

## Senior Biostatistician

**Organization:** FIND is based in Geneva, Switzerland. We are a global non-profit organization driving innovation in the development and delivery of diagnostics to combat major diseases affecting the world's poorest populations. Our vision is a world where diagnosis guides the way to health for all people. With priorities aligned to those of the global public health community, we turn complex diagnostic challenges into simple solutions through unique partnerships with the public, private and non-profit sectors. Our work bridges Research and Development (R&D) to Access—we have deep technical and practical experience in needs assessments, development of fit-for-purpose products, evidence generation for regulators and policy makers through clinical trials and other studies, analysis of market dynamics, introduction of new products, capacity development to strengthen laboratory systems and manufacturing, and advocacy to expand access.

**Location:** Geneva, FIND headquarters

**Reporting to:** Head of Data Services and Biobanking (DSB)

### Your mission/Position objective:

The senior biostatistician is responsible for the design, analysis and reporting of clinical and research projects across all FIND's programmes. This includes the definition of endpoints, the design of trials (randomization strategy, sample size calculations), the definition of the statistical methodology and the writing of the statistical analysis plan (SAP), the analysis of the data and writing of the related sections of the trial report and of scientific publications. This is a position based in Geneva, Switzerland, with the possibility for remote working.

### Your responsibilities/Job description:

- Inform the design of clinical trials (design, sample size, analysis strategy)
- Write dedicated sections of trial protocols, trial reports and the SAP
- Perform high quality data analysis for multiple projects and disease programmes
- Interaction with FIND's scientific and technical leads and the clinical trials unit, to understand the needs, and proactively proposing solutions to improve the current processes related to statistical activities
- Interact with the data management team to define key features required for specific datasets and/or clinical trials (e.g. data capture, harmonization, cleaning)
- Adhere to FIND's quality management system and related SOPs, maintaining these up-to-date with industry standards
- Supervise the relationship and performance of related external service providers when relevant
- Represent FIND's data science team in external meetings for topics related to statistics (meetings with partners and donors, convenings, conferences, workshops) and in relevant publications

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- Propose innovation in the data methodology and practices in place in the data science and clinical teams (e.g. novel trials design)
- Communicate and interact effectively with colleagues in project teams with no background in statistics

**Qualifications:**

- University degree in statistics, biostatistics, or a related field, ideally a PhD in biostatistics
- At least 5 years experience as biostatistician, with focus on healthcare and clinical trials (planning, analysis and reporting of data), ideally in diagnostics
- Solid understanding of scientific and ethical principles and industry best practices in biomedical research analysis, experience with CDISC, ISO, GCP and GLP standards highly desirable
- Increased breadth or depth of statistical knowledge, such as working knowledge of complex methods, wider range of therapeutic areas, analysis methods for a broader range of study designs
- Excellent knowledge of R, Shiny and Rmarkdown, experience with machine learning techniques, Selenium, Python, pandas and SQL highly desirable
- Experience with good coding practices, development of R packages, Git and versioning, reproducible research
- Excellent data visualization skills, ability to understand customer's needs and translate them into a relevant output
- Proven experience in working on cloud-based environments, including the development of pipelines for data analysis
- Strong and proven interest in global health, particularly in infectious diseases
- Excellent scientific and technical writing skills in English, additional languages (French, Spanish) an asset

**Soft skills:**

- Flexible and able to multi-task; capable to set and adapt to priorities
- Able to work well in teams of multicultural backgrounds; effective communication at all levels
- Strong leadership qualities and interpersonal skills
- Disruptive creativity, ability to independently propose and drive innovative concepts
- Capable to work collaboratively without close supervision, as well as to work under pressure and meet tight timelines on a result-oriented basis

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**To apply**

Please send your application to [hr@finddx.org](mailto:hr@finddx.org) by **16 October 2021**

The application must include:

- a complete *curriculum vitae*
- a motivation letter
- **an acknowledgement letter, answering the following questions:**
  1. Have you ever been criminally convicted or subject to any criminal or administrative penalty by any competent authority? If yes, please specify.
  2. Have you ever been terminated or separated (e.g., contract termination, dismissal, non-renewal) or subject to any disciplinary measure or sanction by your employer for fraud, harassment, sexual harassment, sexual exploitation, or sexual abuse?
  3. Have you ever resigned while under investigation or during disciplinary proceedings?

**A confirmation of the following declaration of understanding:**

- I confirm the accuracy of the information provided, with the understanding that FIND will conduct reference checks to verify relevant information.
- I understand that if any false or misleading information is provided in my application, or any material fact suppressed, I may not be employed, or if I am employed, I may be dismissed.

Please note that due to high volume of applications, **ONLY** short-listed candidates will be contacted. FIND is dedicated to building an inclusive workforce where diversity is valued. FIND is an equal opportunity employer. Every qualified applicant will be considered for employment. FIND does not discriminate based on race, colour, religion, gender, sexual orientation, gender identity, genetic information, age, national origin, marital status, pregnancy, disability status, political ideology, military status, or any other attribute protected by applicable law.