

Publications

1. Santos M, McIntire K, Foecking J, Liu Wen. Effects of ankle bracing on motions of the knee and hip joints during trunk rotation tasks. *Clinical Biomechanics* 19 (2004) 964-971.
2. Liu W, Santos M, McIntire K, Loudon J, Goist-Foley H, Horton G. An Inter-Joint Coordination Pattern in the Lower Extremity during Single Limb Stance. *Clinical Biomechanics*. July 2005 (in review).
3. Kluding P, Santos M, Condray, R. Functional changes following ankle joint mobilizations in subjects with hemiplegia. *Physical Therapy*. September 2005 (in review).
4. Liu W, Mukherjee M, Gajewski B. The effect of tactile feedback on the accuracy of hand movement while performing tracing tasks. *Human Movement Science* (Submitted).
5. Sun C, Mukherjee M, Liu H, Redford J, Liu W. Combined treatments of electro-acupuncture and strengthening exercise for spastic fingers and wrist in a chronic stroke patient. *Alternative Therapy in Health and Medicine* (Submitted).
6. JOHN EB, Gajewski B, Gobert D, Bouckhout V, Billinger SA, Cho JK. Cardiovascular Response of Chronic Stroke Survivors to an Aerobic Exercise Training Program. *Medicine & Science in Sports & Exercise* 2003; 35(Supplement):S195.
7. W. Liu, K. McIntire, S.H. Kim, J. Zhang, S. Dascalos, K.E. Lyons, and R. Pahwa. Quantitative assessments of the effect of bilateral sub-thalamic stimulation on multiple aspects of sensorimotor function for patients with Parkinson's Disease. Submitted to: *Gait and Posture*
8. Marcio Santos, Kevin McIntire, Joeseoph Foeking, and Wen Liu. Hip and ankle synchronization during two dynamic tasks. *J Clin Biomechanics*

9. Kevin McIntire, Marc Asher M.D., Douglas Burton M.D., Hongzeng Liu Ph.D., and Wen Liu Ph.D. Measurement Reliability for Trunk Rotational Strength and Asymmetry in Healthy Young Adults. Mini-paper for IRSSD conference. June 10-12th 2004, Vancouver, BC, Canada
10. Kevin McIntire, Marc Asher M.D., Douglas Burton M.D., and Wen Liu Ph.D. Quantified Rotational Strength Training: Preliminary study of an alternative method for idiopathic scoliosis management. Mini-paper for IRSSD conference. June 10-12th 2004, Vancouver, BC, Canada
11. Liu W, McIntire K, Kim SH, Zhang J, Dascalos S, Lyons KE, Pahwa R. Quantitative assessments of the effect of bilateral subthalamic stimulation on multiple aspects of sensorimotor function for patients with Parkinson's disease. *Parkinsonism & Related Disorders*, 2005
12. Liu W, McIntire K, Kim SH, Zhang J, Dascalos S, Lyons KE, Pahwa R. Bilateral subthalamic stimulation improves gait initiation in patients with Parkinson's disease. *Gait Posture*, 2005
13. Liu W, Kim SH, Long JT, Pohl PS, Duncan PW. Anticipatory postural adjustments and the onset of compensatory stepping reactions. *Neuroscience Letter*, 336(1), 1-4, 2003.