

## CURRICULUM VITAE

April 18, 2008

Name: Susan Joy Leach, PT, MS, NCS  
Title: Clinical Assistant Professor, Department of Physical Therapy  
College of Allied Health Sciences  
Address: Health Sciences Building 2410D  
600 Moye Boulevard  
Greenville, NC 27834-4354  
Telephone: 252-744-6242  
E-mail: [leachs@ecu.edu](mailto:leachs@ecu.edu)  
Institution: East Carolina University  
Entry-level DPT Program

### Education:

8/2000 – present      Doctoral candidate  
Anticipated graduation date: December, 2008  
Ph.D. in Motor Behavior with an emphasis in Motor Learning  
Louisiana State University, Baton Rouge, LA

6/1996 – 5/2000      Courses in advanced physical therapy with a clinical emphasis  
Louisiana State University Health Science Center, New Orleans,  
LA

9/1990-5/1992      Master of Science degree in Physical Therapy  
Columbia University, New York, NY

9/1998-7/1990      Bachelor of Education degree with high honors in Human  
Performance  
University of Toledo, Toledo, OH

1/1987-6/1988      Courses in Health Promotion  
University of North Florida, Jacksonville, FL

1/1985-12/1986      Associate in Arts degree with high honors  
Florida Community College, Jacksonville, FL

### Licensure Information:

Physical Therapy: North Carolina PT Licence 11527  
Louisiana PT License 02179R

Certifications:

12/2006	American Heart Association: Basic Life Support for Healthcare Providers
10/2000	American Physical Therapy Association Credentialed Clinical Instructor
05/2000	American Board of Physical Therapy Specialties Neurologic Certified Specialist

Employment and Positions Held:

02/2008 – present	Clinical Assistant Professor, Department of Physical Therapy East Carolina University Greenville, NC
04/2006 – 12/2007	Instructor, Department of Physical Therapy Louisiana State University Health Sciences Center, New Orleans, LA
01/2006 – 3/2006	Adjunct Instructor, Department of Physical Therapy Louisiana State University Health Sciences Center, New Orleans, LA
10/2005 – 12/2005	Physical Therapist PRN St. John’s Rehabilitation Hospital, Harahan, LA • Direct patient care on the nursing home unit treating a variety of diagnoses including hip fracture, total hip arthroplasty, total knee arthroplasty, and stroke.
09/2005 – 12/2005	Physical Therapist PRN NeuroMedical Center Rehabilitation Hospital, Baton Rouge, LA • Direct patient care on the inpatient rehabilitation unit treating a variety of diagnoses including spinal cord injury, stroke, total knee arthroplasty, and traumatic brain injury.
08/2001 – 11/2001	Adjunct Instructor, Department of Physical Therapy Louisiana State University Health Sciences Center New Orleans, LA 70112
06/1998 – 08/2005	Senior Physical Therapist Touro Rehabilitation Center, New Orleans, LA • Direct patient care on the inpatient brain injury unit treating a variety of diagnoses including brain tumor, spinal cord injury, stroke, and traumatic brain injury. • Clinical instructor on the inpatient brain injury unit.

Employment and Positions Held continued:

- 03/1995 – 06/1998    Supervisor Inpatient Rehabilitation  
Touro Rehabilitation Center, New Orleans, LA
- Supervision of physical therapists, physical therapist assistants, and technicians on the inpatient general rehabilitation unit and the inpatient brain injury unit.
  - Direct patient care on these units treating a variety of diagnoses including arthritis, transtibial and transfemoral amputation, brain tumor, spinal cord injury, stroke, and traumatic brain injury.
  - Clinical instructor on the inpatient general rehabilitation and inpatient brain injury units.
- 10/1994 – 03/1995    Staff Physical Therapist  
Touro Rehabilitation Center, New Orleans, LA
- Direct patient care on the acute care floors, the neurology outpatient unit and the inpatient and outpatient chronic pain units.
- 06/1992 – 10/1994    Staff Physical Therapist  
Helen Hayes Hospital, West Haverstraw, NY
- Rotating therapist with direct patient care on both inpatient and outpatient units treating a variety of diagnoses including arthritis, transtibial and transfemoral amputation, multiple sclerosis, osteoporosis, spinal cord injury, and stroke.
  - Aquatic therapy rotation treating both adult and pediatrics with a variety of diagnoses including arthritis, Guillain-Barré syndrome, osteoporosis, spinal cord injury, stroke, traumatic brain injury.
  - Clinical instructor on the inpatient spinal cord injury unit and on the outpatient neurology unit.

