Applicants may apply to Req. 2018-3240 at jobsatrush.com or inquire by email to Anna Alecci, Research Administrator (anna_t_alecci@rush.edu).

Job Description:

The incumbent will perform statistical analyses at the direction of faculty members and write reports summarizing those results. Participate in meetings with investigators and may supervise the work of residents, students and lower level staff. Collaborate with Biostatistics Core and Department of Epidemiology. Develop and document computer programs that summarize, describe and analyze data in the biomedical and social sciences. Most of these programs will be written in R or SAS programming languages and executed on a PC. Write and run programs to provide descriptive summaries of database files, including frequencies, lists and plots; examine data to identify potential data inconsistencies. Develop, run and maintain programs to perform statistical analyses of biomedical data. Types of data to be analyzed include categorical, longitudinal and censored failure-time data. Statistical methods employed will include survival analyses, generalized linear modeling, nonparametric methods and graphical analyses. Document all datasets, programs and program output clearly to facilitate their interpretation and general use by other data management staff and research investigators. Participate in meetings with research investigators and staff to ensure project clarity.

Requirements:

Master's degree in biostatistics or statistics

Three to five years of experience working as a statistician, preferably in a biological sciences or healthcare environment.

Familiarity with linear and logistic regression, longitudinal analysis and survival analysis methods required.

Previous experience with analysis of biomedical or social science data is desirable.

Strong analytical skills.

Proficiency in R and/or SAS programming and the use of Microsoft Office (Word, Excel, Access, Power Point).

Good communication skills and careful attention to detail.