Job Title:
Research Technician

Job Location:
Chicago, IL 60611, USA

Job Description:
This Research Technician position is in the Bachta laboratory at Northwestern University’s Feinberg School of Medicine located in downtown Chicago. The focus of the Bachta laboratory is two-fold: 1) to understand the impact of bacterial pathogens on the human host by tracking infection dynamics and 2) to understand the mechanisms underlying the alarming rise of antimicrobial resistance in bacterial pathogens. Towards these goals, the laboratory utilizes a variety of approaches including animal and cell culture models, molecular biology, antimicrobial resistance testing, and genome sequencing. The successful candidate will have the opportunity to contribute to ongoing clinically-relevant research in the laboratory that addresses host barriers that control bacterial infection and discovery of novel mechanisms of antimicrobial resistance. This position will provide a strong foundation for individuals contemplating continued training in medical or graduate school.

The successful candidate will perform experiments to support research in the laboratory including bacterial infection of animals and cells, isolation of nucleic acids and proteins, PCR, immunoblotting, bacterial whole genome sequencing, generation of bacterial mutants, and antimicrobial resistance testing. Additionally, the candidate will be asked to record and interpret results, organize data, and prepare short reports to be discussed with the Principal Investigator. Finally, the technician will spend a portion of their time performing basic laboratory maintenance tasks including cataloging and organizing laboratory reagents, inventorying and ordering laboratory supplies, preparing chemical solutions for laboratory use, and performing routine maintenance of laboratory equipment. It is anticipated that successful projects in which the technician participates will lead to authorship on scientific manuscripts.

Required Qualifications:
- Bachelor’s degree in a biological science and bench research experience
- Strong interpersonal skills including both verbal and written communication skills
- Reliability and organization
- To be successful in this position, the technician must have scientific curiosity, a high level of self-motivation, the ability to take instruction and correction, the ability to follow directions and follow through on tasks, exceptional organizational skills, and the ability to work and think independently.
- Desire to dedicate at least two years to work in the Bachta Lab

Interested applicants should apply via the Northwestern Human Resources Careers website which can be accessed by going to https://www.northwestern.edu/hr/careers/ and searching for Job ID: 40932. This position is available for a successful candidate to start as early as June 2021. Northwestern’s Feinberg School of Medicine is an equal opportunity employer. We do not discriminate on the basis of race, color, gender, gender identity, sexual orientation, age, religion, national or ethnic origin, disability, or protected veteran status. The Bachta lab is committed to maintaining a safe, open, and diverse laboratory environment and underrepresented groups are strongly encouraged to apply.