MSc Position in Bacteriology/Molecular Epidemiology of Antimicrobial Resistance

A MSc student position is available in the laboratory of Dr. Patrick Boerlin (pboerlin@uoguelph.ca), Department of Pathobiology, Ontario Veterinary College, University of Guelph. The research project will assess and compare the distribution of antimicrobial resistance determinants and associated genetic elements in pathogenic and commensal *E. coli* and other *Enterobacteriaceae* from turkey in Canada. Techniques will include bacterial cultures/identification, PCRs, cloning, plasmid characterization and DNA sequencing. The project will also include collaboration with a diagnostic laboratory and federal government laboratories. Since the project will make use of a variety of molecular techniques, previous training and experience in bacteriology and molecular biology will be considered an asset for the position.

Selection of the successful candidate is based on a combination of academic criteria, relevant interest and experience, referees’ evaluations, and an assessment of the candidate’s career goals and motivation. The starting date is September 4th 2017. The deadline for applications is July 14th 2017, or until a suitable applicant is identified. The selection process will begin immediately, and continue until the position is filled.

It is advisable to contact Dr. Patrick Boerlin for more detail information and specific questions on the project before applying.

Information on how to apply is available at: https://www.uoguelph.ca/graduatesudies/apply. Further information and detailed instructions for application are available from the graduate program assistant, Ms. Donna Kangas Department of Pathobiology, Ontario Veterinary College, University of Guelph, Guelph, Ontario, Canada N1G 2W1; email pathgrad@uoguelph.ca; phone (519) 824 4120, Ext. 54725.

Questions about the graduate program should be directed to Ms. Kangas or the graduate coordinator.

The University of Guelph is committed to an Employment Equity Program that includes special measures to achieve diversity among its faculty and staff. We therefore particularly encourage applications from qualified aboriginal Canadians, persons with disabilities, members of visible minorities, and women.