NATIONAL HEALTH LABORATORY SERVICE

VACANCY

BUSINESS UNIT:	NICD
DISCIPLINE:	MANAGEMENT AND ADMINISTRATION
LOCATION:	SANDRINGHAM
POSITION:	PRINCIPAL HEALTH DATA ANALYST
PAY GRADE:	D3
REFERENCE NUMBER:	NICD0620/001-01

To manage the delivery of information to stakeholders, the delivery of NICD business requirements to the CDW Business Intelligence (BI) team and the facilitation of BI / CDW system testing and user acceptance of NICD deliverables.

Key Job Responsibilities

■Plan and implement the overall analytics and business intelligence strategy for the NICD ■Oversee all aspects of analytics and business intelligence projects for NICD ■Responsible for the total management of operational activities relating to the NICD Health & Business Analysis sub-stream ■Research and identify new opportunities to optimise business through analytics and statistical modelling using business analytical tools and visualisation applications (e.g. Microstrategy) ■Integrate digital engagement including web analytics into transactional and customer analytics ■Identify and scope NICD business opportunities, document business requirements, identify effective reporting technique, identify the best data sources for each report field, identify risks and constraints and design reporting formats ■Work with business owners to identify information needs and develop/enhance/modify reporting in order to support the NICD's surveillance mandates, to support healthcare policy and decisions ■Determine the root cause problems for data integrity and data quality issues identified through QA or by business report owners as these pertain to NICD Information ■Perform literature searches in order to supplement specialist knowledge ■Generate, analyse and interpret statistical data in order to provide support to NICD ■Participate in designated information sharing sessions ■Conduct research, recommend tools and best practices on health /epidemiological and business analysis process ■facilitate the CDW / BI unit HR activities pertain to NICD resources ■Oversee the development and sustainability of regular reports requested, as pertaining to NICD information externally or internally, and the ad hoc extraction of data, in an ethical manner, for researchers in order to support the NHLS research and delivery improvement mandates ■Develop a detailed understanding of the information required by external and internal stakeholders to ensure the delivery of pertinent, accurate information to support healthcare policy decisions ■Provide trouble-shooting and mentoring support to subordinates to ensure efficiencies and growth within the team.

Minimum requirements and Key Competency

■BSc Degree in Biological Sciences ■MSc Degree in Biostatistics /Epidemiology (desirable) ■5 years of professional work experience with enterprise business reporting and data integration ■Proficiency with the design of database architectures, data warehouses, data migrations, data marts, business analytics, business intelligence applications and visual design/ dashboards ■Strong Understanding of database methodology, data analysis, advanced SQL queries, business analytic methods, applications, ETL and business intelligence applications required ■Knowledge of spatial (GIS) reporting ■Knowledge of data quality management practices ■Knowledge of epidemiology practices ■Knowledge of statistical analysis ■Analytical skills ■Attention to detail ■Advanced communication (verbal and written) ■Self-motivated and ability to work under pressure ■Ability to work independently ■Advanced computer skills ■Interpersonal skills ■Ability to lead workshops ■Research Skills ■Analytical Skills ■Data Management skills

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