Statistical Analyst

Location: Frederick, Maryland  
Industry: Consulting – Drugs/Biologics/Devices  
Term: Full time, Permanent  
Reports to: Associate Directors, Biostatistics

BioStat Solutions, Inc. (BSSI) is a statistical consulting corporation in service to the pharmaceutical, biotechnology and biodefense industries. BSSI’s key service areas include the development and implementation of analytical strategies for biomarker studies, biodefense countermeasure development, and medical device / (companion) diagnostic studies.

Job Objective:
Apply statistical methodology in accordance with project requirements and generate reports in support of BSSI’s key service areas

Details:
- Assist clients by providing statistical analysis in major therapeutic areas and diseases
- Collaborate with team members towards achieving clients’ objectives
- Conduct work in accordance with BSSI standard operating procedures (SOPs), BSSI QA/QC policies, client-specific requirements and applicable regulatory guidelines
- Create SAS and/or R programs to implement linear regression models, linear mixed models, generalized linear models, generalized linear mixed models, non-linear models, survival analysis, simulation studies (e.g. MCMC) and power/sample size estimation
- Responsible for implementing statistical methodologies as set forth in project requirements (e.g., Statistical Analysis Plan [SAP]) and ensuring methodologies are being implemented appropriately
- Generate tables, figures and listings (TFLs) for presentation and interpretation of results in accordance with project requirements
- Assist in development of documents or presentations as needed
- Validate statistical results with team members to ensure high quality deliverables
- Identify, interpret and communicate meaningful findings to key individuals (i.e. answer the “so what” questions)
- Participate in internal research and development activities as needed

Qualifications:
- M.S. in Statistics or Biostatistics
- Proficiency in SAS or R programming is required; Proficiency in both is preferred
- Statistical genetics and/or personalized medicine experience required
- Experience with sequencing (e.g. DNA-Seq, RNA-Seq) is preferred
- Proven ability to work independently and in a team environment
- Excellent analytical and problem-solving skills
- Excellent written and verbal communication skills
- Qualified candidates must be legally authorized to be employed in the US

BioStat Solutions, Inc. is a voluntary Equal Opportunity Employer

Please apply to hr@biostatsolutions.com  
www.biostatsolutions.com