

## Curriculum Vitae

**Name:**

George D. Fulk

**Address:**

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Norwood NY, 13668

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**Education:**

- Nova Southeastern University  
Fort Lauderdale, FL  
January 2000 to September 2005
  - Ph.D. in Physical Therapy
    - Dissertation topic: Concurrent and Predictive Validity of the Six Minute Walk Test in Individuals who have Experienced a Stroke.
    - Dissertation Committee: Leah Nof, PT, Ph.D., John Echternach, PT, Ed.D., FAPTA, Susan O'Sullivan PT, Ed.D.
  
- University of Massachusetts Lowell  
Lowell, MA  
September 1992 to October 1994
  - M. S. Physical Therapy
    - Graduate Student of the Year in Physical Therapy
    - Dean's Award for Academic Excellence
    - Master's thesis: The Reliability of the Electronic Inclinometer in Measuring Lumbar Flexion.
    - GPA 4.0
  
- Brandeis University  
Waltham, MA  
September 1982 to May 1986
  - B. A. Political Science

## **Continuing Education:**

- Combined Sections Meeting. American Physical Therapy Association, February 2-5, 2006. February 15-18, 2007.
- New York Physical Therapy Association Bi-annual conference. October 27-28, 2006.
- 11th Annual Cyber Therapy 2006 Conference: Virtual Healing: Designing Reality. June 12-15, 2006.
- Pharmacology for Physical Therapists. American Physical Therapy Association, Dr. Peter Panus, PT, PhD. May 6-7, 2006.
- Combined Sections Meeting. American Physical Therapy Association, pre-conference course: Neurocurriculum Across the Lifespan: Educating the Next Generation, January 31-February 1, 2006.
- Combined Sections Meeting. American Physical Therapy Association, February 2-5, 2006.
- III STEP Linking Movement Science and Intervention, Neurology and Pediatric Sections of the American Physical Therapy Association, July 15-12, 2005.
- Combined Sections Meeting. American Physical Therapy Association, February 24-27, 2005.
- American Congress of Rehabilitation Medicine and American Society of Neurorehabilitation Joint Conference, September 9-12, 2004.
- Locomotor Training: Principles and Practice. Andrea Behrman, Ph.D., PT and Susan Harkema, Ph.D. March 7-9, 2004.
- Combined Sections Meeting. American Physical Therapy Association, February 5-8, 2004
- International Workshop on Virtual Reality, Rutgers University, September 21-22, 2003.
- Combined Sections Meeting of the American Physical Therapy Association preconference course entitled “Translating Research Into Clinical Practice for Patients Post-Stroke: Where Are We?”, February 11-16, 2003.
- Combined Sections Meeting. American Physical Therapy Association, February 11-16, 2003.
- Combined Sections Meeting. American Physical Therapy Association, February 20-24, 2002.

- Evidence Based Practice: Bringing Evidence into the Clinic: How Do I Access It? How Do I Integrate It? Alan Jette, PT, Ph.D. and Mary Slavin, PT, Ph.D., November 2001
- Foot Orthoses for the Management of Foot and Ankle Dysfunction. Gary Hunt, PT, March 31, 2001
- Spasticity: Do We Treat It? Do We Leave It Alone? Susan Ryerson, PT, March 20, 2001
- New Concepts in Treatment of the Shoulder. ME, MA, NH, RI and VT Chapters of the APTA Conference, October 13, 2000
- APTA Clinical Instructor Education and Credentialing Program. Nancy Peatman, PT, M.ED and Lynn Foord, MSPT, M.ED, June 9 and 10, 2000
- First Swing Clinic. Next Step Orthotics and Prosthetics, May 19 and 20, 2000
- The Guide to Physical Therapist Practice. Marilyn Moffat, PT, Ph.D., FAPTA, March 3, 2000
- The Many Faces of Stroke. Brain Injury Association of New Hampshire Stroke Rehabilitation Conference, October 13, 1999
- Returning the Hand Injured Worker to the Workplace. Anne Moscony, OTR/CHT and Cornelia von Lersner Benson, OTR/CHT, July 22, 1999
- The Arthritic Knee. Kevin Wilk, PT, July 10, 1999
- Competency Assessment for Clinical Support Services. Academy Medical Systems, Inc., October 13, 1998.
- LaBac Seating System Seminar. Stephanie Tanguay, OT, April 13, 1998
- Strain/Counterstrain and Myofascial Release for the Neurologic Patient Sharon Weiselfish, PT, October 29-31, 1997
- Spinal Cord Injury Rehabilitation in the 21<sup>st</sup> Century. Whittier Rehabilitation Hospital, October 17, 1997
- The Australian Approach to the Exam and Treatment of the Cervical Spine. Elizabeth Scarpelli, PT, OCS, August 16, 1997
- Strategies to Optimize Upper Extremity Function on the Patient with Neurological Dysfunction. Ann Charness, PT, MS, July 25-26, 1997

