

# Research Protocol Writing Workshop

## Workshop Outline

*To provide an outline and hands-on skills to enable participants to write a research protocol in clinical research, with a quantitative focus.*

**Duration** – Three half days

### **Application**

Please consult our website ([www.sun.ac.za/RDStraining](http://www.sun.ac.za/RDStraining)) for an application form as soon as the application process opens (*usually 4 weeks prior to the event*).

**Venue** – Tygerberg campus

### **Purpose**

- Assist new researchers with designing a clinical research study and putting together a sound research protocol
- Improve the quality of research projects

### **Target Audience**

- FMHS postgraduate students or new researchers who are planning to embark on a quantitative research study in a clinical discipline at Masters or PhD level
- Only those who have already identified a research topic and are in the early stages of writing their protocols should apply
- MMed students are particularly encouraged to participate

### **Workshop Content**

- Introduction to clinical research, Evidence-Based Medicine and protocol overview
- Formulating a research question
- Searching the literature and managing references
- Writing a literature review
- Clinical study design
- Questionnaire design
- Biostatistical applications: Sample size and power calculations, sampling techniques
- Data management and analysis plan
- Ethical aspects
- Budget and timeline

### **Expected Outcomes**

- This is a hands-on workshop where attendees will be given the opportunity to work on various stages of their own research protocol under the guidance of the facilitators
- By the end of the workshop attendees are expected to have worked on the major sections of the protocol and have a clear idea how to complete the rest of the protocol

### **Training Approach**

Participatory and interactive with focus on practical application.

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