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CERI

Centre for Epidemic
Response and Innovation



Call for Applications:

Postdoctoral & PhD Research Fellowships in Population Health Innovation

Stellenbosch University (SU) is firmly committed to the pursuit of knowledge, research and innovation, in service of society. We provide a world-class centre for learning and development, which is globally relevant, yet rooted in the upliftment and transformation of our local communities.

The Population Health Innovation program at the Centre for Epidemic Response and Innovation ([CERI](#)) will undertake research focusing on the population-level effects of health interventions addressing the most important diseases affecting vulnerable populations across Africa. We are currently seeking to employ outstanding post-doctoral and PhD researchers to undertake cutting-edge research in three areas:

- Quantification of the shifts in burden of HIV incidence and underlying viral load patterns in a full population cohort in KwaZulu-Natal, South Africa
- A cluster randomized controlled trial to increase uptake of HIV pre-exposure prophylaxis among men in Eastern Zimbabwe
- Use of mobile phone GPS trace data for predicting HIV risk among mobile populations.

The fellows will have access to some of the finest longitudinal datasets in Africa. Fellows will interact with a team of leading trans-disciplinary researchers and will receive hands-on training in Epidemiological, Biostatistics and Geographical Information Systems techniques. Fellows will also be mentored by leading scientists, who commonly publish in some of the top journals of the field (i.e. Science, Nature, NEJM and Lancet). We are looking for statisticians, epidemiologists, geographers, bioinformaticians, econometricians and data scientists with advanced skills.

Fellows will be appointed at the Centre for Epidemic Response and Innovation ([CERI](#)) in the School for Data Science and Computational Thinking at Stellenbosch University in South Africa. Fellows will be awarded a well-paid tax-free fellowship for up to 3 years. The positions are based at superb facilities in Tygerberg and Stellenbosch. Whilst it is expected that fellows will be based on campus, opportunity exist to spend time at CERI's field sites and/or with international collaborators for collaborative visits.

Minimum requirements for the Postdoctoral research fellowships are:

- A background in quantitative methods, which may include Biostatistics, Epidemiology, Econometrics, Data Science, Geography, Mathematical Modelling or a closely related quantitative field is required
- Several high-quality publications as a first author
- PhD must have been obtained within the last 5 years
- For the PhD position, an MSc in Biostatistics, Epidemiology, Econometrics, Data Science, Geography or a closely related quantitative field

[Click here](#) to apply | For more information, contact Prof. Frank Tanser ftanser@sun.ac.za

Deadline for applications: **1st March 2024**. | Start date is open to suit candidate needs