



Andrew D. Nordin  
University of Houston  
Assistant Professor

**Date** Friday, October 18, 2024

**Location** SEC 201

**Time** 12:00 to 1:00 PM

[Website](#) | [Publications](#) | [Contact Information](#)

Dr. Nordin's laboratory develops sensors and signal processing for cleaning high-density electroencephalography and electromyography during walking and running to understand better how sensory and motor processes interact to produce and modify human movement. During the seminar presentation, he will share results from studies examining human electrocortical dynamics during treadmill locomotion, including encountering obstacles to stepping over in real and virtual environments and during bodyweight-supported walking.

Dr. Andrew Nordin is an Assistant Professor in the Department of Biomedical Engineering at the University of Houston. He completed undergraduate and graduate degrees in physics and kinesiology from Lakehead University, a doctoral degree concentrating in biomechanics from University of Nevada, Las Vegas, and postdoctoral training in human neuromechanics at the University of Michigan. Prior to joining University of Houston, Dr. Nordin was a Research Assistant Scientist in the Department of Biomedical Engineering at the University of Florida and Assistant Professor at Texas A&M University in the Division of Kinesiology, with affiliations in the Department of Biomedical Engineering and Texas A&M Institute for Neuroscience.