

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
SCHOOL OF LIFE SCIENCES: WESTVILLE CAMPUS

POST DOCTORAL FELLOWSHIP – 1 YEAR
BIOTECHNOLOGY

REFERENCE NO.: SLS44/2023

The School of Life Sciences is well established with a strong research profile and has a large number of undergraduate and postgraduate students. The School offers a vibrant educational and research environment in Life Sciences, with strong national and international collaborative research linkages.

A full-time Postdoctoral Research Fellowship is available in the School of Life Sciences, University of KwaZulu-Natal, Westville Campus. The Postdoctoral Research Fellow will be expected to synthesise, characterise, and test metallic nanoparticles. The incumbent must have extensive experience in synthetic routes for nanoparticles, characterisation techniques and biochemical testing. The duration of the contract is for one-year subject to renewal based on progress. The value of the postdoctoral fellowship is R200 000 per annum.

The incumbent will report to Dr Karen Pillay.

Minimum Requirements:

- PhD degree in Biochemistry, Microbiology or similar.
- Experience in bacterial growth and synthetic strategy for nanoparticle production.
- Full working knowledge and practical experience of nanoparticle characterisation techniques and biochemical assays including antibacterial assays.
- Evidence of DHET accredited publication/s in the above area of research.
- Applicants must be under the age of 45 years.
- Must be based at UKZN for the duration of the scholarship.

The Chair is committed to equity and transformation. Applications from previously disadvantaged population groups and persons with disabilities will be viewed favourably.

Comprehensive applications are invited, comprising of

- A letter of motivation, including the earliest possible starting date
- An up-to-date CV
- Contact details of two academic referees
- A two-page summary of your current and future research interests
- Record of transcripts
- An example of your academic writing skills, by either providing an article or chapter of your PhD thesis

- Copy of ID / permanent residency document. Foreign nationals must be in possession of relevant permits.

CLOSING DATE FOR APPLICATIONS: 15 January 2024.

Applications must be sent to the administrator Xoli Shandu, shandu@ukzn.ac.za indicating the reference number in the email's subject line. Late applications will not be considered. An online interview may take place.

Any questions can be raised by contacting Dr Karen Pillay at muthusamy@ukzn.ac.za. The Chair reserves the right not to make an appointment to this advert.

The successful incumbent will be expected to complete an employment form for the Human Resources Division. This will enable the incumbent to access facilities such as parking discs, personalised e-mail address as well as receive his/her monthly payment timeously.

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.