



UNITED REPUBLIC OF TANZANIA

MINISTRY OF HEALTH

NATIONAL INSTITUTE FOR MEDICAL RESEARCH



JOB ADVERTISEMENT

1. BACKGROUND

The National Institute for Medical Research (NIMR) is a Parastatal Organization established by an Act of Parliament No. 23 of 1979 (CAP.59, R.E.2002) and became operational in 1980. NIMR-Mwanza Research Centre is one of the NIMR Centers located in Mwanza region. The Centre is currently conducting research on HIV/AIDS, Tuberculosis, non-communicable diseases (NCDs) as well as other diseases of public health importance. The National Institute for Medical Research is looking for the qualified, experienced and well-motivated personnel to fill various positions into different projects at NIMR Mwanza Centre.

2. BRIGHT-SAM RESEARCH PROJECT

The Institute is collaborating with Rigshospitalet (Danish National Hospital), London School of Hygiene and Tropical Medicine and University of Liverpool to conduct a clinical trial to test the effects of novel Ready to Use Therapeutic Foods (RUTF) and a program of psychosocial stimulation on cognitive and nutritional outcomes among malnourished children in Mwanza region. Therefore, the Institute is inviting applications from motivated and suitably qualified Tanzanian candidates to fill the following positions.

A. JOB POSITION: PhD FELLOW (3 POSTS)

A PhD fellow will be expected to write a PhD study proposal and undertake the project on the subject related to the main funded project and submit their thesis within 36 months of PhD registration at any reputable local University.

REPORTING: The post holder will report to the Project Principal Investigator

DUTIES AND RESPONSIBILITIES:

- I. Coordinate the implementation of the BRIGHT-SAM study. This will include;

- a. Preparation of ethics applications, standard operating procedures and field recruitment plans.
- b. Recruitment of study participants and data collection in the field.
- c. To represent the study in national and international platforms.
- II. To undertake a PhD project on the subject related to the main funded project and submit thesis within 36 months; and
- III. To perform any other job-related duties as may be assigned by the Supervisor.

QUALIFICATION AND COMPETENCE:

- i. Master's degree in Epidemiology, Biostatistics, Public Health, Nutritional Sciences, Clinical Research, Pediatrics, Infectious Diseases or related disciplines from a recognized University and a minimum of an upper second or overall minimum of Grade B+ for unclassified Degrees in the Bachelor Degree;
 - I. Experience of writing and publishing scientific work;
 - II. The candidate must have published at least one paper emanating from the Master's degree work or other scientific work or has produced equivalent scientific output;
 - III. Excellent written and oral communication skills in English;
 - IV. Demonstrated ability to work under minimum supervision and meet tight deadlines;
 - V. Commitment to working as part of a multidisciplinary research team; and
 - VI. Ability to work in a multicultural environment.

JOB POSITION: Research Officer (1 post)

REPORTING TO: Project Principal Investigator

DUTIES AND RESPONSIBILITIES

- i. To oversee development and administration of psychosocial stimulation program to children with Severe Acute Malnutrition and Moderate Acute Malnutrition;
- ii. To oversee community engagement aspects of the BRIGHT-SAM trial; and
- iii. To perform any other study-related duty as may be advised by Study supervisor

QUALIFICATION AND COMPETENCE

- ii. Master degree in Public Health, Psychology, Counselling or related field and a minimum of an upper second or overall minimum of Grade B+ for unclassified Degrees in the Bachelor Degree;
- iii. At least two or more years work experience in research field in either child psychosocial stimulation programs or community engagement programs;
- iv. Experience in working in child or adult- malnutrition research projects;
- v. Excellent written and oral communication skills in Kiswahili and English;

- vi. Computer literacy; and
- vii. Good Clinical Practice (GCP) training

JOB POSITION: Data Management Officer (1 post)

REPORTING TO: Project Principal Investigator

DUTIES AND RESPONSIBILITIES

- i. To develop and install data collection tools in appropriate electronic data collection devices;
- ii. To train staff on data collection tools;
- iii. To clean collected data and prepare study database;
- iv. To do data storage back-ups according to approved SOPs; and
- v. To perform any other study-related duty as may be advised by Study supervisor

