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Job Summary

Position:	**Senior Data Manager (1 post)**
Reports To:	**Regional Manager**
Work Station:	**Katavi**
Apply By:	**September 15, 2022**

Institute Overview

Ifakara Health Institute (IHI) is a leading research organization in Africa with a strong track record in developing, testing and validating innovations for health. Driven by a core strategic mandate for research, training and services, the Institute's work now spans a wide spectrum, covering biomedical and ecological sciences, intervention studies, health-systems research, service delivery and policy translation.

Position Summary

Ifakara Health Institute seeks a **Senior Data Manager** to to join the PMI | Tanzania Malaria Surveillance Activity (TMSA) team. The Manager will support and maintain the data systems of the Activity in close collaboration with the IT Coordinator/Software Developer. He/she will support the Activity team through developing data management and data cleaning plans, reviewing and analysing data discrepancies, managing and resolving data quality issues together with the field-based staff, and writing routine reports to the Activity team.

The PMI | Tanzania Malaria Surveillance Activity is a five-year program (August 2022 – August 2027) implemented by Ifakara Health Institute, which supports the Government of Tanzania (GOT) in reducing malaria burden and in moving towards malaria elimination. The Activity is made possible by the support of the American people through the US President's Malaria Initiative (PMI) and the United States Agency for International Development (USAID).

The PMI | TMSA works with the GOT to reduce malaria burden and move towards the long-term goal of malaria elimination—while achieving USAID's strategy to support institutional growth and capacity development for local institutions. The PMI | TMSA will address the urgent healthcare needs of malaria at-risk populations, especially vulnerable pregnant women and children under five, and support Tanzania partners to grow and execute malaria programs sustainably and successfully.

The PMI | TMSA project will primarily work to support both facility- and community-based malaria activities in all districts of Katavi region, as well as making contribution to the national malaria priorities through the National Malaria Control Programme (NMCP).

Duties and Responsibilities

- Set up the various data systems associated with the Activity.
- Contribute to the design and programming of the data collection tools.
- Develop the data management and analysis plan together with the Activity team.

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- Set up Activity monitoring dashboards to monitor data collected from the field.
- Conduct regular data quality checks and data cleaning.
- Liaise with the district-based teams to resolve any data discrepancies.
- Develop technical manuals, SOPs and training materials for the data-related components of the Activity.
- Build capacity of R/CHMTs and health care workers in data collecting quality data, analysis, interpretation and use for improvement
- Together with the IT coordinator, monitor adherence to standards related to data security, including user access and database documentation, performing backup and recovery of program databases.
- Together with the IT coordinator, troubleshoot technical problems and escalate issues that could potentially impact timelines and deliverables of the Activity.
- Maintain collaborations with local institutions to ensure that the tools of the TMSA integrate with the eHealth vision of Tanzania (e.g., interoperability and data exchange with the national HMIS and/or Electronic Medical Records system).
- Participate in data analysis and report writing.
- Regularly report on the progress of assigned tasks to the Activity team.
- Perform other additional job-related duties as assigned by the supervisor.

Qualification and Experience
- A Master's in Computer Science/Information Technology/Health Informatics or Statistics.
- 5 years of experience with data systems, programming, and analytic experience (experience in the health sector with health information systems would be an asset).

Skills and Competencies
- Knowledge and interest in IT and computer systems.
- Knowledge of SQL language (querying and manipulating), and a good understanding of relational databases.
- Experience with one or more programming languages such as R, STATA or Python (experience with data visualization tools would be an asset).
- Experience with data management, including quality-checking, cleaning, anonymizing, dispatching, and backing up.
- Proactive attitude, including willingness to learn new technologies and skills quickly.
- Good problem-solving skills.
- Good communication skills – both written and verbal.
- Good organization skills and attention to detail.
- Team working spirit as well as the ability to work independently.
- Excellent communication skills in English and Swahili, both spoken and written.
- Willingness to sometimes travel to implementation areas, which could be remote.

info@ihi.or.tz | www.ihi.or.tz

Ifakara Branch
Off Mlabani Passage
P.o. Box 53 Ifakara
Phone: +255232931572

Dar es Salaam Office
#5 Ifakara Street Plot 463 Mikocheni
P.o. Box 78,373 Dar es Salaam
Phone: +255222774756

Bagamoyo Branch
Off Chuguni Road
P.o. Box 74 Bagamoyo
Phone: +255232440065

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Remuneration

An attractive and competitive remuneration package will be offered to successful candidates as per IHI salary scales.

Equal Opportunity

IHI is an equal opportunity employer. We prohibit intentional biases or discrimination and harassment of any kind at the work place and during recruitment. All employment decisions are based solely on job requirements and individual qualifications, and our recruitment process is governed by the labour laws of Tanzania.

Mode of Application

All candidates who meet the above job requirements should send their application letters together with their detailed curriculum vitae (CVs) showing contact addresses including email, telephone/cell phone numbers and copies of academic and professional certificates to the email address below.

The **deadline** for this application is **23:59hrs on Thursday, September 15th 2022.** All e-mail application subject lines should include: **SENIOR DATA MANAGER – TMSA. Only shortlisted applicants will be contacted for an interview.**

Human Resources Manager
IFAKARA HEALTH INSTITUTE
#5 Ifakara Street Plot 463 Mikocheni
P.O. Box 78,373
Dar es Salaam, Tanzania
Email: recruitment@ihi.or.tz

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