

## DESCRIPTION OF FELLOWSHIP

### CHMI-TRANS EDCTP FELLOWSHIP

#### PhD Fellowship

Ifakara Health Institute (IHI) is a leading research organization in Africa, with a strong track record in developing, testing and validating innovations for health. Driven by a core strategic mandate for research, training and services, the institute's work now spans a wide spectrum, covering biomedical and ecological sciences, intervention studies, health-systems research and policy translation.

A fully funded PhD studentship commencing in June 2021 is available at our Bagamoyo site. The studentship will be funded through the European & Developing Countries Clinical Trials Partnership (EDCTP). The studentship will provide the awardee with an opportunity to carry a PhD project with IHI in collaboration with the University of Oxford. This work will give access to high-quality research environment and the supervision by internationally renowned researchers.

*Title of Project:* Establishment of in-vivo transmission model using Controlled Human Malaria Infection.

Supervisors: Dr. Ally Olotu, and Prof Simon Draper.

#### ***Brief description of project***

The purpose of the project is to establish the in-vivo transmission model and investigate factors that might influence the gametocyte formation and mosquitoes' infectivity. The project will assess the efficiency of two antimalarial drugs regimens to induce high levels of gametocytemia in healthy African adults and mosquito infectivity rates. The student will have an opportunity to work in the research clinic to conduct a clinical trial, and work in the immunology and molecular laboratory.

#### ***Eligibility criteria***

Candidates for these scholarships must meet the following eligibility criteria.

1. Applicant should be of Tanzanian nationality.
2. An MD degree with Master's degree in any biological science subject.
3. A commitment to research demonstrated by previous work experience.

#### ***Terms of the award***

Three and a half-year scholarships will be offered which will be supported by a €75,600 stipend that is expected to cover the personal stipend, the tuition fees as well as any other costs related to the travel and accommodation required to complete the training.

Costs of research undertaken as the basis of the PhD thesis are covered by the hosting institution. **The PhD project must be considered work-oriented and relate to the planned work at IHI.** A Candidate will be expected to register for their degree with a recognized institution of higher learning within Tanzania that supports PhD program.

### ***Application procedure***

Applications should be submitted on the designated electronic application form available on the IHI website <https://ihi.or.tz/our-job-post/>. The responses submitted to this call for applications may not exceed the maximum number of pages indicated in the application form. Any sections of the application exceeding the maximum number of pages will be disregarded. Any paper versions of applications will be rejected. Candidates who have difficulty in accessing or completing this electronic application should approach Dr. Kafuruki Shubis for advice (see contact address below).

*Language:* All applications must be written in English.

*Confirmation of receipt:* Receipt of your application will be acknowledged within two working days. Applications not acknowledged as received may have not been successfully transmitted and should be resubmitted via e-mail. Under no circumstances will IHI accept responsibility for lost e-mails or consider applications received after the deadline. Applicants are solely responsible for ensuring that their applications are received and acknowledged before the deadline.

*Submitting on time:* Applications may be submitted on or after the opening date, and must be successfully received by Dr. Kafuruki Shubis no later than the submission deadline (5:00 p.m. GMT on the indicated date for the application deadline). If an application is not received by the deadline, it will not be acknowledged and therefore not reviewed. See also: Confirmation of receipt (above).

### ***Evaluation and Selection procedure***

IHI has set up a Student Selection, Evaluation and Monitoring Committee (SSEMC).

Short listed candidates will then be interviewed reviewed by the SSEMC and recommendations made for selection. Criteria on which selections will be based will include past educational experience, evidence of a commitment to research, referees report and the expected impact of the PhD training at personal and institutional level in the context of future career development. Award of a scholarship will not guarantee a place at the chosen university. Thus, before application, candidates should check that they meet the PhD student entry requirements of the university that they have chosen.

### ***Time-lines***

Completed applications must be submitted as an e mail attachment to Dr. Kafuruki Shubis (kshubis@ihi.or.tz) by 26<sup>th</sup> September 2020, It is anticipated that awards will be made in October 2020.

### ***Contacts***

Dr. Kafuruki Shubis

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