

Peer-reviewed articles accepted and published in 2013 (by lead author)

1. Barker-Collo, S, Theadom A, Ameratunga S, Jones K, Jones A, Starkey N, Feigin V on behalf of the BIONIC Research Group. Prevalence and predictors of post-traumatic stress disorder in adults one year following traumatic brain injury: a population-based study. *Brain Impairment*. Epub ahead of print doi 10.1017?BrImp.2013.27. IF: 6.50
2. Barker-Collo S, Starkey N, Theadom A. (2013). Treatment for Depression following mild Traumatic Brain Injury in adults: a meta-analysis. *Brain Injury*, 27(10), 1124-1133. IF: 1.36
3. Barker-Collo, S., Feigin, V., and Krishnamurthi, R. Differences in neuropsychological profiles of long-term intracerebral hemorrhage and subarachnoid hemorrhage survivors. *International Journal of Stroke*, Vol 8. E14. June 2013. DOI: 10.1111/j.1747-4949.2012.00959.x
4. Clark, C., Shepherd, D., and Hira, S. (2013) Predicting Intention to Complete Training, and Achievement of Learning Outcomes, in a Sample of New Zealand Adult Learners. *British Journal of Education, Society & Behavioural Science*, 3(4), 542-559
5. Feigin, V.L., Forouzanfar, M.H., Krishnamurthi, R., Mensah, G.A., Connor, M., Bennett, D.A., Moran, A.E., Sacco, R.L., Anderson, L., Truelsen, T., O'Donnell, M., Venketasubramanian, N., Barker-Collo, S., Lawes, C.M.M., Wang, W., Shinohara, Y., Witt, E., Ezzati, M., Naghavi, M., Murray, C., on behalf of the Global Burden of Diseases, Injuries, and Risk Factors Study (the GBD 2010 Study) and the GBD Stroke Experts Group. Global and regional burden of stroke during 1990–2010: findings from the Global Burden of Disease Study 2010. *The Lancet* 2013; Published Online October 24, 2013; [http://dx.doi.org/10.1016/S0140-6736\(13\)61953-4](http://dx.doi.org/10.1016/S0140-6736(13)61953-4)
6. Feigin VF, Theadom A, Barker-Collo S, Starkey NJ, McPherson K, Kahan M, Dowell A, Brown P, Parag V, Kydd R, Jones K, Jones A, Amerataunga S on behalf of the BIONIC Study Group. (2013). Incidence of traumatic brain injury in New Zealand: a population-based study. *The Lancet Neurology*, 12(1), 53 - 64, IF: 23.5
7. Feigin, V.L., Giroud, M. Neuroepidemiology: A Brighter Look for the Future. *Neuroepidemiology* 2013;41:1-1 (DOI: 10.1159/000351132)
8. Feigin, V.L., Krishnamurthi, R., Barber, P.A., Arroll, B. Stroke Prevention in New Zealand: Can We Do Better? *International Journal of Stroke* 2013; DOI: 10.1111/ij.s.12117
9. Feigin, V.L., McPherson, K., Barker-Collo, S., Krishnamurthi, R. Measuring and Reducing the Stroke Burden in New Zealand. *International Journal of Stroke* 2013; DOI: 10.1111/ij.s.12122
10. Jones, K.M., Champion, P., & Woodward, L.J. Social competence of preschool children born very preterm. *Early Human Development*, 2013, 89(10):795-802.
11. Keogh, J., Krägeloh, C. U., Shepherd, D., Ryan, C., Masters, J., Osborne, C., & MacLeod, R. (2013). Quantitative assessment of quality of life in New Zealand prostate cancer survivors: the effect of androgen deprivation therapy. *Journal of Cancer Research and Therapy*, 1(2): 105-110
12. Krägeloh, C.U., Shepherd, D., Zapanta, A., & Landon, J. (2013). Standardizing task difficulty in an experimental target-tracking task: A comparison of five types of computer input device. *Experimental Analysis of Human Behavior Bulletin*, 29, 18-25.
13. Krishnamurthi, R., Feigin, V.L., Forouzanfar, M.H., Mensah, G.A., Connor, M., Bennett, D.A., Moran, A.E., Sacco, R.L., Anderson, L., Truelsen, T., O'Donnell, M., Venketasubramanian, N., Barker-Collo, S., Lawes, C.M.M., Wang, W., Shinohara, Y., Witt, E., Ezzati, M., Naghavi, M., Murray, C., on behalf of the Global Burden of Diseases, Injuries, and Risk Factors Study (the GBD 2010 Study) and the GBD Stroke Experts Group* Global and regional burden of ischaemic and haemorrhagic stroke in 1990-2010: findings from the Global Burden of

