

FEB 2022

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: 04 MARCH 2022

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BUSINESS UNIT: NICD
 DISCIPLINE: CENTRE FOR VACCINES AND IMMUNOLOGY &
 CENTRE FOR EMERGING, ZOO NOTIC AND PARASITIC DISEASES
 LOCATION: SANDRINGHAM
 POSITION: CENTRE HEAD X2
 PAY GRADE: E1
 REFERENCE NUMBER: NICD0222/002-03

The Centre for Vaccines and Immunology (CVI) comprises the National and WHO Regional Reference Laboratories for acute flaccid paralysis and measles and rubella surveillance. In addition, the Centre conducts projects on viral hepatitis, TB and other vaccines preventable diseases. The Centre furthermore supports the Global Polio Eradication initiative (GPEI) through BSL 3 laboratory and environmental surveillance laboratory. CVI also provides epidemiological, virological and immunological support to the NDOH for vaccine preventable diseases.

The Centre for Emerging, Zoonotic and Parasitic Diseases (CEZPD) provides national and regional capacity for the diagnosis, surveillance and research of viral, bacterial and parasitic pathogens, particularly those classified as zoonotic BSL 3 and BSL 4 agents. Many of these agents causing high rates of morbidity and/or mortality are of great public health concern, and require rapid detection to institute timely outbreak control measures and patient management.

Two Centre Heads are required to provide administrative and scientific leadership, management and strategic direction for the Centres in line with NICD's role and responsibilities. To facilitate close working relationships and cohesion between the Department of Health, various sections within the Centre and other NICD centres.

Key Job Responsibilities

- Provide administrative and scientific leadership for the Centre in line with NICD's strategic role and responsibilities ■ Assist the National Department of Health and other stakeholders with timely expert advice and surveillance/research data relevant the Centre's area of focus
- Establish strategic goals for the Centre through a consultative process with creation/regular review of the Centre's annual and 5-year strategic plans ■ Ensure that operational objectives are met according to agreed project timelines as per the strategic plan and annual performance plan
- Facilitate closer working relationships between sections in the Centre and with other Centre Heads in those areas where there exist opportunities for joint working towards common goals and NDOH priorities ■ Be responsible for Centre budget (operational and capital expenditure) creation, expenditure and financial governance ■ Ensure the Centre is compliant with NICD/NHLS policies and directives ■ Be proactive in ensuring that successful grant applications are submitted and research funding raised by the Centre team ■ Ensure that all sections contribute to the outputs of the Centre in terms of NICD surveillance publications, peer-reviewed scientific publications and other reports ■ Create/maintain a cross-Centre team to co-ordinate a high quality teaching and training programme responsive to national and international requirements ■ Undertake section lead responsibilities for one Centre section according to experience/skills, where applicable ■ Document and maintain records of all Centre outputs through periodic Centre activity reports and contributions to the NICD annual report ■ Co-ordinate the Centre's interaction with media in line with NICD/NHLS policies ■ Ensure that the Centre is responsive to outbreaks of Public Health Significance and to support the functions of the Emergency Operations Centre ■ Ensure that the Centre is at cutting edge of latest developments and to encourage innovative initiatives ■ Promote transformation and development in the Centre Management of all staff to ensure the centre is operated both efficiently and effectively ■ Be a brand ambassador for the NICD.

Minimum requirements and key competencies

■Medical Qualification ■HPCSA registered specialist or PHD in Public Health or Clinical Microbiology/Virology/Infectious Diseases or Epidemiology ■Management and Leadership qualification ■Ten (10) years Management experience preferably in a public health institution ■Eight (8) years communicable diseases/public health experience/epidemiology/ infectious diseases ■Managerial/ administrative experience (> 10 years) ■ Financial management (> 5 years) ■Public health surveillance experience (> 5 years) ■Laboratory experience (>3 years) ■Writing successful grant applications and performing research(> 5 years) ■Teaching and training experience (> 5 years) ■Knowledge of Microbiology, Virology, Immunology, Molecular Biology desirable ■Knowledge of statistics ■Knowledge of statistical software packages desirable ■Knowledge of quality management ■Communicable diseases knowledge ■Communication and interpersonal skills ■Team-building skills ■Time management skills ■ Planning skills ■Project Management skills ■Research methodology ■Communication skills ■Interpersonal skills ■Report writing skills ■Computer Literacy.

