

BUSINESS UNIT: NICD
DISCIPLINE: CENTRE FOR RESPIRATORY DISEASES AND MENINGITIS
LOCATION: SANDRINGHAM
POSITION: MEDICAL SCIENTIST (FIXED TERM CONTRACT - 12 MONTHS)
PAY GRADE: MSE
REFERENCE NUMBER: NICDCDC0221/001-02

To apply specialised knowledge to perform tests to diagnose disorders, diseases and pathogens and to be concerned with basic and applied research in line with the strategic objectives of the centre, in order to improve knowledge and provide conceptual thinking and understanding of health related issues.

Key Job Responsibilities

■ Perform appropriate laboratory tests and improve existing laboratory tests in order to optimize and enhance the provision of diagnostic and surveillance 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 related to laboratory testing in order to solve problems timeously and to avoid unnecessary delays in provision of test results ■ Contribute to total quality management of the 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 NICD's goal of becoming a world-class public health institute and research organization.

Minimum requirements & key competencies

■ 4-year Bachelor of Science degree (Honors) ■ Registration with HPCSA as a Medical Scientist (Microbiology or Molecular Biology) advantageous ■ One (1) year experience in a diagnostic or research laboratory ■ Quality control in the laboratory ■ Good Laboratory Practice ■ Method validation ■ Research methodology ■ Scientific writing skills ■ Specific laboratory techniques especially microbiology and molecular techniques e.g. real-time PCR, DNA sequencing ■ Able to manage high-throughput testing and work under pressure ■ Computer literacy ■ Communication skills (verbal and written) ■ Troubleshooting skills ■ Good interpersonal skills and able to work within a multidisciplinary team ■ Data management, analysis and interpretation skills ■ Pays attention to detail ■ Able to work flexible hours (including public holidays and weekends) as needed.

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