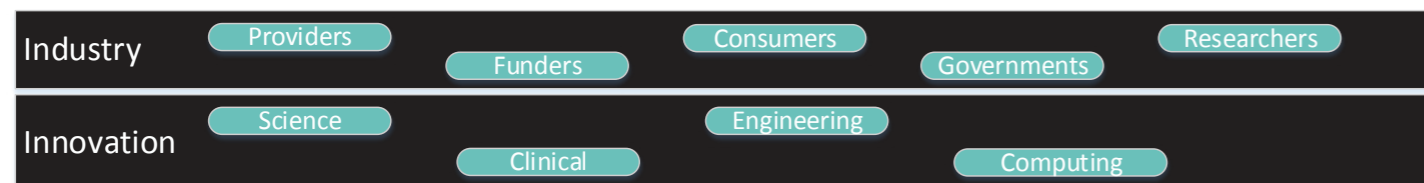
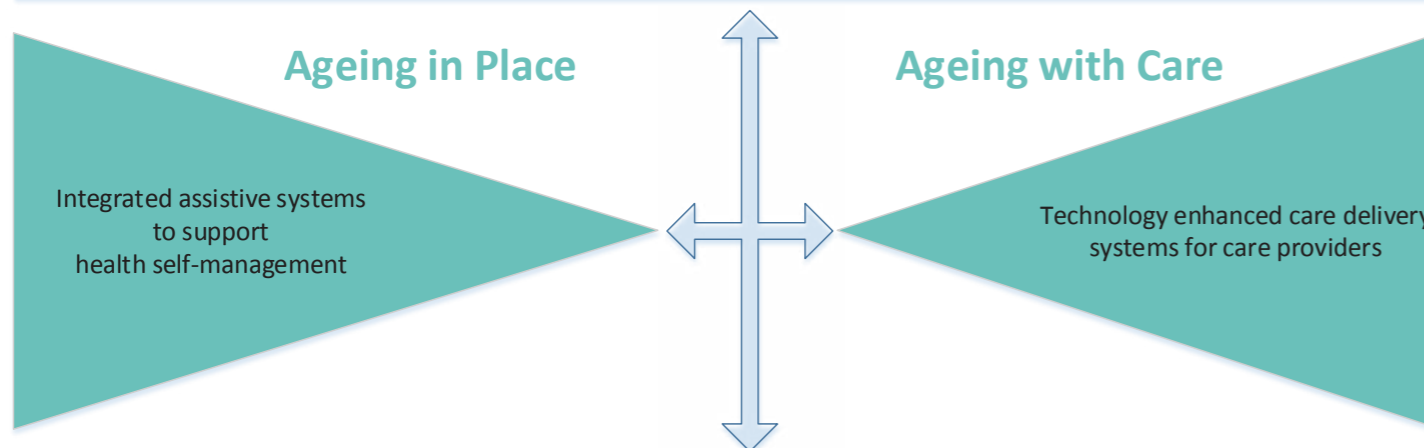


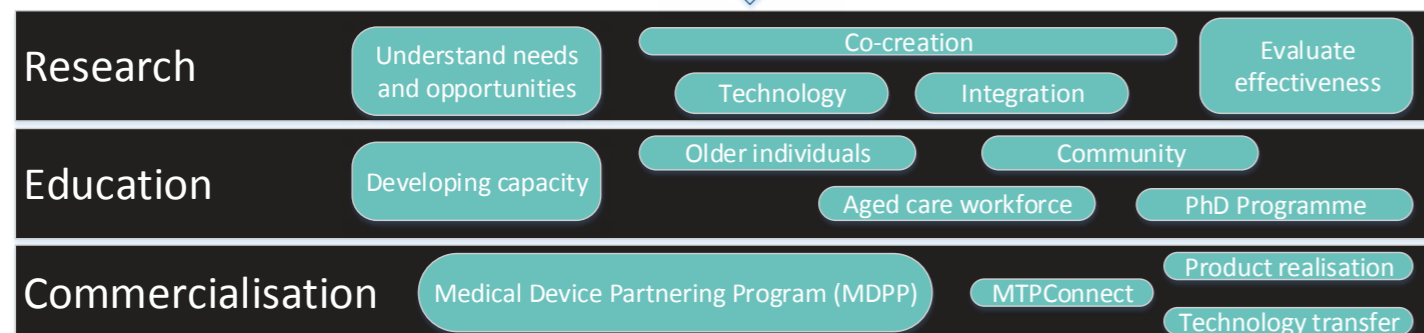
Outcomes



Research



Foundations



Academic leads for the bid will be Professors Anthony Maeder, Karen Reynolds and Trish Williams.

See our website smartageingcrc.com.au or request further information from smartageingcrc@flinders.edu.au
Or contact us at the Medical Device Research Institute at Flinders University on (08) 8201 5029.

