Disease Dynamics 2013: Skeleton Program
Earth Sciences Building, Rm 5104- 2207 Main Mall, V6T 1Z4

Thursday
9:00- 9:20am  Welcome Address
9:20 - 10:00am  David Patrick: Mathematical Modeling: The View from Public Health Practice
10:00 - 10:40 am  Jan Medlock: Optimizing Influenza Vaccine Allocation
10:40 - 11:10 am  Coffee Break
11:10 - 11:50am  Katia Koelle: The effect of vaccination on influenza’s rate of antigenic drift
11:50— 1.00pm  Lunch
1.00 - 1.40pm  Alan Perelson: Multiscale Modeling of Hepatitis C Virus Infection
1.40- 2.30pm  Free Discussion time.
2.30- 3.00pm  Coffee Break
3.05- 3.30pm  Stanca Ciupă: Models of immune tolerance and activation in HBV infection
3.30 – 4:10  Jane Heffernan: Vaccination Against Genital Herpes
4.10- 4:35pm  Joshua Schiffer: Rapid Localized Spread and Immunologic Containment Defines Herpes Simplex Virus-2 Reactivation in the Human Genital Tract
4:30 – 4:45pm  Break
4:45 – 5:30pm  Speed poster presentations (1 min, 1 slide)
6:00 - 8:30pm  Reception and Poster Presentation

Friday
9:00 – 9:40am  Rustom Antia: A cross-scale approach to determining measures of vaccine efficacy
9:40 – 10:20am  Dennis Chao: Modeling mass vaccination and other interventions: An individual-based approach
10:20 – 10:50am  Coffee Break (ESB 5104)
10:50 - 11:30am  Elamin Elbasha: Modeling Hepatitis C Virus Transmission and treatment
11:30am – 12:15  Focused discussion 1
12.15 - 1.30pm  Lunch
1:35 – 2:00pm  Libin Rong: CD8+ T cell-mediated killing of infected cells plays an essential role in the
2:00 – 2:40pm  Jessica Conway: Stochastic modeling insights into early HIV infection
2:40 – 3:10pm  Coffee Break
3:10 – 3:50pm  Jamie K. Scott: Dynamics of the immune response to HIV infection and their implications for vaccine design
3:50 – 4:30pm  David P. Wilson: Public Health Decision-Making in Global HIV/STIs
4:30 – 4:45pm  Break
4:45 – 5:45pm  Open Forum

Saturday
9-9:40  Timothy C Reluga: Risk and Externalities of Adaptive Immune Systems
9:40-10:05  Anuj Mubayi: Combating Neglected Disease Leishmaniasis in India: Identifying True Burden & Designing Efficient Control Policy
10:05-10:30  Coffee break
10:30-11:10  Miles Davenport: Using epidemiological data to understand within-host parasite dynamics of malaria infection.
11:10-11:45  Focused discussion 3
11:45-12  Closing remarks & Poster awards