



NEW YORK UNIVERSITY

Research Technician Position in Bacterial Systems Biology

The newly opened Rojas Lab in the Department of Biology and the Center for Genomics and Systems Biology at New York University is hiring a research technician, beginning Fall 2018.

About the Lab

The lab investigates i) the feedback systems that control bacterial growth and ii) the adaptations that allow bacteria to survive in diverse environments. We focus on understanding how cells incorporate physical signals, such as mechanical forces and electric fields, into the biochemical systems that regulate these processes. To address these questions, we combine classical approaches from microbiology and biochemistry with novel biophysical assays, microfluidic technology, a variety of state-of-the-art microscopy techniques, mathematical theory, and computational modeling. Please see rojaslab.com for more information.

About the Position

I'm looking to hire a recent college or Master's graduate who is excited to gain research experience before applying to a Ph.D. program. The individual will spearhead independent research and communicate this research at conferences and through publications.

The ideal applicant would have experience or training in one or more of the following: molecular microbiology, biochemistry, microscopy, computer programming, or mathematical/physics theory. As the biosciences become increasingly quantitative and computational, this is an ideal opportunity for a biology student who is interested in gaining expertise in computational and physical biology, or for a physics/engineering student interested in gaining expertise in molecular biology and microbiology.

The commitment would be for 2 years, during which the goal is to publish at least 1 first-author and thereby create a strong application for graduate school.

To Apply

I'd love to hear from you. If you're interested in learning more about the position or about specific projects, please look over recent publications at rojaslab.com/publications and then email me (Rico) at rojas@nyu.edu. Please also include a CV and a short description of your background and interests in science.