- Recognition and Treatment of Shoulder Injuries in the Overhead Athlete. Kevin Wilk, PT, May 17, 1997
- Functional Electrical Stimulation in the Upper Extremity Hand for Spinal Cord Injury Patients. Teresa Rettman, OTR/L, January 24, 1997
- Quickie Professional Series: Manual, Seating and Positioning. Kay Koch Hurst, OTR, October 29-30, 1996
- Spinal Cord Injury Management – Making Strides Towards the 21<sup>st</sup> Century. HealthSouth Rehabilitation Hospital, August 2-3, 1996
- Quickie Professional Series: Power Chair Applications. Stephanie Reed, OTR, January 30-31, 1996
- Occupational and Physical Therapy Management of Individuals with Spinal Cord Injury: Emphasis On Independence. Woodrow Wilson Rehabilitation Center, October 2-6, 1995
- Jay Medical Wheeled Seating and Mobility Seminar. March 29-30, 1995
- Ischial Containment Above Knee Socket Designs. Chris Hoyt, CP, March 9, 1995

### **Licensure Information:**

- Physical Therapist  
State of New Hampshire  
1994 to Present  
License Number: 1713
- Physical Therapist  
State of New York  
May 2002 to Present  
License Number: 024072

### **Employment:**

- **Clarkson University**  
Potsdam, NY  
June 2002- Present
  - Physical Therapy Department  
Assistant Professor: December 2005-present  
Instructor: June 2002-November 2005.
  - Teaching Responsibilities
    - Neurological Science and Treatment (PT601)
    - Integrated Systems (PT 611)
    - Data Analysis and Interpretation (PT623)
    - Evidence-Based Practice (PT523)

- Principles of Measurement (PT513)
- Scientific Basis of Health Care (PT301)
- Service to the University
  - University
    - Faculty Senate Curriculum and Academic Policies sub committee
    - Psychology Department faculty search committee 2004-2005
  - Department
    - Curriculum Committee
    - Library Committee
    - Health Sciences Research Committee
    - Coordinate research component of the curriculum
- **Nova Southeastern University**  
Fort Lauderdale, FL  
October 2003- Present
  - Adjunct Faculty in transitional DPT program
    - Patient Client Management: Neuromuscular (PHT 7825)
- **HealthSouth Rehabilitation Hospital**  
Concord, NH  
January 2002- June 2002
  - Staff Physical Therapist
    - Assisted in the development of an in patient and out patient program for individuals with Multiple Sclerosis and Parkinson's disease.
    - Work in an interdisciplinary team atmosphere with a variety of clients including individuals with neurological disorders and traumatic injuries.
- **Notre Dame College**  
Manchester, NH  
Physical Therapy Program  
August 1999 to May 2002
  - Adjunct Faculty  
January 2002- May 2002
  - Assistant Professor/Academic Coordinator of Clinical Education  
August 1999- January 2002
  - Teaching and Clinical Education Responsibilities:
    - Physical Therapy Practice II (PTH 520)
    - Professional Seminar (PTH 610)
    - Research Ib (PTH 519)
    - Foundations of Physical Therapy Practice (PTH 405/505)
    - Clinical Affiliation I, II, and III (PTH 601, 602, 603)
      - ACCE
    - Directed Clinical Experience I and II (PTH 525 and 526)
  - Service to the College
    - College-wide
      - Institutional Review Board
      - NHCUC Distance Education Committee

