# VACANCY ANNOUNCEMENT

Job Summary	
Position:	Research Officer (Intern in Biostatistics) – 1 post
<b>Reports To:</b>	Project Leader / Principal Investigator
Work Station:	Ifakara
Apply By:	16 <sup>th</sup> June, 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 (IHI)** is looking for highly motivated and skilled graduates to join our team as **Research Officer Interns** and train in biostatistics. Selected candidates will receive specialized training while contributing to a cutting-edge research project titled Molecular Surveillance of Malaria in Mainland Tanzania (MSMT2). The project aims to strengthen capacity for malaria molecular surveillance in Tanzania and beyond.

The MSMT2 project is being implemented in collaboration with the Ministry of Health (MoH) through the National Malaria Control Programme (NMCP), the President's Office – Regional Administration and Local Government (PO-RALG), and the National Institute for Medical Research (NIMR). The project is currently in its second phase of implementation.

The MSMT2 team, in close collaboration with multidisciplinary researchers, public health professionals, and local and international stakeholders, will appropriately train the successful candidates. The training will be part of the ongoing efforts to strengthen and scale up local capacity for molecular, genetic, genomic, and serological laboratory and data analytics to support malaria molecular surveillance and other requirements based on the project's objectives. The project endeavors to ultimately support policy change and informed decision-making for malaria control and elimination in Tanzania.

### **Duties and Responsibilities**

The Intern will receive training and become part of the team that is involved in performing routine and specialized tasks in the implementation of the MSMT2 project. Generally, he/she will have the opportunity to obtain training support and contribute to data analysis for the project.

The Internship will provide hands-on training in data management, analysis, interpretation, and presentation of findings of different studies to be conducted by the project. The duties and responsibilities of a successful candidate shall include theoretical and hands-on training in the following areas:

• Familiarizing with data management strategies and procedures of the MSMT2 project.

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- Supporting the management (cleaning, processing, and analysis) and appropriate storage of the data generated by the project.
- Familiarizing with data-analytics to support the MSMT2 project deliver its milestones.
- Preprocessing and cleaning raw data for statistical analysis.
- Analyzing real-world biomedical data focusing on malaria molecular surveillance.
- Developing statistical computing skills in one of the programming languages (R, STATA, python or SAS).
- Developing oral and written presentation skills.
- Understanding and identifying options for higher studies or developing a career in biostatistics.
- Obtaining training in and applying statistical models (e.g., linear regression, logistic regression, survival analysis) to research questions.
- Generating statistical reports and presentations for research teams.
- Attending and contributing to research meetings, discussions, and journal clubs.
- Develop skills in manuscript preparation for scientific publications.
- Any other areas as may be determined by the Project Leader, Principal Investigator and other superiors.

## **Qualification and Experience**

- Bachelor's degree in either Mathematics and Statistics, Biostatistics, Mathematics, Statistics, Data Science or any related qualifications received within the past 24 months.
- Pass in the first degree with a minimum GPA of 3.8 and with exceptional ability for science leadership development.
- Experience in bioinformatics and practical skills in mathematical/statistical modelling will have an added advantage.

## **Skills and Competencies**

- The position requires some practical and technical abilities as a potential for training to acquire key skills of high relevance to the MSMT2 project.
- Applicants should have complex problem-solving skills, decision-making, independence, critical thinking, time management, and teamwork skills.
- The applicant must have the ability to work well with partial supervision.
- Have good verbal and written communication skills; with good commands of both Kiswahili and English.
- Adhere to IHI core values (Integrity, Initiative, Equity, Excellence, Accountability).

## 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.

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### **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 (EAT) on Monday, June 16<sup>th</sup> 2025.** All e-mail application subject lines should include: **RESEARCH OFFICER (INTERN IN BIOSTATISTICS)** – **MSMT2 Project. Only shortlisted applicants will be contacted for interview.** 

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#### Bagamoyo Branch Kingani Area

# VACANCY ANNOUNCEMENT

Job Summary	
Position:	Electrician – 1 post
Reports To:	Branch Manager
Work Station:	Ifakara
Apply By:	10 <sup>th</sup> June, 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** seeks a qualified **Electrician** to join our team at the Ifakara branch in Morogoro. The successful candidate will be responsible for installing and repairing ordinary electrical controls, wiring, and lighting systems, working from a technical aspect. The candidate must hold a certified electrician qualification from a recognized technical college and have proven experience working with both basic and advanced electrical systems.

#### **Duties and Responsibilities**

- Assemble, install, test, and maintain electrical or electric wiring, equipment, apparatus, and fixtures using hand tools and power tools.
- Inspect electrical systems, equipment, and components to identify hazards, defects, and the need for adjustment or repair, and to ensure compliance with codes.
- Test electrical system and continuity of circuits in electrical wiring, equipment, and fixtures, using testing devices such as ohmmeters, voltmeters, and oscilloscopes, to ensure compatibility and safety of the system.
- Service, clean, and inspect equipment periodically following established PMs (Preventative Maintenance).
- Create notifications and follow up on repairs.
- Perform any additional task assigned by Supervisor.