- Disease Study 2010. *The Lancet Global Health* 2013; Published Online October 24, 2013; [http://dx.doi.org/10.1016/S2214-109X\(13\)70089-5](http://dx.doi.org/10.1016/S2214-109X(13)70089-5) (V Feigin is the corresponding author)
14. Krishnamurthi, R., Witt, E., Barker-Collo, S., McPherson, K., Davis-Martin, K., Bennett, D., Rush, E., Suh, F., Starkey, N., Parag, V., Rathnasabapathy, Y., Jones, A., Te Ao, B. & Feigin, V. (2013). Reducing recurrent stroke: Methodology of the motivational interviewing in stroke (MIST) randomised clinical trial. *International Journal of Stroke*. DOI: 10.1111/ijvs.12107
 15. Krishnamurthi, R., Jones, A., Barber, P. A., Barker-Collo, S., McPherson, K., Bennett, D., Rush, E., Suh, F., Starkey, N., Parag, V., Rathnasabapathy, Y. & Feigin, V. (2013). Methodology of a population-based stroke and TIA incidence and outcomes study: The Auckland regional community stroke outcomes study (ARCOS IV) 2011-2012. *International Journal of Stroke*. DOI: 10.1111/ijvs.12108
 16. Krishnamurthi R, Jones A, Barber A, Barker-Collo S, McPherson KM, Bennett D, Rush E, Suh F, Starkey N, Theadom A, Parag V, Rathnasabapathy Y, Feigin VL, on behalf of the ARCOS IV Programme Group. (2013). Methodology of a Population-Based Stroke and TIA Incidence and Outcomes Study: *The Auckland Regional Community Stroke Study (ARCOS IV) 2011-2012*. *International Journal of Stroke*, Epub ahead of print.
 17. Krishnamurthi R, Witt E, Barker-Collo S, McPherson K, Davis-Martin K, Bennett D, Rush E, Suh F, Starkey N, Parag V, Rathnasabapathy Y, Jones A, Brown P, Te Ao B, Feigin VL on behalf of the ARCOS IV Programme Group (2013). Reducing Recurrent Stroke: Methodology of the Motivational Interviewing in Stroke (MIST) randomised clinical trial. *International Journal of Stroke*. Epub ahead of print.
 18. Luciano A. Sposato, Mariano L. Coppola, Juan Altamirano, Brenda Borrego Guerrero, Jorge Casanova, Maximiliano De Martino, Alejandro Diaz, Valery L. Feigin etc al. Program for the epidemiological evaluation of stroke in Tandil, Argentina (PREVISTA) study: rationale and design. *International Journal of Stroke*. Vol 8, October 2013, 591-597. DOI: 10.1111/ijvs.12171
 19. Moran, A., Forouzanfar, M., Sampson, U., Chugh, S., Feigin, V., Mensah, G. The Epidemiology of Cardiovascular Diseases in Sub-Saharan Africa: The Global Burden of Diseases, Injuries and Risk Factors 2010 Study. *Progress in Cardiovascular Diseases* 2013; <http://dx.doi.org/10.1016/j.pcad.2013.09.019>
 20. Othman, M., Kasabov, N., Krishnamurthi, R., Hou, Z-G., Liang, L., Parmar, P., Feigin, V. Evolving Spiking Neural Networks for Personalised Modelling of Spatio-Temporal Data: A Computational Framework and a Case Study on Stroke Occurrence Prediction. *Neurocomputing* 2013 (accepted for publication)
 21. Rutherford, S.J., Theadom, A., Jones, A., Hocking, C., Feigin, V., Krishnamurthi, R., Kent, B., Barker-Collo, S., and McPherson, K.M. Capturing the stories behind the numbers: The Auckland Regional Community Stroke Study (ARCOS IV), a qualitative study. *International Journal of Stroke* 2013; DOI: 10.1111/ijvs.12164
 22. Shepherd, D., Hautus, M.J., and Jesteadt, W. (2013). Masking functions and fixed-signal functions for low level 1000-Hz tones. *Journal of the Acoustical Society of America*, 133(6), 4168–4176
 23. Shepherd, D., Welch, D., Dirks, K., and McBride, D. (2013) Do quiet areas afford greater health-related quality of life than noisy areas? *International Journal of Environmental Research and Public Health*, 10(4), 1284-1303.
 24. Suh, F. M, Schweder, P. M., & Mee, E.W. (2014). Hospital-based study in context of subarachnoid haemorrhage practice and literature: Factors to consider [Invited commentary]. *Neuroepidemiology*. 42: 98-99. DOI: 10.1159/000356076

