A student research assistant - College of Nursing Microbiome Lab

Description
Part-time – $15.00/ hour
20hour /per week

Two part-time student research assistant positions are available in the laboratory of Drs. Ji Youn Yoo and Katie Morgan within the College of Nursing. This position is funded by the college for one to two years, and continued employment contingent upon funding. The lab is working on the human microbiome and health outcomes. The researcher will assist in the human microbiome projects. A qualified candidate must be able to assist in performing PCR, DNA, RNA, and protein isolation and other tasks as needed. A qualified candidate must have experience with data analyzing software such as SPSS, R, or other data analysis software).

Requirements
Academic and/or work experience related to the field of research
Previous experience working in microbiology, molecular and cellular biology research lab
Experience with specialized software or datasets

The student research assistant is responsible for conducting web lab experiments, literature searches, data management, recruiting participants, obtaining consent, maintaining files, scheduling and conducting interviews, maintaining data collection files, assisting with data analysis, and generating correspondence, reports, and graphics. The student research assistant will demonstrate communication, accountability, flexibility/adaptability, judgment/problem solving, customer service, and core values while fulfilling job duties.

While a student research assistant is expected to contribute in many ways to the research project, typical responsibilities include the following:

- Conduct biology lab experiments (ex; DNA, RNA, Protein extraction and PCR, ELISA)
- Conduct literature reviews
- Collect and analyze data
- Prepare materials for submission to granting agencies and foundations
- Prepare interview questions
- Recruit and/or interview subjects
- Maintain accurate records of interviews, safeguarding the confidentiality of subjects, as necessary
- Provide ready access to all experimental data for the faculty researcher and/or supervisor
- Manage and respond to project-related email
- The supervisor may assign other duties and responsibilities.

Additional Information

- Interested candidates should email resume and contact information for three references to jyoo14@utk.edu. Review of applications will begin immediately and continue until the position is filled