April 18, 2018
Arthur H. Rubenstein Auditorium
Smilow Center for Translational Research (SCTR)

Estimands, Missing Data and Sensitivity Analysis

	PRESENTERS
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7:45 a.m. – 8:45 a.m.	**REGISTRATION, BREAKFAST AND AV PREPARATION**
8:45 a.m. – 9:00 a.m.	**Opening Remarks/Logistics:** Susan S. Ellenberg, PhD, University of Pennsylvania
	AM MODERATOR: Pamela A. Shaw, PhD, University of Pennsylvania
9:00 a.m. – 9:30 a.m.	**DEVAN V. MEHROTRA, PhD**, Merck Research Laboratories and University of Pennsylvania *ICH Guidance on Estimands and Sensitivity Analysis: Why and what?*
9:30 a.m. – 10:00 a.m.	**THOMAS PERMUTT, PhD**, US Food and Drug Administration, CDER *A regulatory perspective on defining treatment effects*
10:00a.m. - 10:30 a.m.	BREAK
10:30-11:15 a.m.	**Discussion panel 1:** **FRANK W. ROCKHOLD, PhD,** Duke University, DCRI **ANNE LINDBLAD, PhD,** EMMES Corporation **JAY P. SIEGEL, MD, Janssen (ret.)** **GEERT MOLENBERGHS, PhD**, Universiteit Hasselt and KU Leuven
11:15 a.m. – 12:00 p.m.	**OPEN FORUM**
12:00 p.m. – 1:00 p.m.	**LUNCH**
	PM MODERATOR: Mary E. Putt, PhD, ScD, University of Pennsylvania
1:00 p.m. – 1:30 p.m.	**JOSEPH G. IBRAHIM, PhD,** UNC, Gillings School of Public Health *Quantifying the average of the time-varying Hazard Ratio via a class of transformations*
1:30 p.m. – 2:00 p.m.	**SCOTT S. EMERSON, MD, PhD**, University of Washington *Analyzing Sensitivity to Data Missing Not At Random (MNAR): A Framework for Design, Analysis, and Reporting Professor of Biostatistics*
2:00 p.m. – 2:30 p.m.	**DANIEL O. SCHARFSTEIN, ScD,** Johns Hopkins Bloomberg School of Public Health *A Causal Inference Perspective on the Proposed ICH-E9 Addendum.*
2:30 p.m. –3:00 p.m.	**BREAK**
3:00 p.m. – 3:45 p.m.	**Discussion panel 2:** **RODERICK J LITTLE, PhD** , University of Michigan School of Public Health **ERIC J. TCHETGEN TCHETGEN, PhD,** Wharton School, University of Pennsylvania **ANDREA B. TROXEL, ScD**, New York University Langone Health
3:45 p.m. – 4:25 p.m.	**OPEN FORUM**
4:25 p.m. – 4:30 p.m.	**CLOSING REMARKS:** Susan S. Ellenberg PhD, University of Pennsylvania