

The University of KwaZulu-Natal (UKZN) is committed to meeting the objectives of Employment Equity to improve representativity 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

POSTDOCTORAL FELLOWSHIP (1 POST)

BIOINORGANIC CHEMISTRY AND RADIOLABELLING STUDIES

SCHOOL OF CHEMISTRY AND PHYSICS

PIETERMARITZBURG CAMPUS

Applications are invited from suitably qualified candidates for an NRF-grant holder linked Postdoctoral Research Fellowship in the School of Chemistry and Physics. The successful applicant will engage in full-time postdoctoral research and contribute to projects in Bioinorganic Chemistry and Radiolabelling studies. The value of the 2025 NRF-grant postdoctoral fellowship is R 320 000 per annum, with the option of renewal for another year based on acceptable performance in the first year.

The research project is entitled *“Imaging and Therapy for cancer and other diseases using radioisotopes of rhenium and technetium compounds linked to biologically active molecules”*. It is supported by the Nuclear Technologies in Medicine and the Biosciences Initiative (NTeMBI). NTeMBI is a national technology platform developed and managed by the South African Nuclear Energy Corporation (NECSA). The cold bioinorganic chemistry will be performed in the School of Chemistry and Physics, UKZN (PMB), under the supervision of Prof Irvin Noel Booysen and Dr Allen Mambanda. Radiolabelling studies will be conducted at NECSA under the supervision of the NECSA Research Leader-Radiolabelling, Dr Molahlehi Sonopo.

Minimum Requirements:

1. PhD in Chemistry (obtained in the last five years) focusing on Bioinorganic Chemistry or Medicinal Chemistry.
2. Evidence of sufficient research publications in Bioinorganic Chemistry or Medicinal Chemistry.
3. Evidence of postgraduate student mentorship and training.

Candidates must forward their detailed CVs to Prof. I Booysen (Booyeni@ukzn.ac.za) by 28/03/2025. Three contactable references must be included in the CV, and certified copies of degree certificates must be attached. No late applications will be considered. If you are not contacted by 11/04/2025 for an interview, please consider your application unsuccessful. Please note that correspondence will be limited

to short-listed candidates. The School of Chemistry and Physics reserves the right not to make an appointment.

Kindly note that the University of KwaZulu-Natal (“the University”) is required to process any Personal Information (as defined by the Protection of Personal Act, 2013 “POPIA”) submitted by candidates when applying for positions at the University. The provision of the Personal Information is a requirement in terms of the University’s recruitment and selection process. The retention of any personal information is as a consequence of the University being bound by legislative requirements and / or good governance practices as well as record keeping for statistical purposes. The University will endeavour to ensure that the appropriate security measures are in place and implemented for both electronic and paper-based formats that are used for processing of the personal information recorded through this recruitment and selection process.