SMSS Colloquium
Distinguished Speaker:
Dr. Xihong Lin

Department of Biostatistics and Department of Statistics, Harvard University.
Associate Member - Broad Institute of MIT and Harvard.
Coordinating Director of the Program in Quantitative Genomics at the Harvard T. H. Chan School of Public Health.
Past awards include the 2006 Committee of Presidents of Statistical Societies (COPSS) Presidents’ Award and the 2017 COPSS FN David Award.

Learning from COVID-19 Data on Transmission, Health Outcomes, Interventions and Vaccination

- The effects of public health interventions on controlling the COVID-19 outbreak, such as social distancing, isolation and quarantine.

- Estimating transmission rates using Transmission regression models as well as factors including intervention effects using test-trace-isolate strategies that affect transmission rates.

- The demographic, social-economic, and comorbidity factors that are associated with COVID-19 case and death rates.

- Analysis results of >500,000 participants of the HowWeFeel project, discussing the factors associated with infection, behavior, and vaccine hesitancy.

- Analysis results of 32,000 lab-confirmed COVID-19 cases in Wuhan to estimate the transmission rates using Poisson Partial Differential Equation-based transmission dynamic models.

March 19, 2021 11:30 A.M. - 1:00 P.M.

This virtual event is open to the public. Join us via Zoom: https://utrgv.zoom.us/j/84780642513