

**28th Annual
WINTER CONFERENCE
*In Developmental Psychobiology***

January 6th-9th, 2013



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:
The Sackler Institute of Columbia University in honor of
Mortimer D. Sackler, M.D.
We appreciate the continued generous support of the Sackler Family*

Schedule of Events

Sunday, January 6, 2013

6:30 PM – 8:00 PM

Reception: Informal Opportunity to Greet and Meet

Monday, January 7, 2013

8:30-10:30 AM

“Impact of Stress and Adversity”

Nathan Fox, Organizer
University of Maryland

*A Neurogenetic Approach To Understanding The Impact Of Early Adversity: Potential
And Pitfalls*

Stacy Drury
Tulane University School of Medicine

The Neurobiological Consequences Of Early Human Deprivation

Charles Nelson
Boston Children’s Hospital, Harvard University

Recovery From Severe Deprivation: Social And Emotional Development

Charles Zeanah and Nathan Fox
Tulane University School of Medicine
University of Maryland

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 8, 2013

8:30-10:30 AM

“Development of Perception and Communication”

Donald Wilson, Organizer
New York University School of Medicine
Nathan Kline Institute

Growing Preference For Sweet And Salt And Rejection Of All That Tastes Bitter

Julie Mennella
Monell Chemical Senses Center

Age-Dependent Influence Of Auditory Experience On Perceptual Skills

Dan Sanes
New York University

A Perceptual-Learning Deficit In Adults With Reading Disorders Interpreted As Evidence Of A Developmental Delay

Beverly Wright
Northwestern University

4:00-6:30 PM

“Is hypersynchronous brain activity merely a biomarker or does it alter outcome after brain injury”

Kevin Staley, Organizer

Neonatal Hypoxic Ischemic Encephalopathy: A Developmental Continuum

Robert Darnall
Geisel School of Medicine at Dartmouth

New EEG Techniques Illuminate Neonatal Hypoxic Ischemic Brain Injury

Edward Dudek
University of Utah, School of Medicine

Brain Activity Patterns During Normal Development & Following Preterm Injury

Patrick McQuillen
University of California, San Francisco

Does Seizure Activity Alter Epilepsy After Brain Injury?

Kevin Staley
Massachusetts General Hospital for Children, Harvard University

Reception 6:45-7:45

Wednesday, January 9, 2013

8:30-11:00 AM

“From Synapses to Circuits”

William Fifer, Organizer

Synapse Organization: From Molecules To Behavior

Thomas Biederer

Yale University

Cortical circuit development and plasticity in neurodevelopmental disorders

Michela Fagiolini

Boston Children’s Hospital, Harvard University

White Matter Development And Regeneration After Neonatal Injury

Vittorio Gallo

Children’s National Medical Center, George Washington University

Automated, Circuit-Based Diagnoses Of Neuropsychiatric Disorders Using Anatomical MR

Bradley Peterson

Columbia University

4:30-6:30 PM

“Plasticity”

Pat Levitt and William Fifer, Organizers

USC, Columbia University

Biological Basis Of Critical Period Plasticity

Takao Hensch

Boston Children’s Hospital, Harvard University

Maturation Of Frontal Cortex In Mice

Linda Wilbrecht

University of California, San Francisco

Mechanisms Underlying Long-Term Memory Formation In Adult And Developing Rats

Cristina Alberini

New York University

Farewell Gathering: 6:45-7:45 PM