



**CALL FOR APPLICATIONS OF POST DOCTORAL RESEARCH
FELLOW (PDRF) IN PUBLIC HEALTH IMPLEMENTATION
RESEARCH**

I. Background

University of Rwanda in partnership with Global Health Research Unit (GHRU) on Neglected Tropical Diseases (NTDs) wishes to recruit a postdoctoral fellow to join its implementation research theme on public health. Global Health Research Unit (GHRU) on Neglected Tropical Diseases (NTDs) focuses on three of the most overlooked NTDs: podoconiosis, mycetoma and scabies, and has conducted research spanning geospatial analysis, medical anthropology, genetic mapping, and drug identification and implementation science.

The overarching aim of this programme is to improve the health and wellbeing of people affected by these three NTDs in Rwanda Ethiopia and Sudan. This is a 5-year programme comprising 12 research projects. The projects will run in parallel and are grouped into four interrelated themes: 1. Mechanisms of disease, 2. Geospatial mapping 3. Diagnostics and drug development and 4. Implementation research

The NIHR Global Health Research Project is conducted in collaboration with Brighton & Sussex Medical School and in partnership with Addis Ababa University and the Armauer Hansen Research Institute in Ethiopia, and the Mycetoma Research Centre, University of Khartoum, Sudan.

II. Role and description

- Contribute to cultural adaptation and use of standardized research tools to measure mental disorders and other variables among research subjects
- Provide supportive supervision of data collection for all the two PhD students.
- Participate in the supervision of the PhD students in the implementation research
- Co-authoring on publications and reports arising from the work package activity
- Coordinate and offer technical support for the development of and customization of the study tools for the PhD students.
- Participate in the training of CHWs on how to use WHO apps for diagnosing podoconiosis
- Provide support while CHWs are using WHO apps, supervise validation and screening podoconiosis against the gold standard
- Liaise with senior academics, research assistants, representatives from the Global Health Research Unit (GHRU) to deliver on work package of them 4A.

Essential experience

- Developing and managing research plans
 - Implementing public health programmes/activities in Rwanda
 - Experience in quantitative and qualitative research methods
- Planning and coordinating community-based surveys, planning and setting research timelines.



- Ensuring ethical research practices including informed consent
- Developing and delivering training in epidemiology and/or healthcare
- Analysis of epidemiological data
- Working with surveillance data and understanding surveillance data flows
- Experience in writing for publication or presentation.

Desirable experience

- Implementation research experience and skin diseases specialist (being a dermatologist)
- Developing data collection system using mobile devices
- Collecting geographical, demographic, and clinical data using mobile devices
- Working within communities
- Establishing or evaluating a surveillance system
- Health facility evaluation
- Economic/costings analysis
- Working with health stakeholders in Rwanda
- Experience of working with CHWs and on NTDs in Rwanda's health sector.

Essential skills

- Leading teams
- Teaching and facilitation
- Different study design and analysis of cross-sectional studies and implementation research studies including sample size calculation etc).
- Skills in statistical software

III. Funding

The successful candidates will receive a monthly living allowance (stipend) for the period of 2 years.

IV. Application requirements

- Be a Rwandan
- PhD degree in epidemiology, infectious disease, public health, implementation or related field
- Excellent organizational skills demonstrated by ability to deliver against deadline
- Excellent written and verbal skills
- Proven ability to prioritize and time management of work activities, work to deadlines and demonstrate initiative
- Proven ability to work independently and as part of a team
- Proven ability to effectively communicate research findings to a diverse range of stakeholders

V. Application file

- (1) Application letter addressed to the Director of the Centre Postgraduate Studies at UR with a copy to the Project PI-Prof. Mutesa Leon and Co-PI Dr. Rugema Lawrence



- (2) A curriculum vitae including all your scientific publications
- (3) A copy of degrees and transcripts
- (4) A recent passport photo and a copy of ID or passport

VI. Selection methodology

An interview will be organized for candidates fulfilling the requirements.

VII. How to apply and key dates

- (1) Applicants are requested to send documents as listed above by email to the scholarship officer ur-cpgscholarship@ur.ac.rw at UR-CPGS, and a copy to lmutesa@gmail.com (Project PI) and lrugema@nursph.org , Dr. Rugema Lawrence Project Co-PI

- (2) Deadline for application: Friday June 30, 2022

For more information, contact:

- (3) Project PI, Prof. Mutesa Leon, email: lmutesa@gmail.com or Project Co-PI, Dr. Rugema Lawrence, e-mail: lrugema@nursph.org

Done at Kigali, May 30, 2022



Prof. Nosa O. EGIEBOR
Deputy Vice Chancellor for Academic Affairs and Research
University of Rwanda