Enquiries may be directed to Azia Nxumalo @ 011 555 0581, email application to Recruiter4@nicd.ac.za

BUSINESS UNIT:	NICD
DISCIPLINE:	CENTRE FOR EMERGING ZONOTIC AND PARASITIC DISEASES
LOCATION:	SANDRINGHAM
POSITION:	PATHOLOGIST
PAY GRADE:	PHI
REFERENCE NUMBER:	NICD0222/002-04

To direct the operations of the Parasitology Reference Laboratory within the framework of a quality system. To ensure that the reference diagnostic and surveillance/research output is delivered in accordance with the principles of good laboratory practice and to provide a professional consultative service to clinicians and other centre stakeholders. To promote appropriate and cost effective utilisation of laboratory services so as to facilitate optimization of patient management and the public health objectives of the centre. To contribute to training and research outputs.

Key Job Responsibilities

Service

■Responsible for management of the Parasitology Reference Laboratory and supervision of laboratory staff in collaboration with the laboratory manager ■Contribute to the strategy of the centre as a member of the centre management team ■Responsible for implementation of short and longer term laboratory surveillance and research projects ■Provide expert advice to all internal and external customers in order to resolve clinical, reference diagnostic and infection outbreak-related queries and concerns in a professional and timely manner and respond to complaints about any aspect of the pathology service output in a professional and timely manner to promote sound customer relations ■Provide input into changes and improvement to SOPs ■Contribute to the adherence and compliance to quality systems in the centre to comply with SANAS requirements and ensure continuous quality improvement ■Comply with the principles of good laboratory practice, full SANAS accreditation requirements and relevant legislation ■Validate new instruments/tests for laboratory or national programmes.

Teaching and Training

■ Teach and train pathology staff (Registrars, Scientists, Technologists, Technicians) and other healthcare workers ■ Work with the team to coordinate teaching modules ■ Contribute to the departmental CPD-accredited programmes ■ Be involved in undergraduate and postgraduate teaching.

Research and surveillance

■ Seek external funding for surveillance and research ■ Responsible to design, implement and report on relevant surveillance programmes at a national and international level in collaboration with centre epidemiologists ■ Conduct infection outbreak investigations in collaboration with centre epidemiologists and advise on appropriate reference laboratory investigations ■ Conduct research in order to contribute to publications and other technical/scientific outputs and towards translation of policy and service ■ Collaborate with other departments/organisations at a national and international level and represent the NICD on national and international working groups/committees.

Minimum requirements and Key Competencies

■ Medical degree plus FCPATH or MMed in microbiology or clinical pathology (essential) ■ MSc or PhD in clinical microbiology or a related field (desirable) ■ Registration with the HPCSA as a pathologist in microbiology or clinical pathology (Independent practice category) ■ At least 3 years' experience as pathologist consultant; at least 1 year of laboratory management experience ■ Successfully supervised undergraduate and/or postgraduate students (BSc-Hons, MSc, MMed, PhD) ■ Evidence of peer recognition such as invitations to national conferences/ working groups and to review manuscripts for journals ■ Interest in medical parasitology, microscopy and histopathology would be an advantage ■ Active as a co-investigator/collaborator on research projects ■ Familiar with laboratory safety procedures ■ Working knowledge in medical conditions, in particular clinical pathological correlation ■ Principles of analytical methodology ■ Laboratory quality assurance processes ■ Method validation including statistical calculations ■ Familiar with the principles of applied research methodology with evidence of at least 3-5 peer reviewed publications in clinical microbiology ■ Practical laboratory techniques where relevant ■ Computer literacy ■ Communication skills ■ Presentation skills ■ Analytical and diagnosing ■ Problem solving.

Enquiries may be directed to Azia Nxumalo @ 011 555 0581, email application to Recruiter4@nicd.ac.za

BUSINESS UNIT:	NICD
DISCIPLINE:	DIVISION OF PUBLIC HEALTH SURVEILLANCE AND RESPONSE
LOCATION:	SANDRINGHAM
POSITION:	SENIOR PUBLIC HEALTH EPIDEMIOLOGIST
PAY GRADE:	D4
REFERENCE NUMBER:	NICD0222/002-05

