

**28<sup>th</sup> Annual**  
**MORTIMER D. SACKLER WINTER CONFERENCE**  
***In Developmental Psychobiology***

**January 6<sup>th</sup>-9<sup>th</sup>, 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**

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## 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

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4:30-6:30 PM

The Alan Epstein Symposium

***Moderators: Gordon Barr and William Fifer***

Favorite new research and/or methodologies: Five minute presentations

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***Meeting Banquet 7:00-10:00***

**Tuesday, January 8, 2013**

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**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

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**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

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**Reception 6:45-7:45**

**Wednesday, January 9, 2013**

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**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

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**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

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***Farewell Gathering: 6:45-7:45 PM***