop a science of translation of artificial intelligence for older adults by developing processes that identify and articulate the needs of older adults and their family caregivers, connect those needs to promising areas of AI/technology, and accelerate the refinement of these opportunities into tangible products that can be translated into practice. The JH-TITC works closely with the Stakeholder Engagement core to (1) identify promising AI/technology opportunities that can drive the solicitation and funding of pilot grants to support older adults and caregiver needs, and (2) disseminate stakeholder-informed knowledge through training tools to address the needs of older adults and their family caregivers through research and education programs. The JH-TITC has been active in reviewing the breadth of grant applications to our institution to identify key domains addressed and opportunities for further research. The JH-TITC is also collaborating with the Stakeholder Engagement core to develop tools to identify older adult and caregiver needs and beliefs regarding the use of AI/technology to enhance their well-being. The JH-TITC recently participated in the first meeting of TITC leaders across all 3 AITC sites. There was a fruitful discussion regarding developing shared language for categorization of AI and technology approaches. The leaders discussed planning for the a2 Collaborative symposium for next year. There was also a robust discussion on the ethical implications of generative AI, particularly regarding concerns about its impact on populations living with cognitive impairment.

## UPCOMING WEBINARS

The monthly webinar series will not be offered during June and July—we look forward to Dr. Phillip Phan presenting “Revenue and Reimbursement Strategies” on **September 19, 2023**



## UPCOMING EVENTS

**Deadline for preliminary applications Third Annual a2 Pilot Awards**  
July 31, 2023

