

**29th ANNUAL
Mortimer D. Sackler, M.D.
WINTER CONFERENCE on
Developmental Psychobiology
January 5th-8th, 2014**

EL PRESIDENTE COZUMEL RESORT
Cozumel, Mexico



Organizers

William Fifer, Columbia University & New York State Psychiatric Institute
Gordon Barr, Children's Hospital of Philadelphia & University of Pennsylvania

Support for this conference provided by:

The Sackler Institute of Columbia University in honor of Mortimer D. Sackler, M.D.

We appreciate the continued generous support of the Sackler Family

Steering Committee

Mark Ansorge

Katharina Braun

BJ Casey

Regina Sullivan

Schedule of Events

Sunday, January 5, 2014

6:30 PM – 8:00 PM

Reception: Informal Opportunity to Greet and Meet

Monday, January 6, 2014

8:30-10:30 AM

“Your Brain on Adolescence: Why would the brain be programmed this way?”

BJ Casey, Organizer

“Introductory Comments”

BJ Casey
Cornell University

“Fear learning and memory across adolescent development”

Francis Lee
Weill Cornell Medical College

“Attentional capture by emotional cues”

Jill Grose-Fifer
John Jay College, CUNY

“Ontogenetic changes in neural mechanisms underlying motivation and learning”

Adriana Galván
UCLA

4:30-6:30 PM

The Alan Epstein Symposium

Moderators: Gordon Barr and William Fifer

Favorite new research and/or methodologies: Five minute presentations

Meeting Banquet 7:00-10:00

Tuesday, January 7, 2014

8:30-10:30 AM

“Executive Functions: Working Memory and Inhibitory Control”

Katharina Braun and Megan Gunnar, Organizers

“Early adverse care and the development of attention and executive functions”

Megan Gunnar

University of Minnesota

“Early experience and the development of executive function”

Stephanie Carlson

University of Minnesota

“Neural development of non-human primates exposed to infant maltreatment: prefrontal cortex and related cognitive function”

Mar Sanchez

Emory University School of Medicine

4:30-6:30 PM

“A New and Dynamic View of Basal Ganglia Circuitry”

Christoph Kellendonk, Organizer

“Different inputs to the ventral tegmental area regulate reward and aversion”

Stephan Lammel

Stanford University School of Medicine

“Dopamine D2 receptors regulate the anatomical and functional balance of basal ganglia circuitry”

Christoph Kellendonk

Columbia University Medical Center

“Interactive dynamics of cortico-striatal circuits in reinforcement and motor learning”

Michael J. Frank

Brown University

Wednesday, January 8, 2014

8:30-11:00 AM

“Development of Perception, Action, and Language in Infants”

Karen Adolph, Organizer

"Go with the flow: The development of brain dynamics to complex multi-sensory streams"

Rick Gilmore

Pennsylvania State University

"Development of visual-motor integration in macaques"

Lynne Kiorpes

New York University

"Early word learning and children's developing attention to the social world"

Michael C. Frank

Stanford University

"Crawling, walking, looking, talking"

Karen Adolph

New York University

4:30-6:30 PM

**“Recombinant Inbred Strains and Heritability of
Brain and Behavioral Phenotypes”**

Pat Levitt, Organizer

"Going from phenotype to a gene for brain and behavioral traits"

Dan Goldowitz

University of British Columbia

"Understanding heterogeneity in social behavior using factor analysis and QTL mapping in BXD mouse strains"

Allison Knoll

Children's Hospital, Los Angeles

"It pays to network: Multidimensional profiling of serotonin signaling pathways using RI mouse strains"

Randy Blakely

Vanderbilt University Medical School

Pat Levitt-Discussant

Keck School of Medicine, University of Southern California

Farewell Gathering: 6:45-7:45 PM