QUALIFICATION AND COMPETENCE

- i. A Bachelor degree in computer science, data science or related field;
- ii. At least two or more years work experience as data manager in health research;
- iii. Excellent written and oral communication skills in Kiswahili and English; and
- iv. Good Clinical Practice (GCP) training

JOB POSITION: Assistant Pharmacist (2 posts)

REPORTING TO: Project Principal Investigator

DUTIES AND RESPONSIBILITIES

- i. To handle and administer RUTF treatment according to the agreed protocol;
- ii. Accountability of RUTF;
- iii. To ensure all RUTF products are handled in accordance to GCP;
- iv. To ensure all RUTF related data are filled in the trial documents accurately; and
- v. To perform any other study-related duty as may be advised by supervisors

QUALIFICATION AND COMPETENCE

- i. A Diploma or degree in pharmacy from recognized training institution and holding a practicing license from pharmacy council;
- ii. At least two or more years work experience in clinical research;
- iii. Excellent written and oral communications skills in Kiswahili and English;
- iv. Computer literacy; and
- v. Good Clinical Practice (GCP) training

JOB POSITION: Assistant Nursing Officer (12 posts)

REPORTING TO: Project Principal Investigator

DUTIES AND RESPONSIBILITIES

- i. To do phlebotomy for laboratory for various tests;
- ii. To do clinical examinations, blood pressure measurements of recruited children;
- iii. To do anthropometric measurements among recruited children;
- iv. To assist in doing nutritional screening for malnourished children in communities served by a recruitment hospital/ health Centre;
- v. To administer data collection tools using electronic devices; and
- vi. To perform any other study-related duty as may be advised by supervisor

QUALIFICATION AND COMPETENCE

- i. A Diploma-level training in nursing from recognized training institution and holding a practicing license;
- ii. At least two or more years work experience in nursing or clinical research;
- iii. Experience in drawing blood for investigations from children below five years of age;
- iv. Experience in conducting anthropometric measurements in children including screening for Severe Acute Malnutrition;
- v. Excellent written and oral communications skills in Kiswahili and English;
- vi. Computer literacy; and
- vii. Good Clinical Practice (GCP) training

JOB POSITION: Research assistant (12 posts)

REPORTING TO: Project Principal Investigator

DUTIES AND RESPONSIBILITIES

- i. To provide psychosocial stimulation education to the caregivers of recruited children with SAM and Moderate Acute Malnutrition;
- ii. To administer data collection using electronic devices;
- iii. To provide nutritional education and counselling to the caregivers of recruited participants;
- iv. To guide caregivers on making toys from locally available materials; and
- v. To perform any other study-related duty as may be advised by Study supervisor

QUALIFICATION AND COMPETENCE

- i. A minimum of an upper second class or overall minimum of Grade B for unclassified Degrees in the Bachelor Degree training in Human nutrition,

- psychology, education in Guidance and Counseling or other related field from recognized training institution;
- ii. At least two years work experience in research field;
 - iii. Experience in providing psychosocial support/intervention in research or implementation programs will add advantage;
 - iv. Excellent written and oral communication skills in Kiswahili and English;
 - v. Computer literacy; and
 - vi. Good Clinical Practice (GCP) training

JOB POSITION: Community Tracer (2)

REPORTING TO: Project Principal Investigator

DUTIES AND RESPONSIBILITIES

- i. To do community mobilization and tracing of study participants from the community in Mwanza region;
- ii. To transfer biological samples from the recruitment sites to the NIMR-Mwanza laboratory located at Isamilo; and
- iii. To perform any other study-related duty as may be assigned by the supervisor

QUALIFICATION AND COMPETENCE

- i. A Bachelor Degree in community development or related field;
- ii. Have two or more years of community work and in mobilization and follow-up of patients in clinical research settings;
- iii. Excellent written and oral communications skills in Kiswahili and English; and
- iv. GCP training

2. CLIMATCH STUDY

The Institute is collaborating with Rigshospitalet (Danish National Hospital) and Tanzania Meteorological Agency and other partners to conduct a study investigating the long-term effects of climate change on non-communicable diseases (CLIMATCH Study). The Institute is inviting applications from motivated and suitably qualified Tanzanian candidates to fill the following positions.

