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ROCKEFELLER
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BANK



Stellenbosch
UNIVERSITY

Postdoctoral Research Fellowships in Population Health Innovation (4 positions)

“We invite applications from ambitious post doctoral scientists, to undertake research in a Flagship research programme on epidemics in South Africa”

Prof Frank Tanser, a leading South African epidemiologist has joined the Centre for Epidemic Response and Innovation (CERI) as Director of Population Health Innovation. The Population Health Intervention group will undertake innovative population research focusing on the population-level effects of health interventions addressing the most important diseases affecting vulnerable populations across Africa. Prof Tanser is seeking to employ outstanding post-doctoral researchers to undertake cutting-edge research in three broad areas:

- i) Design of new HIV intervention strategies for rural communities
- ii) The impact of climate change on health outcomes in Africa
- iii) Use of mobile phones, GPS traces and related big-data sets for predicting disease risk.

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. He/she 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) at Stellenbosch University** in South Africa. Postdoctoral Fellows will be awarded a well-paid tax-free fellowship in South African currency for up to 3 years. The positions are based at superb facilities in Cape Town and Stellenbosch, although flexibility exists for time in South Africa and abroad.

The minimum qualifications and experience required for these research posts are:

- PhD in Epidemiology, Biostatistics, Bioinformatics, Econometrics, Data Science, Geography or a closely related quantitative field
- Several high-quality publications as a first author
- PhD must have been obtained within the last 5 years

Interested candidates meeting the above criteria are invited to send their CV's and discuss their interest (which is not restricted to the abovementioned fellowship topic) with Prof. Frank Tanser in the first instance, prior to formal application. Please email Dr. Cheryl Baxter (CERI's head of scientific support) at email: baxterc@sun.ac.za for further information

Start date is open to suit candidate needs, deadline for applications: 1st July 2023, 1st August 2023 and 1st September 2023.