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25. Te Ao, B., Brown, P., Fink, J., Vivian, M., and Feigin, V. Potential gains and costs from increasing access to thrombolysis for acute ischemic stroke patients in New Zealand hospitals. *International Journal of Stroke* 2013; DOI: 10.1111/ijvs.12152
26. Theadom A, Mahon S, Barker-Collo S, McPherson K, Rush E, Vandal A, Feigin V. (2013) Enzogenol for memory improvement in mild traumatic brain injury: a pilot placebo-controlled randomised clinical trial. *European Journal of Neurology*. 20(8), 1135-1144. IF: 3.7
27. Thorne, R., and Shepherd, D (2013). Quiet as an Environmental Value. *International Journal of Environmental Research and Public Health*, 10(7), 2741-2759.
28. Welch, D, Shepherd, D., Dirks, K. N., McBride, D., & Marsh, S. (2013). Road Traffic Noise and Health-Related Quality of Life: a cross sectional study. *Noise and Health*, 15(65), 224-230.
29. Wickwar S, Buerkle K, McBain H, Ciciriello S, Osborne RH, Wedderburn LR, Newman SP. Adaptation of the methotrexate in rheumatoid arthritis knowledge questionnaire (MiRAK) for use with parents of children with juvenile idiopathic arthritis: a qualitative study. *Pediatric Rheumatology Online Journal* 11(27) 2013

Abstracts:

1. Barker-Collo, S., Theadom, A., Feigin, V., Ameratunga, S., Jones, K., & McPherson, K. (2013). Prevalence and predictors of posttraumatic stress disorder in adults 1 year following traumatic brain injury: A population based study. *International Neuropsychological Society Conference*, 12-14th March, Amsterdam, The Netherlands.
2. Case, R., Starkey, N., Feigin, V., Barker-Collo, S., & Jones, K.M. (2013). The relationship between mild traumatic brain injury and post-injury developmental functioning in children: 12-month outcomes from the COBIC study. *International Neuropsychological Society (INS) Conference*, 6-9th February, Hawaii, USA
3. Channon A, Shannon K, Theadom A, McPherson K, *On behalf of the TBI Experiences study team* (2013). "Take a toughy pill and harden up": Exploring Kiwi experiences of recovery from Traumatic Brain Injury. *New Zealand Rehabilitation Conference*, Nelson, New Zealand.
4. Cropley, M., Doherty, R., Theadom, A. (2013). The impact of expressive writing on work-related affective rumination: a randomised controlled trial. *European Association of Work and Organizational Psychology*, Munster, Germany, May 22-25.
5. Jones, K., Woodward, L., & Champion, P. (2013). Neonatal and Environmental Predictors: Social-Emotional and Behavioural outcomes in Preschool Children Born Very Preterm. *Infant and Early Childhood Social and Emotional Wellbeing Conference*, 30th Oct – 2nd Nov, Canberra, Australia.
6. Jones, K., Theadom, A., Barker-Collo, S., Starkey, N.J., Jones, A., et al. on behalf of the BIONIC Research Group (2013). Traumatic Brain Injury (TBI) in Childhood: Injury characteristics and developmental outcomes in a population-based study. *New Zealand Psychological Society Conference*, 6-9th Sept, Auckland, New Zealand.
7. Jones K, R. Krishnamurthi R, Theadom A, Bhatteerchargee R, Barker-Collo S, Feigin V on behalf of the SMART research group (2013). Stroke Self-Management Rehabilitation Trial (SMART-DVD): An International, Multi-Site Pilot Trial. *International Congress for Neurology and Epidemiology*, November 21-23, Abu Dhabi. Jones K, Theadom A, Barker-Collo S, Starkey NJ, Ameratunga S, Parag V, Feigin V, on behalf of the BIONIC Research Group (2013). Childhood Traumatic Brain Injury (TBI) in the Community: Child, Clinical and Environmental Predictors of Cognitive,

