

Curriculum Vitae
David A. Browder, PT, DPT, MS, OCS

Educational Background

Education

1993 - 1997, Bachelor of Science Degree, Biology Major, United States Air Force Academy, Colorado Springs, CO. (Distinguished Graduate – Sigma Cum Laude)
1997 - 1999, Master of Science in Physical Therapy degree, U.S. Army-Baylor Physical Therapy program, Fort Sam Houston, TX.
Dec 1999, National Physical Therapy Exam Passed.
Dec 1999, Licensed to practice physical therapy in MD.
Jul 2002, Licensed to practice physical therapy in PA- #PT015585.
Aug 2002 – Apr 2004, Master of Science in Advanced Musculoskeletal Physical Therapy, University of Pittsburgh, School of Health and Rehabilitation Sciences, Pittsburgh, PA
Jan 2002 – Dec 2004, Transitional Doctor of Physical Therapy, University of Pittsburgh, School of Health and Rehabilitation Sciences, Pittsburgh, PA
Aug 2002 –May 2004, Centers for Rehab Services Orthopedic Manual Physical Therapy Fellowship at Center for Sports Medicine, Pittsburgh, PA.
Preceptor: Richard Erhard, DC, PT.

Military Education

1993-1997, Professional Military Education, United States Air Force Academy, Colorado Springs, CO.
1996, Free-fall Parachuting Course, United States Air Force Academy, Colorado Springs, CO.
1994, Survival Evasion Resistance Escape, United States Air Force Academy, Colorado Springs, CO.
2000, Officer's Professional Development Program, Andrews Air Force Base, MD
2001, Squadron Officer School (in residence), Maxwell AFB, Montgomery, AL

Other Training

1998, Medical Response to Biological Warfare and Terrorism, CDC, Eglin AFB, FL.
2000, Strategies for implementation of the DoD/VA Guidelines for Treatment of Low Back Pain – Center for Disease Control, Rockville, MD.
2000, Certified as Emergency Responder.
2005, Joint Operational Deployment Course, US Army Baylor PT Program.
2006, Advanced Physical Therapy Course (Director)
2007, US Army Advanced Clinical/Operational Practice Course (Instructor)

Work Experience

July 1999 – July 2002: Staff Physical Therapist at Malcolm Grow Medical Center (MGMC), Andrews AFB, MD. Primarily acute outpatient orthopedic population and post-surgical rehab. Also served as primary inpatient physical therapist for a 60 bed hospital. Provided inpatient care to a geriatric and orthopedic acute post surgical population. Director of total joint pre-op program and subject matter expert for the DoD/VA LBP guidelines implementation for MGMC. Implemented an Acute Care satellite clinic start-up. Implemented and ran a spine specialty clinic to improve access to manipulation services

Aug 2002 – May 2004: Funded Air Force Institute of Technology Degree Program. University of Pittsburgh and Centers for Rehab Services Orthopedic Manual Physical Therapy Fellowship. Preceptor: Richard Erhard, DC, PT. 400+ hours of mentored clinical practice, 150+ hours of direct supervised patient care with Dr. Erhard and other mentors at the UPMC Spine Specialty Center and Center for Sports Medicine. Patient population was exclusively outpatient orthopedic population including college level and professional athletes. Multiple research projects were also completed (see below). Also included teaching assistance at doctoral level (Lower Extremity Orthopedics), assistance at continuing education courses (lumbar and thoracic spinal manipulation) and production of 2 DVDs as an adjunct to spinal manipulation continuing education courses.

Sep 2005 – January 2006: Flight Commander of the 332nd Expeditionary Medical Group PT/OT Flight at Balad Air Base, Iraq. Led staff of six to provide over 1000 outpatient visits/month and acute rehab to a large population of coalition and local national inpatients with complex battle traumas. Mass Casualty minimal team chief during two large mass casualty events.

June 2004 – Present: Senior Physical Therapist and (until Apr 2006) Director of Education, Training and Research at Wilford Hall Medical Center (WHMC), San Antonio, TX. Duties include patient care at the largest hospital in the Air Force with a primarily outpatient orthopedic population including direct access care. Credentials include ordering appropriate imaging, limited medication prescription and direct access. Provides direct access care to 3 elite soldier training programs: Pararescue, Combat Control team and survival instruction. Course director – USAF Advanced Physical Therapy Course, a 2 week intensive orthopedic and manual therapy continuing education course.

Apr 2006 – Aug 2007: Director of outpatient physical therapy services: manages the largest outpatient physical therapy service in the US Air Force. Led seven physical therapists and 20 ancillary staff providing more than 15,000 patient visits annually. Implemented practice model change which increased productivity without additional staffing and also provides more continuity of care for patients. The outpatient physical therapy service went from missing productivity goals by >10% to exceeding goals by >25% in one quarter.

