MAKERERE UNIVERSITY
P.O. Box 7062
Kampala Uganda
Website: www.mak.ac.ug

Tel: +256-414-542922 / 541577
Email: hospital@mak.ac.ug
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UNIVERSITY HOSPITAL
OFFICE OF THE DIRECTOR

iTECH PROJECT (In Utero Program)

JOB OPPORTUNITIES

Background

Makerere University Hospital received funding from Wellcome Leap, In Utero Program to support implementation of the "Stillbirth in High Burden Settings: Ample Room for Improvement Using Biomarkers and Ultrasound Technologies" (iTECH) project. The iTECH project aims to develop novel clinical tools for use to diagnose and manage high-risk pregnant women and reduce the burden of stillbirths in Uganda, sub-Saharan Africa, and globally. Makerere University Hospital seeks to recruit suitable candidates for the following positions

Available Position: Data Manager (**01**)

Duty Station: Kampala

Engagement: Full Time

Reporting to: Project Manager

Job Summary:

The Data Manager will oversee the development and implementation of strong data management. He/she will implement efficient ways to collate, organize, store and analyze data with attention to security and confidentiality.

Key Duties and Responsibilities:

- Participate in the creation and enforcement of policies and guidelines for effective data management.
- Alongside the QA and QC manager, facilitate site level data quality assessment, auditing and verification for improvement.
- Participate in the collection, cleaning, validation and maintenance of high-quality research data.
- Use a variety of advanced statistical software, methods, and techniques to gather, analyze, and interpret research data to derive useful information for research data;
- Advise and assists in the development of inferences and conclusions, as appropriate.
- Write and execute statistical methods and analysis sections of protocols, reports and peer-reviewed publications
- Design templates and develop specifications for status reports, analysis tables, graphs, and data listings for use in research publications and ad hoc reporting.

- Participate in the process of data sharing with project team and external stakeholders.
- Assist with reports and data extraction when needed from the integrated database in order to track recruitment and retention of study participants.
- Monitor and analyze information and data systems and evaluate their performance to discover ways of enhancing them (new technologies, upgrades etc.)
- Troubleshoot data-related problems and authorize maintenance or modifications.
- Participate in the review of the data management plan, maintain the data management plan throughout lifecycle of projects and ensure data management plan is followed according to iTECH project data requirements/needs.
- Maintenance of study database with regular feedback on occurrences and how these were rectified.
- Assist in defining and/or create data listings, summary table validation, data specifications and/or process data transfers in preparation for statistical review and/or data management audit.
- Coordinate the archiving of databases and related documents. Verify data in accordance with the study data management standard operating procedures (SOPs).
- Respond to requests for standard reports as required in a timely manner.

Qualifications, Skills and Experience:

- MUST have a Master's degree in Biostatistics or Statistics or Clinical Epidemiology or Statistical Epidemiology or related field, with significant experience in Medical Sciences or public health research and data analysis.
- MUST have a strong understanding of databases and data analysis
- Good analytical thinking and ability to interpret epidemiological data
- At least one year of progressive experience in data management including designing databases, data collection, analysis and presentation.
- Knowledge of common Statistical analysis and database management packages including STATA, R, SPSS, Redcap, Open Data Kit (ODK)
- Up-to-date training in Good Clinical Practice and Human Subjects protection Research.
- Should be dynamic and flexible to deliver on strict program deadlines
- Possess excellent troubleshooting skills.
- Able to work under pressure

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iTECH PROJECT (In Utero Program)

Available Positions: Data Officer (**02**)

Duty Station: Hoima and Kampala

Engagement: Full Time

Reporting to: Site Manager/ Data Manager.

Job Summary:

The data officer will provide ongoing technical assistance to the project and facility team in recording and management of project-related data in line with the study guidelines.

She/he will also assist the Data Manager in the entry, cleaning and analysis of data captured by the study database.

Key Responsibilities:

- Ensure weekly back up of study data including ultrasound, maternal hemodynamics, laboratory, placenta histology and routine clinical data.
- Support with study data entry.
- Help the site teams to project participant recruitment and follow-up numbers together with the data manager.
- Handle labelling of study participant forms including study informed consent forms and lab request forms by assigning study IDs
- Perform labelling of ultrasound and maternal hemodynamic profiles, and any other data as guided by the line supervisor
- Perform data export from the study equipment at the sites.
- Help with participant tracking for follow up study visits and deliveries
- Support the site study team in the timely compilation of daily, weekly and monthly study reports
- Any other duties as may reasonably be assigned by the data manager and project manager

Qualifications, Skills and Experience:

- The applicant must hold a Bachelor's Degree in Information Technology/ Computer science.
- Experience in medical data management is an added advantage.
- Should be dynamic and flexible to deliver on strict program timelines
- Understands client confidentiality and exhibits a high level of ethical conduct
- Has basic computer literacy including word processing, excel, internet and PowerPoint.
- Highly organised and pays attention to detail
- Good interpersonal skills and ability to work in a team
- Should have analytical abilities
- Good communication skills

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iTECH PROJECT (In Utero Program)

Available Position: Study nurse (**01**)

Duty Station: Hoima

Engagement: Full Time

Reporting to: Site Manager and Project Manager

Job summary:

The Study nurse will be responsible for recruitment of study participants and administering of required study related procedures to these participants.

Key Duties and Responsibilities:

- Participate in protocol, standard operating procedures (SOPs) or any other study trainings
- Participate in study site entry visits and engage with management of study participants. These include but not limited to patient enrolment, as guided by the protocol.
- Obtain written informed consent for those eligible and are willing to participate in the study
- Administer all study procedures like sample collection, data collection and entry, patient follow-up and treatment to patients recruited into the study as guided by the protocol and in accordance to set standards of Good Clinical Practice
- Perform patient safety monitoring for any adverse events, offer care and referral as needed
- Provide counselling and pyscho-social support to study participants where needed
- Conduct assessment of maternal hemodynamics and maternal hemodynamics data collection under guidance of coordinator.
- Perform first-level quality assurance and quality control (QA / QC) to ensure all fields in the consent forms and case report forms (CRFs) are complete and accurate
- Offer support to the community health workers and research assistants for the follow-up of study participants.
- Assist in generating study progress reports as needed
- Perform any other duties assigned by the Operations Research officer, Project Manager and principal Investigator, as deemed necessary for study activities

Required Qualifications, experience, skills and attributes:

- Minimum of a Bachelor in Nursing from a recognized institution.
- Currently registered with the Uganda Nurses and Midwives Council and an up-to-date Practicing License.
- Up-to-date training in Good Clinical Practice and Human Subjects Protection Research.
- Previous experience with working in a research environment will be an added advantage
- Ability to speak the indigenous languages spoken in the western region will be an added advantage

How to apply:

All applications must be submitted to the email: **itechprojectug@gmail.com**
before **Friday 4th March 2024 at 5:00PM**

Additional Information

1. The subject line of your email should be: "***Application- (indicate the position) - iTECH Project***"
2. Submit your application (1-page cover letter, 3 pages resume including two referees, and relevant supporting documents) as **ONE** PDF
3. PDF's exceeding 5MBs will be considered ineligible.
4. Submission of incomplete or inaccurate documents will render the applicant ineligible for consideration for the job opening.
5. Applications cannot be amended following submission.
6. Only shortlisted candidates will be contacted for interviews.
7. The interviews will be held on **11th March 2024.**