



PhD Studentship Opportunity at the Armauer Hansen Research Institute (AHRI).

The Armauer Hansen Research Institute (AHRI), founded in 1970 through the initiative of the Norwegian and Swedish Save the Children organizations and the Ethiopian Ministry of Health, is a leading biomedical research institute. Named after Gerhard Henrik Armauer Hansen, who first described the leprosy bacillus, AHRI specializes in developing tools for research, vaccines, prevention, control, and treatment of neglected tropical and other major public health diseases through applied biomedical research, studies, and training.

AHRI, operating under Ethiopia's Federal Ministry of Health, invites applications for a PhD studentship.

Title: Development of Improved Diagnostic Tools and Surveillance for Arboviruses in the Horn of Africa

Project Summery

Arboviruses like dengue, Zika, Yellow Fever, and Chikungunya are transmitted by mosquitoes and pose a major public health threat in the Horn of Africa, especially dengue, which infects millions. Due to limited surveillance, poor diagnostic tools, and cross-reactivity among flaviviruses, the true extent of their spread is poorly understood. This project aims to develop and evaluate new serological methods using recombinant antigens to accurately detect and differentiate these viruses. The goal is to improve diagnostics, enhance surveillance, and support control efforts in the region.

Duration- Studentship will typically be for two to three years. The research project starts immediately upon acceptance.

Study sites: Addis Ababa with travel for fieldwork.

Value of Studentship

position/studentship covers full research costs and limited travel support.

Requirement

Applicants must be Ethiopian nationals and should hold a first or upper-second class honors BSc degree or equivalent in Life Sciences. Students are required to have completed a Master's degree in Biomedical Sciences, Microbiology, Biotechnology, Bioinformatics, Immunology or related fields before undertaking a PhD. Unless otherwise stated, students must be registered at public universities in Ethiopia and completed the required first year course work in their PhD program.

How to Apply

Applicants should submit the following documents to AHRI Research Training Directorate (research.training@ahri.gov.et



https://redcap.link/Arbovirus_horn_africa or

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- ☐ A cover letter and their CV, including full contact details of two referees
- ☐ Copies of their BSc and MSc degrees and transcripts, number of publications with link (if any)
- ☐ Copy of transcript reflecting first year PhD courses
- ☐ Recommendation letter from their university PhD advisor to undertake this PhD studentship

For further information please contact [Azeb Mekonnen, azeb.mekonnen@ahri.gov.et].

Application closing date: September 12 , 2025

Note: - Female candidates are strongly encouraged to apply

-Please make sure you mention the project title in the application (motivation letter)