



Natasha Martin, DPhil

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"COVID-19 on Campus: How modeling, sewage, and ramen have informed the UC San Diego Return to Learn program"

**March 1, 2021
12 - 1 pm EST (US & Canada)**

Dr. Martin will discuss the development and evolution of the UC San Diego “Return to Learn” program, the science-driven adaptive approach to SARS-CoV-2 risk mitigation, viral detection, and public health intervention. Her talk will focus on how epidemic modeling has contributed to the adaptive strategy, and also discuss the implementation and evaluation of a large-scale campus wastewater monitoring program. She will also discuss insights gained from ramen, cheese, and gophers.

Dr. Natasha Martin is an Associate Professor in the Department of Medicine, Division of Infectious Diseases and Global Public Health. She holds an honorary senior lecturer position at the University of Bristol. She is also the co-director of the Biostatistics and Modeling Core of the University of California San Diego Center for AIDS Research (UCSD CFAR). She has worked for 18 years developing mathematical models of disease progression and transmission in both communicable and non-communicable diseases. Dr. Martin is an infectious disease economic modeler who develops dynamic transmission models to evaluate the impact and cost-effectiveness of public health interventions.

EPH 580 01 (FA20): Seminar for Modeling in PH

Join from PC, Mac, Linux, iOS or Android: <https://yale.zoom.us/j/92978093572>

Or Telephone : 203-432-9666 (2-ZOOM if on-campus) or 646 568 7788

Meeting ID: 92978093572