



PhD Fellowship 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 Post doc fellowship.

Title: Advanced Computational Approaches for Understanding Disease Transmission

Project Summery

In this project the fellow will apply advanced computational approaches to analyze Ethiopia's experiences in managing past infectious disease outbreaks. Using existing surveillance data, national reports, and health records, the research will identify transmission trends, detect systemic gaps, and highlight opportunities for enhancing outbreak preparedness and response across diverse disease contexts. This project also addresses structural challenges in Ethiopia's health system, including fragmented data systems, limited cross-sector coordination, and sustainability of response mechanisms. The insights generated will inform national policy, support integrated epidemic intelligence, and contribute to building a more resilient health system.

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

Study sites: Primarily based in **Addis Ababa, Ethiopia**, with potential travel to regional sites as needed.

Value of Studentship

This position/studentship covers full research costs and limited travel

Requirement

Applicants must be Ethiopian nationals with a strong academic and professional background. Eligible candidates should hold a BSc in Health Sciences or a related field, a Master's degree in Public Health, Epidemiology, Biostatistics, Health informatics, Data science. Candidates must be under the age of 40 at the time of application and be registered at public universities in Ethiopia and have completed the required first year course work in their PhD program in Health Sciences or Computational Sciences.

How to Apply

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



[https://redcap.link/Disease transmission](https://redcap.link/Disease_transmission) or)

- ☐ 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 PhD courses completion
- ☐ Recommendation letter from their university's 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)