

John D. Willson

9 SAINT GEORGE TERRACE
BEAR, DE 19701
EMAIL: JDWILLSON@YAHOO.COM

EDUCATION

- ◆ Ph.D. Biomechanics/Movement Science, University of Delaware: expected 2007
- ◆ MSPT with a research emphasis, University of Wisconsin-La Crosse: Dec., 1998
- ◆ B.S., Magna cum laude, Biology, University of Minnesota, Minneapolis: June, 1996

WORK EXPERIENCE

- ◆ University of Delaware, Newark, DE, doctoral student/research assistant: Sept. 2003-pres
- ◆ Joyner Sportsmedicine Institute, Lexington, KY, orthopedics: April, 2002-Sept. 2003
- ◆ Upland Hills Health, Dodgeville, WI, orthopedics: Oct., 1998-March 2002
- ◆ Meriter Hospital, Madison, WI, neurological rehabilitation affiliation: Aug.-Sept., 1998
- ◆ Steadman-Hawkins Sports Medicine Fdtn, Vail, CO, research affiliation: June-July, 1998

PEER-REVIEWED PUBLICATIONS

- ◆ Denton J, **Willson JD**, Ballantyne BT, McClay Davis, I. (in review, *Journal of Orthopaedic and Sports Physical Therapy*) The addition of the Protonics brace system to a standard patellofemoral rehabilitation protocol: effect on clinical measures and efficacy.
- ◆ **Willson JD**, Dougherty CP, Ireland ML, McClay Davis, I. (in press, *Journal of the American Academy of Orthopaedic Surgeons*) Core stability: relationship to lower extremity function and injury.
- ◆ Leetun, DT, Ireland ML, **Willson JD**, Ballantyne BT, McClay Davis I. (2004) Core stability measures as risk factors for lower extremity injury in athletes. *Medicine and Science in Sports and Exercise*; 36(6): 926–934.
- ◆ Michel SJ, Fried AM, Sinha S, **Willson J**, Bensadoun E, Arnold S, Buck JL. (2004) Comparison of iodixanol with iohexol for delayed pelvic venous opacification: a preliminary study of potential use for CT venography. *AJR. American journal of roentgenology*.. 183(1):123-6.
- ◆ Ireland ML, **Willson JD**, Ballantyne BT, McClay Davis I. (2003) Hip strength in females with and without patellofemoral pain. *Journal of Orthopaedic and Sports Physical Therapy*; 33:671-676.
- ◆ Ott SM, Ireland ML, Ballantyne BT, **Willson JD**, McClay Davis I. (2003) Comparison of outcome between males and females after anterior cruciate ligament reconstruction. *Knee Surgery, Sports Traumatology, Arthroscopy*; 11(2):75-80.
- ◆ **Willson JD**, Torry M, Decker M, Ellis H, Kernozek T, Steadman J. (2001) Effects of walking poles on lower extremity gait mechanics. *Medicine and Science in Sports and Exercise*; 33(1):142-147.
- ◆ Grampp J, **Willson JD**, Kernozek T. (2000) The plantar loading variations to uphill and downhill gradients during treadmill walking. *Foot and Ankle International*; 21(3):227-231.
- ◆ **Willson JD**, and Kernozek T. (1999) Plantar loading and cadence alterations with fatigue. *Medicine and Science in Sports and Exercise*; 33(12):1828-1833.
- ◆ Symstead A, Tilman D, **Willson JD**, Knops J. (1998) Species loss and ecosystem functioning: effects of species identity and community composition. *Oikos*; 81(2):389-397.

MEETING ABSTRACTS

- ◆ **Willson JD**, Davis I. (2005) Gait Retraining Using Real-Time Kinematic Biofeedback to Decrease Torsional Loads. American College of Sports Medicine, Nashville, TN.
- ◆ **Willson JD**, Davis I. (2004) Clinical quantification of frontal plane knee angle: correlation of 2D and 3D motion analysis. American Society of Biomechanics, Portland, OR.
- ◆ **Willson JD**, Davis I, Ireland ML. (2004) Relationship between core strength and lower extremity performance in clinical tests. American College of Sports Medicine, Indianapolis, IN.
- ◆ **Willson JD**, McClay Davis I, Ireland ML. (2003) Relationship between hip strength and tibiofemoral valgus angle during single leg squats. American College of Sports Medicine, San Francisco, CA.
- ◆ Kernozek T, Sterikker S, Grampp J, **Willson JD**. (1998) Plantar pressure characteristics of hallux valgus: comparison to non pathological controls. North American Conference on Biomechanics.
- ◆ Grampp, J, **Willson JD**, Kernozek T. (1998) The plantar loading variations to uphill and downhill gradients during treadmill walking. North American Conference on Biomechanics.
- ◆ **Willson, JD**. (1998). Clinical uses of pressure distribution measurements in physical therapy. Dean Medical Center Physical Therapy, Madison, WI.
- ◆ **Willson, JD**, Kernozek, T. (1998). Plantar pressure characteristics of fatigued runners. WPTA Spring Conference, Lake Geneva, WI.

HONORS/AWARDS

- ◆ Foundation for Physical Therapy Promotion of Doctoral Studies (PODS I) scholarship: 2004
- ◆ UW-La Crosse College of Allied Health Achievement Award: 1998
- ◆ UW-La Crosse "Physical Therapy Graduate Student of the Year": 1998