Learning with Multiple Healthcare Systems

Abstract:
The wide adoption of electronic health records (EHR) systems has led to the availability of large clinical datasets available for precision medicine research. EHR data, linked with bio-repository, is a valuable new source for deriving real-word, data-driven prediction models of disease risk and treatment response. Yet, they also bring analytical difficulties, especially when aiming to train transportable algorithms across multiple healthcare systems due to heterogeneity and privacy. In this talk, I’ll discuss analytical approaches for mining EHR data from multiple healthcare systems. These methods will be illustrated using EHR data from Mass General Brigham and Veteran Affairs.

November 4, 2021
133 Rosenau Hall
3:30-4:30 PM

Zoom Link:
https://unc.zoom.us/j/93545206596?pwd=N1lKeVZjSFhuM2lhSDJCWjN3c21BUT09
Meeting ID: 935 4520 6596  Passcode: 823321