CURRENT RESEARCH OPPORTUNITY FOR THE MICROBIOLOGY & IMMUNOLOGY PROGRAM

Graduate Program: Microbiology & Immunology
Research Cluster(s): HIV
Supervisor(s): Dr. Art Poon
Keywords: Bioinformatics, phylogenetics, virus evolution, HIV, molecular epidemiology
Vacancies: 2 (see below)
MSc/PhD or Postdoc Available?: Masters, Doctoral

Description: Graduate positions are available in the Poon lab to investigate the evolution of HIV-1 within hosts through the development and application of new phylogenetic methods. Prospective students must have prior experience in computer programming and working through a command line interface (if granted an interview, applicants should expect to be tested on their ability to code). Previous training in molecular evolution, probability and stochastic processes through undergraduate or graduate courses is recommended.

To Apply: Applicants must independently apply to the Microbiology & Immunology program using the online Western application portal, including a clear reference to the supervisor (Please insert anything needed in addition to the traditional application)

Application Deadline: N/A

Contact Information: Questions regarding the application process, or inquiries about the program may be addressed to the Academic Programs Coordinator, if trainees have questions with regard to the description above, you may contact Dr. Poon directly: apoon42@uwo.ca
CURRENT RESEARCH OPPORTUNITY FOR THE MICROBIOLOGY & IMMUNOLOGY PROGRAM

Graduate Program: Microbiology & Immunology

Research Cluster(s): Phagocyte biology, Antigen presentation, Atherosclerosis, Pneumonia

Supervisor(s): Dr. Bryan Heit

Keywords: Macrophages, Inflammation, Antigens, Disease

Vacancies: 2 (see below)

MSc/PhD or Postdoc Available?: Masters, Doctoral

Description: Our interests surround the function of phagocytes – white blood cells which ingest (phagocytose) pathogens, particles, and dead cells. We focus on the cellular and molecular processes which control the function of these cells during the maintenance of homeostasis, infection and chronic inflammatory disease. Central to most of our studies is the study of efferocytosis – the phagocytic removal of apoptotic (dying) cells, and how failures in this process lead to inflammation, autoimmunity and infection.

To Apply: Applicants must independently apply to the Microbiology & Immunology program using the online Western application portal, including a clear reference to the supervisor (Please insert anything needed in addition to the traditional application)

Application Deadline: N/A

Contact Information: Questions regarding the application process, or inquiries about the program may be addressed to the Academic Programs Coordinator, if trainees have questions with regard to the description above, you may contact Dr. Heit directly: bheit@uwo.ca