

Virology Technician
Global Health Research Center
Duke Kunshan University
Job Description

Position Overview:

Duke Kunshan University (DKU) located in Kunshan, China seeks to hire one full-time Virology Technician to conduct virological work in the beautiful new DKU One Health Research Laboratory in Kunshan, China. This laboratory works with a network of laboratories conducting important infectious disease research projects. The network consists of 30 professionals running ~30 projects in 11 countries conducting applied infectious disease epidemiological studies often at the human-animal interface. The team is noted for its many important research publications and the high advancement rates of its research trainees. See: <https://sites.globalhealth.duke.edu/dukeonehealth/>

Duke Kunshan University is a partnership of Duke University, Wuhan University and the Municipality of Kunshan, China. The DKU campus is located 37 miles west of Shanghai in Kunshan, which is connected to Shanghai via a 15-minute high-speed train. In addition to a global health and other research centers, DKU offers several graduate degrees and undergraduate programs. For more info, visit <http://www.dku.edu.cn>

Reports to:

The Virology Technician will report to Professor Gregory Gray.

Essential Duties:

Under the supervision of Professor Gregory Gray, the research assistant will

- Adapt standard operating procedures and laboratory assays for various research projects.
- Conduct laboratory analyses according to standard operating procedures.
- Enter laboratory data.
- Communicate laboratory results with collaborating researchers.
- Draft research reports, presentations, news articles, and manuscripts.
- Conduct descriptive and analytic assessments of the research conducted at DKU.
- Prepare documents and win necessary human and animal ethics approvals for such research projects.
- Periodically help Professor Gray train and mentor DKU students and other trainees in using the

laboratory equipment and conducting research.

- Contribute to capacity building (training) activities within and outside of the Global Health Research Center.
- Other research-related tasks required by Professor Gregory Gray or his designees.
- The university employees' job responsibilities will continue to expand in scope and depth as the university grows in size and complexity in its programs.

Required Qualifications:

Candidates for the position should:

- Be proficient in both English and Mandarin Chinese.
- Have at least 3 years of experience working with cell lines and viruses.
- Have at least 3 years of experience performing conventional and real-time molecular assays.
- An understanding of the genetic sequencing of pathogens and sequence alignments.
- Have at least a bachelor's degree in microbiology, virology, biology, or a related field.
- Have strong interests and experiences in conducting epidemiological studies of infectious diseases.
- Be a team player and be able to pay close attention to detail.
- Thrive working in a multidisciplinary environment.

How to Apply:

Please submit the English Resume and Cover Letter with the subject line of "Virology Technician Application" to DKUrecruitment@dukekunshan.edu.cn and gregory.gray@duke.edu.