

David Vaillancourt

Professor/Chair at University of Florida

Gainesville, FL, US

David Vaillancourt's studies how the brain regulates voluntary and involuntary movement with a specific focus on motor disorders.

Biography

David Vaillancourt's research focuses on how the brain regulates voluntary and involuntary movement with a specific focus on motor disorders. His research program uses advanced neuroimaging techniques to study the functional and structural changes in the brain of humans and animal models that span Parkinson's disease, tremor, ataxia and dystonia.

Areas of Expertise

Structural and Functional Imaging in Rodents and Humans, Rehabilitative, Surgical and Pharmacological Interventions for Motor Disorders, Cortical Oscillations that Underlie Voluntary and Involuntary Movement, Neuroscience and the Brain, Progression Markers of Parkinson's Disease

Affiliations

Society for the Neural Control of Movement : Member, Society for Neuroscience : Member, Sigma Xi, The Scientific Research Society : Associate Member, NASPSPA : Member, New York Academy of Sciences : Member

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