

KEVIN LYLE BROWNE, PT, ScD, OCS, COMT
University of Texas at El Paso
E-mail: klbrowne@utep.edu and kevinlbrowne@gmail.com
Office Phone (915) 747.6122 Mobile (781) 835.5045

EDUCATION

ScD., Physical Therapy (May 2015)
Texas Tech University - Lubbock, Texas
Clinical Teaching Track

MSc., Physical Therapy, (May, 1992)
Andrews University- Berrien Springs, MI
Cum Laude, Faculty Phi Kappa Phi Honors Society Nominee

BS., Concentration Anatomy and Physiology (May, 1991)
Andrews University- Berrien Springs, MI

PROFESSIONAL AND POTENTIAL RESEARCH INTERESTS

Interdisciplinary Education and Relational Coordination; Continuing Education; Clinical Pathways, Comparative Effectiveness and Cost Containment in Musculoskeletal Medicine; Musculoskeletal Clinical Differential Diagnosis; Manual Therapy

EXPERIENCE

University of Texas at El Paso, El Paso, TX (August 2016-Current)
Assistant Professor, Doctor of Physical Therapy Program

Texas Tech University Health Sciences Center, Lubbock, TX (March 2013-Current)
Assistant Professor, School of Nursing, TTUHSC

Texas Tech University Health Sciences Center, Lubbock, TX (March 2013-May 2016)
Recurrent Faculty, Doctor of Physical Therapy Program, TTUHSC

University Medical Center, County Hospital, Lubbock, TX (March 2013-July 2016)
Staff Physical Therapist: Inpatient Acute Care, Outpatient and Collaborative Research

Harvard Vanguard Medical Associates, Watertown, MA (Oct 2009 - March 2013)
Staff Physical Therapist
Service: Program and Department Development, Staff Education, Clinical Instructor
Expertise: Spinal rehabilitation, shoulder dysfunction, differential diagnosis

Richard Bader Physical Therapy, Private Practice, Norway, ME (May 2009-Sept 2009)
Temporary Contract Physical Therapist

The Back Center, Private Practice, Brunswick, ME (Dec 2003 - Aug 2007)
President and Founder

Established and ran an outpatient orthopedic physical therapy clinic
Education through physician and community newsletters, wellness personnel coaching
Expertise: Spinal and extremity rehabilitation, adult and adolescent orthopedics

HealthSouth Corporation: Kansas City and Brunswick, ME (Mar 1997-Jul 2003)
Staff Physical Therapist

Staff in-house professional education on manual therapy, differential diagnosis
Expertise: Spinal dysfunction and rehabilitation, work reconditioning, sports medicine and general orthopedics including cumulative trauma and post-surgical

Professional Rehab Services, Private Practice, Kansas City (Nov 1995-Feb 1997)
Staff Physical Therapist

Rural outpatient clinic, prison and mental health facilities
Experience: Sports medicine and general orthopedics including cumulative trauma and post-surgical. Delegation of treatment plan to facility PT assistants with weekly follow-ups.

Canon Valley Physical Therapy, Private Practice, Faribault, MN (Jul 1994-Jul 1995)
Staff Physical Therapist

Inpatient Physical Therapy Delivered in a Rural Acute Care Hospital
Experience: Rural hospital patient care, skilled nursing PRN

Owatonna Hospital, Community Hospital, Owatonna, MN (Oct 1992-Jun 1994)
Staff Physical Therapist

Inpatient and Outpatient Rehabilitative Services. Care Delivery in Rural Acute Setting
Experience: Work place screening, functional capacity evaluation, patient care

OTHER RELEVANT EXPERIENCE

Top English School of Today, Chisinau, Moldova (Sept 2007-Apr 2009)
English Language Teacher

Developed courses and taught Proficiency and Advanced English to adults and teens
Business English course for corporate executives
Mentored high school and university students on their personal and professional growth

PROFESSIONAL AFFILIATIONS

Membership: American Physical Therapy Association, Orthopedics Section
Membership: International Academy of Orthopedic Medicine, US