#### **Qualification and Experience**

- Possesses a Form Four certificate along with a certification in electrical installation.
- Have five years of hands-on experience in electrical work.

#### **Skills and Competencies**

- Excellent interpersonal skills.
- Great communication skills.
- Self-motivated and focused in work.
- Ability to work collaboratively within a team.
- Adhere to IHI core values (Integrity, Initiative, Equity, Excellence, Accountability).

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#### 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 (EAT) on Tuesday, June 10<sup>th</sup> 2025.** All e-mail application subject lines should include: **ELECTRICIAN – Ifakara. Only shortlisted applicants will be contacted for interview.** 

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# Bagamoyo Branch

# VACANCY ANNOUNCEMENT

Job Summary	
Position:	Research Scientist (PhD student) – 1 post
<b>Reports To:</b>	Principal Investigator
Work Station:	Zanzibar
Apply By:	16 <sup>th</sup> June, 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** seeks a qualified **Research Scientist** who will join as a PhD student to evaluate different interventions to reduce antibiotic prescription in primary care health facilities in Zanzibar. The interventions include a digital health CDSA, monthly antibiotic stewardship club meetings with healthcare providers, and implementation of CRP point-of-care tests.

#### **Duties and Responsibilities**

- Adapt a digital health clinical algorithm for primary care use in Tanzania.
- Support and coordinate two cluster RCTs, including study design, and implementation.
- Regularly visit primary care facilities to train, mentor, and support healthcare providers.
- Facilitate monthly antibiotic stewardship meetings to discuss challenges and solutions.
- Conduct qualitative research (interviews, focus group discussions).
- Perform statistical analyses of the RCT and analyze qualitative data.
- Publish at least three first-author peer-reviewed articles based on the PhD research.

#### Qualification and Experience

- Holds a medical degree (MBBS, MD, or equivalent).
- Possession of 1-2 first-author publications (pre-prints are acceptable).
- Experience in digital health tools and technologies.
- Experience managing research projects or clinical trials.
- An MSc in a similar field will be an added advantage.

## **Skills and Competencies**

- Ability to work independently and in a multidisciplinary, international team.
- Ability to coordinate with clinical experts and stakeholders.
- Proficiency in data analysis software (R, Python, or Stata).
- Fluent in English and Swahili languages (written and spoken).
- Strong organizational and communication skills.
- Proficiency in motorcycle operation (for field visits).
- Adhere to IHI core values (Integrity, Initiative, Equity, Excellence, Accountability).

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#### Bagamoyo Branch Kingani Area

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#### 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 **12:00hrs (EAT) on Monday, June 16<sup>th</sup> 2025.** All e-mail application subject lines should include: **RESEARCH SCIENTIST PhD – MOCA. Only shortlisted applicants will be contacted for interview.** 

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## Bagamoyo Branch

Research Officer (Intern in Genomics & Bioinformatics) – 2 posts
Project Leader / Principal Investigator
Dar es Salaam
16 <sup>th</sup> June, 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 (IHI)** is looking for highly motivated and skilled graduates to join our team as **Research Officer Interns** and train in genomics and bioinformatics. Selected candidates will receive specialized training while contributing to a cutting-edge research project titled Molecular Surveillance of Malaria in Mainland Tanzania (MSMT2). The project aims to strengthen capacity for malaria molecular surveillance in Tanzania and beyond.

The MSMT2 project is being implemented in collaboration with the Ministry of Health through the National Malaria Control Programme (NMCP), the President's Office – Regional Administration and Local Government (PO-RALG), and the National Institute for Medical Research (NIMR). The project is currently in its second phase of implementation.

The MSMT2 team, in close collaboration with multidisciplinary researchers, public health professionals, and local and international stakeholders will appropriately train the successful candidates. The training will be part of the ongoing efforts to strengthen and scale up local capacity for molecular, genetic, genomic, and serological laboratory and data analytics to support malaria molecular surveillance, and other requirements based on the project's objectives. The project endeavors to ultimately support policy change and informed decision-making for malaria control and elimination in Tanzania.

### **Duties and Responsibilities**

The Intern will receive training and become part of the team that is involved in performing routine and specialized tasks related to the execution of laboratory procedures for the MSMT2 project. The position entails dedication and commitment to follow the training program of the MSMT2 project.

The training will cover areas such as sample collection, processing, analysis, and storage, as well as acquiring skills and experience in Good Clinical Laboratory Practices (GCLP), Standard Operating Procedures (SOPs), and professional and project standards and/or guidelines. Overall, the training will enable the interns to obtain skills and experience in the entire process of generating and analyzing genomic data within the MSMT2 project.

