

Aging, Motivation and Addiction

*Washington Marriott
Washington, DC
October 5-6, 2009*

AGENDA

DAY ONE

- 8:30 – 9:00 a.m. Registration**
- 9:00 – 9:15 a.m. Welcome and Introductory Remarks**
Nora Volkow, M.D.
Director
National Institute on Drug Abuse
- 9:15 – 9:30 a.m. Charge to the Workshop**
Lis Nielsen, Ph.D.
National Institute on Aging
- James Bjork, Ph.D.*
National Institute on Drug Abuse

SESSION ONE

Changes in Cognition, Emotion and Motivation with Addiction and Aging 9:30 a.m. – 12:30 p.m.

- 9:30 – 10:05 a.m. Emotional Influences on Cognitive Brain Functions**
Kevin LaBar, Ph.D.
Duke University
- 10:05 – 10:40 a.m. Effects of Motivation and Aging on Cognitive Control**
Todd Braver, Ph.D.
Washington University, St. Louis
- 10:40 – 10:50 a.m. Break**

10:50 – 11:25 a.m. **Cognitive, Emotional and Motivational Changes in Alcoholism and Aging**
Marlene Oscar-Berman, Ph.D.
Boston University School of Medicine

11:25 a.m. – **The Effects of Aging on Inhibitory Control**
12:00 p.m. *Lynn Hasher, Ph.D.*
University of Toronto

12:00 – 12:30 p.m. **Discussion**
James Bjork, Ph.D.
National Institute on Drug Abuse

12:30 – 2:00 p.m. *Lunch on Your Own*

SESSION TWO

Decision Making in Addiction and Aging **2:00 – 5:00 p.m.**

2:00 – 2:35 p.m. **Cognition in Drug Abuse: Implications for Decision-Making**
Carl Hart, Ph.D.
Columbia University

2:35 – 3:10 p.m. **Impulsivity as a Determinant and Consequence of Drug Use: A Review of Underlying Processes**
Harriet de Wit, Ph.D.
University of Chicago

3:10 – 3:20 p.m. *Break*

3:20 – 3:55 p.m. **Dopamine, Reward Processing and Decision Making in Aging**
Michael Frank, Ph.D.
Brown University

3:55 – 4:30 p.m. **Brain Signatures of Deficient Error-Monitoring in Drug Abuse**
Hugh Garavan, Ph.D.
Trinity College Dublin

4:30 – 5:00 p.m. **Discussion**
Margaret Haney, Ph.D.
Columbia University

5:00 p.m. *Adjournment*

DAY TWO

SESSION THREE

Future Directions:

Applying Emotion and Motivation Findings to Aging and Addictions Treatment Policy 9:00 a.m. – 12:15 p.m.

- 9:00 – 9:35 a.m.** **The Positivity Effect: Older Adults Favor Positive Over Negative Information in Attention and Memory**
Laura Carstensen, Ph.D.
Stanford University
- 9:35 – 10:10 a.m.** **Neurobiology of Basic Decision Making in Health, Addiction, and Aging**
Antonio Rangel, Ph.D.
California Institute of Technology
- 10:10 – 10:20 a.m.** **Break**
- 10:20 – 10:55 a.m.** **Applying Decision Neuroscience to Policy**
Elke Weber, Ph.D.
Columbia University
- 10:55 – 11:30 a.m.** **Age and Drugs – Dynamic Alterations of Interoception: Some Evidence from Neuroimaging**
Martin Paulus, M.D.
University of California, San Diego
- 11:30 a.m. –
12:00 p.m.** **Discussion**
Lis Nielsen, Ph.D.
National Institute on Aging
- 12:00 – 12:15 p.m.** **National Institute on Aging Perspective and Concluding Remarks**
Marie Bernard, M.D.
Deputy Director
National Institute on Aging
- 12:15 p.m.** **Adjournment**