

OCTOBER 2025

GUIDELINES TO APPLICANTS

1. If you meet the requirements, kindly email a detailed CV to the relevant Practitioner/Administrator (Human Resources), quoting the reference number and the job title. Should you be in possession of a foreign qualification, it must be accompanied by an evaluation certificate from the South African Qualification Authority (SAQA).
2. Proof of current registration with a Professional body (e.g., HPCSA, SANC, etc.) and other supporting documents should accompany all applications e.g., qualification's identity document, driver's license etc.
3. Response Email addresses of the relevant HR representative and is supplied at the end of each regional advert. 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.
4. Candidates' credentials will be subjected to criminal record checks, citizen verification, financial record checks, qualification/Study verification, previous employment verification, and social media accounts behavior/comments verifications.
5. Candidates may be required to undergo competency/psychometric assessments, presentations, typing tests, or any other related assessments.
6. All health professional roles may be subjected to further assessment in line with the applicable proficiency matrix to determine the correct level.
7. At its discretion, The NHLS reserves the right to remove the advertisement and or not to appoint.
8. Correspondence will be limited to shortlisted candidates only.
9. These positions are open to all employees of the NHLS Including the employees who are on contract in similar or different positions.
10. Internal employees are required to complete a period of twelve months in their current role before they can be eligible to apply for transfer.
11. The NHLS is an equal opportunity, affirmative action employer. The filling of posts will be guided by the NHLS employment Equity Targets.
12. Successful applicants will be remunerated on the entry level of the published pay scale associated with the advertised position grade and in line with the recruitment and selection policy, salary offer clause. 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.
13. **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 11 NOVEMBER 2025

TABLE OF CONTENT

TABLE OF CONTENT	PAGE
NICD VACANCY	1-13

BUSINESS UNIT: NICD
DISCIPLINE: DIVISION OF PUBLIC HEALTH SURVEILLANCE AND RESPONSE
LOCATION: WESTERN CAPE
POSITION: SURVEILLANCE OFFICER (FIXED TERM CONTRACT ENDING 30
SEPTEMBER 2026)
PAY GRADE: C2
REFERENCE NUMBER: NICD1025/001-03

To collect quality clinical data and samples from patients at designated sites for the relevant surveillance projects as per protocol. The surveillance officer will be involved in clinic, community and hospital-based surveillance and research for programmes/ projects that link with and fall under the GERMS-SA surveillance and syndromic surveillance programme. This includes syndromic pneumonia, diarrhoeal and laboratory-based surveillance at certain sites.

Key Job Responsibilities

■ Rapidly identify surveillance cases by close liaison with clinicians and laboratory personnel, daily review of all new admissions, and by using other methods that are in place for that site ■ Obtain informed consent and interview patients, clinicians and relatives to fulfill ethical requirements and ensure reliability of data ■ Complete case report forms by interview and/or record review and submit timeously ■ Conduct pre- and post-test counseling for HIV testing, as specified in the relevant surveillance or research protocol ■ Take/ collect relevant specimens (nasopharyngeal, oropharyngeal, nasal and stool swabs, and venipuncture) from patients for laboratory testing as per protocol ■ Monitor the progress and outcome of patients in and out of the hospital to ensure accurate data collection and recording ■ Produce weekly stats reports ■ File surveillance and research records on-site after data collection, according to the relevant protocol ■ Actively participate in and contribute to surveillance-related activities ■ Must be willing to travel between the various sites and may be required to do patient home visits ■ Assist to obtain permission and ethics approval for surveillance and research activities in the region ■ Perform tasks assigned by the line manager, related to NICD surveillance and research and assisting with hospital screening and specimen-taking

Minimum requirements & key competencies

■ 3 years Nursing qualification ■ Registered with SANC as a Professional/Registered nurse ■ 4 years clinical experience post qualification ■ 2 years research/surveillance experience ■ Knowledge of infection prevention and control procedures ■ HIV counselling and testing certificate will be advantageous ■ Good Communication skills both written and verbal (advantageous if proficient in English and languages used at the advertised site) ■ Computer Literacy: Microsoft office skills (Word, Excel and Power Point) ■ Valid driver's license (manual) ■ Enthusiastic and keen to learn ■ Own car would be preferable ■ Good clinical practice certificate (GCP) preferable ■ Ability to produce reports. Ability to maintain confidentiality, diplomacy and professionalism at all times. ■ Ability to work under pressure and adhere to deadlines ■ Strong managerial and organizational abilities with attention to detail ■ Self-motivated, able to work independently and as part of a multidisciplinary team

