

GAIT AND BRAIN SEMINAR SERIES

Special Topic Presentation

Monday July 16, 2018

St. Joseph's Parkwood Institute
Room F2-235, Mental Health Care Building Auditorium

"Falls in older people – Don't let the brain trip you up"



Guest Speaker

Dr. Michele Callisaya

Dr. Michele Callisaya is a part-time Senior Researcher at the Menzies Institute for Medical Research, University of Tasmania, Australia. She is supported by a competitive National Health and Medical Research Council (NHMRC) Boosting Dementia Leadership Research Fellowship. She also works part-time as a Clinical Lead physiotherapist at the Royal Hobart Hospital and has over 20 years' experience in treating clients in outpatient and inpatient rehabilitation.

Dr. Callisaya has published over 70 research articles, mainly in areas relating to mobility, exercise, falls and dementia. She has received over \$4 million in competitive funding, including for: 1) A clinical trial of exercise to prevent cognitive decline in people with diabetes mellitus; 2) A clinical trial of dual-task balance training to reduce mobility decline and falls in people with cognitive impairment; and 3) The association between cognition and falls in older people.

The objectives of the presentation will be to summarize Dr. Callisaya's research relating to:

- Specific gait patterns associated with falls
- Specific cognitive domains associated with falls
- Linking the brain to cognition, gait and falls
- Potential for future interventions

AGENDA

2:00 P.M.

Welcome Remarks by Dr. Manuel Montero-Odasso

2:10 P.M.

Lecture by Dr. Michele Callisaya

2:50 P.M.

Question & answer

3:05 P.M.

Adjourn