B. JOB POSITION: PhD FELLOW - NCDs TRACK (2 POSTS)

A PhD fellow will be expected to write a PhD study proposal and submit thesis within 36 months of PhD registration at any reputable local University. The selected candidate will be expected to write PhD proposal in the area related to the main study which may

include an investigation of the effects of climate change on cardiovascular diseases, diabetes, chronic respiratory diseases, mental health or other related chronic conditions.

REPORTING: The post holder will report to the Project Principal Investigator

DUTIES AND RESPONSIBILITIES:

- i. To assist in coordination of implementation of the CLIMATCH study as a deputy coordinator. This will include;
 - a. Preparation of ethics applications, standard operating procedures and field recruitment plans;
 - b. Recruitment of study participants and data collection in the field;
 - c. To represent the study in national and international platforms;
- ii. To undertake a PhD project on the subject related to the main funded project and submit thesis within 36 months; and
- iii. To perform any other job-related duties as may be assigned by the Supervisor.

QUALIFICATION AND COMPETENCE:

- i. A Medical Doctor from a recognized University with full medical registration from Tanganyika Medical Council;
- ii. Master's Degree in Epidemiology, Biostatistics, Public Health (Epidemiology track), Clinical Research, Internal Medicine, Infectious Diseases, Immunology and Molecular Biology or related disciplines from a recognized University;
- iii. Experience of writing and publishing scientific work;
- iv. The candidate must have published at least one paper emanating from the Master's degree work or other scientific work or has produced equivalent scientific output;
- v. Working experience in health research or health care of at least 2 years after completion of internship;
- vi. Excellent written and oral communication skills in English;
- vii. Demonstrated ability to work under minimum supervision and meet tight deadline;
- viii. Commitment to working as part of a multidisciplinary research team; and
- ix. Ability to work in a multicultural environment.

C: JOB POSITION: PhD FELLOW - CLIMATE CHANGE AND HEALTH TRACK (1 POSTS)

The PhD fellow is expected to write a PhD study proposal and submit thesis within 36 months of PhD registration at any reputable local University. The selected candidate will be expected to write PhD proposal in the area related to the main study which may include an investigation of the effects of climate change on non-communicable diseases or other related chronic conditions.

REPORTING: The post holder will report to the Project Principal Investigator

DUTIES AND RESPONSIBILITIES:

- i. To assist in coordination of implementation of the CLIMATCH study as a deputy coordinator. This will include;
 - a. Preparation of ethics applications, standard operating procedures and field recruitment plans;
 - b. Recruitment of study participants and data collection in the field;
 - c. To represent the study in national and international platforms;
- ii. To undertake a PhD project on the subject related to the main funded project and submit thesis within 36 months; and
- iii. To perform any other job-related duties as may be assigned by the Supervisor.

QUALIFICATION AND COMPETENCE:

- i. Holder of Master's degree in Meteorology, climatology, statistics, mathematical modeling, data science, physics or related field;
- ii. Experience of writing and publishing scientific work;
- iii. The candidate must have published at least one paper emanating from the Master's degree work or other scientific work or has produced equivalent scientific output;
- iv. Demonstrate experience in managing complex databases;
- v. Obtained master's degree within the last 5 years;
- vi. The candidate must have analyzed climate data previously; and
- vii. Excellent written and oral communication skills in English.

JOB POSITION: Research Officer (1 post)

REPORTING TO: Project Principal Investigator

DUTIES AND RESPONSIBILITIES

- i. To oversee community engagement aspects of the CLIMATCH study;
- ii. To support recruitment, data collection and management;
- iii. To dissemination activities including preparing abstracts for conferences and manuscripts for publication in peer-reviewed journals; an
- iv. To perform any other study-related duty as may be advised by Study supervisor

QUALIFICATION AND COMPETENCE

- i. Master degree in Public Health or related field and a minimum of an upper second or overall minimum of Grade B for unclassified Degrees in the Bachelor Degree;
- ii. Working experience as an officer responsible for recruitment and retention of participants in clinical studies;
- iii. Having ICT skills and ability to prepare scientific materials;
- iv. Excellent written and oral communication skills in Kiswahili and English;
- v. Computer literacy; and
- vi. Good Clinical Practice (GCP) training

JOB POSITION: Data Management Officer (1 post)

