

# ASA-BI Statistics Webinar Series



## Rod Little, PhD

Richard D. Remington  
Distinguished University  
Professor,  
Dept. of Biostatistics,  
University of Michigan  
USA

**October 5, Friday  
9-10 am EST**

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## Title

Missing Data in Clinical Trials

## Abstract

Treatment of missing data in clinical trials has been a topic of much discussion recently, including the 2010 National Academy study on the Prevention and Treatment of Missing Data in Clinical Trials, and the imminent ICH E9 Addendum on estimands. I'll discuss main findings of the National Academy study, and discuss some related developments in the treatment of missing data in clinical trials, including forms of sensitivity analysis and definitions of estimands that limit the impact of missing data.

## Professional Biography

Dr. Roderick Little is Richard D. Remington Distinguished University Professor of Biostatistics at the University of Michigan, where he also holds appointments in the Department of Statistics and the Institute for Social Research. He has over 250 publications, notably on methods for the analysis of data with missing values and model-based survey inference, and the application of statistics to diverse scientific areas, including medicine, demography, economics, psychiatry, aging and the environment. He chaired the 2010 National Academy study on the Prevention and Treatment of Missing Data in Clinical Trials. Dr. Little is an elected member of the International Statistical Institute, a Fellow of the American Statistical Association and the American Academy of Arts and Sciences, and a member of the Institute of Medicine of the U.S. National Academies. In 2005, Dr. Little was awarded the American Statistical Association's Wilks Medal for research contributions, and he gave the President's Invited Address at the Joint Statistical Meetings. He was the COPSS Fisher Lecturer at the 2012 Joint Statistics Meetings.

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