Research:
- Biomechanics of Balance, Gait and Motor Control.
- Mobility and Postural Instability in Elderly and PD.
- Physical Therapy in PD.
- Computational Neuroscience.

Collaborators:
Physiology: Paul Cheney, PhD
PD Movement Disorder Center: Kelly Lyons, PhD and Rajesh Pahwa, MD
Physical Therapy: Marissa Clark, MPT
Biostatistics: Jonathan Mahnken, PhD

Equipment:
Instrumentation: motion analysis, force plates, EMG, load cells & A/D.
Analysis: inverse/direct dynamics, Stim Trig Ave, MATLAB & ADAMS.

Funding Sources:
NIH, DOD, NSF, AFAR, and Whitaker

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Courses:
Biomechanics of Human Motion
Experimental Methods in Biomechanics

Go to www.bio.engr.ku.edu to learn more.