

Professor Alfonso Fasano

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Dr. Alfonso Fasano holds the Chair in Neuromodulation at the University of Toronto and University Health Network. He is a Professor in the Department of Medicine (Division of Neurology) at the University of Toronto. He is staff neurologist and co-director of the Surgical Program for Movement Disorders at Toronto Western Hospital, University Health Network. He is also staff neurologist at the Hospital of Sick Children in Toronto. Dr. Fasano is a Clinician Investigator at the Krembil Research Institute and KITE – Toronto Rehabilitation Hospital. Dr. Fasano leads the Core E (closed-loop capabilities) of the Center for Advancing Neurotechnological Innovation to Application (CRANIA) and sits in the scientific advisory board of the Dystonia Medical Research Foundation and International Essential Tremor

Foundation. He's the chair of the Normal Pressure Hydrocephalus study group and of the Tremor study group of the International Parkinson Movement Disorders Society and the co-chair of the Functional Neurosurgical Working Group of the Parkinson Study Group; he's also member of the Tremor Research Group.

Dr. Fasano received his medical degree from the Catholic University of Rome, Italy, in 2002 and became a neurologist in 2007. After a 2-year fellowship at the University of Kiel, Germany, he completed a PhD in neuroscience at the Catholic University of Rome. His main areas of interest are the treatment of movement disorders with advanced technology (infusion pumps and neuromodulation), pathophysiology, and treatment of tremor and gait disorders. He authored more than 450 scientific papers and book chapters. Dr. Fasano is the co-editor of the section "Gaps and Controversies" of Movement Disorders Journal and editorial board member of Annals of Neurology, Movement Disorders Journal, Movement Disorders Clinical Practice and Parkinsonism and Related Disorders. He is also the principal investigator of several clinical trials.