

Advertisement:**Graduate Student Opportunity in Systems Biology of Host-Pathogen Interactions**

Applications are invited for an MSc/PhD graduate student position in the 'Systems Biology of Host-Pathogen Interactions' research group led by Dr. Jennifer Geddes-McAlister. This dynamic research program leverages the power of quantitative proteomics using state-of-the-art mass spectrometry to define novel fungal virulence factors, elucidate their mechanisms of interaction within the host, and develop innovative proteomic workflows to investigate host-pathogen interactions in diverse infectious disease settings.

Highly motivated, independent, and enthusiastic students interested in mass spectrometry-based proteomics, fungal pathogenesis, microbiology, and immunology are encouraged to apply. Applicants should have experience working with microbial and immunological cell culture (experience with fungal pathogens and BioSafety Level 2 microorganisms is considered an asset). In addition, an understanding of quantitative proteomic techniques, mass spectrometry instrumentation, and computational proteomics is desirable. Moreover, applicants should possess a keen interest to investigate host-pathogen interactions and develop novel proteomic workflows for diverse applications.

To learn more about this opportunity and the application process, contact: Dr. Jennifer Geddes-McAlister (jgeddesm@uoguelph.ca)