Tuesday, February 3rd, 12:30pm
CGSB 8th floor seminar room

The Evolution of Viral Social Interactions

Dr Samuel Diaz-Munoz
NYU Biology

“Viruses readily exchange genes and alter the genetic architecture of their hosts. Most viral exchange occurs during coinfection, when multiple viruses infect a single host cell. I will present studies on a diverse collection of lab-evolved and wild cystoviruses to examine coinfection. First, I will show that genetic exchange rates vary among strains of different geographic origin. Second, I will provide evidence that viruses can modulate coinfection and examine a potential mechanism. Finally, I will present preliminary data examining the impact that coinfection has on virus productivity.”

Pizza for $2/slice will be available. Bring your own drink.