



Member Profile

Dr. Stephen Perry, Research Theme Coordinator

Dr. Stephen Perry coordinates the priority research theme at the MS2Discovery Institute on Complex Systems, Networks, Information Theory and Algorithms (Tecton 4). Additionally, he also advances research within two other priority research themes: Life Sciences, Biotechnology and Bioinformatics (Tecton 2) and Human Interface and Design (Tecton 10). Dr. Perry joined the Institute in 2014.

In 2001 he came to Wilfrid Laurier University where he is now a Professor in the Department of Kinesiology and Physical Education. Prior to joining Laurier he was a postdoctoral fellow at the Canadian Institutes of Health Research at the University of Waterloo. He was also an adjunct scientist at the Toronto Rehabilitation Institute. He earned his PhD in Biomechanics and Neuroscience from the University of Toronto and his MSc in Biomechanics from the University of Guelph.

He was the University 'Research Matters' Representative from 2013 to 2014. Dr. Perry is also the director of the Biomechanics Laboratory located in Wilfrid Laurier's Science Research Building.

Dr. Perry's areas of expertise are in biomechanics, neurophysiology and dynamic balance control. The main focus of his research is to gain a better understanding of the control of human movement. He is interested in the control of whole body mechanics via sensory information from the environment. Dr. Perry also has an interest in the effects of age - related damage and deformity or injury and footwear therapies upon the role of the foot in postural control, gait and sports.



Dr. Perry welcomes inquiries for potential graduate and undergraduate students interested in biomechanics and neuroscience research. Current projects in his laboratory involve the mechanical and sensory function of the foot and footwear, like orthotics, in dynamic balance control in older adults and other physical activities.