



COLLEGE of BIOLOGICAL SCIENCE

DEPARTMENT OF MOLECULAR
AND CELLULAR BIOLOGY

Recruitment: PhD Student in Geddes-McAlister Lab

The laboratory of Dr. Jennifer Geddes-McAlister at the University of Guelph in the Department of Molecular and Cellular Biology is recruiting a PhD Student to join an ongoing project entitled: Mycotoxin degradation of Fusarium head blight in wheat. This work is supported by the Ontario Ministry of Agriculture and Rural Affairs, Grain Farmers of Ontario, and SeCan. The incoming student will join the dynamic and collaborative research program of Dr. Geddes-McAlister, which is dedicated to overcoming fungal disease using a One Health approach.

For more information: <https://www.uoguelph.ca/mcb/people/dr-jennifer-geddes-mcalister>

Minimum qualifications:

- An M.Sc. degree in a related field (e.g., microbiology, biochemistry, plant agriculture) is preferred. Direct entry from a B.Sc. will also be considered.

The successful candidate will have experience in:

- PCR
- Gel electrophoresis
- Cloning
- Transformations
- Microbiology techniques (e.g., culturing, dilution series, plating)
- Greenhouse growth and harvesting
- Biochemical assays (e.g., in vitro degradation)

To apply, please send a cover letter, CV, unofficial transcripts, and the contact information of three references to Dr. Jennifer Geddes-McAlister (jgeddesm@uoguelph.ca). Applicants will be notified prior to contacting the references.

Applications will be reviewed on a rolling basis with an anticipated start date of Sept. 2022 or Jan. 2023. The successful candidate will be supported for scholarship and award applications (e.g., NSERC, OMAFRA), and for applying to the [NSERC CREATE: EvoFunPath](#) research and training program.

The University of Guelph resides on the ancestral lands of the Attawandaron people and the treaty lands and territory of the Mississaugas of the Credit. We offer our respect to our Anishinaabe, Haudenosaunee and Métis neighbours as we strive to strengthen our relationships with them.

At the University of Guelph and in the Geddes-McAlister Lab, fostering a culture of equity, diversity, and inclusion is an imperative. We invite and encourage applications from all qualified individuals, including from groups that are traditionally underrepresented in higher education.