



UNIVERSITY of the  
WESTERN CAPE

# Department of Bioinformatics

## Director at Full Professorial Level

The University of the Western Cape (UWC) is host to the South African National Bioinformatics Institute (SANBI). Over the past ten years, SANBI has developed a reputation for genomics research, both nationally and internationally. In South Africa SANBI is recognised for its contribution to Bioinformatics training and research as a an MRC unit for Bioinformatics capacity development, and currently the only DST/NRF Research Chair in Bioinformatics. Internationally, SANBI's reputation has been cemented through ongoing collaborations such as the World Health Organisation Tropical Disease Research Programme, EU framework projects and NIH-funded mammalian transcriptome initiatives.

UWC now wishes to appoint an internationally recognised Computational Biologist as Director of SANBI at the level of Full Professor. The successful candidate will provide direction for the strategic growth of SANBI and carry out cutting-edge Bioinformatics research. As a leading Computational Biologist in South Africa, the candidate will contribute towards genomics capacity building nationally and on the African continent.

Appointment requires a PhD in Bioinformatics or a related mathematical field, coupled with a track record in securing external research funding.

For further information and informal discussion, contact Alan Christoffels on tel. +27 21 959 3645.

# Department of Physics

## Lecturer (3 posts)

The Department of Physics at the University of the Western Cape is one of the leading Physics Departments in South Africa with a large postgraduate component. The Department concentrates on research in Astrophysics, Solid State Physics, Nanoscience, Nuclear Physics and Physics Education. The Square Kilometre Array (SKA) project recently appointed a research chair in Astrophysics at UWC and the Department also boasts an approved Research Niche Area of the National Research Foundation in Material Science and Applied Physics. The proximity of national research facilities, like iThemba LABS, the South African Astronomical Observatory (SAAO) and the MEERKAT project, allows for close collaboration with researchers from these institutions. Three electron Microscopes (SEM, CTEM and a new analytical FEGTEM), a hot-wire chemical vapour deposition system, several nuclear detectors and tools for Material Science preparation and analysis are housed in the Department.

The Department currently wishes to appoint three lecturers linked to the stated research fields supported by the department. The successful candidates will be required to teach at both undergraduate and postgraduate levels, be actively involved in research (which includes the supervision of postgraduate students) and participate in administrative duties.

Appointment requires preferably a PhD in Physics with a track record of high-quality research publications in the relevant research field. Teaching experience at a tertiary institution and the ability to work in a team will strengthen an application.

For further information on these posts, please contact the Departmental Chair, Prof. Reggie Madjoe on tel. +27 21 959 2327.

Forward applications, accompanied by a *curriculum vitae* and the names and full contact particulars (i.e. e-mail & postal addresses, telephone & cell numbers) of at least three referees, to Mr Jason Fortuin, Human Resources Department, University of the Western Cape, Private Bag X17, Bellville 7535, or via e-mail to [jcfortuin@uwc.ac.za](mailto:jcfortuin@uwc.ac.za) (fax +27 21 959 1466).

**Applications close on 28 February 2011.**

In line with the University's commitment to diversifying its workforce, applications from designated groups will be given priority consideration. The University reserves the right not to make an appointment or to make an appointment at a lower level.

A place of quality,  
a place to grow, from hope  
to action through knowledge