

## **Cognitive Neuroscience Treatment Research to Improve Cognition in Schizophrenia: Choosing Cognitive Tasks**

**Thursday, Oct 28th**

### **Introduction and Overview**

- 8.00 am: Introduction, Goals for CNTRICS Biomarker Nomination Meeting  
Cameron S. Carter MD
- 8:15 am: Survey Results Deanna Barch
- 8:30 am: ERP as a biomarkers overview Steve Luck
- 8:45 am: fMRI as a biomarker overview Deanna Barch

### **Construct Overviews**

- 9:00 am: Long Term Memory (Relational & Item Memory, Reinforcement Learning)  
Speaker: Charan Ranganath
- 9:15 am: Perception (Gain Control and Visual Integration)  
Speaker: John Serences
- 9:30 am: Social Cognition (Affective Recognition & Evaluation)  
Speaker: Daniella Schiller
- 9:45 am: Attention (Top Down Influences on Shifts of Attention)  
Speaker: Steve Luck
- 10:00 am: Executive Control (Rule Selection and Dynamic Adjustments of Control)  
Speaker: Angus MacDonald
- 10:15 am: Working Memory (Goal Maintenance and Interference Control)  
Speaker: Derek Nee
- 10:30 am: Coffee Break
- 10:45 am: **First Breakout Session: Working Memory & Attention**  
Executive Control Group Leader: Cameron Carter & Mike Minzenberg  
Long Term Memory Group Leaders: Dan Ragland & Charan Ranganath
- 12:00 Lunch
- 1:00 pm: **Second Breakout Groups: Executive Control & Long Term Memory**  
Working Memory Group Leader: Deanna Barch & Holly Moore  
Attention Group Leader: Steve Luck & Judy Ford
- 2:15pm: Coffee Break
- 2:30 pm** **Third Breakout Groups: Perception and Social Cognition**  
Perception Group Leaders: Michael Green & Pam Butler  
Social Cognition Group Leaders: Angus MacDonald & Steve Taylor

**NEXT PAGE**

**Thursday, Oct 28<sup>th</sup> Continued**

- 3:45 pm: Coffee Break
- 4:00 pm: Working Memory Task Selection Reports
- 4:30 pm: Attention Task Selection Reports
- 5:00 pm: Executive Control Task Selection Reports
- 5:30 pm: End of Day
- 7:00 pm: Working Banquet

**Friday, Oct 29<sup>th</sup>**

- 8:15 am: Long Term Memory Task Selection Reports
- 8:45 am: Perception Task Selection Reports
- 9:15 am: Social Cognition Task Selection Reports
- 9:45 am: Group Discussion
- 10:15 am: Coffee Break

**New Directions in Biomarkers**

- 10:30 am: Resting State EEG                      Speaker: Kevin Spencer
- 10:45 am: Resting State fMRI                      Speaker: Deanna Barch
- 11:00 am: General Discussion
- 12:30 pm: Meeting End