Peer-Reviewed Scientific and Professional Presentations:

- 06/1993    Leach, SJ. The effect of load and carrying position of the electromyographic activity of the gluteus medius muscle of healthy adults in a static position of single-limb support. Poster presentation at the annual APTA Conference in Cincinnati, Ohio.

Abstract:

Leach SJ. The effect of load and carrying position on the electromyographic activity of the gluteus medius muscles of healthy adults in a static position of single-limb support [abstract]. *Phys Ther.* 1993;73 (suppl): S29.

Non-Peer Reviewed Presentations:

- 06/2006 Invited presenter of the session, "An Interdisciplinary Approach to Wheelchair Seating and Positioning," with Chuck Fontenot, CRTS, ATS for a workshop entitled, "Assistive Technology Workshop," sponsored by the University of New Orleans and the Louisiana Rehabilitation Association.
- 05/1999 Invited panel member of a traumatic brain injury case presentation during a conference entitled, "Brainstorming the Brain Behavior Connection," sponsored by Touro Rehabilitation Center, New Orleans, LA.
- 09/1998 Invited presenter of the session, "Pull up a Wheelchair," with Tricia Thomasson, PT and Gene Harkey, CRTS during a conference entitled, "Maximizing Functional Outcomes in Persons with Spinal Cord Injury," sponsored by Touro Rehabilitation Center, New Orleans, LA.

Other Scholarly Products:

Educational brochure for Touro Rehabilitation Center, New Orleans, LA: Family Training Guide to Successful Patient Handling

Research Activity:

- 2008 Leach, SJ. Dissertation: The effects of a divided-attention stepping accuracy exercise on balance, functional outcome measures and ground reaction forces in a healthy older population and the connection to procedural learning.
- 2006 Leach, SJ. Pilot study for dissertation: The effects of a stepping exercise on functional outcome measures in an individual with an incomplete spinal cord injury.

Membership in Scientific/Professional Organizations:

American Physical Therapy Association  
Education Section of the American Physical Therapy Association  
Neurology Section of the American Physical Therapy Association  
Research Section of the American Physical Therapy Association  
Louisiana Physical Therapy Association

Services:

04/2007 – 12/2007 DPT Curriculum Committee  
Louisiana State University, Department of Physical Therapy  
Sub-committee: Practical Grading Task Force

07/2006 Junior Faculty Search Committee  
Louisiana State University, Department of Physical Therapy

04/2006 – 12/2007 Faculty advisor for 5-6 students per Physical Therapy class  
Louisiana State University, Department of Physical Therapy

Continuing Education Attended:

08/2007 Clinical Integration Seminar

06/2007 World Conference of Physical Therapy

02/2007 Association for Applied and Therapeutic Humor 2007 Annual  
Conference

07/2006 – 05/2007 The Academy Teaching Excellence Workshop Series

06/2006 How to Assess, Treat and Document Functional Deficits in the  
Geriatric Setting

01/2006 Neurocurriculum Across the Lifespan: Educating the Next  
Generation

07/2005 Faculty Development Workshop: Workshop for New PT/PTA  
Educators

07/2005 III STEP, Symposium on Translating Evidence into Practice:  
Linking Movement Science and Intervention

02/2005 American Physical Therapy Association's Combined Sections  
Meeting

02/2004 American Physical Therapy Association's Combined Sections  
Meeting

02/2004 Mind and Movement: Cognition, Motor Control and Learning

Current Teaching Responsibilities in the Entry-level Physical Therapy Program

Second Year

Summer PTHE 8302: Adult Therapeutic Intervention I

Fall PTHE 8402: Adult Therapeutic Intervention II