



## Steve Jernigan

### Clinical Instructor

Department of Physical Therapy and Rehabilitation Science  
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### Education

#### **Fall 2003 – present**

Have completed the required coursework and am working towards the Comprehensive Exam for my **Ph.D. in Rehabilitation Science** at the University of Kansas Medical Center.

- March 2008* *Low Back Pain: Noninvasive Assessment and Treatment Practice and Teaching related CEU.*  
*Gray Institute Live Function: Functional Foot and Ankle*
- Feb 2008* Practice related CEU.
- Dec 2007* *Obesity - Issues in Public Health Teaching related CEU.*  
*Bridging the Gap - Latino Clients Teaching related CEU.*
- Feb 2007* *Beyond Conflict: The Art and Science of Negotiating – Phyllis B. Kritek, RN, PhD, FAAN – Daylong continuing education activity*
- Sept 2005* *Teaching Manipulation: An Evidence Based Approach; A clinical instructor and faculty workshop – American Academy of Orthopedic Manual Physical Therapists (CEU)*
- April 2005* *When the Feet Hit the Ground, Everything Changes – Level II Advanced biomechanics with emphasis on clinical applications through patient case studies. (CEU)*
- April 2004* *Differential Diagnosis – William Biossonnault, PT, DHSc, FAAOMPT (CEU)*
- Monthly 2003 & 2004* *Functional Video Digest Series – Gary Gray, PT (CEU)*
- Jan 2002* *Diagnosis & Treatment of Movement Impairment Syndromes Upper Quarter – Shirley Sahrmann, PT, PhD, FAPTA (CEU)*
- Oct 2001* *Myofascial Manipulation (MF1) – University of St. Augustine for Health Sciences, Stanley Paris, PT, PhD – President (CEU)*
- May 2001** **Masters of Science in Physical Therapy**  
University of Kansas Medical Center in Kansas City, KS  
GPA: 3.96/4.00
- May 1998** **Bachelors of Science in Education – Exercise Science**  
University of Kansas in Lawrence, KS  
GPA: 3.98/4.00

***Clinical Experience***

- Jan 2003 – present* *Staff Physical Therapist - PRN*  
Shawnee Mission Medical Center – SportsCare  
Examine and treat patients in this peripheral joint outpatient setting. Treat a variety of populations including school-age and geriatric individuals. Therapeutic exercise and manual therapy play important roles in treatment at these clinics.
- January 2008* *Supervising Physical Therapist* for Jay Doc Clinic through KUMC.
- Summers 2005 - 2007* *Physical Therapist* for Sedan Hospital through Telemedicine at the University of Kansas Medical Center. Stepped in as the therapist for this rural setting telemedicine clinic to cover for the regular therapist when needed.
- July 2001 – May 2002* *Staff Physical Therapist – Full Time*  
Kansas City Physical Therapy Group  
Examined and treated patients in this clinic, which emphasized a manual therapy approach. Primarily treated cervical and lumbar dysfunction. Performed all tasks associated with the daily operation of a physical therapy clinic (all secretarial duties, marketing, etc.) in addition to the regular duties associated with my role as a staff physical therapist.

