

SEP 2021

## GUIDELINES TO APPLICANTS

1. If you meet the requirements, kindly forward a concise CV to The relevant Practitioner/Administrator (Human Resources) by email or logging on to the NHLS career page <http://careers.nhls.ac.za> (I-Recruitment), quoting the reference number and the job title.
2. Response Email addresses of the relevant HR representative and or Region is supplied at the end of each regional adverts. The onus is on the applicant to ensure that their application has been received. Incomplete applications and applications received after the closing date will not be considered.
3. Any credentials of the contract of employment will be subject to criminal record checks, citizen verification, financial record checks, qualification/Study verification, previous employment verification, social media accounts behavior/comments verifications, competency/psychometric assessments, signing of performance contract on appointment, signing of an employment contract on appointment, presentation etc.
4. All health professional roles may be subjected to further assessment in line with the applicable proficiency matrix to determine the correct level and or grade.
5. The NHLS reserves the right, at its discretion, to remove the advertisement and or not to appoint.
6. Internal employees are required to complete a period of twelve months in current role before they can be eligible to apply for transfer.
7. Proof of registration with a Professional body (e.g. HPCSA, SANC etc.) and other supporting documents should accompany all applications.
8. These positions are open to all employees of the NHLS Including the employees who are on contract in similar or different positions.
9. Correspondence will be limited to shortlisted candidates only.
10. The NHLS is an equal opportunity, affirmative action employer. The filing of posts will be guided by the NHLS employment Equity Targets.
11. Successful applicants will be remunerated on the published scale associated with the grade of the post. This means that the remuneration of an applicant who is successful for a position that is lower than his/her current job grade will be adjusted downward with effect from the date of appointment.
12. External applicants shall be responsible for all expenditure related to attendance of interviews.

This is an open bulletin; External applicants are welcome to apply for this bulletin.

***NB: The NHLS/ NICD is an equal opportunity employer thus the filling of posts will be guided by the NHLS/NICD Employment Equity Targets. Suitably qualified candidates from all designated groups are encouraged to apply.***

**CLOSING DATE: 08 OCTOBER 2021**

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## GRANTS MANAGEMENT AND ADMINISTRATION

BUSINESS UNIT:	NICD
DISCIPLINE:	CENTRE FOR EMERGING, ZOO NOTIC AND PARASITIC DISEASES
LOCATION:	SANDRINGHAM
POSITION:	MEDICAL SCIENTIST (FIXED TERM CONTRACT: 12 MONTHS RENEWABLE)
PAY GRADE:	MSE
REFERENCE NUMBER:	NICDCDC0921/002-01

**This position is for a medical scientist who is able to conduct research and to provide scientific support in the area of malaria parasite molecular surveillance in order to fulfil the malaria molecular surveillance mandate of the NHLS.**

### Key Job Responsibilities

■ Perform ethical and relevant research (basic and applied) that will provide new information on human diseases or disease-causing agents and which promotes the NHLS' goal of becoming a world-class research organization ■ Apply specialised knowledge in order to diagnose disorders, diseases and pathogens and provide interpretation of results and consultation so that appropriate treatment or control methods can be implemented ■ Evaluate and implement appropriate tests, to improve existing laboratory tests and expand the test repertoire in order to enhance the provision of pathology services ■ Contribute to the teaching of students (from NHLS or academic institutes), health professionals and technical staff in research skills in order to develop research capacity ■ Train students, health professionals and technical staff in laboratory skills and health sciences to ensure that they can deliver improved and effective diagnostic services ■ Write scientific reports and papers for submission to scientific, peer reviewed journals and congresses in order to disseminate new research findings ■ Maintain project documentation, in order to create a scientific audit trail ■ Contribute to translation of research to enhance the diagnostic platform and policy ■ Maintain total quality management of the laboratory to ensure accurate and reliable results of research analyses.

### Minimum requirements and key competencies

■ Bachelor of Science degree (Honors) ■ Registration with HPCSA desirable ■ Scientific research experience, ideally in malaria ■ Published scientific research at least once ■ Previous experience in a diagnostic laboratory ■ Knowledge of appropriate research methodologies ■ Knowledge of writing research publications ■ Knowledge of grants applications processes ■ Knowledge of research ethics ■ Knowledge in the use of web based databases ■ Communication skills (verbal and written) ■ Troubleshooting skills ■ Good interpersonal skills and able to work within a multidisciplinary team and independently ■ Teaching and training skills ■ Attention to detail ■ Scientific writing skills ■ Analytical skills ■ Basic Bio statistical Skills ■ Time management ■ Computer Literacy ■ Innovation and problems solving skills ■ Ability to write and publish findings in scientific journals.

Enquiries may be directed to Kgaugelo Mkwanazi @ 011 386 6090, email application to [Recruiter3@nicd.ac.za](mailto:Recruiter3@nicd.ac.za)

**BUSINESS UNIT:** NICD  
**DISCIPLINE:** CENTRE FOR VACCINES AND IMMUNOLOGY  
**LOCATION:** SANDRINGHAM  
**POSITION:** MEDICAL TECHNOLOGIST (FIXED TERM CONTRACT: 9 MONTHS)  
**PAY GRADE:** MT1  
**REFERENCE NUMBER:** NICDCDC0920/002-02

**Conducts and monitors a variety of molecular testing on wastewater samples to provide accurate laboratory test results to aid in tracking the prevalence of COVID-19**

### Key Job Responsibilities

■Manage sample collection and suitability for analysis to ensure that equipment is maintained according to defined SOP and prepare reagents and media where applicable ■Manage data required for the efficient functioning of the lab in order to meet statutory and clinical requirements ■Use molecular testing (RT-PCR, RT-qPCR) to detect SARS-CoV-2 in wastewater according to defined SOPs and enter results onto the dashboard ■Use amplicon-based sequencing to amplify the entire genome of SARS-CoV-2 in wastewater ■Ensure that quality services are supplied to customers by monitoring work, staff and equipment to obtain maximized outcomes ■Maintain safety standards in accordance with OHSA ■Conduct, process and interpret tests in terms of prescribed procedures, monitoring quality at all times ■Verify and report results (interpret where applicable) and ensure that results are delivered timeously ■Undertake troubleshooting where necessary ■ Accurate interpretation of results ■Keep abreast with research in order to make informed decision on existing lab test and technique ■ Encourage colleagues on training and development of peers, medical professionals and community health care to ensure the delivery of high lab service standard ■Interprets laboratory findings and completes technical reports. Maintains records and documentation of test results and patient information ■Operates various analytical equipment for medical microbiological tests. Monitors, calibrates and maintains devices according to relevant standards ■Adheres to quality assurance policies and procedures to ensure the accuracy of laboratory results. Coaches and provides technical support to Lab Technicians, Student Medical Technologists, Registrars, Pathologists and Laboratory Assistants.

### Minimum Requirements and Key Competencies

■National Diploma in Medical Technology or Biomedical Technology or Bachelor of Health Science- Biomedical Technology ■HPCSA registration (Virology, Molecular Biology, Microbiology or Clinical Pathology) as a Medical Technologist ■ Knowledge for the usage of specialised instrumentation ■Accuracy and organisational skills ■Attention to detail striving for an error free standard ■Computer literacy ■Ability to establish and monitor programmes that ensure data accuracy ■Ability to work independently and collaboratively ■Ability to identify problems and troubleshoot ■Communication Skills (Verbal, written & presentation) ■Accuracy skills ■Time management and evaluation skills.

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