

## GRANTS MANAGEMENT AND ADMINISTRATION

BUSINESS UNIT: NICD  
DISCIPLINE: CENTRE FOR EMERGING ZOO NOTIC AND PARASITIC DISEASES  
LOCATION: SANDRINGHAM  
POSITION: MEDICAL SCIENTIST (FIXED TERM CONTRACT: 6 MONTHS)  
(RE-ADVERTISEMENT)  
PAY GRADE: MSI  
REFERENCE NUMBER: NICDCDC0621/001-01

**This position requires the incumbent to apply specialised knowledge in order to perform tests, conduct research and assist with other laboratory functions in line with the centre's strategic objectives, with regard to parasitic diseases of medical importance.**

### Key Job Responsibilities

■ Performs specialised reference parasitology tests so that patients receive the appropriate treatment ■ Performs parasitology surveillance functions, including sample processing, data capturing and data analysis, to ensure a comprehensive knowledge is built up about the relevant parasites ■ Performs molecular biology tests to enable the laboratory to study parasites in more depth and enhance knowledge and keep abreast with current research ■ Perform R&D processes and sources funding for projects under supervision to improve laboratory services ■ Actively participates in the laboratory's quality management systems to ensure the laboratory produces accurate and reliable results ■ Performs administrative, procurement and equipment maintenance duties to ensure the smooth running of the laboratory ■ Assists with parasitology quality assessment programmes to help teach and upgrade the quality of laboratories ■ Assist with teaching and training offered by the laboratory to ensure that the participants are taught the correct methodology and their knowledge is improved ■ Presents at research forums, journal clubs and conferences and prepare scientific reports and manuscripts, as necessary.

### Minimum Requirements and Key Competencies

■ MSc /PhD in Medical Science or relevant field ■ Registration with HPCSA as a Medical Scientist (Microbiology/Molecular Biology) advantageous ■ Three (3) years post-qualification experience in a laboratory (microbiology/molecular biology) ■ Project leader on at least 1 project protocol ■ Publish peer reviewed articles ■ Training and co-supervision of staff, interns scientist, technologists and students including involvement in the development of training programs or other tools ■ Good Laboratory Practice and Quality Assurance experience beneficial ■ Research methodology ■ Scientific writing and presentation skills and experience ■ Specific laboratory techniques especially molecular techniques e.g. PCR ■ Computer literacy ■ Communication skills (verbal and written) ■ Troubleshooting skills ■ Interpersonal skills ■ Data management, analysis and interpretation skills ■ Attention to detail, and time management skills ■ Ability to work accurately and quickly.

**Note that a practical/technical interview may be included.**

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