



Project Title: Exploring the landscape of clinical trials in biomedical research		Code: SMS8
Host School / Institute: Sydney Medical School/ NHMRC Clinical Trials Centre		Address: Medical Foundation Building, Level 6, 92-94 Parramatta Rd, Camperdown NSW
Certificates & Clearances required: No		
Primary Supervisor: Prof Lisa Askie		
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Co-Supervisor/team: Anna Lene Seidler		
Project Type: Data Analysis		
Project Category: Epidemiology; Public Health		
Skills / Attributes of a successful student: The student should have skills in data analysis (or be highly motivated to acquire data analysis skills). The student should also have an interest in clinical trials and science communication.		
Project Keywords: Trial Registry; Clinical Trial; Research Priorities		
<p>Project Description: Clinical trials are essential to determine best medical practice and advance clinical care. Registries of clinical trials, such as the Australian New Zealand Clinical Trials Registry (ANZCTR), offer an insight to the clinical trials landscape. The ANZCTR, hosted by the NHMRC Clinical Trials Centre, is an online register of clinical trials being undertaken in Australia, New Zealand and elsewhere. It includes trials from the full spectrum of therapeutic areas of pharmaceuticals, surgical procedures, preventive measures, lifestyle, devices, treatment and rehabilitation strategies and complementary therapies. The ANZCTR collects information on trial characteristics such as the conditions studied, the trial design, type of studied interventions, and funding source. This information can be used to explore clinical trial activity to help clinicians, industry, universities and others in the health care sector to fund, plan, and conduct the most promising and needed trials.</p> <p>The aim of this project will be to use ANZCTR to explore the clinical trials landscape. This can involve identifying trends and associations between trial characteristics, and identifying prioritisation areas. The summer scholar can be involved in choosing a focus area of their interest.</p> <p>The successful applicant will gain an insight to clinical trial registration, critical appraisal of clinical trials, and the field of evaluating and integrating evidence for clinical practice. The summer scholar will improve their data analysis and statistical programming skills. We will be aiming to submit the results of this project for publication. This would reward the summer scholar's involvement with an authorship in a peer-reviewed scientific journal.</p>		