**2022 Summer Institute in Statistics for Clinical & Epidemiological Research**

**SISCER Module 13:**

**Design and Analysis of Clinical Trials**

**Instructors:** Pamela Shaw and Michael Proschan

**Class Schedule**: Times listed are PDT (GMT-7). Length of each lecture and timing of breaks are approximate.

**Wednesday, July 20th**

8:30-8:40am Introductions

8:40-9:30am Choice of Primary Outcome and Analysis

9:30-9:45am Break

9:45-10:30am Randomization

10:30-10:45am Break

10:45-Noon Sample size/ Power

**Thursday, July 21th**

8:30-10:00am Interim Monitoring

10:00-10:30am Break

10:30-Noon Futility Analysis

**Friday July 22th**

8:30-9:40am Handling of Missing Data

9:40-9:55am Break

9:55-10:45am Multiple Comparisons

10:45-11:00am Break

11:00-11:55am Adaptive Designs

11:55- Noon Wrap up