

July 17-19 – Module 7: Reconstructing Transmission with Genomic Data – Schedule

Module website: <https://jessicastockdale.github.io/SISMID2023-transmission-genomics>

Preliminary class location: HST 530, Health Sciences Building, 1959 NE Pacific Street, T-Wing, Seattle 98185 (subject to change closer to date)

Time	Monday	Tuesday	Wednesday
7:30-8:30	Registration & Check In	Coffee/tea	Coffee/tea
8:30-10:00	Welcome and Lecture 1: An introduction to reconstructing transmission with genomic data	Lecture 3: Phylogenetic trees and methods to build them	Research projects workshop/ Q&A
10:00-10:30	break	break	break
10:30-12:00	Exercise 1: reconstructing paths of transmission – data exploration	Exercise 3: building phylogenetic trees	Lecture 5: Research frontiers and open questions
12:00-13:30	lunch	lunch	
13:30-15:00	Lecture 2: Non-phylogenetic transmission reconstruction	Lecture 4: TransPhylo and the math behind it	
15:00-15:30	break	break	
15:30-17:00	Exercise 2: <i>Outbreaker</i> for outbreak reconstruction	Exercise 4: <i>TransPhylo</i> for outbreak reconstruction	
17:00-18:00	Summer Institutes Networking Event		