

Biodynamics Research Lab

Research:

- Biomechanics of Balance, Gait and Motor Control.
- Postural Instability in Elderly and PD.
- Experimentation, Instrumentation, and Modeling.



Collaborating Faculty:

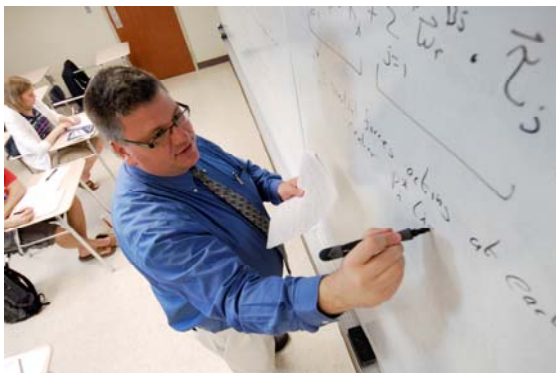
PD Movement Disorder Center: Kelly Lyons, PhD and Rajesh Pahwa, MD
Biostatistics: Jonathan Mahnken, PhD
Physiology: Paul Cheney, PhD
Music and Dance: Professor Janet Hamburg

Equipment:

Optotrak, force plates, EMG, waist pull and lean & release systems, treadmill, exercise equipment, load cells & A/D

Funding Sources:

NIH, DOD, NSF, AFAR, and Whitaker



Director:

Carl W. Luchies, Ph.D.

(U Michigan, 1991)

Associate Professor,
Mechanical Engineering



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Courses:

Biomechanics of Human Motion
Experimental Methods in
Biomechanics

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