Epigenetics of the pathogenesis of language and speech impairments:
Biological systems and behavioral development
December 8 – 10, 2010, Tempe Mission Palms, Phoenix, AZ

Conference Agenda
Supported by the Merrill Advanced Studies Center, the Oregon Health and Science University, and the University of Kansas Medical Center

Wednesday, December 8, 2010

6:00-7:00 Reception
7:00 Dinner
8:00 Introductory Session: Welcome and remarks
Mabel Rice, Director, Merrill Advanced Studies Center
9:00 Social Hour

Thursday, December 9, 2010

7:00-8:00 Breakfast
8:00-8:30 Group photo, Courtyard
8:30-9:15 Mabel Rice, Director, Merrill Advanced Studies Center, University of Kansas
“Toward epigenetic models of the pathogenesis of language impairment: Growth phenotypes as windows to timing mechanisms”
9:15-10:00 Moshe Szyf, Professor, Pharmacology & Therapeutics, McGill University
“Epigenetic mechanisms mediating the impact of the early environment on behavior”
10:00-10:30 Discussion – Joan Hunt, Moderator
10:30-10:45 Break
10:45-11:30 Matthias Groszer, INSERM, Université Pierre et Marie Curie
“Monogenetic neurodevelopmental disorders – molecular windows into complex neuropsychiatric syndromes”
11:30-12:00 Discussion – Peggy McCardle, Moderator
12:00-1:00 Lunch
1:00-1:45 Frank Bloomfield, Associate Professor of Neonatology, University of Auckland
“Periconceptional influences on fetal growth and postnatal development”
1:45-2:15 John Niparko, George T. Nager Professor of Otolaryngology-Head & Neck Surgery, Division of Otolaryngology, Neurotology and Skull Base Surgery at Johns Hopkins. Director, The Listening Center at Johns Hopkins
“Spoken Language Development after Cochlear Implantation”
2:15-2:45 Discussion – George Siberry, Moderator
2:45-3:00 Break
3:00-3:45 David Poeppel, Professor of Psychology and Neural Science, NYU. Director, Center for Language, Speech, and Hearing
“The architecture of speech perception”
3:45-4:15  John Gilmore, Thad & Alice Eure Distinguished Professor; Vice Chair for Research & Scientific Affairs, Department of Psychiatry, University of North Carolina at Chapel Hill
“Imaging Brain Development in the First Years of Life: Implications for Language Development”

4:15-4:45  Discussion – Lisa Freund, Moderator

4:45-5:00  Break

5:00-5:45  Helen Tager-Flusberg, Professor of Psychology at Boston University, Professor of Anatomy & Neurobiology and Pediatrics at Boston University School of Medicine, Director of the Developmental Science program and the Laboratory of Developmental Cognitive Neuroscience
“The origins and early development of language in autism spectrum disorder”

5:45-6:00  Discussion – Judith Cooper, Moderator

7:30  Dinner - House of Tricks

Friday, December 10, 2010

7:00-8:00  Breakfast

8:15-9:00  Dennis Drayna, NIDCD
“Genetic Approaches to Understanding the Causes of Stuttering”

9:00-9:45  Shelley Smith, Professor of Pediatrics, College of Medicine, Professor and Chair of Developmental Neuroscience, Munroe Meyer Institute for Genetics and Rehabilitation at the University of Nebraska Medical Center
“Approaches to epigenetic analysis in language disorders”

9:45-10:15  Discussion – John Colombo, Moderator

10:15-10:30  Break

10:30-11:15  Silvia Paracchini, Senior post-doctoral fellow, Anthony Monaco’s group at the University of Oxford
“An epidemiological approach to dissect reading and language disorders and their comorbidity”

11:15-12:00  Summary Discussion
Mabel Rice, University of Kansas

12:00-1:00  Lunch and Departure