Enquiries may be directed to Lethabo Matlala @ 011 386 6090, email application to Recruiter6@nicd.ac.za

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR EMERGING ZONOTIC AND PARASITIC DISEASES
LOCATION: SANDRINGHAM
POSITION: MEDICAL SCIENTIST SENIOR (AMENDMENT AND
READVERTISEMENT)
PAY GRADE: MSI
REFERENCE NUMBER: NICD0925/001-02

To promote research and development and maintain first world laboratory medicine and practice refined and specific procedures to achieve a final diagnosis for clinical application.

Key Job Responsibilities

■ Co-manage research and development with a Medical Scientist or Pathologist ■ Publish peer-reviewed articles. ■ Training and co-supervision of staff, intern scientists, technologists and students including involvement in the development and delivery of training programs and /or other tools. ■ Presents at national and/or international conferences /research days/ forum ■ Conducts tests and/or procedures independently, interprets and authorizes results. ■ Provide input into scientific changes, enhancements to SOPs ■ Participation in development and validation of new tests ■ Producing standard and complex reports ■ Maintenance and administration carried out according to internal and external requirements ■ Participation in Quality Management which includes identification of quality related problems and resolving them and active participation in maintaining SANAS accreditation.

Minimum requirements & key competencies

■ MSc or equivalent in medical entomology/biology or relevant field ■ Experience in insect disease vector surveillance in the field ■ Willingness to conduct extensive and ongoing field surveillance in collaboration with local Department of Health personnel ■ Three years' experience as a scientist ■ Project leader on at least one project protocol: evidence of co-managing project finances and development and validation of either one new diagnostic methodology or significant modifications to one existing scientific application/procedure ■ ■ Up to three peer reviewed journal manuscripts/s or book chapters as first author or at least five co-authored publications ■ Successfully supervise postgraduate students – BSc Hons, MSc and successful graduation of one or more postgraduates and at least two under supervision or co-supervision ■ Knowledge of laboratory instruments ■ Knowledge of interpreting numerical laboratory results ■ Analytical skills Communication skills ■ Customer care ■ Problem solving skills ■ Attention to detail

Enquiries may be directed to Kgaogelo Mkwanazi @ 011 386 6090, email application to Recruiter3@nicd.ac.za

BUSINESS UNIT: NICD
DISCIPLINE: MANAGEMENT AND ADMINISTRATION
LOCATION: SANDRINGHAM
POSITION: LEAD DATA ANALYST (RE-ADVERTISEMENT)
PAY GRADE: D2
REFERENCE NUMBER: NICD0725-001-05

The Lead Data Analyst is responsible for the strategic design and optimisation of the Surveillance Data Warehouse and its analytics environment. By leveraging deep expertise in data architecture and a nuanced understanding of stakeholder information needs, the incumbent ensures the delivery of accurate, actionable insights that support surveillance and public health objectives. This role leads data quality initiatives, drives analytical innovation, and fosters cross-functional collaboration to enable evidence-based decision-making across the organisation.

Key Job Responsibilities

■ Drive improvements in data accuracy within the Surveillance Data Warehouse by leading collaborative efforts with cross-functional specialists to identify and resolve data quality issues. ■ Oversee data profiling and report design, ensuring outputs are validated and aligned with the evolving information needs of internal and external stakeholders ■ Proactively identify and recommend system enhancements to address changing business requirements and stakeholder expectations, ensuring continuous improvement in data services ■ Establish and maintain robust data mining frameworks, including coding standards and analytical methodologies, to support scalable and efficient data analysis ■ Contribute to the development and refinement of data governance policies and procedures, ensuring alignment with organisational standards and regulatory requirements ■ Conduct strategic research and provide expert recommendations on data mining tools, services, protocols, and standards to support procurement and system development initiatives ■ Lead the design and deployment of complex data queries, ensuring timely and accurate responses to business intelligence needs in support of the organisation's surveillance mandate ■ Champion quality assurance practices across data mining and analysis activities, promoting consistency, reliability, and integrity of analytical outputs ■ Manage change control and testing processes for modifications to data models, ensuring that updates are thoroughly validated and documented ■ Define and maintain data definitions for new and existing database structures, ensuring clarity, consistency, and usability across the organisation ■ Profile data and design reports to meet stakeholder information needs ■ Support researchers by facilitating access to relevant data parameters, ensuring alignment with research objectives and data integrity standards ■ Design and execute comprehensive testing protocols, including test scenarios and scripts, to validate data solutions against business requirements and quality benchmarks. ■ Mentor and coach team members, fostering a culture of continuous learning, cross-training, and knowledge sharing to build analytical capability.