- NEASC Self-Study Standard Seven Focus Group
  - Advancement Task Force
- Program
  - Student Advisory Committee: Chair
  - Admissions Committee: Co-Chair
  - Curriculum Committee
- **Notre Dame College**  
 Manchester, NH  
 Physician Assistant Program  
 May 2000 to August 2000  
 Adjunct Faculty
  - Teaching responsibilities:
    - Neuroanatomy and Neurophysiology
- **HealthSouth Rehabilitation Hospital**  
 Concord, NH  
 November 1994 to August 1999
  - Per Diem Physical Therapist  
 August 1999 to December 2001
  - Clinical Advisor  
 November 1997 to August 1999
    - Supervise and mentor physical therapy staff
    - Coordinate continuing education for clinical staff
    - Run monthly staff meeting
    - Orient and train new physical therapy staff members
    - Develop and implement physical therapy staff competencies
    - Developed clinical staff job descriptions and competencies
  - Center Coordinator of Clinical Education  
 April 1998 to August 1999
    - Coordinated clinical education of physical therapist and physical therapist assistant students with educational institutions from around the country
  - Staff Physical Therapist  
 November 1994 to November 1997
    - Evaluate and provide interventions for a wide variety of patient diagnoses in an acute rehabilitation hospital including: spinal cord injury, traumatic brain injury, CVA, multiple sclerosis, Parkinson's, amputee, and orthopedic.
    - Part-time out patient Physical Therapist
    - Clinical Instructor, January 1996 to August 1999
  - Other responsibilities and achievements
    - Spinal Cord Injury team member, November 1994 to August 1999
    - Brain Injury team member, November 1994 to December 1996
    - CVA team member, January 1997 to August 1999
    - Coordinate wheelchair and seating clinic, July 1995 to August 1999
      - Developed wheelchair and seating evaluation form
    - Chair of Education Committee, January 1998 to August 1999
      - Organize and coordinate hospital wide education

- Ethics Committee, December 1998 to August 1999
- **University of Massachusetts Lowell**  
Lowell, MA  
College of Health Professions  
Department of Physical Therapy  
January 1996 to May 2001  
Adjunct Faculty
  - Neurological Physical Therapy I and II laboratory assistant
    - Guest lecturer on Spinal Cord Injury and Parkinson's disease
  - Admissions committee: 1998
- **Concord Regional Visiting Nurse Association**  
Concord, NH  
March 2000 to June 2002  
Per Diem Physical Therapist
- **Integrated Health Services of New Hampshire**  
Manchester, NH  
April 1996 to October 1998  
Per Diem Physical Therapist
- **St. Ann's Home, Inc.**  
Methuen, MA  
February 1989 to October 1994  
Unit Director, Child Care Counselor, Teacher's Assistant
- **Casner, Edwards, and Roseman**  
Boston, MA  
August 1986 to January 1989  
Paralegal

## **Publications:**

### **Peer reviewed journals:**

- Martin J, Plummer P, Bowden M, Fulk G, Behrman A. Body Weight Support Systems: Considerations for Clinicians. *Physical Therapy Reviews*. 2006;11:143-152.
- Fulk GD and Cleland JA. Measurement Issues in Acute Care: Applying the Mobility Scale for Acute Stroke. *Acute Care Perspectives*. 2005;14(4):19-21.
- Fulk GD. Locomotor Training and Virtual Reality Based Balance Training for an Individual with Multiple Sclerosis: A Case Report. *The Journal of Neurologic Physical Therapy*. 2005;29:34-42.

- Fulk GD. Locomotor Training with Body Weight Support after Stroke: The Effect of Different Training Parameters. *The Journal of Neurologic Physical Therapy*. 2004;28:20-28.
- Stowell T, Fuller R, Fulk GD. An Aquatic and Land-Based Physical Therapy Intervention to Improve Functional Mobility for an Individual after an Incomplete C6 Spinal Cord Lesion. *The Journal of Aquatic Physical Therapy*. 2001;9(1):27-32.
- Peterson L, Swierz J, Fulk GD, Inacio C. Cancer and the Elderly: Incidence and Implications. *GeriNotes*. 2001;8(4):7-9,16.