REPORTING TO: Project Principal Investigator

DUTIES AND RESPONSIBILITIES

- i. To develop and install data collection tools in appropriate electronic data collection devices;
- ii. To train staff on data collection tools;
- iii. To clean collected data and prepare study database;
- iv. To do data storage back-ups according to approved SOPs; and
- v. To perform any other study-related duty as may be advised by Study supervisor

QUALIFICATION AND COMPETENCE

- i. Degree in computer science, data science or related field;
- ii. At least two or more years work experience as data manager in health research;
- iii. Excellent written and oral communication skills in Kiswahili and English;
- iv. Computer literacy; and
- v. Good Clinical Practice (GCP) training

JOB POSITION: Research Clinician (4 posts)

REPORTING TO: Project Principal Investigator

DUTIES AND RESPONSIBILITIES

- i. To perform clinical examinations;
- ii. To collect clinical data using approved questionnaires; and
- iii. To perform any other study-related duty as may be advised by supervisors

QUALIFICATION AND COMPETENCE

- i. Diploma in Medicine from recognized institution and holding a practicing license from Medical Council of Tanganyika;
- ii. At least two or more years work experience in clinical research;
- iii. Excellent written and oral communications skills in Kiswahili and English;
- iv. Computer literacy; and
- v. Good Clinical Practice (GCP) training

JOB POSITION: Assistant Nursing Officer (6 posts)

REPORTING TO: Project Principal Investigator

DUTIES AND RESPONSIBILITIES

- i. To do phlebotomy for laboratory for various tests;
- ii. To do anthropometric measurements and other clinical assessments;
- iii. To administer data collection tools using electronic devices; and
- iv. To perform any other study-related duty as may be advised by supervisor

QUALIFICATION AND COMPETENCE

- i. A diploma-level training in nursing from recognized training institution and holding a practicing license;
- ii. At least two or more years work experience in nursing or clinical research;
- iii. Experience in drawing blood for investigations in adults;
- iv. Excellent written and oral communications skills in Kiswahili and English;
- v. Computer literacy; and
- vi. Good Clinical Practice (GCP) training

JOB POSITION: Research assistant (8 posts)

REPORTING TO: Project Principal Investigator

DUTIES AND RESPONSIBILITIES

- i. To do informed consents and administer study questionnaires; and
- ii. To perform any other study-related duty as may be advised by Study supervisor

QUALIFICATION AND COMPETENCE

- i. A minimum of an upper second or overall minimum of Grade B for unclassified Degrees in the Bachelor Degree training in nursing, clinical medicine, social sciences or related field;
- ii. At least two or more years work experience in health research field;
- iii. Excellent written and oral communication skills in Kiswahili and English;
- iv. Computer literacy; and
- v. Good Clinical Practice (GCP) training

3. PARENT APP PROJECT:

NIMR is collaborating with the University of Oxford, UK and University of Cape Town, South Africa to conduct a two-arm cluster randomised controlled trial to test the effectiveness and cost-effectiveness of ParentApp (an evidence-based parenting app for parents and caregivers of adolescents aged 10-18 years) on improving parenting, reducing violence and assessing processes and outcomes which address parenting skills that promote holistic adolescent development, specifically related to executive function and social integration using a learning through play approach. The study is being conducted in two regions - Mwanza and Shinyanga in Tanzania.

D: JOB POSITION: PRINCIPAL RESEARCH OFFICER (1 POST)

The post holder will be responsible for managing the day-to-day implementation of the study in Tanzania, including leading local stakeholder and community engagement, intervention delivery, and data collection and management. Will support the PI with research uptake and reporting activities.

