

TERMS OF REFERENCE
Millennium Promise / Earth Institute at Columbia University

JOB TITLE: Mobile Health (mHealth) Program Country Coordinator

JOB LOCATION: Conakry, Guinea

PROGRAM OVERVIEW:

A community-based Ebola response effort is underway through a partnership with the government of Guinea, UNICEF-Guinea and the Earth Institute, Columbia University (New York, USA). Community Health Workers will be deployed in a step-wise fashion throughout the country of Guinea over the course of the next 2 years, starting in Nzérékoré and Conakry, the two regions most affected by the current Ebola Virus Disease (EVD) outbreak. The CHWs will be tasked with community outreach, sensitization, contact tracing and surveillance of EVD and will be supported by a smartphone-based mobile platform to facilitate real-time data collection and tracking of patients. This information will feed into analytical dashboards to allow all management levels to follow the local response and target the response effort accordingly. As Guinea moves beyond the EVD epidemic this cadre will focus on strengthening primary health services and continue to be supported by the real-time information system.

JOB FUNCTION:

The mHealth Program Country Coordinator will be responsible for supervising all ICT functions that will be carried out to support a community-based project to address the current Ebola Virus Disease (EVD) outbreak.

DUTIES & RESPONSIBILITIES:	% TIME
1. Implementation & Scale Up of Real-time Informatics System <ul style="list-style-type: none">• Ensure secure, efficient flow of information from local site teams• Ensure reliable performance of all systems, including smart-phone based mobile platform and analytical dashboards, and assist in developing and improving upon reporting system as required• Ensure timely roll out of the project and achievement of national plan milestones• Assist in procurement of additional hardware (phones, solar chargers, etc) and data bundles for CHWs• Conduct training of trainers on CHW and local response team use of mHealth system and dashboards	35%
2. Supervise local mHealth site teams <ul style="list-style-type: none">• Provide supportive supervision of local mHealth supervisors• Conduct routine monitoring & evaluation including: review of reports from each local site team; and adjust, accelerate and improve project functionality and implementation based on real-time data	35%
3. Coordination of ICT efforts <ul style="list-style-type: none">• Coordinate discussions with implementing partners including cellular and internet service providers, local telecomm operators, mobile software developers• Work with National CHW coordinator to synthesize, summarize and disseminate real-time data from local response teams• Assist in integration of data with other partners' data on Ebola response to ensure streamlined information for local response teams• Liaise with project partners, including Government of Guinea, UNICEF-Guinea, and NY-based Earth Institute	30%

DURATION: 1 Year with possibility of extension, contingent upon performance and availability of funding

REPORTING: This position will report to the General Counsel at Millennium Promise and receive advisory programmatic and technical guidance by the Associate Director for Health Systems at the Earth Institute at Columbia University.

QUALIFICATIONS:

- Advanced technical degree in engineering, computer science, or related field
- 5+ years working experience
- Demonstrated ability to develop and implement web-based software solutions with minimal supervision
- Excellent computer administration skills
- Strong computer configuration and technical maintenance skills
- Preference of experience in mHealth, technology industry
- Preference of experience in program management
- Experience with community-based health a plus
- Experience with data analytic tools
- Ability to perform basic network wiring and setup preferred
- Ability to work remotely and regularly with NY-based headquarters
- Excellent writing, interpersonal, and communication skills in both French and English
- Must have excellent organizational skills, be self-motivated, be a team player and detail-oriented

If interested, please email Anne Liu (aliu@ei.columbia.edu) and Elizabeth Zehe (ezehe@ei.columbia.edu) with your resume and cover letter.