### **Peer reviewed book chapters:**

- Fulk GD. Traumatic Brain Injury. In: O'Sullivan S, Schmitz T, eds. *Physical Rehabilitation Assessment and Treatment*. 5<sup>th</sup> ed. Philadelphia, PA: F.A. Davis; 2007:895-936.
- Fulk GD, Behrman A, Schmitz T. Traumatic Spinal Cord Injury. In: O'Sullivan S, Schmitz T, eds. *Physical Rehabilitation Assessment and Treatment*. 5<sup>th</sup> ed. Philadelphia, PA: F.A. Davis; 2007:937-998.
- Fulk GD, Geller A. Traumatic Brain Injury. In: O'Sullivan S, Schmitz T, eds. *Physical Rehabilitation Assessment and Treatment*. 4<sup>th</sup> ed. Philadelphia, PA: F.A. Davis; 2001:783-820.

### **Peer reviewed abstracts/conference presentations:**

- Fulk GD, Echternach JL, Nof L. Test Retest Reliability and Minimal Detectable Change of Gait Speed in Individuals Undergoing Rehabilitation after Stroke. Platform presentation at APTA CSM February 2007. *Journal of Neurologic Physical Therapy*. 2006;30:196-197.
- Fulk GD, Echternach JL, Nof L, Long R. Predicting Home and Community Walking Ability after Stroke. NYPTA Bi-annual meeting. October 27-28, 2006.
- White D, Burdick K, Fulk GD, Searleman J, Carroll J. A Virtual Reality Application for Stroke Patient Rehabilitation. Platform presentation at: 11th Annual Cyber Therapy 2006 Conference: Virtual Healing: Designing Reality. June 12-15, 2006. *Cyber Psychology and Behavior*. 2006;9:726-727.
- Sonar A, Carroll J, Fulk GD, Wood C, Searleman J. Development of a Virtual Reality-based Power Wheelchair Simulator. Poster presentation at: 11th Annual Cyber Therapy 2006 Conference: Virtual Healing: Designing Reality. June 12-15, 2006. *Cyber Psychology and Behavior*. 2006;9:718-719



- Errico DE, Fulk GD. Assessing Mild Head Injury in Athletes Utilizing the NeuroCom SMART Balance Master®. Poster presentation at Canadian Athletic Therapists Association annual conference. May, 2006.
- Fulk GD, Nation P, Carroll J. Virtual Reality: Applications for Rehabilitation. Brain Injury Association of New Hampshire 22<sup>nd</sup> Annual Brain Injury & Stroke Conference. May 17, 2006.
- White D, Burdick K, Fulk G, Searleman J, Carroll J. A Virtual Reality Application for Stroke Patient Rehabilitation. IEEE International Conference on Mechatronics & Automation, Niagara Falls, Canada, July 2005, pp. 1081-1086.
- Sonar AV, Burdick K, Begin R, Resch E, Thompson E, Thacher E, Searleman J, Fulk G, Carroll J. Development of a Virtual Reality-based Power Wheel Chair Simulator. IEEE International Conference on Mechatronics & Automation, Niagara Falls, Canada, July 2005, pp. 222-229.
- Fulk GD. Measuring and Predicting Walking Ability after Stroke. Brain Injury Association of New Hampshire 22<sup>nd</sup> Annual Brain Injury & Stroke Conference. May 11, 2005.
- Fulk GD, Echternach J, Nof L, O'Sullivan S, Levy A, and Long R. Measurement properties of the 6-minute walk test in individuals undergoing post-stroke rehabilitation. Poster presentation at APTA CSM, February 2005. *Journal of Neurologic Physical Therapy*. 2004;28:181.
- Fulk GD, Stowell T. Body weight support gait training for an individual with a chronic spinal cord injury. Poster presentation at APTA CSM, February 2004. *Journal of Neurologic Physical Therapy*. 2003;27:176.
- Fulk GD, Russek L, Searleman J and Thacher E. Designing and building a virtual reality power wheelchair. Poster presentation at APTA CSM. February 2004. *Journal of Neurologic Physical Therapy*. 2003;27:181.
- Pidgeon D, Fulk GD. Slips, Trips, and Falls - Avoid Them All: Designing and Implementing a Community Based Multifactorial Falls Reduction Intervention Program. Poster presentation at APTA CSM, February 2003. *Journal of Geriatric Physical Therapy*. 2002;25(3):37-38.
- Pidgeon D, Fulk GD. A Statewide Effort to Reduce Falls and Fall Risk: A Community Based Project. Poster presentation at: The New Hampshire Chapter of the APTA Annual Meeting, November 2001.
- Fulk GD. McConnell Shoulder Taping Techniques for the Hemiparetic Upper Extremity: A Case Study. Presented at: The Many Faces of Stroke, Brain Injury Association of New Hampshire Stroke Rehabilitation Conference, October 1999.

