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# Human Movement Performance Lab

## Our Purpose

- To understand mechanisms underlying functional differences in movement
- To develop new interventions to overcome the challenges of developmental disorders, disabilities, injury, illness or development/age-related health conditions
- To offer the possibility of active, independent and more productive lives through research, education and clinical care

## Core Technologies:

- Motion Capture
- Wearable Sensors
- Virtual Reality Environments
- Muscle Activation (EMG Analysis)
- Biomechanics, Force/Torque, Position
- Time Series Data Analysis