To head the national Notifiable Medical Conditions (NMC) Programme in the Division of Public Health Surveillance and Response (DPHSR) and manage all aspects of the NMC surveillance programme including human resources, budgets, processes, standard operating procedures (SOPs), collaboration with internal NICD stakeholders and Centres, data collection, management and analysis, reporting, external stakeholder engagement and strategic planning. The incumbent will be an integral member of the DPHSR leadership team, and participate and support all DPHSR activities. This will include collaboration with DPHSR Units to support the national and provincial departments of health in the investigation of outbreaks and other communicable disease events, training and supervision of the South African Field Epidemiology (SAFETP) residents, writing grant proposals and management of grants, writing of scientific papers for peer-reviewed publication. The NMC head will also contribute to broader NICD strategic planning including implementation of integrated data management systems to strengthen surveillance and response to infectious disease outbreak and support of National Department of Health.

Key Job Responsibilities

- Together with the Head of the Division, develop and deliver on strategic objectives pertaining to the national Notifiable Medical Conditions (NMC) surveillance programme, in keeping with the mission statement of the NICD
- Manage all aspects of the NMC surveillance programme as follows
 - Manage provincial NMC nurse coordinators to ensure adequate roll-out and uptake of NMC reporting systems, and that private practitioners, provincial and district health departments and all health care workers are familiar with and receive training on NMC reporting tools and methods
 - Facilitate collection of NMC data from private sector (laboratories, medical aids and hospitals)
 - Collaborate with NICD IT and other stakeholders to ensure integrity of NMC data collection, management and processing
 - Manage NMC epidemiologists to conduct NMC data analysis, and reporting
 - Collaborate with NICD Centres to ensure that Centres participate in NMC processes, data review, cleaning, analysis and reporting
 - Provide or supervise the provision of written and oral reports/presentations on NMC activities and data to appropriate stakeholders
 - Maintain and develop relationships with all necessary external stakeholders who have an interest in or support the NMC programme, including but not limited to national and provincial departments of health, (including environmental health), the private sector (laboratories, medical aids and hospitals), StatsSA
 - Develop and ensure adherence to NMC budgets
 - Play an active and supportive role in the broader activities of the DPHSR sections, including GERMS-SA, Outbreak Response Unit (ORU)/Emergency Operating Centre (EOC) and Provincial Epidemiology Team by providing technical support and human resources for public health responses to outbreak investigations and other communicable disease events, writing of grant proposals and management of grants, protocol development for DPHSR projects
 - In collaboration with the ORU/EOC and NICD Centres, provide support to provincial departments of health in outbreaks investigation and response in field
 - Be actively involved in the writing and submission of scientific papers
 - Participate in and represent the NICD and DPHSR in relevant internal, provincial, national and international meetings to facilitate the objectives of the NMC and/or the DPHSR
 - Provide field supervision and training of the SAFETP residents and contribute to the teaching within the SAFETP long and short courses
 - Comply with any reasonable and lawful instruction issued by the manager.

Minimum requirements and Key Competencies

■MSc (Epidemiology/Biostatistics)/ MPH or MPH (Field epidemiology) ■PhD in Epidemiology/Public Health or equivalent desirable ■Six (6) years post qualification experience in infectious disease epidemiology surveillance within a public setting ■ At least 4 years' experience as a leader in a public health setting ■Field experience in infectious diseases ■ Experience with data analysis and public health research ■Experience in working in public health sector ■Experience in stakeholder management ■Epidemiology and statistical methods ■Basic knowledge of and insight into laboratory practice with specific reference to infectious diseases ■Knowledge of a statistical software package for epidemiological analysis, MS Access, Excel, STATA or SAS)■Leadership and management skills ■Good understanding of the health systems in South Africa ■ Excellent interpersonal and communication skills ■Problem solving skills.

Enquiries may be directed to Azia Nxumalo @ 011 555 0581, email application to Recruiter4@nicd.ac.za

BUSINESS UNIT: NICD
DISCIPLINE: ADMINISTRATION AND MANAGEMENT
LOCATION: SANDRINGHAM
POSITION: ANALYST DEVELOPER
(RE-ADVERTISEMENT)
PAY GRADE: C5
REFERENCE NUMBER: NICD0121/001-07

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 as required or assigned by emergency or other operational reasons for which the employee is qualified to perform.

