

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR EMERGING ZOO NOTIC AND PARASITIC DISEASES
LOCATION: SANDRINGHAM
POSITION: MEDICAL TECHNOLOGIST (FIXED TERM CONTRACT – 6 MONTHS)
PAY GRADE: MT1
REFERENCE NUMBER: NICDCDC0920/002-05

To maintain and operate a malaria slide bank to support African countries moving toward malaria elimination, in the Parasitology Reference Laboratory. To assist with other surveillance, diagnostic and project functions of the laboratory.

Key Job Responsibilities

■Manage sample collection and suitability for analysis and prepare reagents and media where applicable ■Undergo microscopist training and certification in order to accurately identify and quantitate malaria parasites ■Maintain an inventory database with stock information, and keep all records and documents up-to-date ■Coordinate slide transactions, including database updates and logistic arrangements in keeping with IATA dangerous good shipping requirement ■Coordinate the slide bank parasitology external quality assessment programme to help teach and upgrade the quality of laboratories moving toward malaria elimination ■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 ■Undertakes to troubleshoot where necessary ■Keep abreast with research in order to make informed decision on existing lab test and technique ■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 ■Assist with training as needed ■Liaise with healthcare Clinicians, Registrars and Pathologists ■Consults on the interpretation of results by phoning out critical and abnormal results.

Minimum requirements and Key Competencies

■National Diploma in Biomedical Technology ■Laboratory job experience and HPCSA registration (Microbiology/Molecular biology) ■Working knowledge of microbiology techniques especially staining and microscopy ■Working knowledge of laboratory equipment ■Knowledge of accreditation/quality standards and biosafety principles/procedures ■Willingness and ability to travel to malaria areas within and out of South Africa ■Computer skills (general and specialised) ■Good communication and interpersonal skills ■Good organizational and analytical skills ■Writing skills ■Problem solving skills ■Team orientated.

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