

**Cognitive Neuroscience Treatment Research to Improve Cognition in Schizophrenia:
Psychometric, Translational, and Practicality Issues**

Friday, September 28th

Introduction and Overview

- 7.30 am: Breakfast & Registration check-in **LOGE**
- 8.00 am: Introduction and Background for CNTRICS
Cameron S. Carter MD **SEMINAR B**
- 8.15 am: Summary of Survey Results and Goals for Meeting
Deanna M. Barch PhD **SEMINAR B**

Construct Validity & Optimal Sensitivity

- 8:30 am: How to build a cognitive task with good construct validity
Speaker: Jon Cohen
- 9:00 am: Challenges to maintaining construct validity (by measuring specific rather than generalized cognitive deficits) while optimizing discriminating power (sensitivity to treatment changes, pharmacological manipulation).
Speaker: Steve Silverstein
- 9:30 am: Panel Discussion and Consensus Building on Recommended Approaches
Panel Moderator - Angus MacDonald
- 10:15 am: Coffee Break **LOGE**

Translation and Implementation Practicalities

- 10:30 am: The challenges of translating cognitive paradigms for use in clinical research/Practicalities
Speaker: Steve Luck & Jim Gold
- 11:00 am: The Practical Constraints of Clinical Trials
Speaker: Rich Keefe
- 11:30 am: Panel Discussion and Consensus Building on Recommended Parameters
Panel Moderator - Judy Jaeger
- 12:15 pm: Lunch **ROOMS 301 & 303**

Reliability, Power and Other Statistical Considerations

- 1:15 pm: Reliability and other considerations
Speaker: Randy Engle
- 1:45 pm: Power optimization in clinical trials
Speaker: Andy Leon
- 2:15 pm Panel Discussion and Consensus Building on Recommended Parameters
Panel Moderator - Deanna Barch
- 3:30 pm Coffee Break **LOGE**
- 3:45 pm: Anatomy of a Translation: A proposed frame work for optimizing a cognitive task for use in a clinical trial
Speakers: Deanna Barch
- 4:15 pm: Group Discussion – Modification of Recommendations **SEMINAR B**
- 5:00 pm: Adjourn Conference