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