Minimum requirements & key competencies

■ Bachelor's degree in Biological sciences, Epidemiology, Computer Science or Health sciences ■ Postgraduate qualification in Epidemiology, Public Health, or a relevant discipline (Desirable) ■ Training in Data Warehousing and Data Quality (Desirable) ■ Certification in MicroStrategy or other enterprise analytical reporting tool (Desirable) ■ 8 years' experience in data analytics, data warehousing, data quality or analytical reporting, of which 3 years should be at a supervisory or team lead level ■ Experience in data warehousing and/or data analysis and/or data quality and/or analytical reporting ■ Proficiency with data visualization and reporting tools, including MicroStrategy, SQL and Power BI ■ Minimum of 1 year laboratory experience (Desirable) ■ Strong understanding of data mining models, structures, theories, principles, and practices ■ Understanding of South African data protection regulations (e.g. POPIA)

■Knowledge of data modeling. Strong familiarity with data preparation and processing■Knowledge of applicable data privacy practices and law
■Knowledge of data quality management practices ■Knowledge of Python(Desirable) ■Proven analytical and problem-solving abilities ■Ability to conduct research into data mining issues, practices, and products as required■Keen attention to detail■Advanced communication (verbal)
■Strong technical documentation skills■Highly self-motivated and directed■Ability to work in a team-oriented, collaborative environment
■Advanced computer skills ■Good interpersonal skills ■Ability to lead workshops and to present ideas in a user-friendly language■Ability to effectively prioritize and execute tasks in a high-pressure environment■Time management ■Ability to communicate with senior managers.

Enquiries maybe directed to Mammei Hlehlisi- Galo @ 011 555 0581, email full applications to Recruiter4@nicd.ac.za

GRANTS MANAGEMENT AND ADMINISTRATION

BUSINESS UNIT: NICD
DISCIPLINE: INFORMATION TECHNOLOGY
LOCATION: SANDRINGHAM
POSITION: ANALYST DEVELOPER * 4
(FIXED TERM CONTRACT – 6 MONTHS) (READVERTISEMENT)
PAY GRADE: C5
REFERENCE NUMBER: NICD0925/002-01

Provide complex IT software solutions by working closely with business users throughout all phases of the software development lifecycle (SDLC) in support of the Institutes business processes.

Key job responsibilities

■ Follow and use proper project management principles on all projects ■ Participate in projects to understand new target systems' processes and provisioning needs and implement solutions ■ Communicates any and all progress, roadblocks, issues to the team and management in a timely manner ■ Facilitate Joint Analysis and Design (JAD) sessions, conduct business interviews and other information gathering techniques in order to determine business requirements ■ Analyse and document business requirements in consultation with users according to appropriate methodology and techniques ■ Design complex technical solutions in line with the Business requirements to ensure clarity and completeness of the solution ■ Develop and debug complex system components in line with technical specifications for quality implementation purposes ■ Determine and evaluate performance measures of the system to ensure optimal utilization ■ Scrub, manipulate and load data from other sources into the systems to ensure accuracy and correctness of information ■ Provides code review, testing, debugging, technical documentation, general testing instructions, and lead/assist in go-live planning, go-live moves, and post-live support ■ Troubleshoot and support issues identified ■ Ensure all change management and compliance procedures are being followed ■ Oversee resources associated with the design, development, testing and implementation phases of projects to ensure quality deliverables and assist in their growth ■ Provide training and documentation to relevant stakeholders to ensure they understand and can achieve optimal system utilization ■ Perform other duties within scope as required or assigned by emergency or other operational reasons for which the employee is qualified to perform.

