



AFENET Secretariat
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Job Opportunities

Background:

The African Field Epidemiology Network (AFENET) is a not for profit, networking alliance and service organization that brings together field epidemiology training programs (FETPs) across Africa working side by side with Ministries of Health, regional and international partners. AFENET works to strengthen epidemiology and disease surveillance capabilities of African countries that are critical to meeting the requirements of the Integrated Disease Surveillance and Response (IDSR) strategy and the International Health Regulations (IHR). AFENET is seeking to recruit highly qualified & experienced personnel to serve in the indicated positions below.

AFENET since April 2016 awarded a five year cooperative agreement: *Strengthening the Uganda Ministry of Health Capacity to execute its Essential Public Health Functions through Provision of Technical Assistance and Public Health Workforce Development and Institutional Capacity Building in the Republic of Uganda, under PEPFAR.*

We look forward to fill the two positions with **highly qualified and experienced persons**. The recruitment shall be done by AFENET through this advert as well as secondment of the suitable and qualified personnel from the Ministry of Health.

Application Deadline: February 15, 2019

Position: Health information Systems Analyst

No. of vacancies: (01)

Duty Station: Ministry of Health

Job Purpose:

The Health Information systems analyst will be responsible for managing the acquisition, supply and distribution of information within Ministry of Health and for making that information accessible to other users. They will be responsible for implementing processes related to data generation, compilation, analysis and synthesis, and communication and use (conversion of health data to information for health-related decision making).

Key responsibilities:

- Work with Ministry of Health Technical programs to support information use from the national DHIS2
- Uses information system(s) and other data sources in collaboration with technical programs and other state agency program staff to evaluate program and population-based performance, evaluations, and outcome measures.
- Evaluate necessary changes in existing information resources to 1) ensure that comprehensive, valid, and reliable data are available for program research and evaluation, 2) comply with nationally-recognized data standards.
- Provide technical assistance and training in the use of data in policy and program development efforts with state and local public health agencies and staff.
- Assist in development of guidelines and templates for promoting data use with in Ministry of Health and its partners.
- Provide support for effective disease monitoring and surveillance, and decision-making.
- Establish study methodologies and protocols for collecting, retrieving, analyzing, and maintaining programmatic data across program areas.
- Examining any public health situation and determining the amount of information to release and what information should be shared with the public.
- Preparation of materials such as brochures, policy briefs, newsletters that are used to share information the various technical programs within Ministry of Health
- Development of different guidelines that are used during the sharing of information to the public or the media.
- Evaluating, organizing, cataloguing, classifying, managing and distributing information in a variety of formats with Ministry of Health.

Other Duties:

- Support training of Ministry of Health staff in data analysis and use for decision making
- Evaluate information against a set of standards of information integrity and comparability.
- Interpret and analyze medical, health and other data obtained from a variety of sources.
- Produce timely and accurate data for disease surveillance and assist data-driven decision making for unique public health needs.
- Plan, design and develop information systems that meet the needs of clinical care, and public health practice and research.
- Develop instruments and methodologies for an integrated public health surveillance system such as aberration detection algorithms, data mining programs, and for matching and duplication of individual records when integrating different databases

- Apply knowledge of database design and management for the needs of clinical care and public health practice and research.
- Design and conduct quantitative research studies; collect, interpret and publish findings.
- Maintain a professional demeanor in all circumstances.
- Establish and maintain cooperative working relationships with those contacted in the course of work.
- Creating and maintaining health data files.
- Monitoring compliance of data processes with laws such as confidentiality and privacy laws and regulations.
- Analyzing and reviewing of records for completeness and accuracy.
- Managing and updating databases and registries.
- Monitoring and maintaining reporting capabilities for indicators and other organization reporting objectives as assigned.
- Other duties include; creating databases; ensuring that data protection laws are met; carrying out information audits, inquiries and internal commissions; writing reports.
- Performing other duties as assigned by the supervisor.
- Troubleshoots problems reported by information system users.

Qualifications and skills

- Bachelor's degree in Computer Science, Information Technology, information science, information systems, health sciences.
- Master's degree in Health Informatics, computer science, information systems
- At least three to five years' working experience as a business analyst, technical project manager, or in a similar role working closely with stakeholders to define and deliver business requirements for data use.
- Understanding of the Health Management Information System with knowledge of national and global health issues strongly preferred
- Familiarity with emerging technologies for web or mobile application development for data visualization and analysis
- Experience in data management (including managing databases) and data analysis
- High levels of proficiency in Access, Microsoft Word, Excel, PowerPoint;

Leadership and Interpersonal Skills

- Ability to think strategically and anticipate future consequences and trends
- Ability to work well both independently and as part of a multidisciplinary team
- Strong work ethic, integrity, credibility, and dedication to Ministry of Health mission.

