

Thursday

9:00- 9:20am	Welcome Address
9:20 - 10: 00am	David Patrick: <i>Mathematical Modeling: The View from Public Health Practice</i>
10:00 - 10:40 am	Jan Medlock: <i>Optimizing Influenza Vaccine Allocation</i>
10:40 - 11:10am	Coffee Break
11:10 - 11:50am	Katia Koelle: <i>The effect of vaccination on influenza's rate of antigenic drift</i>
11:50– 1.00pm	Lunch
1.00-1.40pm	Alan Perelson: <i>Multiscale Modeling of Hepatitis C Virus Infection</i>
1.40- 2:30pm	Free Discussion time.
2.30- 3:00pm	Coffee Break
3.05- 3:30pm	Stanca Ciupe: <i>Models of immune tolerance and activation in HBV infection</i>
3:30 – 4:10	Jane Heffernan: <i>Vaccination Against Genital Herpes</i>
4.10- 4:35pm	Joshua Schiffer: <i>Rapid Localized Spread and Immunologic Containment Defines Herpes Simplex Virus-2 Reactivation in the Human Genital Tract</i>
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: <i>A cross-scale approach to determining measures of vaccine efficacy</i>
9:40 – 10:20am	Dennis Chao: <i>Modeling mass vaccination and other interventions: An individual-based approach</i>
10:20 – 10:50am	Coffee Break (ESB 5104)
10:50 - 11:30am	Elamin Elbasha: <i>Modeling Hepatitis C Virus Transmission and treatment</i>
11:30am – 12:15	Focused discussion 1
12.15 - 1:30pm	Lunch
1:35 – 2:00pm	Libin Rong: <i>CD8+ T cell-mediated killing of infected cells plays an essential role in the</i>
2:00 – 2:40pm	Jessica Conway: <i>Stochastic modeling insights into early HIV infection</i>
2:40 – 3:10pm	Coffee Break
3:10 – 3:50pm	Jamie K. Scott: <i>Dynamics of the immune response to HIV infection and their implications for vaccine design</i>
3:50 – 4:30pm	David P. Wilson: <i>Public Health Decision-Making in Global HIV/STIs</i>
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: Combatting 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