

# MUHIMBILI UNIVERSITY OF HEALTH AND ALLIED SCIENCES

## SCHOOL OF MEDICINE DEPARTMENT OF HAEMATOLOGY AND BLOOD TRANSFUSION SICKLE CELL PROGRAMME

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### EMPLOYMENT OPPORTUNITY

Sickle Cell Programme (SCP) is a research programme in the Department of Haematology and Blood Transfusion at Muhimbili University of Health & Allied Sciences (MUHAS) in Dar-es-Salaam, Tanzania. The programme conducts biomedical research, support health care, advocacy and training. The Sickle Cell Programme has an employment opportunity for highly motivated and results-driven individual. One of the projects under Sickle Cell Programme is the Sickle Pan African Consortium (SPARCo CCC), with sites in Tanzania, Ghana, Nigeria, Mali, Zimbabwe and Uganda. SPARCo CCC works with Sickle Africa Data Coordinating Center (SADaCC) a sister project funded by the National Health Institute (NIH) based at the University of Cape Town in South Africa.

### EPIDEMIOLOGIST (1 POST) - DAR ES SALAAM

Sickle Cell Programme is looking for a qualified Individual to fill the post of **Epidemiologist** of the SPARCo Clinical Coordinating Center (SPARCo CCC) project for a period of **ONE year**. The requested Epidemiologist will have an overall responsibility to conduct Sickle Cell Disease (SCD) surveys in order to yield data that will guide the development of policies and programmes for the Sickle Cell Disease in Sub-Saharan Africa (SSA).

### MAIN DUTIES AND RESPONSIBILITIES

1. Provide expertise in the design, management and evaluation of study protocols and health status questionnaires, sample selection and analysis for the SPARCO CCC research projects.
2. To communicate the research study findings to health practitioners, policy makers, and the public.
3. To plan and direct studies to investigate research, preventive methods, and treatments for the SPARCo CCC.
4. To conduct research to develop methodologies, instrumentation and procedures for medical application, analysing data and presenting research findings for the SPARCo CCC's research projects.
5. To advice skills and standards of care teams, to prepare and evaluate the management of health programs related to sickle cell disease by doing planning, monitoring progress and conduct data analysis for the SPARCo CCC research projects.
6. Prepares research activities to assist with SPARCo CCC programmatic and periodic reports as planned and/ or requested by investigators, administrators, consortium, funding agencies, and/or regulatory bodies.
7. Collaborate in monitoring, analysing and disseminating information generated from the Redcap;
8. ensure the quality and accuracy of the information registered in the system in collaboration with other technical staff; prepare statistical analyses, analyse disease risk profiles and assist in coordinating routine epidemiological reporting;
9. Work closely with the SPARCo CCC Research Team, Consortium Teams and Research Technical Lead
10. Collaborate in preparing the consortium risks assessment on prioritizing Sickle Cell Disease event of international concern by using the available information.
11. Perform all other duties as assigned by the Research Technical Lead, Programme Manager and Principal Investigator. Perform other duties as assigned by the supervisor.

## **QUALIFICATIONS, SKILLS & EXPERIENCE**

- At least Seven (7) years of relevant experience in epidemiology.
- Proven knowledge of social research methods, especially survey methodology.
- Experience working with regional and international partners, organizations and institutions.
- Expertise in all aspects of data analysis with special regard to an age and gender perspective.
- Proven ability to manipulate and present data by using standard tabulation and statistical software packages.
- Excellent written and oral presentation skills, including drafting skills.
- Excellent knowledge of English.
- Minimal qualification: Master's degree in epidemiology with a strong quantitative or analytical component.

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## **APPLICATION PROCEDURES:**

This position will be **on Part time** basis for **ONE Year**. Applicants should send their CV's, scanned copies of transcripts/certificates and a cover letter outlining their suitability as per the job description to: [jobs@blood.ac.tz](mailto:jobs@blood.ac.tz) by **16:30 PM on Friday, 09th December 2022**. Only shortlisted candidates will be contacted for interview.

***“Sickle Cell Programme is an equal opportunity employer”.***