

**30th Annual
MORTIMER D. SACKLER WINTER
CONFERENCE
*In Developmental Psychobiology***

January 4th-7th, 2015

The Sands at Grace Bay
Providenciales, Turks & Caicos Islands



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 4, 2015

6:00 PM – 7:30 PM

Reception: Informal Opportunity to Meet and Greet

Monday, January 5, 2015

8:45-10:45 AM

“Circuits to Behavior”

BJ Casey, Organizer
Weill Cornell Medical Center

“Optical investigation of intact neurobiological systems”

Karl Deisseroth
Stanford University

“A circuit mechanism for differentiating positive and negative associations”

Kay Tye
MIT

“Myelin plasticity in health and disease”

Michelle Monje
Stanford University

4:00-6:30 PM

The Alan Epstein Symposium

Moderators: William Fifer and Gordon Barr

Favorite new research and/or methodologies: Five minute presentations

Meeting Banquet 7:00-10:00 PM

Tuesday, January 6, 2015

8:45-10:45 AM

“Plasticity of Neural Circuits”

Gordon Barr, Organizer
CHOP and University of Pennsylvania

“Hippocampal neurogenesis: impact on mood and cognition”

Rene Hen
Columbia University and NYSPI

“Early life stress accelerates hippocampal circuit maturation: implications for sex differences in development of affective pathology”

Kevin Bath
Brown University

“Stress effects on prefrontal cortical circuit development during adolescence”

Conor Liston
Weill Cornell Medical Center

4:00-6:30 PM

**“The Emergence of the Resting State Brain Activity
and the Stream of Consciousness”**

Hugo Lagercrantz, Organizer
Karolinska Institute

“Introductory comments”

Hugo Lagercrantz

“Slow cortical potentials, metabolism and consciousness”

Marcus Raichle
Washington University

“Making of the brain – nature and nurture”

Petra Hüppi
University of Geneva

“The preterm brain”

Ulrika Ådén
Karolinska Institute

“Making of the mind”

Hugo Lagercrantz

Free Night – Dinner and Socializing on your own

Wednesday, January 7, 2015

8:45-10:45 AM

“Taste, Eating and Weight Regulation”

Susie Swithers, Organizer
Purdue University

“Taste in the modern food environment”

Dana Small
Yale University

“Not-so-sweet revenge: Tastes, calories and metabolic outcomes”
Susie Swithers

“The genetic diathesis of eating disorders: Critical roles for puberty and ovarian hormones”
Kelly Klump
Michigan State University

4:00-6:30 PM

“Neurobiological Markers of Social Complexity and Social Adversity?”

Frances Champagne, Organizer
Columbia University

“Introductory comments”
Frances Champagne

“Socioeconomic disparities in child neurocognitive development”
Kimberly Noble
Columbia University

“Human amygdala-prefrontal cortex development and the role of caregiving”
Nim Tottenham
Weil Cornell Medical Center

“The neurobiology of social hierarchies”
James Curley
Columbia University

“Epigenetic consequences of the social environment”
Frances Champagne

Farewell Gathering: 6:45-7:45 PM