MSc in Theoretical Epidemiology - Memorial University

The Hurford (http://amyhurford.weebly.com/) and Tahlan (http://www.faculty.mun.ca/ktahlan/index.php) laboratories at Memorial University (Canada) are recruiting 1 M.Sc. student to design and perform experiments, and to develop models and analyze data for a host-parasite model system. The experimental system involves Klebsiella sp. infection of nematodes. The theoretical models used to describe this system will consider coinfection and disease-induced mortality for different Klebsiella strains.

A competitive salary will be offered with additional funding available for conference travel. The ideal candidate will have experience deriving mathematical models, and epidemiological models in particular, and experience simulating and fitting these models to data. An interest in microbiology is necessary and previous experience in microbiology is an asset, however, all interested candidates are encouraged to apply.

Applicants should email Dr. Amy Hurford (ahurford@mun.ca). This email should include: (i) 1-2 paragraphs describing your research interests and any relevant past experience, (ii) your CV, and (iii) unofficial transcripts pertaining to your previous or ongoing studies (if possible). I will consider applications as they are received. For full consideration applicants should indicate their interest before October 31, 2017, but applications received after this date may be considered. Applicants should be able to begin their studies in May or September, 2018.

Memorial University is located in St John’s, Newfoundland, Canada. The city offers many unique experiences with a vibrant arts community, stunning coastline, and proximity to a variety of outdoor activities (hiking, fishing, cross-country skiing, etc: http://www.newfoundlandlabrador.com).