CONTINUING PROFESSIONAL EDUCATION

- ScD Program, Texas Tech:
 - Professional Issues and Ethics
 - Curriculum Design and Teaching in Allied Health
 - Education Evaluation in Health Care
 - Orthopedic Physical Therapy Medical Screening
 - Health Care Management
 - Radiologic Anatomy
 - Neuroscience in Orthopedics
 - Motor Control in Orthopedic Physical Therapy
 - Advanced Clinical Practice Courses for Spine and Extremities

- ScD Program, Texas Tech Clinical Courses with the International Academy of Orthopedic Medicine, Clinical Examination and Manual Therapy of:
 - Recurrent and Chronic Low Back Pain
 - Acute Lumbar and Sacroiliac Joint
 - Thoracic Spine and Ribs
 - Lower Cervical Spine: Disc, Facet and UncoVertebral Joint Pathology
 - Thoracic Outlet Syndrome and CervicoThoracic Junction
 - Upper Cervical Spine and Headaches
 - IAOM: Comprehensive Cervical, Thoracic, Lumbar and Sacral Restabilization
 - IAOM: Extremities: Hip, Shoulder, Ankle/Foot, Elbow, Wrist and Thumb
 - SenMoCOR Lower Extremity

- Numerous Other Orthopedic Related Continuing Education/Conferences
 - *OCS Specialty Examination Prep Course: Current*
 - Current Concepts in Sports Medicine: Shoulder and Knee Rehabilitation
 - Nordic Approach Differential Diagnosis: Neck and Shoulder
 - Nordic Approach Differential Diagnosis: Lumbar and Hip
 - Maitland Approach, Lumbar Spine
 - Mobilization of the Nervous System: Two Separate Courses
 - Cumulative Trauma and Double Crush of the Upper Extremity
 - Primal Reflex Release
 - Work Hardening/Conditioning Training
 - Intro to Concepts and Application: Movement Impairment Syndromes
 - Functional Rehabilitation Using Foam Roller
 - Introduction to Feldenkrais Concept
 - Unloading Systems and Orthopaedic Physical Therapy
 - Cervico-Thoracic Spine: Kaltenborn-Evjenth Concept
 - International Academy of Orthopedic Medicine International Forum
 - Value in Musculoskeletal Care: US Bone and Joint Initiative
 - Acute Care Lab Values: APTA
 - Interprofessional Education and Care

TEACHING

University of Texas at El Paso, Doctor of Physical Therapy Program

Fall 2016: Exercise Physiology and Exercise Prescription

Texas Tech University Health Sciences Center, DPT Program Lab Instructor

Summer 2013: Clinical Anatomy and Clinical Reasoning II

Fall 2013 and 2014: Systems Screening

Spring 2014 and 2015: Therapeutic Modalities

Summer 2014: Clinical Reasoning II

TTUHSC School of Nursing Graduate Department: Guest Lecturer

Nurse Practitioner Program Musculoskeletal Pediatric Contact Session: Spring 2014

Nurse Practitioner Adult Assessment Musculoskeletal Contact Session: Summer 2014

Musculoskeletal Content, Video Production for Nurse Practitioner Program: Current

Lubbock Christian University Department of Nursing: Guest Lecturer

Family Nurse Practitioner: Musculoskeletal Lab: Knee & Lumbar Spine: Spring 2015

Family Nurse Practitioner: Musculoskeletal Principles and Assessment: Spring 2016

ADDRESSES AND PRESENTATIONS

TTUHS Student Research Week: Poster Presentations: Spring 2015

Presenter and Second Place Prize Winner: *The Tensile Properties of the Iliotibial Band: An Unembalmed Cadaveric Investigation*

South Central Regional Chapter of the American Society of Biomechanics Annual Meeting. Ft Worth, TX: March 2015

Collaborator: *"The relationship between measures of foot mobility and subtalar joint stiffness using vibration energy with color Doppler imaging"*

TTUHSC Graduate School of Nursing: APRN Faculty Engagement Day: Spring 2015

"Integrating Musculoskeletal Content into the APRN Curriculum"

Texas Nurse Practitioner Association Annual Meeting: September 2014

"Essentials of Musculoskeletal Assessment and Triage"

ScD Teaching Project: June 2014

Accredited Continuing Education Course: American Association of Nurse Practitioners

"Management of Upper Extremity Pain Disorders for Primary Care Practitioners"

