

Africa Health Research Institute (AHRI) invites applications from ambitious post-doctoral epidemiologists, biostatisticians, health economists or geographers to join Professor Tanser's and Wong's research groups at Africa Health Research Institute in **KwaZulu-Natal, South Africa**.

Training involves research in a mentored environment in the areas of population health, epidemiology, and behavioral science for cutting-edge HIV, TB, Covid-19 and multimorbidity related research in South Africa. The successful candidates will have access to one of the largest ongoing population-based cohorts in the world - AHRI's population cohort in rural KwaZulu-Natal, which includes over 90,000 individuals, with individual-level sociodemographic, biological, and clinical record data as well as comprehensive genomics data. The projects will leverage the institute's existing big data infrastructure, next generation viral gene sequencing platform, comprehensive geographical information system as well as the recently established research platform for tracking individual mobility patterns via smartphones - and other on-going projects.

The successful candidates will be mentored by leading scientists, who commonly publish in some of the top journals in the field (*Science*, *Nature* and *The Lancet*). Successful candidates will receive a generous tax-free stipend for two years. Once appointed, the successful candidates will be supported to apply for externally funded personal fellowships and grants.

Two of the candidates will be based at AHRI's Somkhele Research Campus in northern KwaZulu-Natal, surrounded by many areas of outstanding natural beauty such as the St Lucia greater wetland park, Sodwana Bay and many game reserves. The other two candidates will be based at our Durban Research Campus, in the beautiful sub-tropical city of Durban.

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

- PhD in Epidemiology, Biostatistics, Bioinformatics, Econometrics, Mathematical Modelling, Spatial Analytics or a closely related quantitative field
- Several high-quality publications
- Ability to work in a multi-disciplinary team

How to apply

To apply, email a detailed CV, cover letter and a research statement describing your research interests to education@ahri.org before **30 November 2020**. Please use the subject line: **Epidemiologist/Biostatistician postdoc application**. Additionally, please state where you saw the job advert or where you heard about the vacancy.

Candidates wishing to discuss a specific research topic should email Thulile Mathenjwa via thulile.mathenjwa@ahri.org