

VACANCY ANNOUNCEMENT

Job Summary

Position: Research Officer (1 post)
Reports to: Project Leader
Work station: Dar es Salaam
Apply by: 15th March 2024

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 and policy translation.

Position Summary

Ifakara Health Institute is seeking a qualified **Research Officer** to join the **EDRP (Epidemic Detection & Response Project)** which is mandated to develop and strengthen the required capacity for local scientists as well as to work on machine learning, Artificial Intelligence (AI), software programming, and in data management & analysis related projects. The broad objective is to annotate the satellite imagery and support validation of burial sites and provide any support that might be required for the execution of the project and to learn the implementation of the machine learning algorithm architecture.

Duties and Responsibilities

- Execute different Data Science tasks in relation to health while acquiring the required skills.
- Work on data management and analysis related to mosquito studies.
- Work on several projects to acquire skills on computer programming, machine learning, and AI.
- Participate in grant applications to support masters' programs.
- Provide support to undertake different reviews related to infectious disease modeling projects.
- Participate in writing reports, scientific manuscripts, and other outputs to disseminate results in technical working groups, and in local & international conferences.
- Assist with any other duties as directed by Principal Investigator and Project Leader.

Qualification and Experience

- Holder of BA or BSc in computer science, computer engineering, engineering, mathematics, health informatics, Information Technology and Systems or any other related discipline.
- Experience in developing mobile applications.
- Experience in publishing in international peer reviewed journals is a plus.
- Experience in developing web-based database applications.

Ifakara Branch

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

Dar es Salaam Office

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

Bagamoyo Branch

Inside District Hospital
P.o. Box 74 Bagamoyo
Phone: +255232440065

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Skills and Competencies

- Proficiency in one or more programming languages such as Java, JavaScript, HTML, CSS, PHP, SQL.
- Proficiency in data analysis packages, e.g., Python, STATA, R, MATLAB.
- Proficiency in statistical software (R is a plus).
- Intermediate data management and data analysis skills.
- Ability to communicate effectively in spoken and written English, with good presentation skills.
- Ability to work independently, within interdisciplinary teams, and as part of a team on large research projects.
- Having some knowledge on infectious diseases and non-infectious diseases in general is a plus.
- Must have ambition to join MSc and PhD program in related field.

Remuneration

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

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: **17:00 hrs on March 15th 2024**. All e-mail application subject lines should read: **Research Officer – EDRP**. Only shortlisted applicants will be contacted for an interview.

Human Resources Manager

**Ifakara Health Institute,
Kiko Avenue, Mikocheni,
P .O. Box 78373,
Dar es Salaam
Email: recruitment@ihi.or.tz**

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