MSc or MPH funding opportunity in Epidemiology and Population Health:

Developing spatial-temporal risk maps for the transmission of exotic mosquito-borne diseases in Canada under current and projected climate change

(Expected start date: Fall 2017)

The Public Health Risk Sciences Division, National Microbiology Laboratory of the Public Health Agency of Canada is offering funding for a 2-year position for a MSc or MPH candidate enrolled (or expecting to enrol) at the University of Guelph/Toronto or York University.

Scope of the research: The successful candidate will develop spatio-temporal risk maps for a number of exotic mosquito-borne diseases in Canada (these include, but are not limited to, chikungunya, dengue, yellow fever, Zika and Japanese encephalitis viruses and malaria) under current and projected climate change. The candidate will be expected to work with a multidisciplinary supervisory team to develop a strong research proposal, review existing literature, carry out data collection and analyses, and write a thesis with publishable manuscripts.

Funding: An annual stipend of $16,000 to $22,500 for a maximum of 24 months (6 semesters) is being offered. Some additional funds are available for training, software licenses and conference attendance.

Eligibility: We are looking for a determined and motivated individual with an interest in public health and vector-borne diseases. <u>We are particularly interested in individuals with a strong background in epidemiology, mathematical modelling and quantitative analyses, geographic information systems and previous work with vector-borne diseases</u>. Academic pre-requisites include a Bachelor's degree majoring in a relevant field such as Epidemiology, Mathematics, Biostatistics, Geography or other Health Science fields (minimum GPA of 3.5). You must be enrolled as a MSc or MPH student at the University of Guelph, University of Toronto or York University preferably by Fall 2017. If English is a second language, you must demonstrate that you are proficient in written and spoken English.

How to apply: If you meet the criteria above, and you wish to apply for the position, you should email your CV, cover letter, contact details for three referees (two academic, one personal) and a copy of your academic transcript to Dr. Victoria Ng (victoria.ng@phac-aspc.gc.ca) by **Friday, May 19 2017**. Your cover letter should clearly state your qualifications, experience and research interests that make you a suitable candidate for this position. Interviews will be conducted in the summer.

For further details about this opportunity, please contact Dr. Victoria Ng (victoria.ng@phac-aspc.gc.ca).