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The duties and responsibilities of a successful candidate shall include theoretical and hands-on training in the following areas:

- Sample collection, processing, and analysis according to the project's needs and SOPs.
- Processing and recording all test results according to SOPs for all specimens delivered to the laboratory.
- Storage and location of specimen records according to the SOPs of the project.
- Planning and performing routine and specialized technical procedures required by the project including troubleshooting during work.
- Maintaining laboratory equipment standards and cleanliness according to the engineer's advice, guidelines, and equipment manual.
- Effective communication within project, and with hospital staff, and field teams to get all the collected information for laboratory records.
- Quality Control programs of the MSMT2 project as required by GCLP to ensure the reliability of testing procedures, proper functioning of laboratory equipment, and compliance with relevant regulations.
- Internal and external regulatory authorities responsible for quality assurance and quality control of laboratory processes, health and safety, and inspection control practices.
- Science communication, grant writing, manuscript development and other relevant skills such as epidemiology, biostatistics, genomics, bioinformatics, etc.
- Attend and contribute to research meetings, discussions, and journal clubs.
- Develop skills in manuscript preparation for scientific publications.
- Any other areas as may be determined by the Project Leader, Principal Investigator and other superiors.

## **Qualification and Experience**

- Bachelor's degree in either Medical Laboratory Science or Molecular Biology and Biotechnology received within the past 24 months.
- Pass in the first degree with a minimum GPA of 3.8 and with exceptional ability for science leadership development.
- Experience in genomics and practical skills in different molecular biology techniques, and at least one (1) year of experience in a similar field will have an added advantage.

## **Skills and Competencies**

- The position requires some practical and technical abilities as well as the potential for training to acquire key skills of high relevance to the MSMT2 project.
- Applicant should have complex problem-solving skills, decision-making, independence, critical thinking, time management, and teamwork skills.
- The applicant must have the ability to work well with partial supervision.
- Applicants must have good verbal and written communication skills; with good commands of both Kiswahili and English.
- Adhere to IHI core values (Integrity, Initiative, Equity, Excellence, Accountability).

## Remuneration

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### **Equal Opportunity**

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### **Mode of Application**

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The **deadline** for this application is **17:00 hrs (EAT) on Monday, June 16<sup>th</sup> 2025.** All e-mail application subject lines should include: **RESEARCH OFFICER (INTERN IN GENOMICS & BIOINFORMATICS) – MSMT2 Project. Only shortlisted applicants will be contacted for interview.** 

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#### Bagamoyo Branch Kingani Area

# VACANCY ANNOUNCEMENT

Job Summary	
Position:	Clinical Officer – 1 post
<b>Reports To:</b>	Project Leader
Work Station:	Ifakara
Apply By:	17 <sup>th</sup> June, 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 (IHI)** is looking for qualified and experienced **Clinical Officer** to join and collaborate within the existing clinical research platform of Chronic Diseases Clinic Ifakara (CDCI), Intermediate Care Unit at St. Francis Referral Hospital (IMC-SFRH), CARECHAIN-NCD and Heart and Lung Clinic to implement the CARECHAIN-NCD within Kilombero, Ulanga, Malinyi and Bagamoyo districts. The Clinician will be required to follow and abide to the KIULARCO protocol related activities and will be performing the training related activities. The candidate will attend patients at the Heart and Lung Clinic and Intermediate Care Unit (IMC), CDCI during community outreach according to the allocated duties.

### **Duties and Responsibilities**

- Participate in data collection at Heart and Lung Clinic, CDCI, public health facilities, and the community.
- Attend to patients with heart failure, diabetes, hypertension, asthma and COPD as per CARECHAIN-NCD scope.
- Learn to perform comprehensive sonography and echocardiography in the clinics and within another project operating areas.
- Learn to do research that aligns within the scope of the CARECHAIN, IMC, KIULARCO project scope.
- Data collection and management.
- Patient recruitment and consenting.
- Train other healthcare workers to perform comprehensive sonography and echocardiography in the clinics and within other project operating areas.
- Conduct health education and community sensitization about NCDs, and their interaction with HIV/AIDS.
- Coordinated MCT accredited courses within the Ifakara training platform.
- Be ready to work on any other relevant duties allocated by the project Principal Investigator and Project Leader.

### **Qualification and Experience**

• Minimum of a diploma in Clinical Medicine.

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- Experience in quantitative data collection.
- Experience in qualitative data collection.
- Experience serving or attending patients with non-communicable diseases or HIV.
- Competent and certified on Good Clinical Practice (GCP).

### **Skills and Competencies**

- Fluent in Swahili language; fluency in English is added advantage.
- Interested in doing both clinical and research and field work.
- Excellent interpersonal skills and able to collaboratively work in a team.
- Capable of interaction with district local leaders and village members.
- Result oriented.
- Professional attitude to work and clear work ethics.
- Adhere to IHI core values (Integrity, Initiative, Equity, Excellence, Accountability).

### Remuneration

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The **deadline** for this application is **17:00 hrs (EAT) on Tuesday, June 17<sup>th</sup> 2025.** All e-mail application subject lines should include: **CLINICAL OFFICER – CARECHAIN NCD. Only shortlisted applicants will be contacted for an interview.** 

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