Minimum requirements & key competencies

■ NQF Level 6 (Information Technology/Computer Science/Software Development/Software Engineering) ■ Minimum 3 years' experience as a Software Developer ■ 3+ years' experience with Microsoft .NET Core/.NET 5+ development using C# ■ Microsoft technologies including: ASP.NET Core, Entity Framework Core, and LINQ, modern web and mobile development frameworks and technologies including: Front-end: JavaScript (ES6+) - **Critical** ■ TypeScript, ReactJS, Angular, or Blazor ■ Backend: RESTful APIs, ASP.NET Core Web API, Styling: CSS3, SASS/SCSS, and responsive design frameworks (e.g., Bootstrap, Tailwind) ■ Database development including relational database design (SQL Server or PostgreSQL), SQL, and ORM tools like EF Core ■ UI/UX design and rapid prototyping ■ Experience with version control and CI/CD tools (e.g., Git, GitHub/GitLab, Azure DevOps, or Jenkins) - **Critical** ■ Experience leading and managing software development projects in structured or Agile environments ■ Proficient in software modelling using UML and/or modern design tools (e.g., Lucidchart, Draw.io) ■ Experience developing and integrating solutions with Microsoft 365 and SharePoint Online (Power Platform experience advantageous) ■ Strong understanding of the Software Development Life Cycle (SDLC) ■ Experience with unit testing and automated testing frameworks (e.g., xUnit, NUnit, Selenium, Playwright) ■ Familiarity with Agile methodologies (Scrum/Kanban) and DevOps practices - **Critical** ■ Experience with asynchronous programming, parallelism, and concurrency in modern .NET ■ Strong skills in debugging, performance tuning, and application optimization ■ Deep understanding of Object-Oriented Programming (OOP), Service-Oriented Architecture (SOA), and microservices.

Enquiries may be directed to Kgaogelo Mkwana @ 011 386 6090, email application to Recruiter3@nicd.ac.za

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR EMERGING ZONOTIC AND PARASITIC DISEASES
(MUSEUM OF MEDICAL ENTOMOLOGY)
LOCATION: SANDRINGHAM
POSITION: RESEARCH ASSISTANT (FIXED TERM CONTRACT ENDING JUNE
2026)
PAY GRADE: B2
REFERENCE NUMBER: NICDCDC1025/001-01

To assist with the curation and management of the NICD's museum of medical entomology housed at the Vector Control Reference Laboratory (VCRL)

Key Job Responsibilities

■ Assist with the maintenance and management of the museum specimens and associated database by capturing and updating relevant information and specimen collection reports ■ Assist with teaching and training of students/visitors to the museum on aspects of insects of medical importance ■ assist with the setting up of exhibitions and training materials as required ■ Assist with museum management and administration ■ Assist VCRL staff and students in locating museum and library materials ■ Assist in the preparation of presentations, report writing and other project-related topics ■ Assist with reagent stock maintenance and management of museum documents assist with generating museum documentation such as log sheets, visitor's logs and other museum-related forms ■ Assist with the induction and training of new staff on pertinent aspects of the museum and specimen collections ■ Attend laboratory and museum management meetings as requested to review ongoing performance ■ Actively participate in and contribute to museum research projects.

Minimum Requirements and Key Competencies

■ Grade 12 plus Higher certificate NQF level 5 equivalent ■ BSc Honours in biological sciences or arts advantageous ■ 6 months in supporting research projects ■ years work experience in museum management or related work ■ Work experience in organising teaching/training events or as a facilitator of museum exhibitions ■ Teaching and administrative experience ■ General knowledge of museum curation and communication skills ■ Attention to detail ■ Basic computer knowledge (Ms Word, Ms Excel, Outlook) ■ Self-motivated, dedicated and resilient ■ Facilitation, planning and organizational skills ■ Good interpersonal skills.

Enquiries may be directed to Lethabo Matlala @ 011 386 6090, email application to Recruiter6@nicd.ac.za

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR RESPIRATORY DISEASES AND MENINGITIS
LOCATION: SANDRINGHAM
POSITION: EPIDEMIOLOGIST (FIXED TERM CONTRACT UNTIL 31 AUGUST 2026)
PAY GRADE: D1
REFERENCE NUMBER: NICDCDC1025/001-02

To provide expertise and support for all the existing activities of the Centre for Respiratory Diseases and Meningitis (CRDM) with specific reference to epidemiological support for surveillance activities, outbreak response and research studies at CRDM.

