

Epidemiology and Clinical Outcomes Research Seminar Series

Presented by the Division of Public Health Sciences, Department of Surgery

M. Alan Brookhart, PhD

Associate Professor of Epidemiology The University of North Carolina at Chapel Hill

Thursday, November 14, 2013 4:30 p.m. in The Doll & Hill Teaching Room Taylor Avenue Building

"Can Variation In Medical Practice Be Used To Estimate Treatment Effects?"

A large body of literature has documented substantial differences in medical practice between different geographic regions in the United States. These studies suggest that the treatment patients receive may often depend on where they live, the physicians they see, or the hospitals where they are treated. Increasingly, this variation in medical practice has been used as the basis of a natural experiment to estimate treatment effects. We provide some examples of how this has been done and consider the assumptions under which such approaches may provide useful information about the effectiveness of treatments.

Co-sponsored by the Institute for Public Health, the Department of Obstetrics and Gynecology, the Department of Medicine, and the Department of Anesthesiology



Taylor Avenue Building 600 S. Taylor Avenue Second Floor 2131 Doll & Hill Teaching Room



*TAB

For more information: Carol Leighton (314) 454-7940 leightonc@wudosis.wustl.edu