



HARVARD
MEDICAL SCHOOL



HARVARD T.H. CHAN
SCHOOL OF PUBLIC HEALTH

CELEHS Distinguished Lecture Series 2024

Title: Semiparametric Learning

Date & Time: 10/16 from 9:30-12:30 pm

Location: Room 426 in building 2 at HSPH



Yanyuan Ma, PhD

Department of Statistics at
Penn State University

Dr. Yanyuan Ma's research interests include measurement error models, dimension reduction, mixed sample problems, latent variable models, selection bias issues, missing not-at-random problems, distribution shifts and semiparametrics more generally. Dr. Ma is a fellow of the Institute of Mathematical Statistics and the American Statistical Association.

Short-Course Description

The short course will cover the basics of semiparametric methods including the relation between estimators and the corresponding influence function, the construction of influence function from a geometric approach, the treatment of the nuisance components and the difference in handling a parameter in a semiparametric model and the functional of the functional components of the model itself. We will use the most simple missing response problem in some basic settings as examples to illustrate the implementation of the semiparametric methods.

RSVP before October 11th
"Limited seating"

TRANSLATIONAL DATA SCIENCE



CENTER FOR A LEARNING HEALTH SYSTEM

