



Call for Post-Doctoral research fellow recruitment

I. Background

The University of Rwanda is implementing a project known as **RIGHT/Rwanda912: Use of an innovative electronic communications platform to improve pre-hospital transport of injured people in Rwanda**. This is a research grant jointly awarded to the University of Birmingham (Lead Institution) and the University of Rwanda (Co-Lead Institution) by the Research and Innovation for Global Health Transformation (RIGHT) program of the National Institute of Health Research (NIHR), UK. The RIGHT program funds interdisciplinary applied health research in Low- and Middle-Income Countries (LMICs) on areas of unmet needs where a strategic and targeted investment can result in a transformative impact. The Rwanda912 project will develop and test a new electronic system that could speed up hospital transfers and help reduce the likelihood of people dying unnecessarily from injuries caused by road traffic crashes or violence. The project is designed in a way that maximizes opportunities for transferring this technology to other LMICs with developed or developing ambulance systems in the future. In collaboration with a software company based in Rwanda, the Rwanda Build Program, Rwanda Biomedical Centre (RBC), the University of Birmingham, the University of Global Health Equity (UGHE), the University of York, The University of Aberdeen, and the University of Utah, we will develop further and finalize the 912Rwanda, a novel electronic tool which regularly collects information from hospitals on availability of staff and equipment, and from the ambulance crew on patient status in order to match the patient with the nearest hospital that can efficiently manage their condition, and we will explore its real-time capabilities. This cutting-edge study will test the effectiveness, cost, and delivery of this communication platform in two different settings: Kigali, which is predominantly urban, and Musanze District which is predominately rural.

II. Roles and Responsibilities

The Post-Doctoral Research Fellow (PDRF) will gain experience working in a strong and supportive multidisciplinary, multi-country team, and working on a highly relevant project of global health transformational importance. The PDRF will have an opportunity to learn from multiple methodologies that the project will use and will gain a firm and broad base in applying these methods to comprehensively understand a complex health system issue. The successful candidate will be supported to author several manuscripts, deliver presentations, and advance his/her career throughout the project.

In addition, the successful candidate will be expected to:

- 1) Assist the PI in the overall coordination of the project at the University of Rwanda.



- 2) Plan and carry out research, using appropriate methodology and techniques. This may include, where appropriate the following activities:
 - Plan, publish and/or execute high-quality research.
 - Present findings in high-quality publications and conference proceedings.
 - Develop novel methodologies and techniques appropriate to the type of research being pursued.
 - Support the development of data collection tools, ensure accurate data collection, data entry, and conduct qualitative interviews.
 - Coordinate research activities and supervise other research staff.
 - Promote and ensure compliance with good practice in relation to the conduct of research, ethical guidelines, and other relevant UR and funder's policies.
 - Provide expert advice to colleagues and students within the project and the area of research.
 - Develop and make substantial contributions to knowledge transfer and public engagement activities of manifest benefit to the College of Medicine and Health Sciences and the University of Rwanda.
 - Apply knowledge in a way that develops new intellectual understanding.
- 3) Contribute to some administrative activities within the University of Rwanda, typically relating to this research project:
 - Preparation and delivery of project progress and other reports (e.g. any risk; due diligence; and equity, diversity, and inclusion reports)
 - Working alongside SPIU to ensure the timely delivery of the funder's finance reports.
 - Coordination and management of project resources.
- 4) Support the coordination of stakeholder involvement, including working with lay people, communities, and policymakers in Rwanda to ensure the reach and impact of the findings.
- 5) Input into the supervision of Ph.D. students, monitor their progress, participate in their examinations, and work closely with partners and the funder to develop capacity in multiple research methods which the project will employ.
- 6) Actively manages equality, diversity, and inclusion through monitoring and evaluation and actively challenging unacceptable behaviour.
- 7) Ensure effective communication about the project among team members and other stakeholders.
- 8) Pursue personal research including developing research ideas and winning support, including financial support.

III. Call for applications

The University of Rwanda wishes to recruit one highly motivated candidate for a Post-Doctoral Research Fellowship under the **RIGHT/Rwanda912**:



Use of an innovative electronic communications platform to improve pre-hospital transport of injured people in Rwanda Project. Eligible candidates able to commit at least 50% of their time to the project are invited to apply for this highly competitive position.

IV. Funding

The PDRF scholarship funding will come from the **RIGHT/Rwanda912: Use of an innovative electronic communications platform to improve pre-hospital transport of injured people in Rwanda Project** and will cover an attractive monthly salary, fieldwork fees, conference attendance, and other study-related expenses stipulated within the project. This project is funded by the National Institute of Health Research (NIHR), UK, through the University of Birmingham.

V. Application requirements

- Be a Rwandan citizen
- Be an academic staff member at UR

Key attributes:

The Post-Doctoral Research Fellow is expected to demonstrate:

- Excellent quantitative and qualitative analytical skills,
- A high level of self-organization and self-motivation.
- Strong interpersonal skills and experience of working with multiple partners from diverse backgrounds and different contexts.
- A proven track record in analysing extensive and complex quantitative and/or qualitative data including experience with statistical analysis software packages.
- Ability to monitor and evaluate the extent to which equality and diversity legislation, policies, and procedures are applied.
- Ability to identify issues with the potential to impact on protected groups and take appropriate action.

Qualifications:

- A Ph.D. degree in a medical, healthcare, or health economics-related subject or equivalent qualifications.
- At least two years of experience in areas of research or research project management.
- Demonstrable experience in health systems in Rwanda or similar settings, and preferably experience in the field of injury care or health economics (preferably more than one of these subject areas).
- Demonstrable experience of applying and/or developing and devising successful models, techniques, and methods.



- Demonstrable experience and success in research project planning, undertaking, and managing to deliver high-quality results.
- Experience working at a high level on a multi-country project (Preferable).
- Experience of working at a post-doctoral level in a low or middle income country setting (Preferable).
- Experience with community engagement (Preferable).
- Experience in delivering training to junior academics and others who contribute to projects who are in LMIC settings (Preferable).
- Experience in qualitative analyses (Preferable).
- Experience in engaging multiple stakeholders who are lay people, healthcare workers, and policymakers (Preferable).

VI. Application file

Applicants should provide:

- (1) a Curriculum Vitae showing the required experience,
- (2) two recommendation letters from relevant academic referees,
- (3) a cover letter addressed to the Director of the UR CPGS
- (4) copies of all degrees earned.

VII. Selection Methodology

Shortlisted candidates will be invited to the interview on dates that will be communicated through emails.

VIII. How to apply

If you are interested please send the above documents (scanned and saved as one document or as a zipped folder) to the following addresses: ur-cpgscholarship@ur.ac.rw with a copy to dean.somp@ur.ac.rw no later than 30th May 2023 at 23h59.

Note: A candidate should submit only one application

Done at Kigali, on May 15, 2023

Dr. KAYIHURA Muganga Didas, PhD
Acting Vice Chancellor

