Rajiv Ranganathan

Assistant Professor of Kinesiology at Michigan State University

East Lansing, MI, US

Rajiv Ranganathan's research interests are in the area of motor learning and bio-mechanics.

Biography

Rajiv Ranganathan is an assistant professor in the Department of Kinesiology. The overarching goal of his research program is to develop novel training paradigms to facilitate motor skill learning and the rehabilitation of movement disorders. His research interests are in the area of motor learning and bio-mechanics. He is particularly interested in how humans produce skilled and coordinated movement, and how this ability is altered in the context of development, aging, and movement disorders. He uses a combination of both experimental techniques - such as motion capture, robotics and virtual reality - as well as bio-mechanical modeling and computer simulations to understand the mechanisms underlying the control of human movement.

Areas of Expertise

Neurorehabilitation, Bio-Mechanics, Motor Learning, Movement Disorders

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Affiliations

Society for Neuroscience : Member, North American Society for the Psychology of Sport and Physical Activity (NASPSPA) : Member

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Education

The Pennsylvania State University
PhD Kinesiology

University of Illinois at Urbana-Champaign
MS Kinesiology

University of Madras
BE Electronics & Communication Engineering

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