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## Rehabilitation Sciences Doctoral Program

Division of Physical Therapy  
College of Health Sciences  
900 S. Limestone Room 204D  
Lexington, Kentucky 40536-0200  
(859) 323-1100 ext. 800581

### **Doctoral Research Assistantship Position Available**

The Division of Physical Therapy in the Department of Rehabilitation Sciences, College of Health Sciences is seeking highly motivated students interested in pursuing a PhD and providing research assistance to a PT faculty member. Applicants should have a personal interest in clinical or basic science research. Students will work directly with Scott Livingston, PhD, PT, ATC, SCS whose research focuses on understanding the pathophysiology of sport-related concussion, specifically focusing on electrophysiological assessment, balance and postural stability testing, and vestibular dysfunction following concussion.

**Position Description:** This is a 12-Month Research Assistant Position available beginning August 2010 and renewable for 2 years. The position includes a 12 month stipend, as well as a tuition waiver for fall and spring semesters and health insurance. Interested students can find information regarding the PhD in Rehabilitation Sciences through the Department of Rehabilitation in the College of Health Sciences (<http://www.mc.uky.edu/rehabsciences/>).

#### **Qualifications:**

1. Earned master's degree
2. Licensed physical therapist and/or certified athletic trainer
3. Interest in clinical or basic science research is required, with some experience preferred
4. Good computer skills
5. Good oral and written communication skills
6. Interest in mentoring graduate and/or professional students

**Laboratory:** The Concussion Assessment Research Laboratory at the University of Kentucky currently has a MagStim200<sup>2</sup> transcranial magnetic stimulation device, a BioPac MP150 data acquisition system, and a GRASS Technologies stimulation and signal amplification system. We have a close relationship with the Musculoskeletal Laboratory in the Department of Rehabilitation Sciences which includes a NeuroCom SMART Balance System with advanced capabilities for vestibular assessment. Possibilities also exist for research collaboration with the Spinal Cord and Brain Injury Research Center (SCoBIRC), the Magnetic Resonance Imaging & Spectroscopy Center (MRISC), and the Department of Physical Medicine and Rehabilitation at Cardinal Hill Rehabilitation Hospital.

If interested in a funded research assistantship please send a letter of interest which specifies strengths for this position and resume to:

Scott C. Livingston, PhD, PT, ATC, SCS  
Assistant Professor, Division of Physical Therapy  
University of Kentucky  
College of Health Sciences  
Room 204C, CTW Building  
900 South Limestone Street  
Lexington, KY 40536-0200

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