
Final Program Addendum Forty Third Annual Meeting International Neuropsychological Society

February 4-7, 2015
Denver, Colorado, USA

MAJOR PROGRAM CHANGES & AUTHOR REVISIONS

WEDNESDAY, FEBRUARY 4, 2015

CE Workshop 4:

Impact of Marijuana on the Developing Brain

Presenters: Deborah Yurgelun-Todd, Andrew Prescott, Erin McGlade

Drs. Prescott and McGlade were added after the program was finalized.

THURSDAY, FEBRUARY 5, 2015

Early Career Award:

INS Early Career Award Presentation—Brain, Behavior and Beyond: Tracing the Social Landscape of Pediatric TBI

INS Early Career Award Winner: Miriam H. Beauchamp

1. **BEAUCHAMP, MH** **Brain, Behavior and Beyond: Tracing the Social Landscape of Pediatric TBI**
Final Abstract: This abstract, which was presented at the 43rd Annual Meeting, was not included in the regular meeting proceedings. The final abstract is included below.

Abstract: Through a journey from toddlerhood to adolescence, this talk will provide a multimodal perspective of the impact of pediatric traumatic brain injury (TBI) on social functioning.

The emergence of socially meaningful interactions, better perspective taking, greater social independence and more complex societal roles and responsibilities are key milestones of social development. Brain disruptions occurring at any stage along this path can disturb the delicate balance of environmental, cerebral, and cognitive processes underlying social competence, leading to inappropriate social behaviors. However, our ability to foresee adverse social outcomes after pediatric TBI is challenged by the complexity of factors underlying socio-cognitive development and limitations in the tools used for detecting brain lesions and their associated sequelae. Using sensitive neuroimaging tools and drawing on a variety of ecological social assessment approaches has the potential to improve prognosis and the early identification of youth at-risk for engaging in socially maladaptive behaviors after pediatric TBI.

Correspondence: *Miriam H. Beauchamp, PhD, Psychology, University of Montreal, CP 6128 Succursale Centre-Ville, Montreal, QC H3C3J7, Canada. E-mail: miriam.beauchamp@umontreal.ca*

Mid-Career (Benton) Award:

INS Mid-Career (Arthur Benton) Award Presentation—A Glimpse Behind the Veil: Multimodal Assessment and Rehabilitation of Memory and Executive Functioning

INS Mid-Career (Arthur Benton) Award Winner: Brian Levine

1. **LEVINE, B** **A Glimpse Behind the Veil: Multimodal Assessment and Rehabilitation of Memory and Executive Functioning**
Final Abstract: This abstract, which was presented at the 43rd Annual Meeting on Thursday, February 5th at 3:15-4:15pm, was not included in the regular meeting proceedings. The final abstract is included below.

Abstract: In assessing human behavior, psychologists attempt to approximate the real life experiences and functional abilities of their subjects. This is perhaps most challenging for higher-order cognitive capacities, including memory and executive functions. Changes in these functions are central to society's most costly clinical disorders, such as the dementias, neuropsychiatric conditions, and traumatic brain injury. Improving assessment of such disorders requires an interdisciplinary approach combining cognitive sciences, neuropsychology, and multimodal neuroimaging. Autobiographical memory, or memory for events and facts from one's own life, can be dissociated from memory function as assessed by laboratory-based tests assessing learning and memory for words or pictures. Analysis of autobiographical memory function and dysfunction respects the distinction between episodic autobiographical memory, characterized by perceptual richness and a subjective sense of recollection, from semantic memory, or knowledge of factual information pertaining to oneself or the world. Using novel behavioral measures and neuroimaging methods, I will describe how these two types of autobiographical memory are differentially affected by neurological and psychiatric conditions. I will also describe how individual differences in healthy adults' orientation to the past (i.e., through episodic or semantic mnemonic styles), are reflected in measures of brain function and other non-mnemonic behaviors. Novel neuroimaging measures of

network function are well suited to characterize the diffuse lesion of traumatic brain injury, an issue that has received elevated public attention in relation to proposed linkages between dementia and remote traumatic brain injury, including sports concussion. Data from a sample of National Hockey League alumni will show how multimodal neuroimaging and comprehensive behavioral assessment can be used to assess age-related brain changes in individuals at elevated risk for neurodegenerative disease. Finally, I will describe application of a theory-based intervention for executive dysfunction, Goal Management Training® towards everyday functional deficits in patients with brain disease.

Correspondence: Brian Levine, PhD, Departments of Psychology and Neurology, The Rotman Research Institute - Baycrest, 3560 Bathurst Street, 938, Toronto, Ontario, M6A 2E1, Canada. E-mail: blevine@rotman-baycrest.on.ca

Poster Symposium:

Assessment of Physicians: From Prospective Screening to Rehabilitation

Chair: Kelly D. Garrett

This poster symposium was withdrawn and canceled in its entirety. The individual abstracts, with the exception listed below, were withdrawn by the authors after being accepted.

3. GARRETT, KD **Systematic Prospective Cognitive Screening Programs for Medical Staff**
Session Change: The above abstract from this poster symposium was resessioned and presented by Kelly Garrett as presentation #95 in Poster Session 4.