## **Invited Scientific and Professional Presentations:**

- Measuring Walking Ability after Stroke: An Evidenced Based Approach. Presented at NYPTA Central District Meeting, Syracuse, NY, March 2007.
- On the Move with Multiple Sclerosis: An Exercise Program for Everyone. Presented at the Upstate New York Chapter of the National Multiple Sclerosis Society lecture series, Potsdam, NY, May 2006.
- Locomotor Training with Body Weight Support and Treadmill: Applications for Individuals with Neurological Disorders. Presented at St. Regis Nursing Home, Massena, NY, April 2006.
- Body Weight Support Gait Training: A Review of the Literature and a Case Report Presentation. Presented at the New Hampshire Chapter of the APTA continuing education evening lecture series, October 2003.
- Virtual Reality in Rehabilitation. Presented at Good Shepherd Day, Good Shepherd Rehabilitation Hospital, Allentown, PA, June 2003 with James Carroll, Ph.D..
- Hooked on Evidence: How to get Involved. Presented at the Brain Injury Special Interest Group business meeting at CSM, February 2003.
- Fuller R, Fulk GD, Stowell T. Overview of Aquatic Biofeedback. Presented at: Biofeedback Society of New England, March 2001.

## **Grant Activity:**

- Co-Investigator for NIH R01 grant entitled: Phased-Locked Postural Perturbation Psychophysical Models. PI: Dr. Charles Robinson, other Co-Is: Dr. Erik Bolt and Dr. Robert Schilling. Funded in the amount of \$1.59 million over 4 years, 4/2007.
- Co-Investigator for subcontract through University of Iowa, TACOM virtual soldier project: Development of a Real-time Whole-Body Human-Computer Interface for the Santos Environment Using Vicon Motion Capture Hardware. Co-I with James J. Carroll, PhD, 12/2006, funded in the amount of \$32,000.
- Co-Primary Investigator for: Evaluation of a Wheelchair Mounted Robot to Improve Function for Persons with Multiple Sclerosis. National Multiple Sclerosis Society, January 2005-December 2005. Co-PI with Aman Behal, Ph.D. and Mary Jane Frick, OT. Funded in the amount of \$44,000.
- Primary Investigator for: Concurrent and Predictive Validity of the Six Minute Walk Test in Individuals with Stroke. New York Physical Therapy Association, June 2004-October 2005. Funded in the amount of \$2,398.11.

### **Journal Reviewer:**

- Ad Hoc Reviewer: *Journal of Neurologic Physical Therapy*, 2004-present

### **Membership in Professional Societies:**

- American Physical Therapy Association  
1993- present
  - New Hampshire Chapter: 1993-present
    - Research Committee: Chair; 2000-2002
    - Secretary: 1995-1997
  - New York Chapter: 2002-present
  - Neurology Section: 1999-present
    - Brain Injury Special Interest Group: 2003-present
    - Member of Hooked on Evidence Spinal Cord Injury gait training group
      - Submitted 3 extractions.
  - Education Section: 2002-present
  - Section on Research: 2002-present

### **Advisory Positions:**

- Independent Services Network, Inc.  
Manchester, NH  
October 1999 to May 2002  
Advisory Board
- Hesser College  
Physical Therapist Assistant Program  
Manchester, NH  
May 2001 to May 2002  
Advisory Board

## **Community Activities:**

- USA Tennis New England  
Wheelchair Tennis Committee  
July 1997 to May 2002
- Hooksett Youth Athletic Association  
Soccer and Tee Ball Coach  
Fall 2000 to June 2002
- Norwood-Norfolk Youth Athletics  
Little League, Soccer and Basketball Coach  
Spring 2003 to present