



UNIVERSITY OF
KWAZULU-NATAL
INYUVESI
YAKWAZULU-NATALI



Postdoctoral Fellowship - 2019 Flagship Research Project in Durban, SA.

“Flagship projects, which are trans-disciplinary in scope, are an institution’s highest impact and most prestigious research project. They are essentially big ideas, big science for big impact!” UKZN’s Vice Chancellor.

Post-Doc fellowship in Precision Medicine

“This project aims to identify factors associated with the acquisition and progression of HIV and the development of HIV drug resistance. The postdoctoral fellow will use human and viral genetic data combined with high quality clinical and epidemiological data to characterize genetic and epigenetic factors that are associated with health outcomes. This project has three main aims: i) To characterize host and viral genetic and epigenetic mechanisms associated with acquisition of HIV; ii) To determine the clinical consequences, including HIV acquisition, disease development, morbidity and mortality; and iii) To design and develop precision health approaches to prevent acquisition and progression of disease, and emergence of drug resistance. ***This project exemplifies how analysis of genomic, clinical, social and epidemiological data could directly impact human health in Africa.*** As part of this project the fellow will get hands-on experience in the analysis of epidemiological, clinical and genomic data. He/she will be mentored by leading scientists and clinicians in the field, who commonly publish in some of the top biomedical journals (i.e. Science, Nature, Lancet and NEJM) and who have access to high quality data from large clinic and population-based cohorts as part of collaborative clinical and epidemiological networks. ***We are looking for clinicians, bioinformaticians, statisticians, epidemiologists and/or social scientists with great potential and ambitious to become leading scientists.***

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 supported to apply for externally funded personal fellowships and grants. The positions are based at superb facilities in Durban, although flexibility exists for time in South Africa and abroad. Interested applicants should send an application, which should contain a CV and a motivation letter (max. 500 words) **by 28 February 2019** to Mrs. Gugulethu Mkhize Email: MkhizeG5@ukzn.ac.za, Tel: 031 260 419. More info: <http://www.krisp.org.za>

THE PREMIER UNIVERSITY OF AFRICAN SCHOLARSHIP