The meeting follows last year’s meeting on rapid response impulsivity and will address delay discounting, temporal discounting, delayed reward or choice impulsivity (hereafter referred to as choice impulsivity).
The objectives of the meeting are:

1. To bring together basic and clinical scientists working in the area of impulsivity to further move towards a standardized translational toolbox of behavioral measures of impulsivity. The focus of this meeting will be measures of choice impulsivity.
2. To sponsor trainees and junior faculty to participate in the meeting and encourage their future participation in research on impulsivity in addictions and other conditions and populations characterized by impaired impulse control.
3. To encourage increased participation of minority, disabled, and women scientists and clinicians in the area of impulsivity through participation in this meeting.
4. To disseminate proceedings of this meeting to include a standardized translational toolbox of behavioral measures of choice impulsivity in a peer-reviewed journal and on the web site of the society.

Organizing committee:

Marc N. Potenza, M.D., Ph.D., F. Gerard Moeller, M.D., and Catharine A. Winstanley, Ph.D. (Co-Chairs); Alan C. Swann, M.D., Scott D. Lane, Ph.D., Charles Mathias, Ph.D.
**Participating program faculty:**

Antoine Bechara; University of Southern California
Warren Bickel; Virginia Tech University
Mark Fillmore; University of Kentucky
Scott D. Lane; University of Texas, Houston
Carl Lejuez; University of Maryland
Ifat Levy; Yale University
Charles Mathias; University of Texas, San Antonio
Suzanne Mitchell; Oregon Health & Sciences University
F. Gerard Moeller; Virginia Commonwealth University
John Monterosso; University of Southern California
Marc N. Potenza; Yale University
Brady Reynolds; University of Kentucky
Barry Setlow; University of Florida
Kenneth J. Sher; University of Missouri
Alan C. Swann; University of Texas, Houston
Catharine A. Winstanley; UBC

**Final Program**

I. **Introduction and overview of schedule:** Marc N. Potenza (15) 7:45-8:00

II. **Choice Impulsivity:**

   **What is it from a Preclinical Perspective?** 8:00-9:00
   A. 20 minute presentation by Catharine Winstanley
   B. 40 minute round table discussion chaired by Mark Fillmore, with Suzanne Mitchell, and Barry Setlow

III. **Measures of Choice Impulsivity:**

   **What is it from a Clinical Perspective?** 9:10-10:00
   A. 20 minute presentation by Charles Mathias
   B. 40 minute round table discussion chaired by F. Gerard Moeller, with Scott Lane, Brady Reynolds, and Alan Swann

Break: 10:00-10:30
IV. **Choice Impulsivity in Special Populations:** 10:30-11:30:
   A. 20 minute presentation by Warren Bickel
   B. 40 minute round table discussion chaired by Carl Lejuez, with Antoine Bechara, Ifat Levy, John Monterosso, and Kenneth Sher

11:30 Short Discussion and Break for Lunch

V. **Workgroups:** 2:00-3:00
   A. Preclinical measurement of choice impulsivity workgroup chaired by Mark Fillmore
   B. Human behavioral laboratory measures workgroup chaired by F. Gerard Moeller
   C. Special populations measures workgroup chaired by Carl Lejuez

3:00-3:30 Break

VI. **Report of Workgroups to General Session:** Chaired by Warren Bickel 3:30-5:00
   A. Preclinical measures workgroup: 3:30-3:50
   B. Human behavioral laboratory measures workgroup: 4:00-4:20
   C. Impulsivity in special populations workgroup: 4:30-4:50

VII. **Summary:** Warren Bickel 4:50-5:00

**Poster Session** 5:00-6:30 targeted at junior faculty and trainees chaired by F. Gerard Moeller, Alan Swann

**Kristen R. Hamilton**

**Presentation:** Impulsivity moderates the relation between age and increases in adolescent alcohol use

**Affiliation:** Center for Addictions, Personality, and Emotion Research, University of Maryland, College Park, Maryland

**Andrew Littlefield**

**Presentation:** Genetic and environmental influences of impulsivity: A developmental perspective

**Affiliation:** Psychological Sciences, University of Missouri, Columbia, Missouri
Maartje Luijten

**Presentation:** Effects of reward and punishment on brain activations associated with inhibitory control in cigarette smokers

**Affiliations:** Melbourne School of Psychological Sciences, University of Melbourne, Victoria 3010, Melbourne, Australia
Institute of Psychology, Erasmus University Rotterdam, P.O. Box 1738, 3000 DR, Rotterdam, the Netherlands

Marci Mitchell

**Presentation:** High cocaine intake causes long-lasting elevations in impulsive choice in a delay discounting task

**Affiliations:** Department of Psychiatry, University of Florida, College of Medicine, Gainesville, Florida
Department of Psychiatry, School of Medicine, Yale University, New Haven, CT

Lianne Schmaal

**Presentation:** Neural substrates of impulsive decision making modulated by modafinil in alcohol dependent patients

**Affiliation:** Amsterdam Institute for Addiction Research, Department of Psychiatry, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands

Stephanie E. Tedford

**Presentation:** Lesions of the dorsolateral striatum altered impulsivity in rats during a non-food, reward-mediated delay discounting task

**Affiliation:** Department of Pharmacology, and Center for Compulsive Behavior and Addiction, Rush University Medical Center, Chicago, Illinois

Victoria C. Wing

**Presentations:** Effects of smoking status on delay discounting in Schizophrenia: A comparison of the experimental discounting task to the Kirby Delay Discounting Task
Delay discounting in smokers with Schizophrenia: Effects of overnight abstinence and the nicotinic partial agonist Varenicline

**Affiliation:** Schizophrenia Division, Complex Mental Illness, Centre for Addiction and Mental Health, Toronto and the Division of Brain and Therapeutics, Department of Psychiatry, University of Toronto, Toronto, Ontario, Canada

**Travel Award Recipients:**

Iris Balodis  
Kristen R. Hamilton  
Andrew Littlefield  
Maartje Luijten  
Marci Mitchell  
Lianne Schmaal  
Stephanie E. Tedford  
Victoria C. Wing

**Meeting Location**

Hilton Union Square San Francisco  
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