Dr. Mindy F. Levin

Dr. Levin trained as a physiotherapist at McGill University and practiced for several years at the Rehabilitation Institute of Montreal where she specialized in neurological rehabilitation. She then obtained a M.Sc. degree in Clinical Sciences from the University of Montreal followed by a Ph.D. in Physiology from McGill University under the directorship of Dr. Christina Hui-Chan. She completed an additional two years of post-doctoral training in neurophysiology at the University of Montreal under the co-directorship of Drs. Yves Lamarre and Anatol G. Feldman. From 1992 to 2004, Dr. Levin held positions as researcher and professor in the School of Rehabilitation at the Université de Montréal. She taught courses at the undergraduate and graduate level mainly in the areas of electrotherapy and neurology. Dr. Levin was Scientific Director of the Research Centre of the Rehabilitation Institute of Montreal from 1997 until November 2001. She was a Research Scholar of the Fonds de la Recherche en Santé du Québec from 1992 until 2004. In 2004, Dr. Levin became the Director of the Physical Therapy Program in the School of Physical and Occupational Therapy at McGill University until 2008 and was awarded a Tier 1 Canada Research Chair in Motor Recovery and Rehabilitation (2005-2012, 2012-2019).

Dr. Levin served as President of the International Society of Motor Control from 2005 to 2008 and is currently editor of the Society's journal "Motor Control". She was a founding member and is immediate Past-President of the International Society for Virtual Rehabilitation as well as a founding member and current executive member of the International Neurological Physiotherapy Association of the World Physical Therapy Association.

Dr Levin's research focuses on elucidating the mechanisms underlying arm sensorimotor deficits and their recovery in adults and children with central nervous system lesions. Her research program aims to elaborate the pathophysiological mechanisms underlying disordered motor control and learning after brain damage and then to develop and test treatment interventions to remediate sensorimotor impairments and disabilities based on these findings. Amongst her research methodologies are new technologies such as virtual reality and robotics.