

**The DIVISION OF BIOSTATISTICS
of the
MEDICAL COLLEGE OF WISCONSIN**

Proudly Presents
A Special Talk
By:



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Propensity Score Matching for Clustered Data

Observational studies are a primary research method for comparative effectiveness research and patient-centered outcomes research. Their utility, however, is restricted by the fact that treatment choice is affected by known or unknown prognostic factors. This situation known as confounding by indication for treatment may render observational studies invalid and irrelevant unless properly addressed. Proper treatment of confounding is further complicated in data obtained from registries, network databases or the Electronic Health Record where subjects or patients are commonly clustered in ways that may be relevant to the analysis. We extend propensity score matching methodology to address measured and unmeasured confounding at the cluster level.

Tuesday, April 11, 2017
3:30 – 4:30 PM
Medical College of Wisconsin
Room M2050 – 2nd floor of the MEB
Refreshments are provided