

Grand Plenary Guest Speakers

**Thursday, June 7
8:30-10:45
Level 3, Canada Hall 2**

Dr. Hunt Batjer is the Michael J. Marchese Professor and Chair of the Department of Neurological Surgery at Northwestern University Feinberg School of Medicine and Chair of the Department of Neurological Surgery at Northwestern Memorial Hospital in Chicago. Dr. Batjer is recognized internationally as a leading cerebrovascular surgeon.



Dr. Hunt Batjer
Penfield Lecturer

Dr. Batjer, who joined Northwestern in 1995, is a past-President of the Congress of Neurological Surgeons and the Society of University Neurosurgeons. He is past-Chairman of the American Association of Neurological Surgeons/Congress of Neurological Surgeons Section on Cerebrovascular Disease. He is an elected member of the American Academy of Neurological Surgery, The Society of Neurological Surgery, and the American Surgical Association. He is past Chairman of the American Board of Neurological Surgery and Chairman of the Board of the Interurban Neurological Society. He has been nominated as President-Elect of the Neurosurgical Society of America, he has also been nominated for a position as Director-at-Large with the American Association of Neurological Surgeons, and is Chair of the Neurosurgical Residency Review Committee of the ACGME, and co-Chair NFL Committee on Head, Neck, and Spine Injuries.

Dr. Batjer came to Northwestern from the University of Texas Southwestern Medical Center at Dallas where he was Professor of Neurological Surgery and was twice voted outstanding teacher.

His academic pursuits and research in ischemic and hemorrhagic stroke have resulted in over 300 publications as well as 5 books, 20 Endowed Lectureships, and 50 Visiting Professorships.



Dr. Alain Dagher
Richardson Lecturer

Dr. Dagher received his MD from the University of Toronto in 1989. He completed a residency in neurology at McGill University and a fellowship in movement disorders and brain imaging at the Hammersmith Hospital.

He has been an attending neurologist at the Montreal Neurological Institute since 1997. His clinical specialty is movement disorders, with a focus on Parkinson's Disease. His main research interest is functional brain imaging using fMRI and PET scanning to understand the function of the basal ganglia, frontal lobes and dopamine in motivated behaviors. This research has touched on the cognitive deficits in Parkinson's Disease, stress and anxiety, schizophrenia, drug addiction, obesity, and pathological gambling and other behavioral addictions.

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Dr. Hirsch completed medical school and internship at Yale University. He was resident and chief resident of Neurology at the Neurological Institute of New York 1992-5 where he also completed a two-year fellowship in Epilepsy/EEG 1995-7. He was Director of the Columbia University General Neurology clinic from 1998-2001, and Director of the Epilepsy Clinic from 1997-2002. He remained at Columbia on the faculty from 1997-2011. He created and directed the Continuous EEG Monitoring Program at New York-Presbyterian Hospital/Columbia University Medical Center for 10 years, and became Professor of Clinical Neurology at Columbia University in 2010. He moved to Yale University in 2011 as Professor of Neurology, Director of Epilepsy/EEG and co-Director (with Dennis Spencer) of the Yale Comprehensive Epilepsy Center.

His interests and publications are on topics including brain monitoring in the critically ill, status epilepticus, epilepsy surgery, effectiveness and tolerability of antiepileptic drugs, brain stimulation for epilepsy, and sudden death in epilepsy. He is on the editorial board for the Journal of Clinical Neurophysiology and is the prior chair of the professional advisory board for the Epilepsy Society of Southern New York. Prior positions include founder and chair of the American Clinical Neurophysiology Society's Critical Care EEG Monitoring Committee, and chair of the American Epilepsy Society Student and Resident Education Committee. Dr. Hirsch has directed symposia and lectured at many national and international epilepsy and neurology meetings. He has won multiple teaching awards, and is co-author of the only existing Atlas of EEG in Critical Care.



Dr. Lawrence Hirsch
Gloor Lecturer

Training in Adult and Child Neurology. PhD thesis on MRI and MRS of myelination and myelin disorders, 1991 (cum laude). Since 1999 professor of Child Neurology, VU University Medical Center, Amsterdam. Co-author of the book: Van der Knaap MS, Valk J. Magnetic resonance of myelination and myelin disorders. 1st, 2nd and 3rd edition. Springer, Berlin, 1989, 1995 and 2005. Co-author of many papers in international scientific journals.

Her central research focus is on leukoencephalopathies, especially unclassified leukoencephalopathies. She developed an MRI pattern recognition system for leukoencephalopathies in general. She defined several novel leukoencephalopathies, using MRI criteria. Her research group has identified the genes for several of these disorders, including vanishing white matter.

She received the gold medal of the International Society of Magnetic Resonance in Medicine (1999) and the Winkler medal of the Dutch Society of Neurology (2000). She gave the Ronald McKeith lecture for the British Paediatric Neurology Association (2001). She received honorary membership of the American Society of Neuroradiology (2001) and the Prichard award of the International Child Neurological Association (2002). She was the Michael J. Bresnan visiting professor of Neurology, Children's Hospital Boston, Harvard Medical School, Boston (2007). She received the Sidney Carter Award of the American Academy of Neurology (2008) and the Spinoza prize for research in The Netherlands (2008, € 1 500 000). She was elected a member of the Dutch Royal Academy of Arts and Sciences (2010).



Dr. Marjo van der Knaap
Tibbles Lecturer