SUMMER SHORT COURSE

An Introduction to Causal Inference

Offered by the HSPH Program on Causal Inference
Sponsored by the Departments of Biostatistics and Epidemiology

JUNE 4-8, 2018

9am-12pm and 1:30pm-4:30pm

The Tsai Auditorium, Room S010, lower concourse level
CGIS South Building | 1730 Cambridge St | Cambridge, MA

Instructors: Miguel Hernán, Judith Lok, Eric Tchetgen Tchetgen, James Robins & Tyler VanderWeele

This 5-day course introduces concepts and methods for causal inference from observational data. Upon completion of the course, participants will be prepared to further explore the causal inference literature. Topics covered include the g-formula, inverse probability weighting of marginal structural models, g-estimation of structural nested models, causal mediation analysis, and methods to handle unmeasured confounding. The last day will end with a "capstone" open Q&A session with all speakers.

Prerequisites: Participants are expected to be familiar with basic concepts in epidemiology and biostatistics, including linear and logistic regression and survival analysis techniques.

Tuition: $550/person, to be paid at the time of registration. Tuition waivers available for a limited number of students.

www.hsph.harvard.edu/causal/shortcourse