

The University of KwaZulu–Natal (UKZN) is committed to Employment Equity with the intention to promote representivity within the Institution.

COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE

**PROFESSOR/ASSOCIATE PROFESSOR/SENIOR LECTURER (ORGANIC CHEMISTRY)
SCHOOL OF CHEMISTRY & PHYSICS
PIETERMARITZBURG CAMPUS**

REF NO.: CP03/2017

The School has active research and teaching programmes at the Durban and Pietermaritzburg Centres. The School is seeking to appoint an appointee with experience in the area of natural product synthesis and natural product isolation. The appointee will be expected to teach Organic Chemistry at all levels of the Chemistry programme and some modules in Chemical Technology. The appointee is expected to embark upon an active research programme and to supervise postgraduate students.

The School has state-of-the-art instrumental facilities with excellently equipped undergraduate and research laboratories. The school has an extensive research base with first class spectroscopic and analytical instrumentation in NMR, IR, Raman, Fluorescence, Singlet Oxygen Phosphorescence, Laser Flash Photolysis, X-ray diffraction (powder and single crystal) and electrochemical instrumentation. There is a wide range of HPLC and GC instrumentation available including LC-MS and GC-MS. The University have materials characterization instruments such as the HRTEM, SEM/EDX, BET and AFM among others. The School has also recently appointed an NRF Research Chair in the area of "indigenous knowledge" centred around natural product chemistry.

The incumbent will report to the Academic Leader: Chemistry.

Minimum Requirements:

- A PhD degree in Organic Chemistry
- Experience in teaching at a tertiary institution
- Demonstrated ability to attract external research funds
- A current and sustained research record of publications in quality peer-reviewed ISI/SAPSE accredited journals appropriate for the level of appointment
- Successful supervision of postgraduate students (MSc and/or PhD) in Organic Chemistry

In addition to the above : Associate Professor

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

In addition to the above : Professor

- Successful supervision of MSc and PhD students in Organic Chemistry appropriate for the level of appointment
- Evidence of strong academic leadership

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 & Head of School: Professor Ross Robinson at RobinsonR@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 23 June 2017.

Applicants are required to complete the relevant application form which is available on the Vacancies website at www.ukzn.ac.za. Completed forms and Curriculum Vitae may be sent to Recruitment-aes@ukzn.ac.za

Advert Reference Number MUST be clearly stated in the subject line.