

Title: Laboratory Manager or Senior Technician in Bacterial and Viral Genomics, Azarian Lab

School: University of Central Florida

Department: Burnett School of Biomedical Sciences

Position Description: Recognized as a leader in biomedical research in Central Florida, the Azarian Laboratory at the Burnett School of Biomedical Sciences, University of Central Florida is seeking an exceptional and creative individual to serve as laboratory manager or senior technician in the lab of Dr. Taj Azarian. Responsibilities include performing next-generation sequencing and other molecular biology techniques, ordering and managing inventory, project management, tracking deliverables for funded projects, developing study protocols for IRBs, administrative tasks, and mentoring graduate students and facilitating their research. Current projects involve the application of next generation sequencing technologies for the analysis of bacterial and viral pathogens including SARS-CoV-2.

The successful candidate will be independent and motivated with a track record of laboratory and/or project management. Strong laboratory skills are required, especially related to skills for library preparation for next-generation sequencing. Experience with sequencing on the Illumina and/or Nanopore platforms is highly desirable. Strong written and oral communication skills, knowledge or experience in human subjects' research, and an understanding of extramural funding are advantageous. The lab manager will work closely with Dr. Azarian and staff in the multidisciplinary research team where they will have the opportunity for professional development through interaction with other scientists applying bioinformatic, epidemiological, and epidemic modeling approaches to viral and bacterial pathogens. The position is available immediately.

Basic Qualification: Applicants must have a masters or PhD degree in biomedical sciences, ecology/biology, public health, or a related field. Candidates should have a strong lab work background, exceptional organizational skills, excellent written and oral communication skills, and ability to work independently and with collaborators.

Additional Qualification: Nucleic acid extraction and quality assessment, next generation sequencing library preparation, general microbiology, molecular biology including RT-qPCR, human subjects research training, responsible conduct in research training, healthcare experience, IRB study protocol development, grant writing.

Contact Information: To apply, please send a research statement, CV, and contact information for three references by email to: taj.azarian@ucf.edu. Applications will be considered as they arrive.

Contact Email: taj.azarian@ucf.edu

Number of References required: 3

Applicant Documents:

1. Cover Letter
2. Curriculum Vitae
3. Contact information for Three References