

## National Innovation Challenge on Active and Confident Ageing (NIC on Ageing)

### NIC on Ageing Phase 1A

Key Thrust	Project Title	PI name	Host institution	Grant Reference Number
Ageing in Place	Project JEDI (Job Engagement & Distribution Intelligence)	Kavin Seow	TOUCH Community Service Ltd	MOH/NIC/CAHIG01/2016
Ageing in Place	Home Care Circle Line	John Wong	National University Health System	MOH/NIC/CAHIG02/2016
Ageing in Place	Modelling and Optimizing Home Care and Caregiving Services for the Elderly	Theng Yin Leng	Nanyang Technological University	MOH/NIC/CAHIG03/2016
Ageing in Place	Home Monitoring and Response Service	Lai Swee Guan	Certis Healthcare Pte Ltd	MOH/NIC/CAHIG04/2016
Ageing in Place	Exosuit for Falls Prevention	Ang Wei Tech	Nanyang Technological University	MOH/NIC/EIG01/2017
Ageing in Place	Audiological rehabilitation for speech perception in noise difficulty	Wong Chun Kiat	Nanyang Technological University	MOH/NIC/EIG02/2017
Ageing in Place	WheelAway	Pauline Michelle Ruiz Balbino	Sengkang General Hospital	MOH/NIC/EIG03/2017
Ageing in Place	Healthy Hearing, Healthy Ageing	William Hal Martin	National University Health System	MOH/NIC/EIG04/2017
Ageing in Place	Assessment of Foot Pressure for Managing Diabetic Foot Ulcers (DFUs) in the elderly, aged 60 years and above	Lim Chwee Teck, Chia Lye Peng	National University Health System, Flexosense Pte Ltd	MOH/NIC/EIG05/2017
Ageing in Place	Intelligent Gait (IGAIT) Device for Elderly with Gait Dysfunctionalities	Matthew Chua Chin Heng	National University Health System	MOH/NIC/EIG06/2017
Lengthening Health Span	A novel touch-based bilingual intervention to stave off cognitive decline in the elderly: The Dual-language Intervention in Semantic memory - Computerised (DISC)	Yow Wei Quin	Singapore University of Technology & Design	MOH/NIC/COG01/2017
Lengthening Health Span	Dementia – Early Detection & Intervention	Nawal Roy, Wee Shiou Liang	KKT Technology Pte Ltd, Geriatric Education & Research Institute	MOH/NIC/COG02/2017
Lengthening Health Span	Knowledge-Based Decision Support System to Empower Caregivers in Dementia Care	Jason Yue	Institute of High Performance Computing, A*STAR	MOH/NIC/COG03/2017
Lengthening Health Span	ADL+: A Digital Toolkit for Cognitive Assessment and Intervention	Miao Chunyan	Nanyang Technological University	MOH/NIC/COG04/2017
Lengthening Health Span	Caring for Persons with Dementia and their Caregivers in the Community: Towards a Sustainable Community Based Dementia Care system	Angelique Chan	Duke-NUS Medical School	MOH/NIC/COG05/2017
Lengthening Health Span	Choral Singing For the Prevention of Dementia: A Randomized Controlled Trial	Feng Lei	National University Health System	MOH/NIC/COG06/2017
Lengthening Health Span	Steps to Avoid Falls in the Elderly: Translating Research into Practice	Angelique Chan	Duke-NUS Medical School	MOH/NIC/HAIG01/2017

Lengthening Health Span	HOPE (Healthy Older People Everyday) To Age in Place: Design and Implementation of an innovative and cost-effective electronic Rapid Geriatric Assessment tool for the Screening and Management of Frailty in Community Dwelling Older Adults	Reshma Merchant	National University Health System	MOH/NIC/HAIG02/2017
Lengthening Health Span	SAIF: An End-to-end System for Assessment and Intervention of Frailty	Shen Zhiqi	Nanyang Technological University	MOH/NIC/HAIG03/2017
Lengthening Health Span	Promoting Health Longevity through Mitigation and Prevention of Frailty in Community-dwelling Elderly (Pro-LIFE)	Laura Tay	Sengkang General Hospital	MOH/NIC/HAIG04/2017
Lengthening Health Span	Evaluation and Development of Falls Prevention and Management in the Community of Central and North of Singapore for older adults age 65 years and above	Wong Chek Hooi	Geriatric Education & Research Institute	MOH-000281
Lengthening Health Span	Regional Falls Prevention Network with Real Time Falls Monitoring	Reshma Merchant	National University of Singapore	MOH-000282
Lengthening Health Span	Steady Feet: Preventing Falls in the Community	Low Shoulin	Changi General Hospital	MOH-000285
Lengthening Health Span	EMPOWERing patients with chronic disease	Low Lian Leng	Singapore Health Services	MOH-000203
Lengthening Health Span	Extending Health Span through Diabetes Health Literacy and Competency Assessment (Healix health bot)	Josip Car	Nanyang Technological University	MOH-000202
Lengthening Health Span	ASTeRISK: Addressing Stroke and TIA Risk - A Management and Prevention Program	Deidre Anne De Silva	Singapore General Hospital	MOH-000191
Productive Longevity	ROBUST: ROBotic assisted UltraSonography sysTem for radiographers in the healthcare industry	Celia Tan Ia Choo	Singapore General Hospital	MOH/NIC/AWIG01/2017
Productive Longevity	Making Hotel Housekeeping A Viable Career Option for Older Workers	Michael Loke Ming-Yen	Republic Polytechnic	MOH/NIC/AWIG02/2017
Productive Longevity	Semi-Autonomous Assistive Shelves: Aged Worker Enabling Technology at Supermarkets	Chen I-Ming	Nanyang Technological University	MOH/NIC/AWIG03/2017