

Postdoctoral Research Fellowship in HIV Genomics, Bioinformatics & Phylogenetics II

“We invite applications from ambitious post doctoral scientists, to undertake research in a Flagship programme of the Wellcome Trust & MRC in South Africa”

“This Fellowship aims to develop and/or apply phylogenetic software applications to create a framework to identify epidemiologically important HIV strains. The fellow will develop and apply molecular epidemiology and phylogeography techniques to describe the epidemiologically important HIV strains in Africa. These results will be combined with geographic information software in order to produce an online software application to characterize the African and worldwide HIV diversity. The Fellow will have access to some of the best genomic and spatial datasets produced in the world using next generation sequencing techniques and will also have access to a world class genomics and bioinformatics facility. The candidate’s expertise should include advanced of phylogenetics analysis and/or computer programming in Java, C++, PERL, Python or other computer languages. Successful applicants will have to demonstrate their potential to become successful scientists, through high quality publications and the production of innovative bioinformatics software applications”

Fellowship promoters will be appointed at the **Wellcome Trust Africa Centre/UKZN in South Africa** and at **University College of London (UCL)** or **London School of Hygiene and Tropical Medicine (LSHTM)** in the **U.K.** Postdoctoral Fellows will be awarded a well paid tax-free fellowship in South African currency for up to 3 years. Once appointed, the successful candidates will be expected to apply for externally funded personal fellowships to be hosted by UCL or LSHTM. The positions are based at superb facilities in Durban, although flexibility exists for time in South Africa and abroad.

Interested candidates holding a PhD, and with clear evidence of internationally competitive research are invited to send their CV’s and discuss their interest (which is not restricted to the above mentioned fellowship topic) informally with Prof. Tulio de Oliveira in the first instance, prior to formal application. **Please email** Mrs Xolile Kineri (Prof. de Oliveira’s administrator) at email: xkineri@afriacentre.ac.za for further information, Tel: 035 550 7500, Fax: 035 550 7565.

In total, we are advertising up to five Post-Doctoral Fellowships. Potential areas of study include population and biological aspects of HIV in the context of the South African epidemic.