

**27th ANNUAL
Winter Conference in
*Developmental Psychobiology***

January 4th-7th, 2012



JW Marriott Ihilani Resort and Spa
Ko Olina O'ahu, Hawaii

Organizers

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

Organizing Committee: Mark Ansorge, BJ Casey, Harlene Hayne, Regina Sullivan

In honor of the late Mortimer D. Sackler, M.D. and his family's generous support of research in developmental psychobiology

Schedule of Events

Wednesday, January 4, 2012

6:30 PM – 8:00 PM

Reception: Informal Opportunity to Greet and Meet

Thursday, January 5, 2012

8:30-11:00 AM

“The Development and Functions of the Mirror Neuron System”

Nathan Fox, Organizer
University of Maryland

“Mirror neurons in monkeys: implications for understanding social behavior and cognitive development”

Pier Ferrari
University of Parma

“Mirroring and the development of intention understanding”

Amanda Woodward
University of Chicago

“Mu rhythm suppression and its relation to action-observation”

Nathan Fox
University of Maryland

4:30-6:30 PM

The Alan Epstein Symposium

Moderators: Gordon Barr and Bill Fifer

Favorite new research and/or methodologies: Five minute presentations

Meeting Banquet 7:00-10:00??

Friday, January 6, 2012

8:30-10:30 AM

“Memory: From Mollusks to Man”

Gordon Barr, Organizer
Children’s Hospital of Philadelphia

“Transfer of learning during Infancy: Learning from multiple sources”

Rachel Barr
Georgetown University

"Erasing molluscan memories"

David Glanzman
UCLA

” Storage of long-term memory by PKMzeta”

Todd Sacktor
SUNY- Downstate College of Medicine

4:30-6:30 AM

“Attention and Brain Development”

Dima Amso, Organizer
Brown University

“Attention & memory interactions across development”

Julie Markant and Dima Amso
Brown University

"Early development of cortical networks in human infants"

Gentaro Taga
University of Tokyo

“Infant attention to "realistic" video”

John Richards
University of South Carolina

Saturday, January 7, 2012

8:30:00-10:45 AM

“Functionally Dissecting Hippocampal and Serotonergic Circuitry Using Pharmacogenetic and Optogenetic Approaches”

**Mark Ansorge, Organizer
Columbia University and New York State Psychiatric Institute**

”Serotonergic modulation of hippocampal function via specific interneuron types: new insight into circuitry controlling cognition and affect”

**Tamas Freund
Institute of Experimental Medicine, Hungarian Academy of Sciences**

”Decoding the mouse serotonergic system using intersectional genetics and selective in vivo silencing”

**Susan Dymecki
Harvard Medical School**

”Adult hippocampal neurogenesis: Ongoing neuro-developmental processes in a conserved niche influence circuit plasticity and behavior.”

**Mazen Kheirbek
Columbia University**

” (More) Developmental considerations”
Mark Ansorge

4:30-6:30 PM

"Sleep"

**William Fifer, Organizer
Columbia University and New York State Psychiatric Institute**

“Brain structure and function underlying disordered cardiovascular and breathing regulation in developing children”

**Ron Harper
UCLA**

”Pediatric sleep disruption: what's inflammation got to do with it?”

**Louise O'Brien
University of Michigan School of Medicine**

”Behavioural and neurocognitive effects of sleep disordered breathing in children - is it a matter of time?”

**Rosemary Horne
University of Monash**

Farewell Gathering: 6:45-7:45 PM