

## Associate Professor Alice Theadom

BSc Essex UK, MSc Surrey UK, PhD AUT, MIHP, MNZPSS  
Rutherford Discovery Fellow

**Research specialisation:** Exploring the impact and factors influencing recovery from concussion and traumatic brain injury

**Experience:** Registered psychologist who has been conducting research into concussion/traumatic brain injury for >10 years.

Attracted \$5million in research funding. H Index of 23. Published >100 peer-reviewed articles in high impact journals including the Lancet, Lancet Neurology, Journal of Neurotrauma, Neuropsychology and the European Journal of Neurology. Editorial Board Member for the Journals, Neuroepidemiology, Brain Injury and Brain Impairment. Member of the CENTER-TBI international research programme on traumatic brain injury, ACC Sports Collaboration Group and member of the Global Burden of Disease Study Expert Panel on Traumatic Brain Injury. Former Deputy Director of the National Institute for Stroke and Applied Neuroscience (2012-2018). Received a Rutherford Discovery Fellowship in 2018 and in 2016, received the GV Goddard Early Career Award in Applied Psychology and the Research Excellence Award from the Health Research Council of New Zealand as an Emerging Researcher.

**Research overview:** Focus on exploring the experience and impact of neurological illness and injury on people's lives and testing novel treatments to improve how people adjust. Experienced in both qualitative and quantitative research methods.

**Postgraduate supervision:** 5 doctoral students, 10 Masters and 7 Honours theses students supervised to completion and currently supervising 9 student theses. Topics have ranged from understanding and managing brain injury within an adult male prison, measuring community integration after brain injury and whether sub-classification symptoms for mild TBI predict one year outcome. Current projects are looking at concussion awareness in NZ cyclists, symptom validity reporting after mild TBI, positive aspects of recovery following TBI and use of exercise to facilitate recovery after TBI.

**Research Dissemination:** >100 publications in journals, book chapters (5), reports (12) conference paper/abstract proceedings (134). Examples:

- 1) Theadom A, Barker-Collo S, Jones K, Dudley M, Vincent N, Feigin V. A pilot study of online interventions to improve sleep quality in adults after mild or moderate brain injury. *Clinical Rehabilitation*, 2018; 32(5): 619-629 doi:10.1177/0269215517736671.
- 2) Theadom A, Starkey N, Barker-Collo S, Jones K, Ameratunga S, Feigin V, on behalf of the BIONIC4you Research Group. Population-based cohort study of the impacts of mild traumatic brain injury in adults four years post-injury. *PlosOne*, doi:org/10.1371/journal.pone.0191655
- 3) Hume, P. A., Theadom, A., Lewis, G., Quarrie, K., Brown, S. R., Hill, R., & Marshall, S. (2016). A comparison of cognitive function in former rugby union players compared to former non-contact sport players and the impact of concussion history. *Sports Medicine*, 1-12. doi:10.1007/s40279-016-0608-8



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