Principal Statistical Programmer - Medical Affairs

Vertex Pharmaceuticals - Greater Boston Area

Posted 13 days ago
Other Details

About this job

Job description

The Principal Statistical Programmer works with Clinical Development, Biostatistics, Medical Affairs, Health Economics and Outcomes Research and with external vendors if applicable to support activities in the planning, design, development, implementation, and management of data to fulfill reports and summarize information required in support of ad hoc requests in post-marketing clinical trials, investigations, and assessments of claims databases, including health economics and outcomes research projects, for Vertex Pharmaceuticals products. The Principal Statistical Programmer also supports internal and external requests for input into relevant documentation and materials, such as manuscripts, conference posters, and presentations.

Key Responsibilities:

- Provides expert support and direction regarding statistical programming design to ensure timely, targeted, and accurate reporting and outcomes from assigned projects and ad hoc requests.

- Provides timely, accurate, and adequate responses and inputs for internal and external questions, medical affairs documentation, and materials.

- Develops, manages, and maintains analysis data and reporting deliverables for assigned Vertex Pharmaceutical products.

- Effectively represents the Biometrics department, as assigned, on cross-functional projects or study teams, and also helps to on-board new team members, as appropriate, and completes special projects as assigned.

- Works with biostatisticians, develops or reviews programming specifications for the ad hoc request.

- Knowledge of statistical concepts, such as p-values, rates and proportions, frequencies, confidence intervals, survival analysis, non-parametric analysis, repeated measures analysis. Capable of implementing these ideas in clear, efficient SAS code for the purpose of data analysis and reporting.

- Familiarity with relevant operating systems (e.g., Windows).

- Solid understanding of data collection and database concepts including data collection processes in clinical trials.

- Proficiency in problem solving, along with debugging skills to resolve issues with other programmers' or vendors' code and/or system macro code, is highly desirable.

- Experience with pharmaceutical industry data standards, such as CDISC/SDTM and ADaM data models.

- Basic knowledge of FDA/ICH (International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use) guidelines, the software development lifecycle and 21 CRF Part 11 and other FDA regulations.

- Additionally, experience working with data from electronic medical records (EMRs), registry databases, external insurance claims databases (i3, GE, etc.) for health outcomes research as well as epidemiology background or experience would be pluses.

- Proven SAS statistical programming experience in a pharmaceutical or CRO setting

- Supports statistical programming activities for Medical Affairs and health Economics and Outcomes Research

- Responsible for accuracy and reliability of results. Builds and monitors quality in every aspect of job activities

- Adapts to changing circumstances, policies, work assignments, and/or team members and develops strategies that will allow consistency or continuity of subsequent tasks (e.g., multiple studies or registries)

- Contributes strategies that allow multi-tasking or efficient implementation to reduce execution time to meet deadlines in fast-paced environment

- Development and maintenance of tracking systems, folder systems and archival of analysis

- Supports tasks based on the importance of the deliverable and awareness of overall timelines in order to efficiently produce high quality deliverables

- Proactively addresses project uncertainties to minimize risk and alerts or escalates the issue to the appropriate person (project team member, lead biostatistician, or management); identifies, communicates and overcomes technical and interpersonal obstacles

Desired Skills and Experience

Minimum Qualifications:

- B.S. and 10+ years of statistical programming work experience in Biotech, Pharmaceutical or Clinical Research Organizations

- M.S. and 8+ years of statistical programming work experience in Biotech, Pharmaceutical or Clinical Research Organizations.

Preferred Qualifications:

- Good interpersonal and negotiation skills, to complete deliverables by working effectively with others internally and externally; willingness to partner and collaborate with others in team or inter-functional settings.

- Good verbal and written communication skills along with effective business presentation skills.

- Sound project management skills, to prioritize multiple tasks and goals to ensure the timely, on-target and within-budget accomplishment of deliverables.

- Good judgment and decision-making skills; knows how to make trade-off decisions while balancing ethics and effectiveness.

- Outstanding attention to detail to ensure accuracy and reliability of results; builds and monitors quality in every work activity.

About this company

Follow company

Vertex creates new possibilities in medicine. Our team discovers, develops and commercializes innovative therapies so people with serious diseases can lead better lives. Vertex scientists and our collaborators are working on new medicines to cure or significantly advance the treatment of hepatitis C, cystic fibrosis, rheumatoid arthritis and other life-threatening diseases. Founded more than 20 years ago in Cambridge, Mass., we now have ongoing worldwide research programs and sites in the United States, United Kingdom and Canada. Vertex has consistently been recognized as one of the industry's top workplaces by leading publications such as Science magazine, The Boston Globe, Boston Business Journal, San Diego Business Journal and The Scientist. For more information and to view Vertex's press releases, please visit www.vrtx.com.

Vertex is committed to equal employment opportunity and non-discrimination for all employees and qualified applicants without regard to a person's race, color, gender, age, religion, national origin, ancestry, disability, veteran status, genetic information, sexual orientation or any characteristic protected under applicable law. Vertex will make reasonable accommodations for qualified individuals with known disabilities, in accordance with applicable law.

Recent Updates

- **Vertex Pharmaceuticals** is hiring: Director, Global Medical Affairs, Canada
  - Careers at Vertex Pharmaceuticals
  - See more jobs

Other jobs at Vertex Pharmaceuticals

- Clinical Project Manager

  Greater Boston Area

- Associate Director, Global Health Economics &…

  Greater Boston Area

- Associate Director, Biostatistics - Phase IV

  Greater Boston Area

View more jobs at Vertex Pharmaceuticals

Similar jobs

- Alnylam

  Senior Statistical Programmer, Biometrics

  Greater Boston Area

  Posted 6 days ago

- VERISTAT

  Statistical Programmer

Greater Boston Area

Posted 25 days ago

- 

  Manager Statistical Programming

  Greater Boston Area

  Posted 7 days ago

- 

  Associate Director, Global Health Economics &…

  Greater Boston Area

  Posted 13 days ago

- 

  Senior Statistical Programmer, Level - II

  Greater Boston Area

  Posted 21 days ago

- Boston Scientific

  Senior Statistical Programmer/Analyst Job

  Greater Boston Area

  Posted 5 hours ago

- 

  Vice President - Medical Affairs

  Greater Boston Area

  Posted 19 days ago

- 

  Manager of SAS Programming

  Greater Boston Area

  Posted 3 days ago

- 

  Principal SAS Programmer (Remote/Home-Based)

  Greater Boston Area

  Posted 12 days ago

- 

  Medical Affairs Lead for Rebif

  Greater Boston Area

  Posted 25 days ago

View all jobs like this