

Epidemics

QBioS Online Hands-on Modeling Workshop
Georgia Institute of Technology - Virtually
May 18, 2020

Instructors

Prof. Joshua Weitz and the members of the 2019 QBioS PhD cohort (Pablo Bravo, Marian Dominguez Mirazo, Robert Edmiston, Katie MacGillivray, Athulya Ram, Varun Sharma, and Conan Zhao)

Schedule

9:00	Welcome
	Basics of Epidemic Modeling
10:15	Q&A
10:30	Break
10:45	Modeling Epidemics: Deterministic Models
12:00 pm	Break for lunch
1:30	Modeling epidemics: Stochastic Models
3:00	Break
3:30	Current Challenges: From Small Models to Large-Scale Interventions
4:00	End of workshop