Monday, September 22, 2025
12 pm PST (in person)
Clearihue A-317
Join Zoom Meeting
https://uvic.zoom.us/j/81909983859

Meeting ID: 819 0998 3859
Password: 010303
Attend the Watch Party:
At UAlberta - room SAB 3-36
At UManitoba - St. Paul's College - room 225

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Modelling the ecology and evolution of post-infection mortality

Pathogens can cause long-term damage to their hosts, leading to potentially elevated mortality after recovery. While such 'post-infection mortality' may be widespread, its ecological and evolutionary dynamics remain largely unexplored. In this talk, I will begin by using a simple mathematical model to investigate the epidemiological impacts of post-infection mortality in a variety of settings. I will then discuss various model extensions. Finally, I will use an eco-evolutionary model to study the evolution of post-infection mortality.