

CDMS Research Seminar

Technology-enabled provision of preventive care and healthy ageing

Wednesday, 16th March 2022, 12:00 pm

<https://uws.zoom.us/j/87979447197?pwd=NDA2YWRJQ2FoVodzOGZ3UWFCZlExZz09>

Speaker: Dr Joyce Siette, Western Sydney University

Abstract: The digital revolution has resulted in multiple potential applications to dementia care – from prevention to diagnosis to supporting ageing in place. This seminar will provide a comprehensive overview of how key technological developments to coordinate, monitor and enhance care and improve older adults' cognitive and social outcomes. Four different perspectives will be presented: (i) value of an online personalised dementia risk profile in modifying behaviour to reduce dementia risk; (ii) utility and acceptability of a computer-simulated environment to screen for cognition in older adults of a virtual reality; (iii) using data analytics to identify and monitor performance across different dimensions of the quality of aged care; and (iv) using sensor technology to support wellbeing in older adults living in residential aged care facilities. Dr Siette will propose that a digital model that facilitates dementia risk reduction and prevention strategies, identifies early cognitive decline and provides additional insight into care post-diagnosis can support healthy brain ageing on a large-scale.

Bio: Dr Joyce Siette is a Research Theme Fellow Health and Wellbeing at The MARCS Institute, Western Sydney University and Honorary Research Fellow at the Australian Institute of Health Innovation at Macquarie University. She has a background in neuropsychology, behavioural learning, social psychiatry, public health, aged care and digital health. Dr Siette has brought together leading national and international multidisciplinary researchers to increase research priorities into upstreaming dementia prevention and strengthening research methods. Her recent work has made substantial contributions to understanding the social needs and outcomes of older adults receiving aged care and providing a practical framework to designing and collecting high quality network data.

For details about CDMS Research Seminars, please contact Dr Rodrigo Calheiros (r.calheiros@westernsydney.edu.au)

Rodrigo Calheiros is inviting you to a scheduled Zoom meeting.

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