Research Assistant Job Description

We are seeking a Research Assistant (RA) for an NSF-funded project titled, “A Digital Nudge: Assessing the Impact of an Immutable Records Data Management Platform on Student Researcher Ethics.” The objective of this project is to study and evaluate the potential of a data management platform with immutable research records to improve the ethics surrounding scientific research cultures and norms in university laboratory settings. Understanding how the management of immutable research records impacts the performance of STEM student researchers is a crucial determinant to the success of the innovation challenge. The qualified candidate will be expected to be on the project for a period of three years starting January 1, 2022.

Duties and Responsibilities

● Assist in recruiting research labs for participation in the study, training of student researchers on the tool, and monitoring research sites for progress in completing the study.
● Assist in developing the survey instruments to deploy in the collection of data before, during and after the deployment of the digital nudge intervention, as well as gaining IRB approval for human subjects’ research.
● Conduct data analysis using specific statistical methods on survey data due to the digital nudge intervention.
● Writing reports to summarize data and the implications of the results.

Skills and Qualifications

● Current Ph.D. or MS degree student at GW
● Analytical and problem-solving skills including ability to program in R or Python
● Significant knowledge in human subject research particularly in qualitative and quantitative data analysis
● Ability to support report writing based on the analyzed data
● Cross-disciplinary knowledge on research projects in research labs in the sciences and engineering

Remuneration

● Tuition support per year for 6 credit hours ($12,000+)
● Stipend for 3 months at $2,500 per month

Application

Please email Dr. Shittu (eshittu@email.gwu.edu) with your application, including: (a) cover letter, (b) resume, (c) any additional information that may assist in assessing your qualifications for the position (such as, writing samples, coding projects, data analysis experience, etc.). Applications are due by November 23rd, 2021.