

The University of KwaZulu-Natal (UKZN) is committed to Employment Equity

COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE

**ASSOCIATE PROFESSOR (PHYSICS)
SCHOOL OF CHEMISTRY AND PHYSICS
WESTVILLE CAMPUS**

REF NO:CP04/2013

The School offers a vibrant educational and research environment in Chemistry and Physics. The South African Research Chair in Quantum Information Processing and Communication hosted by the University of KwaZulu-Natal, funded by the DST and administered by the NRF resides in the School. Currently, the research of the Chair is focused around open quantum systems, quantum information processing, cold atoms, and quantum cryptography.

In order to enhance the teaching and research capabilities of the Chair, the School seeks to appoint a suitably qualified candidate to the permanent staff with theoretical or experimental expertise in one of the current focus areas or a closely related field.

The incumbent will be expected to conduct independent, externally funded research in one or more of the above focus areas, and to participate actively in teaching at undergraduate and post-graduate levels.

The incumbent will report to the Academic Leader: Physics.

Minimum Requirements:

- A relevant Doctoral degree
- Experience in teaching at a tertiary institution
- A current and sustained record of research productivity, appropriate for the level, demonstrated by publications in ISI/SAPSE accredited peer-reviewed journals
- Evidence of successful postgraduate supervision
- Demonstrated ability to attract research funding

This appointment will be made in line with the University Guidelines/benchmarks which are available on the University Vacancies website on <http://vacancies.ukzn.ac.za/Academic-Process-Proc-Guides.aspx>

Enquiries and details regarding this post may be directed to the Dean and Head of School Professor A Kindness on email: kindnessa@ukzn.ac.za

Appointment to this post will be on the January 2012 Conditions of Service.

The total remuneration package offered includes benefits.

The closing date for receipt of applications is 5 April 2013.

Applicants are required to complete the relevant application form which is available on the Vacancies website at www.ukzn.ac.za. Completed forms may be sent to Recruitment-aes@ukzn.ac.za
Advert Reference Number MUST be clearly stated in the subject line.