

GLOBAL PROGRAMS for Research & Training

Affiliate of the University of California, San Francisco

Vacancy Announcement Senior Biostatistician Nairobi, Kenya

Closing Date – 14 October 2022

Background

The University of California San Francisco (UCSF) is engaged in a five-year Cooperative Agreement with the U.S. Centers for Disease Control and Prevention-Kenya (CDC-Kenya) to provide technical assistance to the Ministry of Health (MOH) and its partners to conduct HIV/STI surveillance, survey and evaluation activities. We are recruiting an individual through our affiliated international NGO Global Programs for Research & Training to serve as the Senior Biostatistician.

Roles & Responsibilities:

Under the supervision of the Medical Epidemiologist, the Senior Biostatistician's key roles and responsibilities shall include, but not be limited to:

- Lead a team of statisticians and data management staff to provide support in data management and analysis for all HIV surveillance, surveys and evaluations projects including surveys, program evaluations, bio-behavioural surveys, program and laboratory data analysis and others as needed.
- Provide strategic guidance to analysis work within the organization, MOH, partners and CDC-Kenya.
- In collaboration with other epidemiologist, lead the development and implementation of data analysis plans for projects and surveys.
- Lead writing of sections of protocols, reports, presentations that are relevant to statistical expertise including sampling methodology, sample calculations, data management and analysis.
- Lead the development of training materials and/or courses in statistical analysis in coordination with capacity building advisor and epidemiologist.
- Work with team leads to facilitate dissemination of work through presentations, reports and scientific manuscripts.
- Work with the HIS team by providing input and guidance in development of data collection tools for surveys and programs.
- Mentor and provide guidance to statisticians, surveillance officers on statistical analysis work.
- Participate in data analysis, report and manuscript writing workshops for MOH and stakeholders.
- Establish and maintain close collaboration with the Ministry of Health, CDC-Kenya and other agencies and institutions, and key partners.

Minimum Requirements:

- A PhD in biostatistics or epidemiology with 6 years+ work experience or master's degree with 15 years+ is required.
- Minimum of ten years working in public health and/or epidemiology related field is required.
- Broad knowledge of concepts of public health, epidemiology, statistics and surveillance.
- Demonstrated experience and technical expertise with management and analysis of complex survey data, multivariate analysis, modeling, and geo-spatial analysis.
- Demonstrated experience preparing survey and surveillance protocols, technical reports and scientific manuscripts.
- Experience supervising and/or mentoring junior statisticians and/or data managers.
- Demonstrated experience providing training and capacity building on statistical analysis and statistical packages.
- High-level proficiency both in SAS and STATA statistical software packages.
- Demonstrated strong oral and written communication skills.
- Fluency in English required.

Other Desired Skills/Qualities:

- In-depth, comprehensive, and evolving knowledge of statistical and mathematical analysis techniques integrated with computer applications.
- Ability to work under general direction with minimal supervision, prioritize program activities, manage multiple activities with competing timelines and deadlines, and multitask.
- Strong interpersonal skills in working with colleagues, subordinate staff, as well as partner and funding organizations.
- Ability to effectively communicate complicated statistical and epidemiological information to diverse audiences in a clear and concise manner, both in written and oral form.

To Apply

Qualified Kenyan nationals are encouraged to apply.

All applicants must address each selection criterion detailed in the minimum requirements above with specific and comprehensive information. All applications must include the following:

- Cover Letter
- Current CV with names, email addresses and telephone numbers for three referees

Applications must be sent by email to HR.Kenya@ucglobalprograms.org with the email subject **Senior Biostatistician** by end of day **Friday, October 14, 2022, by 5pm EAT**.

Only short-listed candidates will be contacted.