

Advertisement: Postdoctoral research opportunity

Department: Global Health

Division: Epidemiology and Biostatistics

Host: Dr Birhanu Ayele and Prof Rhoderick Machekano

Summary:

The mission of the Division of Epidemiology and Biostatistics is to: Increase **knowledge and application** of modern epidemiological and biostatistical techniques among undergraduate and postgraduate students, healthcare professionals and researchers; increase the quality and output of **research** in the Faculty of Medicine and Health Sciences; conduct and support relevant systematic reviews and primary **research** related to evidence-informed health care; conduct methodological research in epidemiology, biostatistics, evidence-based health care and knowledge translation to address unique challenges that may arise; provide **biostatistical consulting and grant preparation** assistance services; and promote the **use of best evidence** in healthcare decision making and the uptake of current best evidence in healthcare policy and practice

A postdoctoral research opportunity, supported by the NIH Fogarty D43 grant, has arisen in the Division for a period of one year, renewable; subject to satisfactory performance. Hosted by Professor Rhoderick Machekano and Doctor Birhanu Ayele, the successful candidate will be expected to conduct methodological research in biostatistics primarily focused towards application to infectious diseases such as HIV/AIDS and TB. As well as advancing their own research agenda, the successful candidate will be involved with developing modules and teaching Masters' level biostatistics and other short courses. The Faculty of Medicine and Health Sciences is involved in multiple research projects with potential for methodological collaborations.

Applicants for this postdoctoral research fellowship must hold (or have been approved for) a doctoral degree in biostatistics (preferable) or statistics; and must provide proof of this at the time of application. The fellowship will involve in-depth formal tutoring and mentorship in biostatistical methods for use in infectious disease research.

Key activities:

- Conduct research on priority biostatistical issues in HIV/AIDS and TB research
- Leading and contributing to the production of peer-reviewed publications and conference presentations
- Actively contribute to teaching within the Division
- To carry out such other duties consistent with a postdoctoral research fellowship of this nature.
- To abide by Stellenbosch University's policies, rules and procedures for postdoctoral research fellows and codes of conduct and rules governing research results, research materials, and intellectual property.

Applications:

- Applications (CV and proof of your PhD qualification, and names and email contacts of two referees) submit to tracin@sun.ac.za
- The closing date for the receipt of applications is 8th November 2019 at 24:00 (Cape Town time).