Key Job Responsibilities

■ Provide epidemiologic support for all activities of the CRDM with specific reference to laboratory-based and syndromic surveillance, research activities, outbreak investigations and pandemic response requiring support ■ Play a lead role in the development of investigation forms, standard operating procedures, database development real time data checks, preparing weekly surveillance and research reports and supporting site staff with project activities ■ Assist with CRDM related surveillance and other activities as need ■ Train the appropriate audiences on study procedures, databases and reporting ■ Strengthen electronic systems for accessing NHLS and private laboratory data for epidemiological applications with specific reference to CRDM surveillance and research ■ Generate reports, interpret data and provide analyses to ensure that accurate data are available for analysis and preparation of manuscripts ■ Keep up to date with relevant, current and emerging research, methods and technologies to ensure personal growth and development, perform appropriate research and publish in relevant scientific journals ■ Comply with any reasonable and lawful instruction issued by the manager..

Minimum requirements & key competencies

■ MSc in Public Health and / or MPH Field Epidemiology or relevant equivalent (essential) ■ Valid driver's license [Code E / EB] ■ 5 years' experience in applied epidemiology, public health and communicable diseases post MSc/MPH qualification (essential) ■ Experience with data analysis and database development (essential) ■ Competency in Microsoft Excel, R Studio and Stata (essential) ■ Infectious diseases epidemiology experience (essential) ■ Research experience ■ Skilled in epidemiology and application of epidemiological skills ■ Understand the research process, field research experience ■ General management and administration (desirable) ■ Knowledge of and insight into NHLS and NICD laboratory practice (desirable) ■ Communication skills (verbal & written) ■ Ability to work under pressure ■ Interpersonal skills ■ Time management ■ Attention to detail ■ Planning and organizing skills ■ Thinking on one's feet ■ Assertiveness ■ Flexibility / Adaptability ■ Ability to produce statistics ■ Report writing skills ■ Diplomatic skills ■ Teaching / Training.

Enquiries may be directed to Palesa Nong @ 011 386 6454, email application to Recruiter2@nicd.ac.za

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR RESPIRATORY DISEASES AND MENINGITIS
LOCATION: SANDRINGHAM
POSITION: FIELD PROJECT COORDINATOR (FIXED TERM CONTRACT UNTIL 31 AUGUST 2026)
PAY GRADE: C3
REFERENCE NUMBER: NICDCDC1025/001-03

To coordinate an effective, efficient and quality surveillance and/or research project to reach the project targets and timelines in line with business needs while ensuring a high quality of incoming data

Key Job Responsibilities

■ Coordinate and understand all the numerous CRDM surveillance and/or research projects in all provinces and oversee the applicable projects in order to ensure that correct procedures are followed ■ Supervise staff at sites and oversee that sufficient staffing levels are maintained for the project's smooth functioning ■ Oversee that sufficient stock levels are maintained and necessary resources are acquired when needed for the department's smooth functioning ■ Train, develop and manage staff to ensure they have the skills required by the organization and are able to achieve their performance objectives ■ Perform site visits in all provinces to monitor projects, recruit new sites/partners or to encourage site retention ■ Perform the required audits / checks, e.g. for correctness of data, quality and consistency and generate data queries for the site surveillance and/or research staff through paper based case report forms and electronic mobile capture of forms in order to maintain the integrity of the program ■ Assist with submission and obtaining ethics approval and permissions for surveillance and research projects in order to ensure that research and surveillance is carried out with permissions in place and in ethical manner ■ Oversee the implementation of and compliance to policies to ensure a standardized workplace as well as updating existing project SOPs and writing of new SOPs to ensure that best practice guidelines are maintained ■ Assess the surveillance and/or research project's needs in order to make input into the annual budget ■ Organize and run meetings with subordinate staff to ensure that feedback and training are given regularly, e.g. surveillance officer meetings, weekly teleconference, etc. ■ Generate surveillance/project reports and management/funder reports as required to monitor work and performance status of the services and take corrective action when needed ■ Advise subordinate staff/partners on project related queries in order to resolve these queries timeously and follow up surveillance cases in order to receive clinical information ■ Ensure all project documents are kept up to date in line with approved protocol and filed for record and audit purposes that complies with GCP and research ethics ■ Conduct monthly stock taking accordingly in compliance with the inventory policy and coordinate procurement and delivery of stock ■ Schedule and attend technical meetings, prepare notes and undertake follow-up actions related to project ■ Communicate effectively with national and international partners ■ Keep up to date with relevant, current and emerging research, methods and technologies to ensure personal growth and development as well as to initiate and assist in new research projects, present data at conferences and publish papers

