

Higher Degree Projects (PhD) School of Nursing and Midwifery

1.0 Stroke and Associated Cerebrovascular Disease

Project 1.1 Hypertension screening and management for detecting small vessel disease in the prevention of haemorrhagic stroke

Project 1.2 Evaluating International stroke - Face Arms Speech Time to Act Fast (FAST) campaigns and their impact for facilitating health literacy across diverse global regions

Project 1.3 Identifying biomarker evidence of the emotion-cognition interaction from healthy ageing and mental health conditions, comparing to neurodegenerative and cerebral vascular disorders.

2.0 Gerontological Focused Projects

Project 2.1 Investigation into availability, feasibility, and effectiveness of education technologies (learning management systems, elearning platforms and etools) focusing on cognitive, emotional, and behavioural health of older adults (CEBOHA) - addressing training and educational needs of residential and long-term care sector audiences.

Project 2.2 Determining generational trauma for later life neurodegeneration in older adults through retrospective analysis

3.0 Brain Health

Project 3.1 Evaluation of protocols for cognitive screening in older adults e.g., inclusion of observational, objective, and subjective reporting and measurement

Project 3.2 Reviewing logarithms and newer techniques (e.g., eye tracking, P300, brain-computer interface (BCI) systems) for developing early cognitive assessment tools and cognitive function screening protocols for normal ageing populations

*For informal inquires and further details, please contact Professor Claire Donnellan
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