

Data Analyst- Diagnostic Network Design

Organization

FIND is an international non-profit organization based in Geneva, Switzerland, dedicated to R&D activities to expand and accelerate access to new diagnostic technologies, and to build global capacity for diagnostic testing for poverty-related diseases in low- and middle-income countries. FIND's vision is a world where diagnosis guides the way to health for all people. The FIND team is devoted to driving the development, clinical trialing, and early implementation of innovative diagnostic solutions that can have a high impact on patient care and disease control in low-resource settings.

Contract Period: This is a full-time position with an initial 12 months contract and possibility for extension.

Location: Location in South Africa or India preferred, but location in other countries will also be considered. This is not a FIND, Geneva based position.

Overall objective

FIND is working with development and implementing partners, national disease programs and industry to develop strategies that address diagnostics-related barriers to patients accessing treatment and care services. In many instances, diagnostics may be available but not currently used due to a variety of barriers including health system weaknesses, access challenges and/or insufficient relevant data to support use. Diagnostic network design that increases patient access to diagnostic services whilst also cost-effectively maximizing the use of available resources will assist national programs and donors to improve the efficiency of investments and service delivery.

As the Data Analyst you will be working in a team under the supervision of the Chief Access Officer.

Job description

The Data Analyst will work with the Access team and identified partners to implement diagnostics network optimization projects aimed at increasing access to diagnostic services as part of countries Universal Health Coverage strategies. The Data Analyst will be expected to organize and manage large and varied data sets, analyse health data to optimize access to diagnostic services and communicate their outputs through the use of data visualization and detailed reports.

The specific activities will include but not be limited to:

- Get trained and become proficient in the software and protocols used in modeling optimized diagnostic networks. The Data Analyst will be required to learn and independently utilize LLamasoft's supply chain software and open access tool under development. The Data Analyst will have to become proficient in the use of supply chain management software and building and analyzing country models for diagnostic network strengthening.
- Work with national disease programs and partners to define and identify relevant national data sources to support of the diagnostic network optimization project objectives.
- Collect and compile national data relevant to the diagnostic network optimization project objectives.
- Assess available data, identify data gaps and limitations, and proactively suggest and implement approaches to clean and integrate data. Suggest assumptions to fill identified data gaps along with justification for them.
- Identify, analyse, and interpret trends or patterns from the national data and share reports with relevant project stakeholders.
- Provide applied analytics support for decision making, including scenario modelling, cost-benefit analyses, and any other quantitative support required.
- Contribute to the development of the parameters for the open access diagnostic network optimization tool to be developed.
- Write and support the writing of publications and scientific presentations (incl. travel for presentations).
- Regularly update supervisor (Chief Access Officer) and other Access team members on the progress and difficulties experienced.

Requirements

FIND is looking for a highly motivated individual with outstanding qualitative and quantitative analytical abilities, and communication skills.

- Bachelor's degree in biostatistics, public health with a strong data element, computer science, information management, industrial engineering, operations research, data science and analytics, or related data-intensive field
- Minimum of 5 years relevant work experience in data management and/or data analytics
- Advanced problem solving, analytical, and quantitative skills, including significant experience working with Excel. Ability to select the right tool for analyses e.g. quick analyses using MS Excel, or more detailed analyses using statistical software such as R, SAS or STATA
- Ability to present insights in easily understood data visualizations using software such as Tableau, Qlikview, or PowerBI

- Previous experience analyzing national health systems data in low- and middle-income countries (LMICs) is an added advantage
- Ability to work without close supervision as well as to work under pressure and meet tight timelines on a result-oriented basis
- Willingness to expand knowledge base and take on new topics
- Work well in teams of multi-cultural backgrounds; effective communication
- Superior problem-solving skills
- Represent the FIND strategy and goal of being an honest, transparent broker in the global health field
- Interpersonal, written and verbal communication skills. Team oriented
- Fluent in written and spoken English
- Available for at least 30% travel

Added advantages

- Experience with database technologies such as SQL Server or MS Access would be an added advantage
- Ability to independently learn the use of various data management software would be an added advantage
- Knowledge of French language is an added advantage

To apply

Please send a motivation letter, a detailed CV and three references to hr-in@finddx.org

Application deadline: **19 April 2020**

(But don't wait until the deadline! We will start screening right away and if we find the right person, we will stop searching.)

Please note that only applicants meeting the profile requirements will be personally contacted. Applications sent by recruitment agencies will not be considered.