Development of a non-invasive sensor system for early heart failure detection

PROFESSOR GAETANO GARGIULO

Creation of HEXAS, a wearable neural stimulation device to improve balance and reduce falls risk

PROFESSOR PAUL BREEN & PROFESSOR JORGE SERRADOR

Development of a diabetic peripheral neuropathy device to reduce risk of foot ulcers and amputations

PROFESSOR PAUL BREEN

Developed a home-based biofeedback device to enable monitoring of chronic constipation and faecal incontinence

DR JERRY ZHOU

Clinical practice changes to reduce complications from medical devices such as needle-less access connectors and elastomeric infusion pumps

DR GOUGH LUI

Development of Project AI-ED which harnesses the power of AI to reduce preventable emergency department visits in older adults

> ASSOCIATE PROFESSOR **GENEVIEVE STEINER-LIM**

New model of care for a community outreach geriatrics service for older adults' medical and nursing care in residential aged care facilities

ASSOCIATE PROFESSOR **GENEVIEVE STEINER-LIM**

Investigating the cognitive benefits of therapeutic effects of purified phytocannabinoids in rodent models

PROFESSOR TIM KARL

Investigating the underlying mechanisms by which body warming (e.g. saunas) may improve disease pathology of Alzheimer's disease

DR ROSSANA ROSA PORTO

Exploring novel therapeatuic compounds for Alzheimers, ALS, and neuroinflammation

ASSOCIATE PROFESSOR **ERIKA GYENGESI**

Culturally sensitive education initiative about dementia, support services, and strategies and training for inclusivity to > 1,500 individuals

DR DIANA KARAMACOSKA

Improving the human rights of older persons and how voting rights were experienced by older people

PROFESSOR CATHERINE RENSHAW

Implementing leisure activities in

prison wards using a generativity

approach to empower ageing

prisoners to regain a positive sense

of self and purpose

DR NICOLE PEEL & ASSOCIATE

PROFESSOR ARIANNE REIS

Optimising an intergenerational

model of care for aged care

residents and children

DR CRIS TOWNLEY & TEAM

Raising the profile of, and learning from the pockets of brilliant aged care within the health system, which exceeds expectation

PROFESSOR ANN DADICH

Provision of leisure education training to aged care staff and volunteers to upskill the workforce and provide better services to aged care residents

DR NICOLE PEEL & ASSOCIATE PROFESSOR ARIANNE REIS

Evidence-based tools and training materials to enable staff to have meaningful conversations with residents during routine care

ASSOCIATE PROFESSOR **CELIA HARRIS**

Introducing in-house GP model to aged care facilities

ASSOCIATE PROFESSOR LEI SI

Assessing the effectiveness of

sensory interventions to develop

evidence-based guidelines for such

interventions in residential aged care

MS NIKKI TULLIANI

Evaluation of a virtual photo elicitation app on communication and connectivity between family members and aged care residents

DR NICOLE PEEL & ASSOCIATE PROFESSOR ARIANNE REIS

Established novel methods of

ecologically assessing memory

performance in older adults

ASSOCIATE PROFESSOR

JOYCE SIETTE

Delivery of the "Able and Stable" exercise program to prevent falls and reduce recurrent falls

DR THOMPSON & PROFESSOR **DAFNA MEROM**

Implementation of Brain Bootcamp; effective, evidence-based personalised brain health kits for older adults to reduce dementia risk

device for people living with dementia to use independently ASSOCIATE PROFESSOR CELIA

HARRIS & PROFESSOR **PAUL BREEN**

Co-designed MemoryAld, which

utilises AI in a customisable, intuitive

Tracking of carer experiences as they navigated health and aged care services

> ASSOCIATE PROFESSOR **CELIA HARRIS**

self-esteem, identity, agency, sense of capacity and purpose PROFESSOR ANTHONY UHLMANN, DR RACHEL MORLEY & DR MELINDA JEWELL

Delivering creative writing in aged

care facilities to improve wellbeing,

Region's first multidisciplinary memory clinic providing rapid diagnosis of cognitive impairment

> ASSOCIATE PROFESSOR **GENEVIEVE STEINER-LIM**

Development of a short course teaching beginner level Bollywood dance and Hindi language to support older adults' brain health, cognitive function, purpose and happiness

DR RACHAEL JACOBS

Helping older people drive safely for longer

DR KRISTY COXON

Social media training for older adults to increase social connections and improve psychological wellbeing during COVID-19

> ASSOCIATE PROFESSOR **GABRIELLE WEIDEMANN**



ASSOCIATE PROFESSOR **GENEVIEVE STEINER-LIM**

Progressing aged care reforms to be culturally sensitive and enabled

> ASSOCIATE PROFESSOR JOYCE SIETTE & MR SAMUEL DAKEY

ASSOCIATE PROFESSOR JOYCE SIETTE & MS LAURA DODDS