

MS ASSISTANTSHIP in the Biology Department at Western Kentucky University, Bowling Green, Kentucky, USA.

I am seeking a motivated, qualified individual with prior experience in the fields of Microbiology, Cell and Molecular Biology to conduct independent research towards the completion of a Master's of Science Degree while acting as a graduate teaching assistant for an undergraduate biology course. Prior experience could include independent undergraduate research or undergraduate coursework in the microbiology, cell and molecular biology lab techniques.

The successful candidate will conduct research in the area of microbiology, specifically in the field of bacterial pathogenesis, to understand the molecular mechanisms involved during infection, by *Legionella pneumophila*. Desirable skills include experience with basic microbiology laboratory techniques such as biosafety, aseptic techniques, bacterial culture, and microscopy.

A B.S. degree in biology, or closely related discipline is required. Additional requirements include: competitive GRE scores and undergraduate GPA, prior independent research experience, demonstrated excellence in course work, excellent written and oral communication skills, and ability to work independently and as a team member.

The successful applicant will receive two years of TA stipend, a tuition waiver, and contributions towards health insurance benefits.

For additional details about this position please contact Dr. Simran Banga;: [simran.banga@wku.edu](mailto:simran.banga@wku.edu)

To apply, please submit a letter of interest, CV, unofficial transcripts and GRE scores, and contact information for three references to [simran.banga@wku.edu](mailto:simran.banga@wku.edu). Formal application and acceptance to the M.S program at Western Kentucky University is required.

Review of applications will begin immediately, and will continue until a suitable applicant is selected.