UNIVERSITY OF SOUTH FLORIDA

Defense of a Doctoral Dissertation

On the Reliability of Wearable Sensors for Assessing Movement Disorder-Related Gait Quality and Imbalance: A Case Study of Multiple Sclerosis

by

Steven Díaz Hernández

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Approximately 33 million American adults had a movement disorder associated with medication use, ear infections, injury, or neurological disorders in 2008, with over 18 million people affected by neurological disorders worldwide. Current gait