



# Epidemiology of COVID-19: Implications for Control

**Wednesday, September 23, noon ET**

Register at [go.aps.org/covidwebinar1](https://go.aps.org/covidwebinar1)

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## Topics covered during this webinar:

- Key features of the epidemiology of the COVID-19 pandemic with emphasis on the complexity of the data-generating mechanisms, and the challenges they pose for control
- Delayed and incomplete reporting, local heterogeneity, and uncertain effectiveness of control measures
- Approaches to address these challenges
- Nowcasting and detailed sensitivity analyses in models
- Big open questions in the epidemiology of COVID-19



**Speaker: Marc Lipsitch,**

Harvard University

**Moderator: Thomas Bortfeld,**

Harvard University

Dr. Marc Lipsitch is a professor of epidemiology and director of the Center for Communicable Disease Dynamics at Harvard University. During the 2009 H1N1 pandemic, he served on President Barack Obama's Council of Advisors on Science and Technology Working Group, as well as the Centers for Disease Control and Prevention's outside advisory group, "Team B". Lipsitch has published some two dozen articles and preprints on COVID-19 with colleagues and trainees, including scenarios for social distancing, ethical and quantitative analyses of vaccine trials, coronavirus seasonality, vaccine prioritization, and other topics.

## About the CRRG

The COVID Research and Resources Group (CRRG) aims to connect physicists and other scientists through COVID-related research and education efforts. If you would like to join CRRG, visit our website, find our community on [engage.aps.org](https://engage.aps.org), or email [crrg@aps.org](mailto:crrg@aps.org) and we will connect with you.