

EMPLOYMENT OPPORTUNITIES IN PUBLIC HEALTH



FHI 360 is an international non-governmental organization that, in Vietnam, promotes the health and well-being of the Vietnamese people, particularly vulnerable and marginalized populations. It works with the Vietnam Ministry of Health and other national bodies, as well as provincial and district-level health services to achieve project aims. FHI 360 is currently implementing programs to address HIV prevention, testing, and treatment, TB case finding and treatment, clinical research, anti-microbial resistance, health system strengthening, combatting trafficking in persons, non-communicable diseases, maternal and child health and nutrition, diagnostics and laboratory services.

We are currently seeking qualified and highly motivated candidate for the position of **Technical Director for Data Science and Analysis for the USAID Support to End Tuberculosis (TB) project**, based in **Hanoi**. Both international and local candidates are welcome to apply.

Position Description:

The Technical Director, Data Science and Analysis (DSA TD) will provide the overall technical direction and leadership for the project activities in the realm of implementation science, operational research, and artificial intelligence (machine learning and deep learning). S/he will support the Chief of Party in the planning, execution and monitoring of these activities to achieve the project priorities on statistical analysis of project data, artificial intelligence for chest X-ray interpretation, and operational research. The DSA TD will conceive and develop technically sound and innovative methods to answer questions that arise during project implementation using research, data analysis, or data science, and will join the project leadership in making strategic decisions. S/he will provide supportive supervision to a team of technical staff and engage with them to foster an environment that encourages solid technical performance, innovative thinking, and rapid translation of ideas into actions.

Key Responsibilities:

- Lead and ensure the quality of data analysis, implementation science, operational research, and artificial intelligence components of the project.
- Provide technical expertise to use artificial intelligence (AI) deep learning networks for chest X-ray interpretation for TB detection.
- Provide leadership to design and conduct research, including both qualitative and quantitative studies primarily focusing on tuberculosis. Will work closely with others to analyze and interpret results.
- Act as key liaison with strategic partners including the National Tuberculosis Program (NTP), Provincial Lung hospitals and provide technical support as needed
- Lead capacity-building to partners on the technical expertise on research, implementation science, data analysis, and data science/artificial intelligence.
- Lead processes to review and analyze global and local evidence to inform the establishment of country priorities for program and policy action
- Identify lessons learned from programs and collaborate with senior management to assure the responsible technical components are of high quality and improve processes and practices.
- Represent the project in meetings with the donor and partners (USAID, NTP, Ministry of Health, provincial health services, provincial lung hospitals, other INGOs, local NGOs, etc.) as well as in external conferences and consultations.

Qualifications and experience for the position:

- Master's degree or higher in medicine, public health, epidemiology or biostatistics, data science or computer science, mathematics other relevant areas
- At least 10 years of experience providing technical direction in research, implementation science, statistical analysis of data, artificial intelligence (machine learning or deep learning), and assessment for health programs.

- Knowledge and experience in developing health database systems
- Ability to analyze large datasets to extract project insights
- Management experience
- Ability to manage research projects, set realistic priorities, and plan for the successful and timely implementation of activities.
- Familiarity with USAID reporting requirements and indicators
- Proficiency in statistical analysis and analytic software, and database technologies
- Outstanding interpersonal and communication skills
- Excellent oral and written communication skills in English

FHI 360 offers competitive compensation and excellent benefits.

Interested candidates are invited to visit FHI 360's career page at <https://www.fhi360.org/careers> and apply the position ONLINE by **August 31, 2021**. Selection and interviews will be conducted on a rolling basis and candidates are encouraged to apply as soon as possible.

Only shortlisted candidates will be contacted for interviews