

Lab Technician
Duke Kunshan University
Job Description

Position Overview:

Under the direction of Prof. Junfeng (Jim) Zhang, the Exposure Biology and Chemistry Laboratory at Duke Kunshan University has been established to develop novel biomarkers of environmental exposure and health effect, and to apply these biomarkers in human health effects studies. The laboratory is currently seeking to fill in a Lab Technician position. This staff position is needed to support the research projects of Dr. Jim Zhang at Duke Kunshan, mainly in performing sample analyses using advanced analytical chemistry instrumentation and molecular biology techniques.

Reports to:

Junfeng (Jim) Zhang, PhD, Director of Exposure Biology and Chemistry Laboratory

Essential Duties:

- Assist in the development of standard operating procedures (SOP) for sample analysis;
- Perform sample analysis;
- Assist in sample collection in the research field;
- Assist with the development of research protocols;
- Coordinate multiple research projects;
- Other tasks as assigned;
- University employees' job responsibilities will continue to expand in scope and depth as the university grow in size and complexity in its programs.

Required Qualifications:

- A Master's degree in analytical chemistry, environmental chemistry or related field or a Bachelor's degree with at least three years of relevant experience;
- Familiarity with HPLC-mass spectrometry is highly preferred;
- Demonstrated ability of multitasking and team working experience;
- Skills of effective communications in Chinese and English.