Minimum Requirements and Key Competencies

■Three (3) year Degree (Computer Science/ Software Development/Software Engineering) ■Project Management qualification (desirable) ■Three (3) years' experience as a Software Developer ■Three (3) years Microsoft .NET 3.5+ development using C# ■Three (3) years Microsoft .NET technologies including: WCF, WPF, WF, LINQ and EF ■Three (3) years' experience with web and mobile development technologies including ASP .NET, MVC3, JavaScript, AJAX and CSS ■Three (3) years' experience with database development including relational database design, SQL and ORM technologies ■Three (3) years' experience with user interface design and prototyping ■Experience with source control management systems and continuous integration / deployment environments ■Experience in leading and managing the delivery of system/ software development projects in a structured environment ■Experience in the usage of UML ■Experience configuring and development customizations for Microsoft SharePoint ■SDLC ■Automated testing ■Software development approaches and methodologies including Agile and Waterfall ■Multi-threading and concurrency ■Debugging, performance profiling and optimization ■Comprehensive understanding of object-oriented and service-oriented application development techniques and theories.

Enquiries may be directed to Gomotsang Mogomane @ 011 386 6425, email application to Recruiter2@nicd.ac.za

GRANTS MANAGEMENT AND ADMINISTRATION

BUSINESS UNIT: NICD
DISCIPLINE: ADMINISTRATION AND MANAGEMENT
LOCATION: SANDRINGHAM
POSITION: ANALYST DEVELOPER X2 (FIXED TERM CONTRACT: 12 MONTHS)
(RE-ADVERTISEMENT)
PAY GRADE: C5
REFERENCE NUMBER: NICDCDC0222/001-01 & NICDCDC0621/001-02

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 as required or assigned by emergency or other operational reasons for which the employee is qualified to perform.

Minimum Requirements and Key Competencies

■ Three (3) year Degree (Computer Science/ Software Development/Software Engineering) ■ Project Management qualification (desirable) ■ Three (3) years' experience as a Software Developer ■ Three (3) years Microsoft .NET 3.5+ development using C# ■ Three (3) years Microsoft .NET technologies including: WCF, WPF, WF, LINQ and EF ■ Three (3) years' experience with web development using ASP .NET, MVC3, JavaScript, AJAX and CSS ■ **Two (2) years' experience with mobile development** (Xamarin preferable) ■ Three (3) experience with database development including relational database design, SQL and ORM technologies ■ 3+ experience with user interface design and prototyping ■ Experience with source control management systems and continuous integration / deployment environments ■ Experience in leading and managing the delivery of system/ software development projects in a structured environment ■ Experience in the usage of UML ■ Experience configuring and development customizations for Microsoft SharePoint ■ SDLC ■ Automated testing ■ Software development approaches and methodologies including Agile and Waterfall ■ Multi-threading and concurrency ■ Debugging, performance profiling and optimization ■ Comprehensive understanding of object-oriented and service-oriented application development techniques and theories.

Enquiries may be directed to Gomotsang Mogomane @ 011 386 6425, email application to Recruiter2@nicd.ac.za

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR EMERGING, ZOO NOTIC AND PARASITIC DISEASES
LOCATION: SANDRINGHAM
POSITION: MEDICAL SCIENTIST (FIXED TERM CONTRACT: 12 MONTHS)
(Renewal possible)
PAY GRADE: MSI
REFERENCE NUMBER: NICDCDC0222/002-01

This position is for a scientist in the Laboratory for Antimalarial Resistance Monitoring and Malaria Operational Research in the Centre for Emerging, Zoonotic and Parasitic Diseases. The successful candidate will conduct research and provide genetic and bioinformatic support to ensure the successful establishment of a malaria amplicon sequencing platform at the NICD/NHLS.

Key Job Responsibilities

■ Perform ethical and relevant research (basic and applied) that will provide new information on the malaria parasite which will promote the NHLS's goal of becoming a leader in malaria research ■ Apply specialised knowledge in order to improve the detection and diagnosis of malaria and provide interpretation of sequencing results so that appropriate malaria elimination interventions can be implemented ■ 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 bioinformatics 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