**Teaching  
Experience**

**University of Kansas Medical Center  
Department of Physical Therapy and Rehabilitation  
Science**

- June 2007 - present* *Full-Time Clinical Instructor* for the Department of Physical Therapy and Rehabilitation Science. *Course Coordinator:* Physical Therapy Tests and Measures, Health Promotion Through the Life Span. *Course Assistant:* Kinesiology, Research in Evidence-Based PT Practice.
- Spring 2008* Practical Exam *Grader* for Musculoskeletal Physical Therapy I course.
- Spring 2007* Practical Exam *Grader* for the Musculoskeletal Physical Therapy I & III courses.  
*Coordinator* for Musculoskeletal Physical Therapy III's Patient Case Exam Assignment – an individual student assignment completed with physical therapists in the community.
- Fall 2005* *Graduate Teaching Assistant* for Kinesiology. Taught all labs with the course coordinator and graded practical exams. *Assisted* with Musculoskeletal Physical Therapy II throughout the semester for grading practical exams and facilitating 5 lab sessions.
- Summer 2005* *Graduate Teaching Assistant* for Physical Therapy Tests and Measures. Taught labs with the course coordinator.
- Spring 2005* *Graduate Teaching Assistant* for Musculoskeletal Physical Therapy I. Taught all labs with the course coordinator and lectured on various topics including Functional Assessment, the Knee, the Shoulder, and most Case Study Lectures.  
*Coordinator and Lab Instructor* for Kinesiology in the Clinical Doctorate Physical Therapy program at *Rockhurst University*.
- Fall 2004* *Graduate Teaching Assistant* for two courses, Kinesiology and Advanced Musculoskeletal Examination and Intervention. Taught all labs with the course coordinator for Kinesiology. *Assisted* and taught labs in the musculoskeletal course and lectured on the thoracic spine.
- Summer 2004* *Graduate Teaching Assistant* for a Cardiopulmonary Therapeutics course. *Assisted* with all lab portions of the course.
- Spring 2004* *Course Coordinator and Clinical Instructor* for an introductory Musculoskeletal Examination and Intervention course. Performed all duties associated with coordinating a course.
- Oct 2003 – Dec 2003* Stepped in as a *Course Coordinator and Clinical Instructor* for Advanced Musculoskeletal Examination and Intervention. *Lab assistant* for a physical therapy procedures course and a neuromuscular therapeutics course.
- Spring 2003* *Grader* for practical exams as needed for an introductory Musculoskeletal Examination and Intervention course.
- Fall 2002* *Lab Assistant* for Kinesiology.

**Research  
Experience**

**University of Kansas Medical Center  
Department of Physical Therapy and Rehabilitation  
Science**

- Oct 2007 - present* *Research Assistant* for Dr. Nandini Deshpande at the Landon Center on Aging. Stroke-related research. Test all subjects for the pilot study.
- April 2008* *Coauthor - Ankle Tracking Training in Chronic Stroke Rehabilitation (Abstract)*. Submitted to the Kansas Physical Therapy Association for annual Spring Conference. Status: Accepted.
- March 2008* *Coauthor – Effect of Parkinson's Disease on step response to a backwards pull (Abstract)*. Submitted to American Society of Biomechanics for annual conference. Status: Accepted.
- December 2006* *Coauthor – Effects of age and localized muscle fatigue on torque development in knee extensors and ankle plantarflexors (Article)*. Submitted to *Clinical Biomechanics* for publication. Status: pending.
- Spring 2006 – 2007* *Graduate Research Assistant* for the Landon Center on Aging Human Performance Lab. Assist with design and data collection of various research projects related to aging and Parkinson's Disease.
- Fall 2005 – present* Assist a faculty member with student research projects related to the iliotibial band restriction and quadriceps strength testing. Project design, protocol development, data collection, data analysis, and writing.
- Summer 2004* Assisted a post-doctoral student with a detailed literature review in order to determine the optimal procedure for non-invasively measuring in-vivo length of the rectus femoris myotendon complex.
- Sept 2002 – May 2004* *Research Assistant* for the Stroke Wellness & Fitness Program. Responsibilities included conducting exercise sessions for 30 persons who have survived a stroke.

**Leadership & Awards**

- Aug 2007 - present* *Treasurer* for Kansas City Orthopedic Study Group
- Aug 2006 – May 2007* *Preparing Future Faculty Fellow* with the Graduate School at the University of Kansas.
- Aug 2006 – April 2007* *English as a Second Language (ESL) Instructor* for Hispanic immigrants with Mission Adelante in Kansas City, KS once a week.
- January – July 2006* *ESL Conversation Partner* with Mission Adelante.
- June 2003 – April 2007* *Coordinator and facilitator* for a small group (15+ persons) that meets weekly. Required vision, time management, organized communication, and sensitivity to group dynamics.
- April 2005* *Registration Coordinator* for a Kansas City Orthopedic Study Group continuing education course.
- Fall 1999 – May 2001* *President – KUMC Physical Therapy Class of 2001*, KC Campus Served as a liaison between the class and the Department of Physical Therapy Education on any issue.
- May 2001* *Ruth G. Monteith Award* – for excellence in academic and clinical performance, evidence of leadership and potential contribution to the profession of Physical Therapy.
- May 2001* *Cam Wilson Student's Choice Award* – for strong communication and interpersonal skills.

***Membership &  
Licensure***

- Active* Member of the American Physical Therapy Association, KS Chapter (#292096) - Education, Sport, and Orthopedic Sections
- Active* Member of the Kansas City Orthopedic Study Group
- Active* Licensed Physical Therapist in Kansas (# 11-03056)
- Active* Licensed Physical Therapist in Missouri (# 2001025569)