

**Joint WNAR/NISS/COPSS Webinar**  
By Xihong Lin, Harvard University  
***Learning from COVID-19 Data in Wuhan, USA and Europe on Intervention Strategies***

It is our great pleasure to announce the joint WNAR/NISS/COPSS webinar by our distinguished colleague Professor Xihong Lin from Harvard University.

**Time: 9:00am - 10:30am PDT (12:00pm - 1:30pm EDT), Thursday May 14, 2020**

**This is a free event and registration is required:**

[https://psu.zoom.us/webinar/register/WN\\_rEn8fBwRRGO83IbHW1j\\_Ng](https://psu.zoom.us/webinar/register/WN_rEn8fBwRRGO83IbHW1j_Ng)

**Abstract:**

COVID-19 is an emerging respiratory infectious disease that has become a pandemic. It was first detected in early December 2019 in Wuhan, China. Until April 30, COVID-19 has quickly spread to over 150 countries worldwide and infected more than 3.3 million individuals and caused 237,000 deaths globally. In this talk, I will first provide a historical overview of the epidemic in Wuhan. I will then provide the analysis results of 32,000 lab-confirmed COVID-19 cases in Wuhan to evaluate the effects of different public health interventions on controlling the COVID-19 outbreak, such as social distancing, isolation and quarantine, as well as summarizing the epidemiological characteristics of the cases. The results show that multi-faceted intervention measures effected successfully controlled the outbreak in Wuhan. I will next present the effects of the social distancing measure using the data in Wuhan, USA and Europe on controlling the epidemic and the factors that are useful to consider for reopening. Strategies and challenges for different types of tests, such as PCR and antibody tests, and contacting tracing will be discussed. Preliminary survey results of >500,000 participants of the HowWeFeel project on symptoms and health conditions in US will be presented. I will provide several take home messages and discuss priorities.

**Speaker Bio:**

Xihong Lin is Professor and former Chair of the Department of Biostatistics, Coordinating Director of the Program in Quantitative Genomics at the Harvard T. H. Chan School of Public Health, and Professor of the Department of Statistics at the Faculty of Arts and Sciences of Harvard University, and Associate Member of the Broad Institute of Harvard and MIT.

Dr. Lin is an elected member of the National Academy of Medicine. She received the 2002 Mortimer Spiegelman Award from the American Public Health Association, and the 2006 Committee of Presidents of Statistical Societies (COPSS) Presidents' Award and the 2017 COPSS FN David Award. She is an elected fellow of American Statistical Association (ASA), Institute of Mathematical Statistics, and International Statistical Institute.