

Mandar S. Jog, MD, FRCPC

Mandar S. Jog, MD, FRCPC, is the Director of the National Parkinson Foundation Centre of Excellence in Parkinson Disease and Movement Disorders Program at London Health Sciences Centre and a Professor of Neurology at Western University, both in London, Ontario, Canada. He is also one of the Associate Directors of the Lawson Health Research Institute.

He trained in Neurology in Toronto and completed a fellowship in movement disorders with Dr. Anthony Lang. This was followed by a 4-year post-doctoral fellowship in Computational Neuroscience at the Massachusetts Institute of Technology (MIT) in Boston, Massachusetts, under Dr. Ann Graybiel and a visiting professorship at Stanford Research Institute (SRI Inc.) in California.

In addition to a large clinical practice Dr. Jog supervises many masters, PhD and post-doctoral research and clinical fellows in his laboratory. With 6 patents and 4 provisional patents for innovative technology he is the co-founder of Medtronic Inc. and founder of ManJog Enterprises Limited and MDDT Inc. Dr. Jog's research attempts to probe the structure and function of the basal ganglia and their role in movement disorders. His research projects on which he has published more than 300 papers and given over 200 national and international presentations focus on:

- Technology for the assessment and treatment of movement disorders
- Speech, gait, balance, and posture and planning
- Virtual reality based navigation in disorders of motor control
- High resolution magnetic resonance imaging
- Animal models and electrophysiology of the basal ganglia
- Human intraoperative electrophysiological recording
- Computational and mathematical modeling of information processing in the brain

Dr. Jog travels internationally to conduct workshops and courses, along with many speaking engagements. Dr. Jog has also published two books including one on the mathematical basis of information processing in the brain. In addition, Dr. Jog participates in many national and international clinical trials for new treatments for movement disorders.

Dr. Jog was awarded the Dean's Award for Excellence in Research (2012), Queens Diamond Jubilee award (2013) and has been awarded the Faculty Scholar Award (2014) for exemplary research, teaching and service, the President's Award for Innovation (2014) from the London Health Sciences Centre and the Strategic Research Fund Award (2015) from the Lawson Health Research Institute. He was awarded the Lawson Innovation award for 2018.