

July 17-19 - Reconstructing Transmission with Genomic Data – Schedule

Module website: <https://jessicastockdale.github.io/SISMID2024-transmission-genomics>

Class location: Emory University, 1516 Clifton Road, Randall Rollins Bldg, room 200 (2nd floor), Atlanta, Georgia

Time	Wednesday	Thursday	Friday
8:30-10:00		Lecture 2: Inferring transmission directly from genomes and epi data	Lecture 4: <i>TransPhylo</i> and the math behind it
10:00-10:30		break - 2 <sup>nd</sup> floor lobby	break - 2 <sup>nd</sup> floor lobby
10:30-12:00		Exercise 2: <i>Outbreaker</i> for outbreak reconstruction	Exercise 4: <i>TransPhylo</i> for outbreak reconstruction
12:00-13:30	Lunch	Lunch – 2 <sup>nd</sup> floor lobby <i>Lunch and Learn</i> events	Lunch – 2 <sup>nd</sup> floor lobby
13:30-15:00	Welcome and Lecture 1: An introduction to reconstructing transmission with genomic data	Lecture 3: Phylogenetic trees and methods to build them	13:30-14:15: Research projects workshop/Q&A 14:15-15:00: Research forefronts pt 1
15:00-15:30	break - 2 <sup>nd</sup> floor lobby	break - 2 <sup>nd</sup> floor lobby	break - 2 <sup>nd</sup> floor lobby
15:30-17:00	Exercise 1: Exploring paths of transmission from multiple data sources	Exercise 3: Building phylogenetic trees	15:30-16:15: Research forefronts pt 2 16:15-17:00: Q&A/Wrap-up session
17:00-19:00	Networking and posters – Randall Rollins P01		