

**SAVE THE DATE!**

**Monday, April 12, 2021 (8:30 A.M. to 4:30 PM)**

**13th Annual University of Pennsylvania**

**Conference on Statistical Issues in Clinical Trials:**

***Cluster Randomized Clinical Trials: Challenges and Opportunities***

***Registration opens January 2021***

<b>SPEAKERS AND TOPICS</b>	
<b>DAVID MURRAY</b> NIH	<i>Overview: Innovations in the Design and Analysis of Group - or Cluster-Randomized Trials</i>
<b>VICTOR DeGRUTTOLA</b> Harvard	<i>Using Network-level (and Individual-level) Information in Design and Analysis</i>
<b>LUKE J. KEELE</b> University of Pennsylvania	<i>Complexities Caused by Noncompliance in Cluster Randomized Trials</i>
<b>JAMES P. HUGHES</b> University of Washington	<i>Current Issues in the Design and Analysis of Stepped Wedge Trials</i>
<b>LAWRENCE H. MOULTON</b> Johns Hopkins University	<i>Randomization: Beyond the Closures Principle</i>
<b>NATALIE E. DEAN</b> University of Florida	<i>The Ring Trial Design for the Estimation of Vaccine Efficacy and Effectiveness During Infectious Disease Outbreaks</i>
<b>DEBORAH J. DONNELL</b> University of Washington	<i>Challenges in Implementing CRTs: from Hawthorne Effect to Measurement Bias</i>
<b>WEILI HE</b> AbbVie	<i>Practical Considerations in Utilizing Cluster Randomization Trials in Medical Research</i>
<b>PANELISTS</b>	
<b>Andrew Copas</b>	<b>University College London</b>
<b>Karla Hemming</b>	<b>University of Birmingham</b>
<b>David Murray</b>	<b>NIH</b>
<b>Mike Proschan</b>	<b>NIH</b>
<b>Jeffrey Roberts</b>	<b>FDA CBER</b>
<b>Alisa J. Stephens-Shields</b>	<b>University of Pennsylvania</b>

Up to date information at:

<https://www.cceb.med.upenn.edu/events/13th-university-pennsylvania-conference-statistical-issues-clinical-trials>