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- Behavioural and Quality of Life Outcomes in a New Zealand population-based study. International Congress of Neurology and Neuroepidemiology, November 21-23, Abu Dhabi.
8. Jones K, Theadom A, Barker-Collo S, Starkey NJ, Ameratunga S, Parag V, Feigin V, on behalf of the BIONIC Research Group (2013). Traumatic Brain Injury during Early Childhood: Social-Emotional, Behavioural and Quality of Life Outcomes in a population-based study. Infant and Early Childhood and Social and Emotional Wellbeing Conference, 30th Oct-2nd Nov, Canberra, Australia.
 9. Keogh, J. W. L., Krägeloh, C., Shepherd, D., Ryan, C., Masters, J., Osborne, S., & MacLeod, R. (2013). A cross-sectional comparison of quality of life between physically active and under-active men with prostate cancer. Paper presented at the Prostate Cancer World Congress, Melbourne. *British Journal of Urology International*, 112(1), 57-58
 10. Krishnamurthi, R. A. Jones, V. L. Feigin, S. Barker-Collo, K. McPherson, P. A. Barber (2013). Incidence and Outcomes of TIA: preliminary findings from the population-based Auckland Transient Ischemic Attack Study (ATIAS). Stroke Society of Australasia, Darwin, Australia.
 11. Kersten, P, McPherson K, McCambridge A, Kayes N, Theadom, A. Bridging the intention implementation gap: A feasibility study of 'if-then' planning in neurorehabilitation. New Zealand Rehabilitation Conference, Nelson, New Zealand, 8-10 March 2013.
 12. Kersten P, McPherson K, McCambridge A, Kayes N, Theadom A. (2013). Rethinking measurement in rehabilitation NZ Rehabilitation Conference, Nelson, , 8-10 March 2013
 13. Rutherford S, Theadom A, Hocking C, McPherson K on behalf of the ARCOS IV Programme team .(2013) Capturing the stories behind the numbers: Initial findings from the Life Experiences After Stroke study. New Zealand Rehabilitation Conference, Nelson, New Zealand, 8-10 March 2013
 14. Shannon K, Channon A, Theadom A, McPherson K, *on behalf of the TBI Experiences study team.* (2013). The impact of communication on recovery from traumatic brain injury. Early findings from the Traumatic Brain Injury Experience study. New Zealand Rehabilitation Conference, Nelson, New Zealand.
 15. Shepherd, D. (2013). Being both a health researcher and the parent of a different kind of child. Inspiring Excellence in Autism, Altogether Autism bi-annual conference, Hamilton, New Zealand.
 16. Shepherd, D, & Thorne, R. (2013). Keep it quiet: the Resource Management Act and noise. IUCN Academy of Environmental Law Annual Colloquium, University of Waikato, New Zealand
 17. Shepherd, D. Sound mind in a sound body: health in the noise context. Proceedings of the 42nd International Congress and Exposition on Noise Control Engineering, Innsbruck, Austria, 15-18 September 2013
 18. Starkey, N., Jones, K., Theadom, A., Barker-Collo, S., McPherson, K., Kahan, M., & Feigin, V. (2013). Executive functions in adults at 1, 6 and 12 months after traumatic brain injury. International Neuropsychological Society Conference, 12-14th March, Amsterdam, The Netherlands.
 19. Suh, F. M, Krishnamurthi. R, Schweder, P. M, Taylor, S, McPherson, K, Barker-Collo, S, Barber, P. A, Mee, E. W, & Feigin, V. (2013). *Temporal changes in management and outcomes of subarachnoid haemorrhage: Trends over 30 years.* Oral presentation at Stroke 2013 Conference, 24th Annual Scientific Meeting of the Stroke Society of Australia, Darwin, Australia. Abstract published in *International Journal of Stroke*, Vol8 supplement
 20. Suh, F. M, Krishnamurthi. R, Schweder, P. M, Taylor, S, McPherson, K, Barker-Collo, S, Barber, P. A, Mee, E. W, & Feigin, V. (2013). ARCOS IV a population based study of subarachnoid

