JOB DESCRIPTION

Job Title: Biostatistician in the Center of Preventive Ophthalmology and Biostatistics, Department of Ophthalmology, Perelman School of Medicine, University of Pennsylvania.

Job Duties:
- Conduct appropriate statistical analysis under the supervision of senior biostatisticians. Applications in multicenter clinical trials/studies, medical claim or EHR data, as well as single center/laboratory projects in ophthalmic research.
- Design, test, implement & document statistical computer programming in high level statistical software packages (SAS, R).
- Develop short term project-specific biostatistics design and analysis plans under the supervision of senior biostatisticians.
- Develop, document, and maintain analytic data files.
- Write summary reports and create graphs for manuscripts and proposals.
- Write and edit statistical methods sections of manuscripts.
- Develop working knowledge of methodologic issues in ophthalmic research.

Degree Required for Job: Master’s degree in Biostatistics or statistics.

Years of Experience Required: 3 years of experience or equivalent combination of education and experience is required.

Special Job Requirements:
- Experience in the analysis of biomedical data.
- Very good verbal and written communication skills.
- High level of self-motivation and initiative.
- Excellent interpersonal skills.
- Ability to manage time and willingness to work with changing deadlines; ability to prioritize work.
- Familiar with the REDCap database.
- Experience using computing software:
  - Operating systems: Microsoft Windows.
  - Statistical software: SAS essential, R and/or Stata desirable.
  - Other applications: data management systems, and word processing tools (all components of Microsoft Office Professional or software packages with similar functionality).

If you have any question, please contact Gui-shuang Ying, PhD, Carolyn F. Jones Professor of Ophthalmology at gsying@pennmedicine.upenn.edu.