- Ability to be effective, calm, and flexible in high-pressure situations, to handle multiple tasks simultaneously and to effectively prioritize.
- Ability to communicate effectively with people of varied professional and cultural backgrounds.
- Exceptional written, oral, and interpersonal skills.
- Proven ability to function in a fast-paced work environment
- Demonstrated ability to work with a sense of urgency and timeliness
- Excellent research, coding, and analytical abilities.
- In-depth knowledge of computers and information systems.
- Outstanding organizational and communication skills
- Qualitative and quantitative techniques for analyzing and measuring the effectiveness, efficiency, and productivity of administrative and technical programs.
- Project management disciplines.
- Database and data warehouse development, use, and management.
- Principles and practices of epidemiology and statistical analysis.

2. Position: Health Informatics Specialist

No. of vacancies: (01)

Duty Station: Ministry of Health

Job Purpose:

The purpose of this position is to provide strategic and technical support to Ministry of Health to meet the goals and objectives of the eHealth policy and strategy in alignment with the health sector program and goals. The candidate will serve as a liaison between and among technical programs within Ministry of Health.

Major Duties and Responsibilities

- Provide technical and strategic assistance to Ministry of Health to assure that information systems and other eHealth activities are implemented in line with the eHealth policy and strategy.
- Participate in and coordinate ongoing information system application testing, implementation, and evaluation with project teams across Ministry of Health.

- Designs workflows and processes for data management and then translate systems requirements into applications prototypes; plan and design systems and applications architecture.
- Participate in evaluation of the adoption of automated information systems(s) to accommodate special and complex needs of Ministry of Health.
- Work with vendors, IT professionals, and public health program areas to develop system requirements and plan, develop, and maintain health information systems.
- Establish appropriate data security provisions and protocols to enable access to and maintenance of public health data and personal health information.
- Monitor and evaluate electronic operation processes and practices for quality and effectiveness and makes recommendations for improvement.
- Anticipate the impact that new or modified software will have on existing standards and systems, workforce, and public health programs, and makes recommendations for solutions.
- Provide or arrange for technical assistance and/or training for system users.
- Conduct literature reviews, and prepares informatics models, frameworks, or summary documents as needed.
- Prepare presentation, communications materials, press releases, and other media-related materials as regards to digital health implementation.
- Work with stakeholders for eHealth issues to advance agency goals and objectives and identify areas of collaboration with partners to support eHealth policy and strategy implementation.
- Ensure consistency with, leverage, and seek to influence as appropriate, national standards and certification initiatives to achieve interoperability.
- Support use of informatics practices to integrate clinical health, environmental health, and population health data to improve priority community level health outcomes.
- Advise on health information vocabularies and data standards (e.g. HL7, ICD, LOINC and SNOMED codes) Information system design, development and management.

- Provides recommendations to senior leadership, as requested, to support decisions on information systems requirements and procurement.
- Carry out any duties as assigned by supervisor

Required Academic Qualifications:

Bachelor's degree in Health Informatics, health Science, clinical science, Public Policy or Health Policy, Health Information Sciences, or closely related field .

Master's degree in public health informatics, health informatics or a related field and four (4) years of experience in informatics including demonstrated experience in public health practice.

Experience and knowledge:

- Uganda's healthcare systems and practices.
- Strategies for achieving effective data acquisition, management, quality, storage, use, and application to address population health needs.
- Applicable laws, statues, and policies regarding health information including security, privacy, and management of confidential data.
- Public health reporting, information system standards, and public health data for Uganda
- Workflow engineering and Informatics project/product portfolio management.
- Information Technology Lifecycle and information system design.
- Data collection and use methodologies, including survey research, registry operations, usability studies, focus groups, and interview data collection and analysis.

Leadership and Interpersonal Skills

- Ability to think strategically and anticipate future consequences and trends
- Ability to work well both independently and as part of a multidisciplinary team
- Strong work ethic, integrity, credibility, and dedication to Ministry of Health mission.
- Ability to be effective, calm, and flexible in high-pressure situations, to handle multiple tasks simultaneously and to effectively prioritize.
- Ability to communicate effectively with people of varied professional and cultural backgrounds.
- Exceptional written, oral, and interpersonal skills.



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Benefits: A competitive remuneration

Application Process

Interested candidates should submit their Application Letters detailing their experiences and skills, Curriculum Vitae, copies of relevant academic documents and 3 references online to: **The Human Resource Office, African Field Epidemiology Network (AFENET) via Email: sec@afenet.net on Friday, February 15, 2019 by close of business (East Africa Time).**

*ONLY successful candidates shall be contacted for an interview.

Note: More details about this position can be obtained from our website: www.afenet.net