

Department of Mathematics and Statistics Colloquium

Tuesday September 17 AMB 164 4:00 - 5:00 pm

Three sabbatical pathogen projects

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Abstract

Abstract: I will discuss three projects I worked on at the Pathogen and Microbiome Institute (PMI). First, a preliminary GWAS study looking for genetic susceptibility to Valley Fever in canines. Second, developing a blood assay for Melioidosis using regularization methods. Third, developing a method to handle incomplete sampling in assessing hospital acquired infections of C. difficile. I will also talk about my experiences collaborating with PMI faculty and the conferences that I attended during the sabbatical.

Refreshments at 3:45