FRIDAY, FEBRUARY 6, 2015

Paper Session 5:

Alcohol-Related Dysfunction

1. RASKIN, S **Effect of Drinking Behavior on Cognitive Functions in College Students**
Author Revisions: S. Raskin, A. Benedetto, E. Aiken, A. Dager, H. Tennen, C.S. Austad, R.M. Wood, F. Aslanzadeh, S. Meda & G. Pearson. (Added Dager, Tennen, Austad, Wood, Aslanzadeh, Meda, and Pearson.)

Poster Session 5:

Imaging (Structural & Functional) & Psychopathology/Neuropsychiatry

19. PRICE, JS **Thalamo-cortico-thalamic Circuitry Differences in Emerging Adult Nicotine Users Seeking Treatment for Substance Dependence**
Author Revisions: J.S. Price, A.C. Janes, M. Chakravarty, R. Patel, S. Lukas & M. Copersino. (Added Patel.)

Poster Session 7:

Behavioral Neurology, Dementia (Subcortical), & Medical/Neurological Disorders-Adult

56. PERSAD, C **Relationship between depression and apathy post Deep Brain Stimulation Surgery in patients with Parkinson's disease**
Author Revisions: C. Persad, A. Wong, C. Herrst & E. Prince. (Added Wong.)

SATURDAY, FEBRUARY 7, 2015

Poster Session 9:

Assessment-Adult, Cognitive Intervention/Rehab, & Visuospatial/Neglect

93. BAUGHMAN, BC **I'm Pretty Sure I had a Stroke: A Case of Focal Posterior Hemispheric Dysfunction Overlooked as Non-Organic Pathology**
Author Revisions: B.C. Baughman, B. Brett, T. Arentsen & L. Wright. (Added Benjamin Brett; Removed B. Roper.)

Poster Session 10:

ADHD/Attention, Cancer, Language/Aphasia, Learning Disabilities/Academic, & Memory

69. FLORES, A **The Effects of Negative Mood and Rumination on Specificity of Autobiographical Memory**
Author Revisions: A. Flores, G. Gonzalez, S. Price, D. Ocampo, S. Flores, D. Calvallo, W. Schultz & R. Lajiness-O'Neill. (Added Gonzalez, Price, Ocampo, S. Flores, Calvallo, Schultz, & Lajiness-O'Neill.)

WITHDRAWN ABSTRACTS

The following abstracts were withdrawn by the authors after being accepted for presentation.

WEDNESDAY, FEBRUARY 4, 2015

Poster Session 1:

ABI-Adult & Emotional Processes

60. RAU, HK **Comorbid Pituitary Dysfunction and mTBI Characterized by Specific Weaknesses in Verbal Memory: Evidence from Combat Veterans with Repeated Blast-Related mTBI**

THURSDAY, FEBRUARY 5, 2015

Poster Session 2:

EF/Frontal, Forensic, & Malingering

92. SILK-EGLIT, G Use of the Impairment Index and Neuropsychological Deficit Scale as Indicators of Performance Validity
93. SILK-EGLIT, G Use of Abnormal Score and Overall Test Battery Mean Intra-Individual Variability Scores as Measures of Performance Validity

Poster Session 3:

Aging & Epilepsy

5. SOTO-AÑARI, M Inhibitory Control and Response Suppression as Latent Variables in Older Illiterate Bilinguals
64. MCNEELY, J Blood Glucose Mediates the Relationship between Cognitive Function and Sleep Quality in Middle-Aged Adults

Poster Symposium:

Assessment of Physicians: From Prospective Screening to Rehabilitation

1. GARRETT, KD Assessment of Physicians: From Prospective Screening to Rehabilitation
2. KORINEK, L Overview and Scope of Neuropsychological Performance Among Physicians of Advanced Age
4. PERRY, W Neuropsychological Assessment of Late Career Physicians
5. PERRY, W Professional Issues and Ethics for Neuropsychologists in Screening, Evaluation, and Rehabilitation of Physicians
6. GRACE, ES Signed, Sealed, and Delivered: What Referring Organizations Need in Neuropsychological Screening and Testing Reports on Aging and Other Physicians

FRIDAY, FEBRUARY 6, 2015

Poster Session 5:

Imaging (Structural & Functional) & Psychopathology/Neuropsychiatry

5. MALFAIT, D Children with Benign Epilepsy with Centro-temporal Spikes: an fMRI, Cognitive and Behavioral Study
9. TAKEDA, C Effects of order of task execution on Trail-Making Test performance
17. ZIMMERMANN, KM Connectivity of the bilateral FFA during eye gaze perception
20. HERHOLZ, P Lateralization Paradigms in fMRI Studies – Robustness and Reliability

Poster Session 6:

Assessment-Child, Dementia (AD), & Medical/Neurological Disorders-Child

44. ELIASSEN, CF Hippocampal subfield atrophy in multi-domain, but not in amnesic mild cognitive impairment

SATURDAY, FEBRUARY 7, 2015

Poster Session 8:

ABI-Child, Autism, Cognitive Neuroscience, & Electrophysiology/EEG

34. ADACHI, S Language Development in School-aged Children with Pervasive Developmental Disorders: Examining Relationships among Syntactic, Vocabulary, and Speech Abilities

Poster Session 10:

ADHD/Attention, Cancer, Language/Aphasia, Learning Disabilities/Academic, & Memory

39. SADIGHI, ZS Effect of Seizure Morbidity on Neurocognitive Outcome, Quality of Life, and Social Attainment in Adult Survivors of Childhood Central Nervous System (CNS) and Non-CNS Cancers