



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

The University seeks to recruit applicants with requisite qualifications, skills and experience for the following posts in the Applied Genetic Testing Centre: -

1. RESEARCH FELLOW (3 POSTS)

POST A: Forensic Genetics (Human Identification)

Applicants must hold a Bachelor's degree in Biological Sciences, Biochemistry or Forensic Science, with significant genetics and molecular biology content plus a Master of Science degree in Biotechnology, Molecular Genetics or Forensic Genetics. A PhD qualification in the above listed areas, as well as a proven hands-on forensic genetics service provision or research background would be added advantages.

The successful candidate must be able to work independently in the entire human identification and relationship testing workflow using Short Tandem Repeats (STR) technologies. Furthermore the candidate must be able to coordinate the routine maintenance of laboratory equipment and procurement of requisite reagents and consumables.

POST B: Molecular Diagnostics

Applicants must hold a Bachelor's degree in Biological Sciences, Medical Laboratory Technology or Biochemistry with significant Microbiology, Virology, and Molecular Biology content, plus a Master of Science degree in Medical Microbiology, Biochemistry, Biotechnology or Molecular Biology. A PhD qualification in any of the above listed areas, as well as a proven applied research background would be added advantages.

The successful candidate will be responsible for designing innovative molecular diagnostic assays and kits for applications in medical, veterinary and crop pathogen identification and quantification. Furthermore, they will perform molecular based laboratory tests.

POST C: Oligonucleotide Synthesis

Applicants must hold a Bachelor's degree in Biological Sciences, Biochemistry with significant Genetics, Molecular Biology or Organic Chemistry content, plus a Master of Science degree in Biotechnology or Molecular Genetics. A PhD qualification in any of the above listed areas, as well as a proven applied research background would be added advantages.

Successful candidates will have knowledge of phosphoramidite chemistry and experience with operation of specialized oligonucleotide synthesizers. They will lead in developing processes and methods for high throughput commercial synthesis, deprotection, and purification of ordinary and chemically modified oligonucleotides for use in diagnostics and forensic genetics.

CONDITIONS OF SERVICE

An attractive package which includes Medical Aid, Leave and Pension Benefits is offered; details of which will be disclosed to shortlisted candidates.

APPLICATION PROCEDURE

All applications will be treated in strictest confidence. Applications, which should include a Curriculum Vitae (giving full personal particulars of applicant, including full names, place and date of birth, qualifications, employment and experience, present salary, telephone numbers and the names, addresses (including e-mail) and telephone numbers of three contactable referees) and copies of certificates must be addressed to:

The Senior Assistant Registrar
Human Resources Department
National University of Science and Technology
P O Box AC 939Ascot
Bulawayo, ZIMBABWE

And e-mailed to: recruitment@nust.ac.zw in a **single pdf file** clearly indicating the position being applied for in the subject line.

The National University of Science and Technology is an equal opportunity employer. In the interest of promoting gender parity, female candidates are encouraged to apply.

The closing date for receipt of applications is Friday, 26 April, 2024.

ONLY SHORTLISTED CANDIDATES WILL BE CONTACTED.