



Joel S. Perlmutter, MD is a Professor in the Departments of Neurology, Radiology, and Anatomy & Neurobiology, and Head of the Movement Disorders Section. He also is Director of the American Parkinson Disease Association Advanced Research Center for Parkinson Disease and Director of the Huntington Disease Center of Excellence at Washington University in St. Louis.

Dr. Perlmutter received his AB in Biochemistry in 1975 from Princeton University, and his MD from the University of Missouri, Columbia in 1979. Following an internship in internal medicine at the University of Missouri, he completed in 1983 his residency training in Neurology at Washington University School of Medicine. He served for a short time as a visiting Research Registrar in Neurology at the Institute of Psychiatry at King's College Hospital in London, England before being appointed Assistant Professor of Neurology and Radiology at Washington University in 1985. Dr.

Perlmutter was promoted to Associate Professor of Neurology and Radiology in 1990. Dr. Perlmutter is a member of the American Academy of Neurology, the International Society of Cerebral Blood Flow & Metabolism and the Parkinson's Study Group, the Huntington's Study Group, the Dystonia Study Group and is a Fellow of the American Neurological Association. He serves as Director of Medical Advisory Committee of the Missouri Chapter of the Dystonia Medical Research Foundation, as Medical Director of the Parkinson's Disease Information and Referral Center, and as a member of the advisory board of the the St. Louis Chapter of the American Parkinson's Disease Association.

In 1992 and 1998, Dr. Perlmutter won the Eliasson Award for Outstanding Professor of Neurology, and in 1998 he won the Outstanding Young Alumni Physician's Award from the University of MO-Columbia.

Dr. Perlmutter's main research interests include neuroimaging, basal ganglia physiology and pharmacology, mechanisms of deep brain stimulation, pathophysiology of dystonia, development of new agents to reduce nigrostriatal injury and electronic medical records systems.

Representative Publications:

Perlmutter JS, Mink JW. Deep brain stimulation. *Annu Rev Neurosci* 2006;29:229-57.

Hershey T, Revilla FJ, Wernle A, Gibson PS, Dowling JL, **Perlmutter JS**. Stimulation of STN impairs aspects of cognitive control in PD. *Neurology* 2004 Apr 13;62(7):1110-4.

Tabbal SD, Mink JW, Antenor JA, Carl JL, Moerlein SM, **Perlmutter JS**. 1-Methyl-4-phenyl-1, 2, 3, 6-tetrahydropyridine-induced acute transient dystonia in monkeys associated with low striatal dopamine. *Neuroscience* 2006 Sep 1;141(3):1281-7.

Ushe M, Mink JW, Tabbal SD, Hong M, Schneider Gibson P, Rich KM, Lyons KE, Pahwa R, **Perlmutter JS**. Postural tremor suppression is dependent on thalamic stimulation frequency. *Mov Disord* 2006 Aug;21(8):1290-2.

Weiss EM, Hershey T, Karimi M, Racette B, Tabbal SD, Mink JW, Paniello RC, **Perlmutter JS**. Relative risk of spread of symptoms among the focal onset primary dystonias. *Mov Disord* 2006 Aug;21(8):1175-81.

