Department of Microbiology and Molecular Genetics
Michigan State University

Research Associate

Position Summary
A Research Associate (Post-Doc) position is available in the laboratory of Dr. Sean Crosson in the Department of Microbiology and Molecular Genetics at Michigan State University. We seek an excellent post-doctoral associate to conduct research to understand molecular mechanisms of bacterial signal transduction and stress responses. Strong skills in genetics, molecular biology, biochemistry, and microscopy is expected. The successful applicant will be independent, motivated, and able to work as part of a collaborative team. She/he will have proven skills in microbiology and molecular laboratory techniques, as well as strong writing and communication skills. Experience in studying how signaling processes influence gene expression and microbial adaptation to the environment will be viewed favorably. Applicants should hold a PhD in a field related to microbial sciences, genetics, biochemistry, or bioinformatics/genomics. The successful applicant will have the opportunity to interact with a wide range of researchers in microbiology, biochemistry, and evolutionary biology.

This is a full-time, 12-month fixed-term position with reappointment contingent on satisfactory performance and available funding.

Equal Employment Opportunity Statement
All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, citizenship, disability or protected veteran status.

Minimum Requirements
Applicants should have a Ph.D., D.V.M., or M.D., or equivalent advanced degree(s) in microbiology, genetics, biochemistry, or related field.

Desired Qualifications
The successful applicant will have demonstrated skills in molecular genetic and biochemical analysis of bacteria. Skills desired include: strong writing and communication skills; standard microbiology and/or molecular laboratory skills or past related experience. A record of scientific publication in peer-reviewed journals is expected. The successful applicant will be independent, motivated, and able to work as part of a collaborative team.

Required Application Materials
Interested applicants should submit a cover letter, a current CV, and contact information for three references to http://careers.msu.edu posting # 698067.

Summary of Health Risks
Health risks associated with this position may include exposure to human blood, serum, tissue and other body fluids; and materials covered under Universal Precautions.

Website
https://mmg.natsci.msu.edu/

MSU Statement
Michigan State University has been advancing the common good with uncommon will for more than 160 years. One of the top research universities in the world, MSU pushes the boundaries of
discovery and forges enduring partnerships to solve the most pressing global challenges while providing life-changing opportunities to a diverse and inclusive academic community through more than 200 programs of study in 17 degree-granting colleges.