■ MSc/PhD in biochemistry/genetics/bioinformatics ■ Registration with HPCSA desirable ■ Three (3) years' experience as a Scientist ■ Two (2) years' experience with sequencing and bioinformatics, ideally in malaria ■ Project leader on at least 1 project protocol ■ Publish peer reviewed articles ■ Training and co-supervision of post graduate staff, interns, scientist, technologist and students including involvement in the development of training programs or other tools ■ Research experience in malaria genomics and bioinformatics ■ At least one peer reviewed publication ■ Oral presentations of research findings at national and international conference ■ Experience with next generation sequencing and microsatellite methodologies ■ Submission of grants application ■ Successful submission of research protocols for ethics clearance ■ Knowledge in the use of web based databases ■ Good 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 ■ Statistical Skills ■ Time management ■ Computer Literacy ■ Innovation and problems solving skills

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

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR VACCINES AND IMMUNOLOGY
LOCATION: SANDRINGHAM
POSITION: MEDICAL SCIENTIST (FIXED TERM CONTRACT: 09 MONTHS)
PAY GRADE: MSE
REFERENCE NUMBER: NICDCDC0222/002-02

To conduct and monitor a variety of molecular testing on wastewater samples to provide accurate laboratory test results to aid in tracking the prevalence of COVID-19. To provide training on COVID-19 wastewater molecular testing where required and assist in troubleshooting existing molecular assay.

Key Job Responsibilities

■ Perform 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 from wastewater ■ Develop appropriate tests and improve existing laboratory tests in order to optimize and enhance the provision of diagnostic services ■ Apply specialized knowledge in order to diagnose disorders, diseases and pathogens and when necessary provide consultation so that appropriate treatment or control methods can be provided/implemented ■ Assist in troubleshooting of routine tests in order to solve problems timeously and to avoid unnecessary delays in provision of test results ■ Contribute to the formal teaching and assessment of students (NHLS and University) to ensure that their knowledge and understanding of the relevant discipline meets academic/degree requirements ■ Train students, registrars and technical staff in laboratory skills and health sciences to ensure that they can deliver improved and effective diagnostic services ■ Perform total quality management of the research laboratory to ensure accurate and reliable results ■ Conduct relevant research (basic and applied) that promotes departmental interests in order to gain new knowledge and improve understanding in line with the NHLS's goal of becoming a world-class research organisation.

Minimum Requirements and Key Competencies

■ BSc Honors/MSc in Medical Science or relevant field ■ HPCSA registration as a Medical Scientist desirable ■ Involvement in development and validation of either one new diagnostic methodology or modifications to existing applications/ procedures ■ Presentation at local conferences/ research days or forums ■ Knowledge of appropriate research methodologies ■ Scientific writing skills and knowledge of writing of publication ■ Knowledge of research ethics ■ Knowledge in the development and use of excel and access-based databases ■ Knowledge of Quality control in the laboratory ■ Good Laboratory Practice ■ Method validation ■ Computer Literacy ■ Communication skills (written & verbal). Administrative skills ■ Troubleshooting skills ■ Time management ■ Interpersonal skills ■ Attention to detail ■ Data analysis and interpretation skills.

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

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR EMERGING, ZOO NOTIC AND PARASITIC DISEASES
LOCATION: SANDRINGHAM
POSITION: MEDICAL SCIENTIST (FIXED TERM CONTRACT: 12 MONTHS)
PAY GRADE: MSE
REFERENCE NUMBER: NICDCDC0222/002-03

To conduct malaria entomological field surveillance and associated laboratory analysis of collected samples in support of core surveillance and operational research projects as mandated by national and provincial departments of health malaria control/elimination programmes.

Key Job Responsibilities

■ Conduct malaria entomological field surveillance and associated specialised diagnostic tests in support of national and provincial departments of health and other stakeholders ■ Assist in troubleshooting of routine tests in order to solve problems timeously and to avoid unnecessary delays in the provision of test results ■ Train students, registrars and technical staff in laboratory skills to ensure that they can deliver improved and effective research outputs and/or technical support services ■ Assist with quality management of the diagnostic component of the laboratory to ensure accurate and reliable results.

Minimum requirements and Key Competencies

■ BSc Hons in entomology/zoology ■ Master's degree in Science (MSc) desirable ■ 1-3 years' relevant post-qualification experience ■ One (1) year previous experience in a research laboratory ■ One (1) year experience in malaria vector diagnostics ■ Presentation at local conferences/research days/forums ■ Database management knowledge ■ Knowledge of appropriate research methodologies ■ Scientific writing skills and knowledge of writing of publication ■ Knowledge of research ethics ■ Knowledge in the development and use of excel and access-based databases ■ Knowledge of Quality control in the laboratory ■ Good Laboratory Practice ■ Method validation ■ Computer Literacy ■ Communication skills (written & verbal). Administrative skills ■ Troubleshooting skills ■ Time management ■ Interpersonal skills ■ Attention to detail ■ Data analysis and interpretation skills.