TTUHS Student Research Week: Poster Presentations: Spring 2014

Presenter: *Iliotibial Band Deformation Under Simulated Clinical Physiological Tension Load. A Cadaveric Investigation*

Collaborator: *Color Doppler Imaging for the Assessment of Subtalar Joint Laxity: A Study on Human Cadaveric Subtalar Joints:*

Harvard Vanguard Medical Associates: Watertown, MA

Committee member for Acute Low Back Pain Initiative IM collaboration, PT Clinical Ladder
Physical Therapy Staff Education: Manual Exam & Treatment of the Ribs, and Tennis Elbow
Physical Therapy Primer, Professional Issues: HVMA Medical Resident Education
Practice Management Proposal for Primary Care Staff: Practical Musculoskeletal Triage
Pathoanatomy and Pathophysiology of the Lumbar Spine: Referral considerations for
Nurse Practitioners & MDs in Internal Medicine and Pediatrics, Watertown

The Back Center:

The Lumbar Spine Stability Patient: Pilates Staff Education, Class Development
Musculoskeletal Imbalances and Women's Weight Training: Fitness Studio Staff Training
Exercise and Aging in Lower Back Pain for Women: Fitness Studio Member Training
Explaining Pain, Management Principles: Hospital Based Chronic Pain Support Group
Bowdoin College Education and Wellness Fair: Invited Participant
Community Newsletter: Educating patients and promoting wellness
Physician Newsletter, Clinical Pearls: Principles of Musculoskeletal Management

HealthSouth Corporation:

Evaluation and Treatment of the Sacroiliac Complex: Multi-location staff presentation

RESEARCH

Published Manuscript:

Browne K, Merrill E. Musculoskeletal management matters. Principles of assessment and triage for the nurse practitioner. *The Journal For Nurse Practitioners*. 2015; 11(10):929-939.

Kublawi M, Hooper TL, Nagar VR, Wilhelm M, Browne K, Brismée J-M, Sizer P. The effect of distractive function on volitional preemptive abdominal contraction during a loaded forward reach in normal subjects. *PMR*, 2016; 4; S1934-1482.

Abstract: Pape J, Brismée JM, Sizer PS, Matthijs O, Browne K, Dewan B, Sobczak S. Increased Spinal Height Using Propped Slouched Sitting Postures: Innovative Ways To Rehydrate Intervertebral Discs. *Manual Therapy*; 2016;25:e160-161; Electronic Publication
[http://www.manualtherapyjournal.com/article/S1356-689X\(16\)30345-9/fulltext](http://www.manualtherapyjournal.com/article/S1356-689X(16)30345-9/fulltext)

Submitted Manuscript:

Browne K, Hilliard T, Diersing D. Assessment and management of walking program patients with musculoskeletal conditions. *JNP*, 2016; Submitted.

Wilhelm M, Matthijs O, Browne K, Seeber G, Hanel A, Sizer P, Brismee JM, James CR, Gilbert K. Deformation response of the iliotibial band-tensor fascia latae complex to longitudinal tension loading in vitro. *IJSPT*, 2016; Submitted.

Hooper T, James CR, Brismée JM, Browne K, Sizer P. Y-Balance test performance in people with existing and a history of recurrent low back pain and the effect of a volitional stabilization contraction. *Physical Therapy and Sport*, 2016; Submitted

Brismée J, Sizer P, Pape J, Browne K. Effects of propped slouched sitting postures on spinal height after a period of trunk loading. *Spine*, 2016; Submitted.

Manuscripts in Progress:

Browne K, Hooper T, Allen B, Brismée JM, Merrill E, Sizer PS. Diagnosis and management of elbow pain and dysfunction.

Lodato A, Jarman N, Hooper T, Browne K, Brismée J-M, James CR, Sizer P. The effects of donning football equipment on deep neck flexor activation during neck flexor endurance test performance.

Browne K, Merrill E, Allen B, Hooper T, Brismée JM, Sizer PS. The burden of musculoskeletal education.

Research in Progress:

Hay M, Phillips L, Corpuz M, Browne K, Fox T, Flores L. Effectiveness of glider rocker versus continuous passive motion machine after total knee arthroplasty.