

Marcos de Moraes, Ph.D., Assistant Professor

Institutional Affiliation: Biosciences Department, Rice University, Houston, TX

Email Address: demoraes@rice.edu

Research Interests: Bacteria-to-bacteria interactions, bacterial toxins, genome editing

Strengths or unique resources:

We investigate the effect of bacterial toxins on the physiology and dynamics of microbial communities and their synthetic biology applications. Our group employs an interdisciplinary approach to answer exciting biological questions. We combine functional genomics, in silico protein function prediction, and biochemical characterization to identify the biochemical activity of novel bacterial toxins. We also test novel genome editing tools based on bacterial toxins using high-throughput methods.

We offer postdoctoral fellows the opportunity to improve their scientific writing and communication abilities through conference presentations, drafting manuscripts, and contributing to grant proposals. Postdoctoral fellows are also provided opportunities and guidance to develop their mentorship abilities.

Other information you think is important for job seekers to know:

Currently we are searching for postdoctoral fellows to join our group next Fall or Spring. Candidates with proven experience in biochemistry and/or analysis of genomic data will be given priority.

Link to publication list: <https://scholar.google.com/citations?user=kWFEIPgAAAAJ&hl=en>

Link to your website: <https://demoraeslab.org>

Social media links/handles, etc.: twitter: @mhdmoraes