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

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR RESPIRATORY DISEASES AND MENINGITIS
LOCATION: TAMBO MEMORIAL HOSPITAL (GAUTENG)
POSITION: OFFICER: SURVEILLANCE X2
(FIXED TERM CONTRACT: 12 MONTHS)
PAY GRADE: C2
REFERENCE NUMBER: NICDCDC0222/002-04

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 acute febrile illness 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, sputum samples, and venepuncture) 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 and Key Competencies

■Three or Four Year Diploma in Nursing ■Three (3) years' clinical work, post-qualification ■Two (2) years in clinical research would be advantageous ■SANC registration ■Registered as a Professional Nurse / Registered nurse ■Computer Literacy: Microsoft Office skills (word, excel and PowerPoint) ■Valid driver's license (manual) ■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) ■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 Zinhle Buthelezi @ 011 885 5404, email application to Recruiter1@nicd.ac.za

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR RESPIRATORY DISEASES AND MENINGITIS
LOCATION: KHAYELITSHA HOSPITAL (WESTERN CAPE)
POSITION: OFFICER: SURVEILLANCE **X2**
(FIXED TERM CONTRACT: 12 MONTHS)
PAY GRADE: C2
REFERENCE NUMBER: NICDCDC0222/002-05

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 acute febrile illness 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, sputum samples and venepuncture) 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 and Key Competencies

■Three or Four Year Diploma in Nursing ■Three (3) years' clinical work, post-qualification ■Two (2) years in clinical research would be advantageous ■SANC registration ■Registered as a Professional Nurse / Registered nurse ■Computer Literacy: Microsoft Office skills (word, excel and PowerPoint) ■Valid driver's license (manual) ■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) ■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 Zinhle Buthelezi @ 011 885 5404, email application to Recruiter1@nicd.ac.za

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR TUBERCULOSIS
LOCATION: SANDRINGHAM
POSITION: RESEARCH ASSISTANT
(FIXED TERM CONTRACT: 05 MONTHS)
PAY GRADE: B2
REFERENCE NUMBER: NICDCDC0222/002-06

To assist with the execution of hospital-based/ clinic based surveillance for respiratory infections and associated special studies, which forms part of the research and surveillance activities of the NICD's Centre.

Key Job Responsibilities

■ Assist the research team with the identification of patient's meeting the surveillance or research study case definition ■ Collect/ Assist the Surveillance Officer with collection of clinical data from patients meeting the surveillance or research study case definitions ■ Complete structured interviews and/ collect samples from patients who meet the case definition for surveillance or research projects ■ Obtain/ assist the Surveillance Officer to obtain informed consent from case patients or their next of kin ■ Receive and courier specimens ■ Trace results of routine investigations such as imaging and laboratory test ■ Assist in preparation of presentations, reporting writing and other projects related topics ■ Assist with maintaining stocks and inventories of surveillance documents ■ Complete surveillance related documentation such as logs and case investigation forms ■ Prepare patient and site study files (including photocopying) ■ Help with the induction and training of new staff to the project ■ Effective team-working with other key surveillance, search and hospital-based staff ■ Attendance at any necessary programme related meetings to review performance with the study team ■ Monitor the progress and outcome of patients in and out of the hospital to ensure accurate data collection and recording ■ File surveillance and research records on-site after data collection, according to the relevant protocol ■ Actively participate in and contribute to surveillance and research-related activities, e.g. special research studies nested within the surveillance programme ■ Perform tasks assigned by the line manager, related to respiratory illness surveillance and research programmes ■ Performance of other study related duties, such as photocopying, preparation of ethics applications and data entry from study questionnaires as requested by the senior study staff ■ Follow established policies, procedures and objectives, continuous quality improvements objectives, safety, environmental or infection control to ensure compliance ■ Provide administrative support in all surveillance activities.

Minimum requirements and key competencies

■ Grade 12 ■ 6 months' work experience ■ Experience with molecular based tests ■ Communication skills ■ Interpersonal skills ■ Accuracy skills ■ Attention to detail ■ Basic Numeracy skills ■ Listening skills ■ Customer care. ■ Computer skills (word and excel)

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