

## SHORT-TERM CERTIFICATION TRAINING (TRACK II) FELLOWSHIP OPPORTUNITIES: SUMMER 2019

**Overview:** The Ohio State University's (OSU) Global One Health initiative (GOHi) is the university's largest interdisciplinary example of institutional teamwork operating on a global scale. GOHi improves the health of communities, builds capacity among academic and public health professionals and provides learning opportunities for students, faculty and staff around the world.

GOHi's One Health East Africa Research and Training (O-HEART) Program aims to strengthen and sustain the international research-training program shared between OSU and Institutes of Higher Learning in eastern Africa. The specific mission of the program is to train the future researchers and trainers using an integrated multidisciplinary "One Health" approach. The ultimate goal is to establish sustainable research and training capacity for zoonotic infectious foodborne, vectorborne and waterborne pathogen research in eastern Africa. O-HEART will build a critical mass of capable scientists that can effectively conduct research on infectious diseases, implement prevention tactics, and innovate control systems. The main targets of the program are four eastern African academic institutes, (University of Gondar and Addis Ababa University, Ethiopia; University of Nairobi, Kenya and Sokoine University, Tanzania). There is the potential also for students/staff to be affiliated with the research institutes: Kenya Medical Research Institute (KEMRI) or Ethiopian Public Health Institute (EPHI).

OHEART is supported by a research training grant (titled: Sustainable One Health Research Training Capacity: Molecular Epidemiology of Zoonotic Foodborne, Vectorborne and Waterborne Pathogens in Eastern Africa) awarded by the US National Institutes of Health (NIH)- John E Fogarty International Center Global Infectious Diseases (GID) program (grant number 2D43TW008650-06). Ongoing activities of the program include research, pre-doctoral training of both PhD students, post-doctoral fellows, and short-term trainees that focuses on foodborne, vectorborne and waterborne pathogens, molecular epidemiology, bioinformatics and research ethics.

### The TRACK II fellowship

In this cycle (2019) solicitation, this program will receive **14** laboratory technologist candidates from the partner institutes in eastern Africa: Ethiopia (8); Kenya (5) and Tanzania (1). The training is for six weeks which consists of didactic modular courses in six areas: **1)** Ethics in biomedical research and biosafety; **2)** Introduction to molecular epidemiology and bioinformatics; **3)** Environmental health and infectious diseases; **4)** Vector-borne diseases **5)** Immunology and vaccine development **6)** Adjunct skills (proposal writing, grant management and scientific communications etc.) In addition, the fellowship will have 2 weeks of practical laboratory training.

### Dates and Venues:

The didactic training program will take place at the Ethiopian Public Health Institute (EPHI) campus and the practical laboratory training part will be at the Kenya Medical Research Institute (KEMRI). The 4-week didactic training program will be from **June 3-June 28, 2019**. Fellows will travel to Kenya for practical laboratory training. The practical training will be held for 14 days from **July 1-12, 2019**. Upon successful completion of the training, fellows will receive certificate of participation from The Ohio State University and its regional partners.



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### **Selection guidelines and eligibility requirements**

Fourteen fellows will be financially supported during this year's cycle. Partner institutes are, hereby, requested to select **qualified trainees from each partner institute** for this cycle of fellowship. This fellowship targets laboratory technologists and technicians who are expected to continue to work on foodborne, water-borne, vector-borne and related infectious diseases research supporting the PhD fellows currently on O-HEART training and post-doctoral fellows to seed the critical mass of teams in each of the target institutes. For this cycle of the program, the total number of trainees to be selected is 14 according to the following **quota (AAU (3), UoG (3), UoN (3), EPHI (2) , KEMRI (2) and SUA (1)).**

### **Selected candidates must fulfill the following criteria and requirements:**

1. Must be a permanent staff member in a partner east African academic institution with outstanding academic and practice credentials.
2. Must be from the same general laboratory setting at which the current O-HEART PhD and/or post-doc fellows originated.
3. Relevance of past laboratory activity and current unit assignment at one of the East African academic institutions participating in the consortium.
4. Currently working on relevant infectious diseases/food safety research areas and anticipated to work with NIH-Fogarty PhD and post-doc fellows in the future.
5. Provide a letter of recommendation by the head of the respective institute supporting the training of the fellow and guaranteeing that trainee will be paid in full salary while on training and will remain an employee of the institute upon completion of the certification program.
6. Provide a detailed Curriculum Vitae.
7. Provide a copy of degree from a university.

### **Financial support**

Selected trainees will receive full financial support for lodging, round trip airfare (For those who do not reside near the site of training) and subsistence for the duration of training (42 days). All costs will be covered by the NIH Fogarty grant as stipulated by the funding agency.

### **Application instruction and deadline**

Selected candidates documents should be submitted to the Chair of Selection and Oversight committee for a review and approval of candidates. Please send complete application to: Endashaw, Tigist [endashaw.1@osu.edu](mailto:endashaw.1@osu.edu)

**Application deadline: May 1, 2019**

**Application format:** Complete documents of selected candidates must be submitted by email only (as a single PDF document).



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