

VACANCY ANNOUNCEMENT

Job Summary

Position: Research Officer/Scientist – Intern (6 Posts)
Reports To: Senior Research Scientist
Work Station: Dar es Salaam
Apply By: 17th February 2025

Institute Overview

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, service delivery and policy translation.

Position Summary

Ifakara Health Institute is looking for **Research Officer or Research Scientist** to join the team as an intern and mentee to the Malaria Atlas Project (**MAP**) Dar es Salaam Node, an African-based regional office for **MAP** responding to the growing demand for country-specific subnational risk mapping analyses, the necessity to bolster the technical support provided to national programs, and enhancing leadership, R&D in advanced modelling and analytical capacity for endemic-country modelers and institutions.

Modelling for Decisions in a Dynamic Africa (MoDD Africa) compliments MAP work through taking a deeper dive into the adaptive malaria modeling looking at environmental, vectors and health systems relationships. The position will be for a minimum of three (3) months with the possibility to be extended based on performance and project demand. The successful candidate will be based in Dar es Salaam, Tanzania or at partner institutions within our network in Africa.

Duties and Responsibilities

The intern and mentee will perform the following duties; -

- Practice dissemination and research skills and capacities while actively responding to the questions from the malaria control programs (NMPs) and other malaria stakeholders from endemic countries in Africa.
- Enhance their analytical, programming.
- Perform data gathering and extraction.
- Perform data management, and visualization.
- Have opportunity to design and implement small projects with time-bound deliverables that contribute to the overall objective and scope of the two projects.
- Abide by institutional policies and procedures.

Ifakara Branch

Off Mlabani Passage
 P.O. Box 53 Ifakara
 Phone: +255232931572

Dar es Salaam Office

Plot 463 Mikocheni
 P.O. Box 78,373 Dar es Salaam
 Phone: +255222774756

Bagamoyo Branch

Kingani Area
 P.O. Box 74 Bagamoyo
 Phone: +255232440065

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Qualification and Experience

- Completed Bachelor or master's degree in relevant fields including statistics, mathematics, data science, or similar quantitative disciplines. Knowledge of public health, disease epidemiology, vector-borne diseases and ecology is desirable.

Skills and Competencies

- Ability in using tools to examine, analyse and process data such as R, Python, QGIS; developing dashboards, machine learning tools and eagerness to expand those skills.
- Ability to keep attention to details, self-scrutiny, and with time management abilities.
- Multilingual - English, Swahili, French, Portuguese.
- Must adhere to IHI core Values.

Remuneration

An attractive and competitive remuneration package will be offered to successful candidates as per IHI salary scales.

Equal Opportunity

IHI is an equal opportunity employer. We prohibit intentional biases or discrimination and harassment of any kind at the work place and during recruitment. All employment decisions are based solely on job requirements and individual qualifications, and our recruitment process is governed by the labour laws of Tanzania.

Mode of Application

All candidates who meet the above job requirements should send their application letters together with their detailed curriculum vitae (CVs) showing contact addresses including email, telephone/cell phone numbers and copies of academic and professional certificates to the email address below.

The **deadline** for this application is **12.00 noon on Monday 17 February 2025**. All e-mail application subject lines should include: **[Research Officer/Scientist- Intern – MAP- EA]**. **Only shortlisted applicants will be contacted for interview.**

This position is open for applicants from Africa, especially those from malaria-endemic regions.

Female applicants are strongly encouraged to apply.

Senior Human Resources and Administration Manager
IFAKARA HEALTH INSTITUTE
Plot 463 Mikocheni
P.O. Box 78,373
Dar es Salaam, Tanzania
Email: recruitment@ihi.or.tz

info@ihi.or.tz | www.ihi.or.tz

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VACANCY ANNOUNCEMENT

Job Summary

Position: Research Officer - Analyst (2 Posts)
Reports To: Senior Research Scientist
Work Station: Dar es Salaam
Apply By: 11th February 2025

Institute Overview

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, service delivery and policy translation.

Position Summary

Ifakara Health Institute is looking for a **Research officer** to join the **Malaria Atlas Project (MAP) Dar es Salaam Node**. The RO will play a significant and strategic role of continuously assisting core researchers improving the data science capability while contributing to the development of analytical models, preparation of input data, deployment of workflows, and dissemination of results, including writing reports, papers for peer reviewed publication, poster preparations and engaging with relevant collaborators. The ROs in addition to playing the supporting role, are expected to lead, design and implement small projects with deliverables contributing to the overall objective and scope of MAP project.

Duties and Responsibilities

- Undertake and support literature reviews, data searches and data extraction, including extraction of needed metrics for modelling work from published literature and official reports.
- Obtain, manage, and conduct preliminary processing and analysis on a variety of datasets.
- Utilize software including Excel, ArcGIS/QGIS, STATA, and R, Python and others to examine, manipulate, analyze and process data, create graphs, reports, maps, and, creating other visualizations of results.
- Select, follow, and adapt data extraction and manipulation protocols.
- Promote the best practice on use of data and conduct analytics by being responsible with others for general IT housekeeping, maintenance of back-ups, documentation of protocols, data processing procedures, and review of procedures.
- Take reasonable care for your own safety and health and avoid harming the safety and health of others through any act or omission at work.
- Identify and assess workplace hazards and apply hazard controls.
- Report every workplace injury, illness or near miss, no matter how insignificant they seem.
- Abide by institutional policies and procedures.

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Qualification and Experience

- Minimum requirement is completion of a Bachelor's degree in a relevant subject area i.e., statistics, mathematics, data/computer science/engineering, or similar quantitative discipline.
- Strong computer, organizational, analytical, and problem-solving skills.
- Experience in managing, analyzing, interpreting, wrangling and manipulating data using a variety of software platforms; Skills on use of R software is essential for this role.
- Excellent levels of numeracy as evidenced through your experience and/or education with the ability to use numerical analysis methods and perform computations.
- Ability to communicate (verbal and written) in the English language.
- Demonstrated ability to keep attention to details, self-scrutinize outputs.
- Proven project and time management abilities.
- Demonstrated capacity to work effectively as part of a multidisciplinary team with minimal supervision.

Skills and Competencies

- An understanding of the epidemiology of vector-borne diseases such as malaria and other infectious diseases, public health.
- Experience of working with spatial data and geometry files using GIS tools.
- Ability and experience to write codes in R-studio, develop packages and dashboards.
- Interest for career development including joining MSc or PhD program in advanced modeling.
- Experience in development and/or delivering training for different audiences.
- Knowledge of other languages including Swahili, French, Spanish, Portuguese.
- Must adhere to IHI core Values.

Remuneration

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Equal Opportunity

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The **deadline** for this application is **17:00 hours on Tuesday 11 February 2025**. All e-mail application subject lines should include: **[Research Officer - Analyst - MAP - EA]**. **Only shortlisted applicants will be contacted for interview.**

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