Position Summary:

SomaLogic is a privately-owned biomedical science company that delivers precise and personalized health insights using its proprietary technology, which measures changes in thousands of different proteins in blood and other sample types.

We are seeking a highly motivated statistician or biostatistician to work with the Bioinformatics group at SomaLogic. Our primary goal is to identify patterns in our high dimensional proteomic data so that we can characterize a variety of different clinical health issues. We employ, develop, and use a wide range of statistical methods and machine learning/AI tools to understand how proteomics can predict different disease outcomes. In addition to our analytical work, we rely heavily on good communication skills, as we collaborate extensively with the SomaLogic clinical team, commercial team, regulatory team, and other external research groups.

This is an opportunity to work at the forefront of biomarker discovery as well as the development and use of new analytical methodology and tools.

Key Job Responsibilities:

- Use and develop statistical techniques for the analysis of high-dimensional data.
- Mentor and guide use of statistical methods to team members.
- Quantitative analyses of high dimensional proteomic data.
- Develop modular, shared, testable, and reusable statistical software tools and/or methods to perform complex data analyses and predictive modeling.
- Communicate and present project status and updates to all stakeholders on a regular basis.
- Keep abreast of new statistical methodologies in high-dimensional data analysis through literature review, workshops, and professional meetings.

Qualifications:

Education
Ph.D. in Statistics/Biostatistics, Epidemiology, or Bioinformatics. Position title commensurate with degree and experience.

Skills and experience
The ideal candidate likes to collaborate, mentor others, learn from others, and is generally curious. We are a group of individuals who genuinely enjoy our jobs and working with each other, so are looking for the right person to join our team.

Required
Experience performing both routine and complex statistical analyses for a wide variety of projects.

Solid background in theoretical and applied statistics, with extensive experience in mathematical derivation of statistical techniques.

Prior participation in study planning, including sample size calculations, informing best practices for data collection, and interpreting study designs.

Extensive experience writing reports/manuscripts and presenting findings on statistical modeling results to non-technical and clinical audiences.

Must be driven to work in a self-directed manner across team disciplines.

Preferred
Proficiency in R statistical programming language.

Previous experience with teaching statistical techniques to technical teams.

Previous leadership experience working within cross-functional teams to manage and communicate project milestones/goals.

Experience working with genomic or proteomic signals.

Experience working with data in a health science or clinical field.

Work Environment:
This position involves extended time at a computer, frequent informal meetings and discussions with project managers and other analysts, and frequent interactions with collaborators. Multiple hours per day of keyboarding time will be required.