



Grand Plenary Speakers

2014 Grand Plenary Wednesday 8:00 am - 10:30 am

Featuring the following guest lecturers!



CNS Richardson Lecture

Associate Professor Dept. of Neurology & Neurosurgery Montreal Neurological Institute

Lesley Fellows

Lesley Fellows is Associate Professor in the Dept of Neurology and Neurosurgery at McGill University, and attending staff neurologist at the Montreal Neurological Hospital. She completed her D.Phil. in Physiology at the University of Oxford as a Rhodes Scholar, and her MD and Neurology residency at McGill. She trained in cognitive neuroscience as a post-doctoral fellow working with Martha Farah at the University of Pennsylvania.

She joined McGill and the MNI in 2004 as a clinician-scientist, committing 20% of her time to clinical neurology with a sub-specialty focus in cognitive-behavioural neurology.

Her CIHR- and NIH-funded work to date has helped to define the component processes of decision-making, and to establish the necessary contributions of orbitofrontal and medial prefrontal cortex to these processes. This research addresses some of the mechanisms by which 'emotion' and 'reason' are related in the human brain.

In addition to these activities, Dr Fellows teaches at every level, from undergraduate Arts & Science to post-graduate Medicine. She is a past Director of McGill's MD-PhD program, and has been very involved in Neurology residency training. She has a particular interest in encouraging the development and training of clinician-scientists. Most recently, she served a 3-year term as Interim Chair of the Department of Neurology & Neurosurgery.



CACN Tibbles Lecture

Professor of Neurology, Director of Pediatric Sleep Medicine Services, and Associate Medical Director of the UNM Clinical Neurophysiology Laboratory, University of New Mexico School of Medicine, Albuquerque,

Madeleine Grigg-Damberger

New Mexico, US

Madeleine Grigg-Damberger, MD is a Professor of Neurology, University of New Mexico School of Medicine, Albuquerque, New Mexico. She is Medical Director of Pediatric Sleep Medicine Services at the University Hospital Sleep Disorders Center, Associate Director of the University of New Mexico Clinical Neurophysiology Laboratory and Medical Director of the Clinical Neuroscience Center.

She received her medical degree from Loyola University Chicago Stritch School of Medicine 1978, did an internal medicine internship at Cook County (1978-1979), residency training in neurology at Boston University (1979-1982), and post-doctoral fellowship in EEG, Clinical Epilepsy, and Evoked Potentials, at the Children's Hospital Medical Center, Seizure Unit, Harvard Medical School, Boston, Massachusetts, 1982-1983.

She is boarded by the American Board of Psychiatry and Neurology in Neurology, Sleep Medicine, Clinical Neurophysiology and Epilepsy. She helped develop the ABMS Sleep Medicine examination, served on committees to develop the AASM Sleep Scoring criteria for adults and children to criteria for polysomnography in children. She is often invited to lecture and organize national (and even international) courses in sleep medicine. She edits and writes about the relationships between sleep, epilepsy, movement disorders, and cognition from the very young to the oldest old.



Daniel Lowenstein

CSCN Gloor Lecture

Professor and Vice Chairman in the Department of Neurology at the University of California, San Francisco

Daniel H. Lowenstein, M.D. is Vice-Chairman and Professor of Neurology, Director of the UCSF Epilepsy Center, Director of Physician-Scientist Education and Training, and Associate Dean of Clinical and Translational Science at UCSF.

Dr. Lowenstein graduated from the University of Colorado with a degree in mathematics, and received his M.D. at Harvard Medical School. He then did his residency in neurology at UCSF and a 2-year molecular biology fellowship in Stanley Prusiner's laboratory, and went on to become the Robert B. and Ellinor Aird Professor of Neurology and established the Epilepsy Research Laboratory at UCSF. After serving as Dean for Medical Education at Harvard from 2000-2002, he returned to the Bay Area to renew his academic work at UCSF.

Dr Lowenstein is a clinician-scientist who has studied both basic science and clinical aspects of epilepsy. Dr Lowenstein's laboratory studies have examined the fundamental basis of neuronal network remodeling that occur during epileptogenesis, with a particular focus on the parallels between injury-induced remodeling and the molecular and cellular mechanisms underlying normal brain development. His clinical research includes studies on the management and treatment of patients with status epilepticus, and he was the principal investigator for two prospective, multicenter clinical trials sponsored by the NIH examining the

potential benefits of active treatment for patients with status epilepticus in the prehospital setting. In the last ten years, he has been a principal organizer of large-scale, international efforts to study the complex genetics of epilepsy.

CNSS Penfield Lecture



Julian Bailes

Chairman of the Department of Neurosurgery and Co-Director of the NorthShore Neurological Institute

Julian E. Bailes, MD, assumed the position of Chairman of the Department of Neurosurgery at NorthShore University HealthSystem and Co-Director of the NorthShore Neurological Institute in fall 2011. He is also Clinical Professor of Neurosurgery at the University of Chicago Pritzker School of Medicine.

Dr. Bailes' has interests and expertise in the diagnosis and surgical management of several neurological diseases, including the impact of traumatic brain injury (TBI) on brain function and recovery. He has worked in advancing the understanding of the clinical evidence of TBI, including chronic traumatic encephalopathy (CTE), a progressive degenerative disease found in some individuals who have been subjected to multiple concussions and subconcussive impacts. His laboratory research has focused upon mechanisms of injury and treatment of cerebral concussions. Dr. Bailes is a founding member and director of the Brain Injury Research Institute, which focuses on the study of brain injuries and their prevention. For 24 years he has been a sideline physician at either the NFL or NCAA levels.

Since 1994, he has been a neurological consultant to the NFL Players' Association, which has supported research on the effects of head injuries on professional athletes. He is the Medical Director of the Center for Study of Retired Athletes based at the University of North Carolina, Chapel Hill. He has been an advisor to the NCAA and also is the Medical Director for Pop Warner Football, the largest youth sports association in the U.S. He is a member of the board of the National Sports Concussion Coalition.