Supporting Institutions (at May 2017)

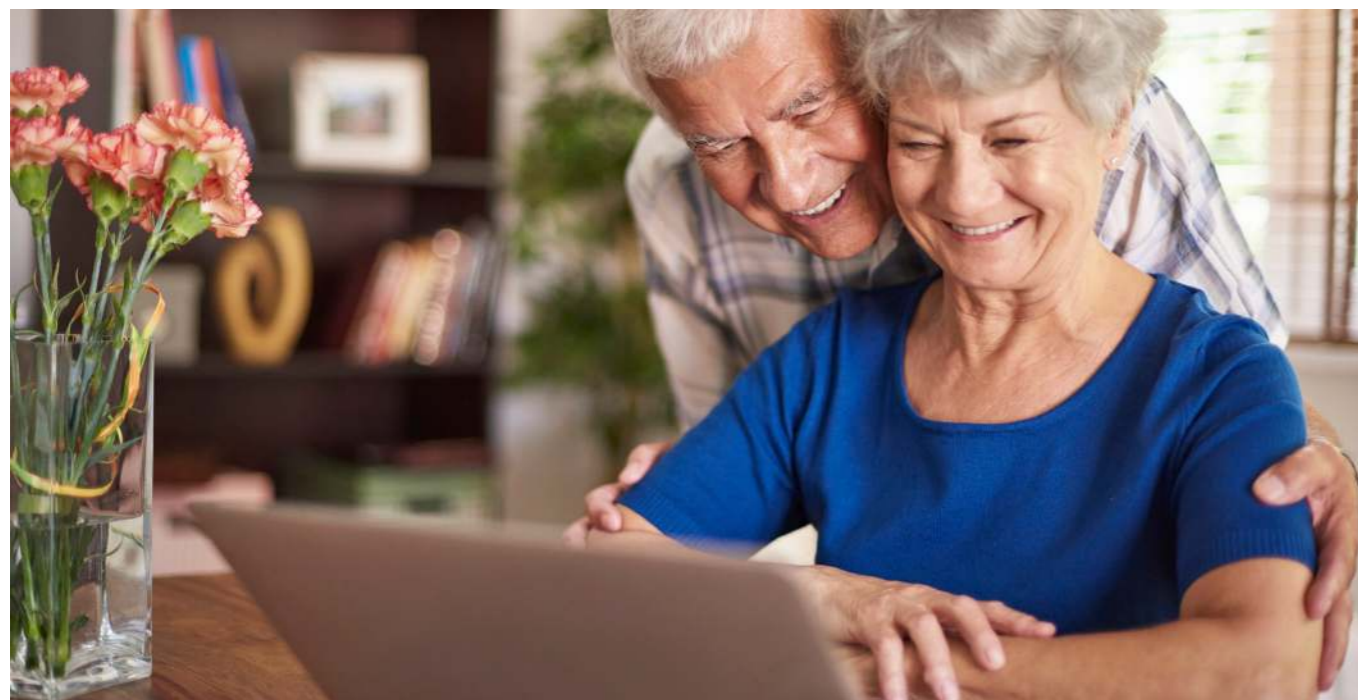


Prospectus Summary

SMART AGEING COOPERATIVE RESEARCH CENTRE

Health Technology Solutions for Ageing Well

May 2017



Benefits

Through the coordination of research, training and commercial development activities across multiple disciplines, organisations and sectors, the SMART Ageing CRC will develop new solutions which will:

- Empower older Australians to self-manage their health in diverse Independent living communities, and provide for their eventual care in health facilities.
- Focus technology development and evaluation on the needs of the ageing community, through a living laboratory model and validate their effectiveness at population scale.
- Accelerate and expand the development and delivery of new, world-class innovative products which improve health outcomes and help position Australia as a market leader.

Need

The rapidly increasing aged population presents a major challenge for both society and the health system.

Australia's aged population is expected to almost double in the next 15 years, with an anticipated 5.7 million adults aged 65 and over by 2031.

Developing innovative health technology solutions to meet the challenges of ageing is a significant opportunity to improve quality of life and health outcomes.

They also provide a major opportunity for new business growth in Australia and globally.

Research programmes on Ageing in Place and Ageing with Care will be focussed on meeting the health service improvement needs of industry partners from the ageing sector through new developments in medical devices, digital health and healthcare delivery systems.

Approach

The SMART Ageing CRC will direct its longterm efforts towards developing generalised platform systems to provide integrated environments which will be data-driven, adaptive and customisable to health needs of individuals.

This approach will allow flexibility for incorporation of new assistive and monitoring devices, and decision support components, without the requirement for significant redevelopment of software or disruption of health services.

The strong underpinning of these systems by emerging digital health infrastructure will enable deployment at scale and assure long-term sustainability.

Engagement

The SMART Ageing CRC will take a market-driven approach to develop health technology solutions.

Researchers will engage with service and technology providers, end-users and health technology manufacturers to understand needs and opportunities.

Commercialisation, education and communication programmes will address the product adoption and workforce preparation issues associated with the new models of care.

A purpose-made digital transformation programme will be developed to provide consumer and industry sectors with advice and equip them to undertake the necessary changes expediently.

A spin-out and SME development programme will be created based on the successful Medical Device Partnering Programme to be developed in conjunction with MTPConnect Growth Centre.