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- haemorrhage in the Auckland area. Oral presentation at Circle of Willis Australasia Neurovascular Meeting, Queenstown, NZ
21. Suh, F. M, Krishnamurthi. R, Schweder, P. M, Taylor, S, McPherson, K, Barker-Collo, S, Barber, P. A, Mee, E. W, & Feigin, V. (2013). ARCOS IV in hospital management of subarachnoid haemorrhage patients at Auckland city hospital. Oral presentation at Circle of Willis Australasia Neurovascular Meeting, Queenstown, NZ
 22. Theadom A, Cropley M, Feigin V, Smith H, McPherson K. (2013). Systematic review and meta-analysis of mind-body interventions for fibromyalgia. Positive Psychology Conference 8th June, Auckland, NZ.
 23. Theadom A, Channon A, Shannon K, McPherson KM on behalf of the TBI Experiences Study Team. (2013). 'Like a muscle you work it and it gets better': Taking a positive approach to recovery after brain injury. Positive Psychology Conference 8th June, Auckland, NZ
 24. Theadom A, Feigin V, Barker-Collo S, Starkey N, Jones K on behalf of the BIONIC Research Group (2013). Frequency of recurrent TBI in a NZ based population sample. Australasian Society for the study of Brain Impairment (ASSBI), Hobart, Tasmania 2-4th May.
 25. Tunnage, B., Krishnamurthi, R., Feigin, V., Howie, G. (2013, October) Applying population-based research methods to study the paramedic's contribution to thrombolysis in acute stroke. Paper presented at Paramedics Australasia 2013 National Conference, Canberra, Australia.
 26. Van Bommel, L., and Shepherd, D. (2013). Caregiver stress in carers of individuals with schizophrenia. New Zealand Schizophrenia Research Group Annual Conference, School of Medicine, University of Auckland, New Zealand.

Commissioned Reports:

1. McBride, D., Lovelock, K., Dirks, K. D., Shepherd, D., and Welch, D. (2013). Mapua Epidemiological Study: Final Report. Report submitted to the Health Research Council of New Zealand.
2. Lovelock, K., McBride, D., Shepherd, D., and Billington, R. (2013). Occupational Health of Front Line Workers in Christchurch: Final Report. Report submitted to the Health Research Council of New Zealand.

Book Chapters

1. Kayes N and Theadom A. (2014). Developing a Research Proposal. In V. A. Wright-St Clair, D. Reid & S., Shaw. (Eds). Evidence-based Health Practice. Oxford University Press
2. Krishnamurthi, R.V., Jones, K.M., & Feigin, V.L. Risk Factors and Primary Prevention, in Stroke Management and Recovery. Ovbiagele, B., Editor. 2013, <http://www.futuremedicine.com>, accepted for publication. Future Science Group, United Kingdom.
3. Feigin V., Krishnamurthi R. Epidemiology of stroke. Stroke/Cerebrovascular Disease Oxford Textbooks in Clinical Neurology, 2013 (in press).

Patents

1. Provisional Patent by Nikola Kasabov, Zeng-Guang Hou, Valery Feigin, Yixiong Chen "Improved method and system for predicting outcomes based on spatio / spectro-temporal data." Application # 614708 Spec 238284, August 2013.

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2. Nikola Kasabov, Valery Feigin, Zeng-Guang Hou, Yixiong Chen. "Spiking Neural Network Method and System for Personalised Modelling of Spatio-Temporal Data for Early Prediction of Events and Brain Data Modelling. Preliminary Paten Application, 10 July 2013.