**Training on Optimization of Behavioral and Biobehavioral Interventions**

May 13-17, 2019  
Hyatt Regency Bethesda, Bethesda, Maryland

**Sponsors:** Office of Behavioral and Social Sciences Research (OBSSR), National Institute on Drug Abuse (NIDA),

WT Grant Foundation, and The Methodology Center, Penn State

**DAY 1 AGENDA: MONDAY, MAY 13 9:00 am – 5:00 pm (Reception to Follow)**

* Introduction to MOST
* The preparation phase: Conceptual model
* Bill Riley, Office of Behavioral and Social Sciences Research (OBSSR)
* Reception

**DAY 2 AGENDA: TUESDAY, MAY 14 9:00 am – 4:30 pm**

* Factorial optimization trials
* Heather Wasser presentation

**DAY 3 AGENDA: WEDNESDAY, MAY 15 9:00 am – 4:30 pm**

* Powering factorial experiments
* Fractional factorial optimization trials
* Multi-level factorial optimization trials and cluster randomization
* Deciding on what will be included in the optimized intervention
* Presentations and panel discussion with investigators of projects that use MOST: Marya Gwadz (NYU), David Wyrick (UNC-Greensboro), Angela Pfammatter (Northwestern University), & Heather Wasser (UNC-Chapel Hill)

**DAY 4 AGENDA: THURSDAY, MAY 16 9:00 am – 4:30 pm**

* Introduction to Adaptive interventions
* Angela Pfammater presentation
* Self-paced data analysis practicum
* Optional individual consultation sessions

**DAY 5 AGENDA: FRIDAY, MAY 17 9:00 am – 1:00 pm**

* Getting a MOST project funded