CHIROPRACTIC RESEARCH SEMINAR TALK

When is another randomised clinical trial justified?
By Dr Manuela Ferreira, Senior Research Fellow, Musculoskeletal Division, The George Institute for Global Health (University of Sydney)
on Tuesday, 29 April, 1-2pm, in E8A 280 (Biology Tearoom)

After several clinical trials of a particular health intervention have been conducted, further trials should be conducted only if two conditions are met: (i) a meta-analysis of existing trials does not clearly indicate whether the intervention does or does not produce *clinically worthwhile effects*, and (ii) there is a reasonable expectation that a new trial could resolve this uncertainty. Dr Ferreira will discuss the use of two new methods, the benefit-harm trade-off method and extended funnel plots, to determine if evidence from randomised clinical trials of low back pain indicates whether an intervention does or does not have a *clinically worthwhile effect*; and whether a new trial could change uncertainty in the current evidence.

Dr Ferreira is a physiotherapist with a strong background in clinical research. She completed her PhD at the University of Sydney and currently holds a Career Development Fellowship at the George Institute for Global Health/Sydney Medical School, where she is a Senior Research Fellow. The main strand of her research has been clinical research in back pain, particularly back pain in the elders.