

The University of KwaZulu-Natal (UKZN) is committed to meeting the objectives of Employment Equity to improve retrospectivity 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 POST)
ONE YEAR FIXED TERM APPOINTMENT (WITH POSSIBILITY
OF RENEWAL SUBJECT TO PERFORMANCE)
REFERENCE NO.: SLS 40/2024

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 field of environmental microbiology and public health. The Postdoctoral Research Fellow will be expected to detect, quantify, and characterize bacterial and viral pathogens circulating in urban sewage and sewage-polluted river waters. Furthermore, the incumbent will be involved in the development and optimization of effective biological systems for wastewater treatment. The incumbent will also be required to be involved in general laboratory operations, training and mentoring of postgraduate students. A strong background in microbial profiling, wastewater analysis and molecular biology techniques is essential.

Minimum Requirements:

- PhD degree in Microbiology or relevant field obtained within the last 5 years.
- A proven research track record in the research area, as evidenced by at least five recent publications in peer-reviewed ISI/DHET rated journal.
- Relevant knowledge and practical experience in the field of Environmental Microbiology and Public Health.
- Relevant experience in postgraduate mentorship.
- Applicants must be under the age of 45 years at the time of application.

CLOSING DATE FOR APPLICATION: _02_December 2024

Applicants are required to submit the following:

- **A letter of motivation, including the earliest possible starting date**
- **A detailed CV including the list of publications up-to-date**
- **Contact details of two academic referees**
- **A certified copy of the applicant's doctoral degree certificate or PhD award letter/relevant evidence of pending completion**
- **A certified copy of the applicant's ID / permanent residency document / foreign nationals must be in possession of relevant permits.**

Applications must be emailed to Miss Xoli Shandu, shandu@ukzn.ac.za. The subject line must clearly indicate the reference no. Late applications will not be considered.

Enquiries and details regarding this post may be directed to Prof AO Olaniran at Olaniran@ukzn.ac.za OR Prof MA Adeleke at Adelekem@ukzn.ac.za.

Please note that correspondence will be limited to short-listed candidates. The School of Life Sciences 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.