



MAKERERE UNIVERSITY

POST-DOCTORAL FELLOWSHIP IN SOCIAL SCIENCE

The school for biomedical sciences at College of Health Sciences, Makerere University, Uganda, offers a European Commission-funded postdoctoral fellowship. The aim of the fellowship is to support and nurture a cohort of early career researchers who will work on the CAGE-TB project.

About CAGE-TB Project

The Cough Audio triaGE for TB (CAGE-TB) project aims to promote the adoption of mobile health-based cough audio triage testing for active pulmonary tuberculosis in health facilities in high-burden settings. Its aims are to generate and separately validate a cough audio classifier that meets World Health Organization (WHO) triage test target product profile sensitivity and specificity criteria, produce data on potential cost savings, and package the underlying technology into an easy-to-use smartphone app built using human-centered design ready-for-use in large-scale clinical evaluations. It will do so through:

- ❖ Collecting cough audio data in a discovery cohort of patients with a prolonged cough who present to primary care clinics in Kampala and optimizing a classifier scheme;
- ❖ Validating the audio classifier algorithm in separate clinical validation cohorts in Kampala, Uganda, and calculating potential cost savings; and
- ❖ Using a human-centered design process to integrate the classifier into a smartphone application and identifying potential barriers and facilitators to its successful deployment.

The postdoctoral fellow will be part of a team involved in the development of a research agenda that interrogates the TB triage and diagnostic policies, practices and service delivery, and care for TB patients in Kampala.

Successful candidates will be expected to;-

- Participate fully in the life of the program and contribute to the research environment at The College of Health sciences at Makerere University, for the duration of the project;
- Undertake fieldwork for six months in the country
- Develop research and ethical protocols based on best practice guidelines;
- Produce both individual and co-authored publications;
- Assist in the supervision of junior researchers and PhD fellows
- Present papers at aligned conferences and;
- Primarily work as part of a research team within and outside of the College of health sciences



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Minimum Qualifications

- Hold a Ph.D. degree in Anthropology, or cognate discipline awarded within the last 5 years;
- Proficient in qualitative and experience in conducting ethnographic research Have excellent communication, presentation, and writing skills in English.
- Demonstrated ability to communicate complex findings to an audience with varied disciplinary backgrounds;

Other Desirables

- Willingness and ability to work independently and to collaborate with a multidisciplinary and international team;
- Socially engaged, highly motivated to understand social dynamics, autonomous and creative.
- The willingness to be part of an international research team.
- Experience in undertaking data collection in primary care settings;
- Has taken a leading role in at least one article published in an international peer-reviewed journal (i.e. first author added advantage);
- Familiarity with TB diagnosis, diagnostic challenges, and care in a low- middle-income country;
- Interest in mobile health and/or digital health interventions or diagnostics to support health services.

Do you recognize yourself in this job profile? Then we look forward to receiving your application by **24th March 2023**. You can apply online or by sending the following to Ms. Joanitah Basemera: email birungijoanah@gmail.com. Indicate **Postdoc TB-CAGE** in the subject line.

- CV. Please mention the months (not just years) in your CV when referring to your education and work experience;
- Transcripts of all university courses taken and grades obtained;
- A cover letter that includes a brief statement of research interests and experience;
- Two references

Please combine all documents into a single PDF file and send it to Ms. Joanitah Basemera: birungijoanah@gmail.com Applications must be submitted before 24th March 2023.
