

Mathematical Modeling of Infectious Diseases: Tools of the Trade

Wednesday, February 13, 2008 ■ Talaris Conference Center

8:00 a.m. – 8:30 a.m.	<i>Check-in and Continental Breakfast</i>	
8:30 a.m. – 8:45 a.m.	<i>Welcome and Introduction</i> Bryan Grenfell	Penn State University
8:45 a.m. – 9:15 a.m.	<i>Simple Deterministic Models, Application: Estimating Secondary Transmission Among HIV-positive Mozambicans Prior to HAART</i> Susan Cassels	University of Washington
9:15 a.m. – 9:45 a.m.	<i>Discussion</i>	
9:45 a.m. – 10:15 a.m.	<i>Deterministic Compartmental Models, Application: Modeling the Interaction of HIV and Malaria</i> Laith Abu-Raddad	FHCRC/VIDI
10:15 a.m. – 10:45 a.m.	<i>Discussion</i>	
10:45 a.m. – 11:00 a.m.	<i>Break</i>	
11:00 a.m. – 11:30 a.m.	<i>Deterministic Compartmental Models, Application: Modeling the Potential Benefit of HPV Vaccines</i> Ruanne Barnabas	FHCRC/VIDI
11:30 a.m. – 12 noon	<i>Discussion</i>	
12 noon – 1:15 p.m.	<i>Lunch</i>	
1:15 p.m. – 1:45 p.m.	<i>Stochastic Models for Partnership Networks, Application: Explaining Racial Disparities in HIV/STI in the US</i> Martina Morris	University of Washington
1:45 p.m. – 2:15 p.m.	<i>Discussion</i>	
2:15 p.m. – 2:45 p.m.	<i>Large-scale Stochastic Stimulation Models, Application: Modeling Pandemic Influenza</i> Ira Longini	UW/FHCRC/VIDI
2:45 p.m. – 3:15 p.m.	<i>Discussion</i>	
3:15 p.m. – 3:30 p.m.	<i>Break</i>	
3:30 p.m. – 4:00 p.m.	<i>Keynote Address: What We Learn From Different Models for Measles Dynamics</i> Brian Grenfell	Penn State University
4:00 p.m. – 4:30 p.m.	<i>Discussion of Keynote Address</i>	
4:30 p.m. – 5:00 p.m.	<i>General Discussion</i>	