Research Data Analyst (Contract Position)

The National Study of Planned Giving Donors’ Motivations and Experiences, based at Seattle University, is looking for an applied statistician to analyze social science survey data and produce data visualizations. The ideal candidate will have experience with social science research, survey design and analysis, and strong collaborative and communication skills. The position will report to the principal investigator, Dr. Elizabeth Dale, assistant professor, nonprofit leadership.

This is a grant-funded, independent contractor position requiring availability from October 2018 through June 2019, with a concentrated period of work from February through April, 2019. All job duties can be performed remotely, although the position requires attendance at monthly virtual meetings. Diverse candidates are encouraged to apply.

Responsibilities

In this position, you will work on a small team to:

• Participate in research design, including collaborate and review survey instrument
• Extract and clean data sets
• Conduct advanced statistical analysis of survey data, including linear models and multivariate statistics. Present the data to the research team and make additional analyses or adjustments after review of the results
• Present statistical models and empirical results findings to the investigative team in a clear manner
• Prepare narrative language to explain findings to both lay and academic audiences; potential to be an author on manuscripts, though not required
• Collaborate with investigative team in the production of high-quality research findings about charitable giving behaviors

Requirements:

• Master’s degree or above in statistics, applied mathematics, data science, economics or a related field
• Minimum of 2 years prior experience in research design, predictive modeling, analytics and/or data mining
• Knowledge of quantitative methods of social science data analysis and understanding of assumptions underlying different methodologies
• Experience with data visualization
• Excellent communication skills
• Ability to collaborate effectively as member of a small team
• Ability to work independently
• Experience with statistical software (preferably STATA) or programming in R, SAS or a similar program

The contractor will be paid $6,000 - $7,000 dependent on experience. To apply, please send a cover letter and CV/resumé to Suzanne Walker, Project Manager, at walkers@seattleu.edu.