Aug 2007 – April 2008: Implemented and Directs the WHMC/US Army-Baylor Center of Excellence. Manages the training and supervision of six 9-month interns, mentors 3 new

staff physical therapists completing residency training as well as two therapists completing fellowship training. The Center of Excellence utilized intern productivity to manage more than 440 new patients in its first quarter of operation, and is on track to recapture upwards of \$1.5M in out of network physical therapy costs. Interns drive in-service education, a culture of evidence based practice and training of ancillary staff. Assistant Faculty: US Army-Baylor University Doctor Program in Physical Therapy.

Jan 2006 – Present: Faculty, EvidenceInMotion (EIM): Teaches orthopedic and manual physical therapy continuing education courses and assists in design and implementation of a national Residency and Fellowship training network.

Memberships in Professional Associations and Offices Held

Assistant Professor, US Army Baylor Doctor Program in Physical Therapy: 2007
Article Reviewer, Journal of Orthopaedic and Sports Physical Therapy, 2006
American Academy of Orthopedic Manual Physical Therapists: 2003 – Present.
American Physical Therapy Association: 1999 – Present.
Tri-Beta Biological Honor Society, 1996- Present.

Awards and Honors

Air Force Meritorious Service Medal, 2008.
Air Force Meritorious Unit Award, 332 AEW, OIF III
Air Force Commendation Medal (1st Oak Leaf Cluster), 2006
2004 George J. Davies – James A. Gould Excellence in Clinical Inquiry Award, Journal of Orthopaedic and Sports Physical Therapy.
American Board of Physical Therapy Specialties Orthopedic Certified Specialist, 2003.
Air Force Commendation Medal, 2001
89th Surgical Operations Squadron Company Grade Officer of the Year, 2000.
Distinguished Graduate (sigma cum laude), United States Air Force Academy, 1997.
Eagle Scout Award, Boy Scouts of America, 1992.

Professional Publications

Browder D, Childs J, Cleland J, Fritz J. *The Effectiveness of a Specific Extension-Oriented Exercise Approach in a Subgroup of Patients with Low Back Pain: A Randomized Clinical Trial*. Published Ahead of Print: Physical Therapy Journal. Dec 2007.

Piva S, Fitzgerald K, Irrgang J, Jones S, Hando B, Browder D, Childs J. *Reliability of measures of impairments associated with patellofemoral pain syndrome*. BMC Musculoskeletal Disorders. Apr 2006.

Browder D, Erhard R. *Decision Making for a Painful Hip: A Case Requiring Referral*. Journal of Orthopaedic and Sports Physical Therapy, Oct 2005.

Piva S, Erhard R, Childs J, Browder D. *Inter-tester Reliability of Measurements of Passive Intervertebral and Active Movements of the Cervical Spine*. Manual Therapy. Abstract appears in Journal of Manual and Manipulative Therapy; 11:3, 2003.

Browder D, Erhard R, Piva S. *Intermittent Cervical Traction and Manipulation for the Management of Cervical Compressive Myelopathy Attributed to Cervical Herniated Disc*. Journal of Orthopaedic and Sports Physical Therapy, Nov 2004. (2004 JOSPT Excellence in Clinical Inquiry Award)

Girrbach R, Flynn T, Browder D et al. *Flexural Wave Propagation Velocity and Bone Mineral Density in Females With and Without Tibial Bone Stress Injuries*. Journal of Orthopaedic and Sports Physical Therapy, Feb 2001.

Professional Presentations

CSM 2008: Low Back Pain Paradigm Shift: A Treatment Based Classification Approach with Introduction to Spinal Manipulation. 16 hour pre-conference course.

Browder D, Childs J, Cleland J, Fritz J. *The Effectiveness of a Specific Extension-Oriented Exercise Approach in a Subgroup of Patients with Low Back Pain: A Randomized Clinical Trial*. Presented at the 2007 Combined Sections Meeting of the APTA; Abstract published JOSPT Jan 2007.

Browder D, Enseki K, Fritz J. *Inter-Tester Reliability of Hip Range of Motion Measurements and Special Tests*. Role: Primary Investigator. Presented at the 2004 Combined Sections Meeting of the APTA. Abstract published JOSPT Feb 2004.

Browder D, Erhard R, Piva S. *Intermittent Cervical Traction and Manipulation for the Management of Cervical Compressive Myelopathy Attributed to Cervical Herniated Disc*. Presented at the 2004 Combined Sections Meeting of the APTA.

Piva S, Erhard R, Browder D, Childs J. *Inter-tester Reliability of Measurements of Passive Intervertebral and Active Movements of the Cervical Spine*. Presented at the 9th Annual Meeting of the American Academy of Orthopedic Manual Physical Therapists, Oct 2003.

Girrbach R, Flynn T, Browder D. *Flexural Wave Propagation Velocity and Bone Mineral Density in Females With and Without Tibial Bone Stress Injuries*. Presented at the 2000 Combined Sections Meeting of the APTA.

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