

9th Annual Scientific Meeting of the International Society for Research on Impulsivity

May 15, 2013

San Francisco, CA, USA

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

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