

**The University of KwaZulu-Natal (UKZN) is committed to meeting the objectives of Employment Equity to improve representivity within the Institution. Preference will be given to applicants from designated groups in accordance with our Employment Equity Plan.**

**COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE**

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

**REF NO.:CP04/2019**

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 optics.

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 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
- Demonstrated ability to attract research funds
- A current and sustained research record of publications in quality peer-reviewed ISI/SAPSE accredited journals, appropriate for the level appointment
- Successful supervision of postgraduate research students (MSc and/or PhD) in a relevant field of study

**In addition to the above:**

**Associate Professor**

- Successful supervision of postgraduate students including at least one PhD student

Applicants should indicate at which level of the post they wish to be considered for.

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 R Robinson or email: [RobinsonR@ukzn.ac.za](mailto:RobinsonR@ukzn.ac.za)

**Appointment to this post will be on the January 2018 Conditions of Service.**

**The total remuneration package offered includes benefits.**

**The closing date for receipt of applications is 8 March 2019.**

**Applicants are required to complete the relevant application form which is available on the Vacancies website at [www.ukzn.ac.za](http://www.ukzn.ac.za). Completed forms and Curriculum Vitae may be sent to [Recruitment-aes@ukzn.ac.za](mailto:Recruitment-aes@ukzn.ac.za)  
Advert Reference Number MUST be clearly stated in the subject line.**