Minimum requirements & key competencies

■ Degree in Health Care / Allied Health e.g. Pharmaceutical, Social Work, Nursing, Veterinarian Sciences (Essential) ■ Registration with the appropriate regulatory board (Essential) ■ Masters in Public Health / Epidemiology or progress towards the said post graduate training (Desirable) ■ Valid Drivers license ■ 5 to 8 years post qualification experience in the relevant field ■ 3 years research / Surveillance experience ■ 3 to 5 years in Management ■ Epidemiology / Public Health experience (Desirable) ■ Supervision of staff ■ Knowledge of surveillance and research methodologies ■ Knowledge of good Clinical Practice ■ Computer literacy ■ Strong written and verbal communication skills ■ Excellent interpersonal skills ■ Attention to detail ■ Project management skills ■ People management skills ■ Administrative skills ■ Research Skills ■ Supervision of staff ■ Data analysis and study design skills (Desirable).

Enquiries may be directed to Keitumetse Tsoeu @ 011 885 5404, email application to Recruiter1@nicd.ac.za

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR RESPIRATORY DISEASES AND MENINGITIS
LOCATION: SANDRINGHAM
POSITION: MEDICAL SCIENTIST ENTRY (**FIXED TERM CONTRACT UNTIL
JANUARY 2027**)
PAY GRADE: MSE
REFERENCE NUMBER: NICDCDC1025/001-04

To conduct laboratory testing and research relevant to the pathology discipline, in accordance with the strategic objectives of the centre

Key Job Responsibilities

■ Conduct laboratory testing and research under supervision and within a multidisciplinary team, under supervision of Senior Medical Scientists/Pathologists/Laboratory Manager ■ On the bench training for laboratory staff e.g. Intern Scientists, Medical Technologists and Technicians ■ Contribute to laboratory administration (e.g. records, procurement, stock, control, equipment maintenance) ■ Record administration in accordance with current policies/procedures and SOPs ■ Engage in troubleshooting and ensure that error logs/corrective action reports are completed according to set requirements ■ Participate in quality management activities.

Minimum Requirements and Key Competency

■ 4-yr BSc Honours degree or equivalent or MSc in Medical Science or relevant field ■ Registered with HPCSA as a Medical Biological Scientist (Microbiology) ■ 1 years' experience post internship ■ Experience and competency in a molecular laboratory (DNA/RNA extraction and PCR) ■ Experience with next-generation sequencing would be an advantage ■ Involvement in the validation/verification of new/improved laboratory methods ■ Experience in how to operate laboratory instruments ■ Contribution to SOPs and validation/verification reports ■ Contribution towards research projects ■ Active participation in quality management activities and maintaining SANAS accreditation ■ Presentation and scientific writing skills ■ Good interpersonal skills ■ Troubleshooting skills ■ Attention to detail and able to work systematically with strict GLP adherence ■ Data analysis and interpretation skills ■ Computer Literacy skills ■ Able to work under pressure and process high volumes of samples, adhering to turnaround times for testing and reporting ■ Able to accommodate overtime work (weekends/public holidays/after hours) as needed and during outbreaks,

Enquiries may be directed to Keitumetse Tsoeu @ 011 885 5404, email application to Recruiter1@nicd.ac.za

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR RESPIRATORY DISEASES AND MENINGITIS
LOCATION: SANDRINGHAM
POSITION: MEDICAL TECHNOLOGIST (FIXED TERM CONTRACT UNTIL JANUARY 2027)
PAY GRADE: MT2
REFERENCE NUMBER: NICDCDC1025/001-05

Conducts laboratory testing of patient specimens, to provide accurate laboratory test results to aid in and confirm clinical diagnosis and treatment therapies.

Key Job Responsibilities

Operational Efficiency of Laboratory

■ Perform laboratory testing according to SOPs ■ Perform troubleshooting and root cause analysis, completing action reports according to SOP's ■ Operate and troubleshoot laboratory equipment and quality control, identify, suggest and implement corrective measures ■ Adhere to analytical times and basic TAT for testing and capturing of laboratory results ■ Able to interpret test results ■ Refer for further testing if required ■ Collate data and statistics ■ Able to troubleshoot and identify clerical and / or technical errors, and document non-conformances ■ Laboratory administration e.g. equipment and laboratory maintenance, monitor and procure stock for operational needs.

