

Professor Suzanne Barker-Collo

BSc Manitoba; MA (Clin Psych) Lakehead; PhD (ClinPsych)
Lakehead

Registered Clinical and Neuropsychologist



Research specialisation: Traumatic brain injury and stroke assessment, outcomes and rehabilitation. Particular interest in cognitive and behavioural consequences and cross-cultural applications.

Experience: Registered psychologist who has been conducting research into concussion/traumatic brain injury for >20 years.

NI/PI on research projects garnering > 13\$ million. Over 100 peer reviewed articles, including high impact journals (*Neurology, Lancet Neurology*), with > 18000 citations. H index=32, g index=132[PoP]; Research Gate RG=41.75 (>97.5% of all research gate members). I am a member of the NZSIGN- New Zealand Special Interest Group in Neuropsychology, Auckland University Centre for Brain Research, World Federation of Neurorehabilitation, New Zealand Psychological Society, Regional Neuropsychology Interest Group, and Research Centre for Cognitive Neuroscience (UofA). I am an invited member of the Global Burden of Disease Study Expert Panel on Stroke.

Research overview: My programme of research activities focuses broadly on Clinical Neuropsychology. This is based upon my clinical work with persons with Traumatic Brain Injury, Multiple Sclerosis, Stroke, and other neurological conditions. I also continue in my interest in examining the characteristics of Neuropsychological and psychological tests, particularly their cross-cultural application.

Postgraduate supervision: 20 doctoral students, 5 Masters and 18 Honours theses students supervised to completion.

Topics have ranged from application of cross-cultural principles to assessment of cognition in New Zealand to outcomes of specific neurological conditions such as childhood medulloblastoma, qualitative examinations of adolescent adjustment to TBI, and controlled examinations of the cognitive, behavioural and functional outcomes of stroke.

Research Dissemination: >100 publications in journals, 4 book chapters, 2 reports, 48 conference contributions (1 Plenary, 2 Expert Panels):

1. Barker-Collo, S., Theadom, A., Starkey, N., Kahan, M., Jones, K., & Feigin, V. (2018). Factor structure of the Rivermead Post-Concussion Symptoms Questionnaire over the first year following mild traumatic brain injury.. *Brain injury*, 32(4), 453-458. doi:[10.1080/02699052.2018.1429659](https://doi.org/10.1080/02699052.2018.1429659)
2. Barker-Collo, S., Krishnamurthi, R., Witt, E., Theadom, A., Starkey, N., Barber, P. A., . . . Feigin, V. (2017). Depression and Anxiety Across the First Year After Ischemic Stroke: Findings from a Population-Based New Zealand ARCOS-IV Study. *Brain Impairment*, 18(03), 265-276. doi:[10.1017/Brlmp.2017.12](https://doi.org/10.1017/Brlmp.2017.12)
3. Barker-Collo, S., Krishnamurthi, R., Feigin, V., Jones, A., Theadom, A., Barber, P. A., . . . Bennett, D. (2016). Neuropsychological Outcome and its Predictors Across the First Year after Ischaemic Stroke. *Brain Impairment*, 17(02), 111-122.
4. Barker-Collo, S., Theadom, A., Jones, K., Feigin, V. L., & Kahan, M. (2016). Accuracy of an International Classification of Diseases Code Surveillance System in the Identification of Traumatic Brain Injury. *Neuroepidemiology*, 47(1), 46-52.
5. Barker-Collo, S., Jones, K., Theadom, A., Starkey, N., Dowell, A., Mcpherson, K., . . . Feigin, V. (2015). Neuropsychological outcome and its correlates in the first year after adult mild traumatic brain injury: A population-based New Zealand study. *Brain Injury*, 29(13-14), 1604-1616.
6. Barker-Collo, S., Krishnamurthi, R., Witt, E., Feigin, V., Jones, A., McPherson, K., . . . Aroll, B. (2015). Improving Adherence to Secondary Stroke Prevention Strategies Through Motivational Interviewing: Randomized Controlled Trial.. *Stroke; a journal of cerebral circulation*, 46(12), 3451-3458.