REPORTING: The post holder will report to the Project Principal Investigator

DUTIES AND RESPONSIBILITIES:

- i. To develop research protocols, pretesting, and piloting the data collection tools for the ParentApp Sibling Study and other related studies;
- ii. To participate in developing the capacity of junior staff, including training local research enumerators participating in the ParentApp Sibling Study, a 12-month follow-up study of the ParentApp study;
- iii. Coordinate the Siblings and 12-month follow-up study by planning and overseeing all the fieldwork activities, including the timeline, community engagement, data collection, and consent processes;
- iv. To oversee the survey design and translation of the data collection materials;
- v. To monitor activities for all the field teams involved in the study;

- vi. Liaise with NIMR and UCT/Ox teams on protocol and ethics amendments for additional follow-up as required;
- vii. To ensure that research follows the protocol approved by the Ethics Committee (EC) and the research sponsor and any conditions imposed by the EC;
- viii. To provide weekly fieldwork updates to the UCT and Oxford teams on data collection progress, milestones, successes, and challenges;
- ix. To report regularly to the NIMR-based PI;
- x. Periodically to conduct a quality check of the quantitative data;
- xi. To prepare monthly project reports and policy briefs;
- xii. To engage with policymakers for Policy uptake;
- xiii. To lead and contribute to the preparation of scientific reports and publications and their presentation at national and international meetings and conferences;
- xiv. Promote NIMR, its core values and services, and play a positive role in the delivery of its day-to-day operations and strategic goals; and
- xv. To perform any other job-related duties as may be assigned by the Supervisor.

QUALIFICATION AND COMPETENCE:

- i. A PhD holder with at least five (4) years experience in the same position and a minimum of an upper second or overall minimum of Grade B+ for unclassified Degrees in the Bachelor Degree;
- ii. The candidate must have first authored at least five (5) scientific publications in peer reviewed journals/publisher after attaining a PhD
- iii. Commitment in working as part of a multidisciplinary research team;
- iv. Ability to work in a multicultural environment;
- v. Experience working in rural and urban communities in populations with low illiteracy; and
- vi. Excellent research skills and ability to manage a large collaborative project.

4. RAFT PROJECT:

The Institute is collaborating with the London School of Hygiene and Tropical Medicine to conduct a study on Resilience Against Future Threats (RAFT) through Vector Control, generating new research evidence to inform malaria control programmes and global LLIN-buying agencies to ensure that national mosquito control strategies are increasingly effective and appropriate in the face of new and changing mosquito-borne disease threats, particularly in Africa. The Institute is inviting applications from motivated and suitably qualified Tanzanian candidates to fill the following position;

E: JOB POSITION: ASSISTANT DATA OFFICER (1 POST)

The post holder will be responsible for developing, overseeing, organizing, storing, summarizing data and data systems.

REPORTING: The post holder will report to the Project Principal Investigator

DUTIES AND RESPONSIBILITIES:

- i. To design, implement and maintain database objects (tables, views, indexes and database security);
- ii. To troubleshoot performance and reliability issues and investigate anomalous behavior in the Database environment;
- iii. To repair and ICT equipments and associated peripherals;
- iv. To maintain safety and security to ICT systems and equipments;
- v. To support the applications by handling Large Volume of Data; and
- vi. To perform any other job-related duties as may be assigned by the Supervisor.

QUALIFICATION AND COMPETENCE:

- i. Holder of Diploma or FTC in one of the following fields; Computer Science, Information Technology, Information Systems, Telecommunication or equivalent computer qualifications from recognized Institutions;
- ii. Commitment to working as part of a multidisciplinary research team;
- iii. Ability to work in multicultural environment;
- iv. The candidate must demonstrate in-depth knowledge and understanding of Database concepts for developing new and supporting existing applications;
- v. The Census and Survey Processing System (CSPro) development experience is a must; and
- vi. Must be below 35 years of age.

TERMS OF SERVICE:

One year contract which may be renewed on the basis of performance and mutual agreement.

DUTY STATION:

The successful candidate will be based at NIMR Mwanza Centre and regularly visits at study sites.

COMPENSATION:

A competitive salary will be offered to the successful candidate as per project budget.

MODE OF APPLICATION:

- i. Application letters should be written in English;
- ii. Applicants must attach **certified** copies of Birth certificate, academic certificates and other awards;
- iii. Application letters should be attached with curriculum vitae which includes not less than two relevant referees' contacts;
- iv. Only shortlisted candidates will be contacted; and
- v. Closing date for applications **will be 14 days after the first appearance of this advertisement**

A daytime mobile telephone number and e-mail contact details should be included in the application

All applications should be addressed to:

**Centre Manager,
National Institute for Medical Research (NIMR) Mwanza Centre,
P.O.BOX 1462,
Mwanza. Or through email: mwanza@nimr.or.tz**