Quality Management

■ Participate in all quality management activities and laboratory audits ■ Assist in verification and validation of equipment and/or test methods for routine implementation ■ Identify problems, troubleshoot and implement corrective action and resolve non-conformances ■ Perform data checks and analyses as per SOPs.

Teaching, Training & Development of Laboratory Staff

■ Ensure that CPD training takes place and contribute to laboratory training of technical staff within the centre and visiting healthcare professionals

Minimum requirements & key competencies

■ National Diploma in Biomedical Technology/ Bachelor of Health Sciences in the field of Biomedical Technology ■ HPCSA registration as a Medical Technologist/Medical Laboratory Scientist in **Microbiology** ■ 4-6 years' laboratory experience ■ Perform testing of clinical specimens according to laboratory SOPs ■ Experience in a molecular laboratory performing routine DNA/RNA extraction and PCR is essential ■ Experience with performing next-generation sequencing would be an advantage ■ Knowledge of usage and maintenance of laboratory instruments ■ Strict adherence to GLP as per laboratory norms and standards ■ Accurate interpretation and reporting of results ■ Experience with data management including interpretation and analysis of data ■ Able to work under pressure and process high volumes of samples, adhering to turnaround times for testing and reporting ■ Time management skills ■ Able to accommodate overtime work (weekends/public holidays/after hours) as needed, in order to deliver timeous and accurate results ■ Able to assist with laboratory testing during outbreaks

Enquiries may be directed to Palesa Nong @ 011 386 6454, email application to Recruiter2@nicd.ac.za

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR RESPIRATORY DISEASES AND MENINGITIS
LOCATION: SANDRINGHAM
POSITION: MEDICAL TECHNOLOGIST (FIXED TERM CONTRACT UNTIL JANUARY 2027)
PAY GRADE: MT2
REFERENCE NUMBER: NICDCDC1025/001-06

Conducts laboratory testing of patient specimens, to provide accurate laboratory test results to aid in and confirm clinical diagnosis and treatment therapies.

Key Job Responsibilities

Operational efficiency of laboratory

■ Perform laboratory testing according to SOPs ■ Perform troubleshooting and root cause analysis, completing action reports according to SOP's ■ Troubleshoot laboratory equipment and quality control, identify, suggest and implement corrective measures ■ Adhere to analytical times and basic TAT for testing and capturing of laboratory results ■ Able to interpret test results ■ Refer for further testing if required ■ Collate data and statistics ■ Able to troubleshoot and identify clerical and / or technical errors and document non-conformances ■ Laboratory administration e.g. equipment and laboratory maintenance, monitor and procure stock for operational needs.

Quality Management

■ Participate in all quality management activities and laboratory audits ■ Assist in verification and validation of equipment and/or test methods for routine implementation ■ Identify problems, troubleshoot and implement corrective actions and resolve non-conformances ■ Perform data checks and analyses as per SOPs.

Teaching, Training & Development of Laboratory staff

■ Ensure that CPD training takes place and contribute to laboratory training of technical staff within the centre and visiting healthcare professionals.

Minimum requirements & key competencies

■ National Diploma in Biomedical Technology/ Bachelor of Health Sciences in the field of Biomedical Technology ■ HPCSA registration as a Medical Technologist/Medical Laboratory Scientist in **Microbiology or Virology** ■ 4-6 years' laboratory experience ■ Perform testing of clinical specimens according to laboratory SOPs ■ Experience in a molecular laboratory performing routine DNA/RNA extraction and PCR is essential ■ Experience with performing next-generation sequencing would be an advantage ■ Knowledge of usage and maintenance of laboratory instruments ■ Strict adherence to GLP as per laboratory norms and standards ■ Accurate interpretation and reporting of results ■ Experience with data management including interpretation and analysis of data ■ Able to work under pressure and process high volumes of samples, adhering to turnaround times for testing and reporting ■ Time management skills ■ Able to accommodate overtime work (weekends/public holidays/after hours) as needed, in order to deliver timeous and accurate results ■ Able to assist with laboratory testing during outbreaks.

Enquiries may be directed to Palesa Nong @ 011 386 6454, email application to Recruiter2@nicd.ac.za