

## Curriculum Vitae

**Elizabeth (Beth) Stone Norris, PhD, PT, OCS**

700 1<sup>st</sup> Avenue

Bowling Green, KY 42101

Work E-mail: Elizabeth.norris @wku.edu

**Western Kentucky University**

### **Education:**

PhD	Seton Hall University, South Orange, NJ	2003	Health Science
MS	Springfield College, Springfield, MA	1990	Exercise Physiology
BS	University of TN Center for Health Sciences, Memphis, TN	1986	Physical Therapy
BS	Austin Peay State University, Clarksville, TN	1985	Chemistry

### **Certifications:**

#### **American Board of Physical Therapy Specialties**

- Board Certified Clinical Specialist in Orthopaedic Physical Therapy (SCS), Feb 1996, recertification 2005; recertification 2015

#### **Yoga Alliance Registered Yoga Teacher**

- Experienced Registered Yoga Teacher at the 500 Hour Certification Level (ERYT-500)

### **Physical Therapy Licensure Information/Registration Number:**

Tennessee 1574

Kentucky 006824

### **Employment and Positions Held:**

#### **Academic Employment**

8/2013-present	Associate Professor, Western Kentucky University, Doctor of Physical Therapy program.
8/2012-12/2013	Adjunct, Austin Peay State University, Department of Health and Human Performance
9/2005 – 5/2011	Assistant Professor, TWU, School of Physical Therapy, Dallas, TX
9/2005 – 12/2005;	Lecturer, Dominican College, Orangeburg, NY
9/2001;	Department of Physical Therapy
9/1999 -5/2000	

#### **Clinical Employment**

6/2016-present	PRN Physical Therapy, Five Star Rehabilitation and Wellness
5/2012-6/2014	PRN Physical Therapist, Select Physical Therapy, TN
6/2011-5/2012	Market Manager, Select Physical Therapy Services, TN
10/2003 – 2/2005	Director of Ancillary Rehabilitation Services Resurgens Orthopaedics, Atlanta, GA

1/1999 – 3/2003 Director of Comprehensive Rehabilitation Center  
Saint Barnabas Health Care System, Livingston, NJ

4/1998 – 1/1999 Staff Physical Therapist  
Saint Barnabas Health Care System, Livingston, NJ

5/1993 – 4/1998 Management Consultant, Independent Contractor

10/1995 – 1/1997 Clinic Director  
NovaCare Outpatient Centers, Greenwood Village, CO

4/1995 – 1/1995 Coordinator of Physical Therapy  
HealthSouth, Glendale, CO

7/1989 – 4/1993 Department Leader- Physical Therapy  
Center for Spine Rehabilitation, Englewood, CO

10/1987 – 5/1989 Staff Physical Therapist  
Physical Therapy and Sports Medicine Associates, Windsor, CT

1/1987 – 10/1987 Staff Physical Therapist  
Wintonbury Continuing Care Center, Bloomfield, CT

**Peer-Reviewed Publications:**

- **Norris B**, Neely K, Wright E, Riffey M, Sims, S. Reliability and concurrent validity of a smartphone application measuring hip mobility. *Journal of Rehabilitation Sciences and Research*. 2016; 3(4): 77-84.
- Furgal K, **Norris B**. Feasibility and implementation of a video-based yoga program in a special education setting using a collaborative model. *MOJ Yoga and Physical Therapy*. 2016; 1(1): 1-4.
- **Norris B**, Hubbuch E, Ford A, Allen W. The relationship of weight-bearing and non-weight bearing ankle dorsiflexion to balance and gait performance in young and older adults. *Physical Therapy and Rehabilitation*. 2016; 3(6): 1-8.
- **Norris B**, Wallmann H. Static and dynamic balance after ankle plantarflexion fatigue in older adults. *Physical & Occupational Therapy in Geriatrics*. 2016; 34(1): 57-70
- **Norris B**, Trudelle-Jackson E. Hip and thigh muscle activity during performance of the star excursion balance test. *Journal of Sport Rehabilitation*. 2011; 20(4): 428-441.
- **Norris, B**, Olson S. Concurrent validity and reliability of two-dimensional video analysis of hip and knee motion during mechanical lifting. *Physiotherapy Theory and Practice*. 2011; 27(7): 521-530.
- **Norris B**, Medley A. The effect of attentional context and balance confidence on functional reach ability in healthy older adults. *Physical Medicine & Rehabilitation*. 2011; 3(9): 811-816.
- **Norris B**, Medley A. The effect of context on functional reach ability in healthy adults ages 21-94. *Journal of Geriatric Physical Therapy*, 2011; 34(2): 82-87.

### **Manuscripts in Submission**

- Furgal K, **Norris E**, Young S, Wallmann H. Psychometric properties of the professionalism in physical therapy core values-self assessment tool. In revision with *Journal of Allied Health*.
- VanWye R, Wallmann H, **Norris E**, Furgal K. Physical therapist examination reveals a nerve injury in a patient with a chief complaint of knee pain following dilation and curettage. a case report. In submission with *Physiotherapy Theory & Practice*.
- Falls D, Shake M, **Norris E**, Arnett S, Crandall J. A mobile application for improving gait in community-dwelling older adults. In submission with *J of Aging and Physical Activity*.
- Young S, **Norris E**, Taylor L, Mahoney B, Le D, McCandless S. Prevalence of and risk factors associated with congenital anomalies of the nervous system in Kentucky 2000-2010. In submission with *Annals of Epidemiology*.

### **Book Chapters in Submission**

- **Norris E**. Yoga for Orthopedic Dysfunction. In submission with SLACK, Incorporated as book chapter in *Foundations of Orthopedic Physical Therapy*.
- **Norris E**, Wang S. Differential diagnosis and manual therapy of the lumbar spine and pelvic. In submission with SLACK, Incorporated as book chapter in *Foundations of Orthopedic Physical Therapy*

### **Manuscripts in Preparation**

- **Norris E**. Dysfunction, evaluation, diagnosis and treatment of the knee: non-surgical and surgical. In preparation as book chapter in *Foundations of Orthopedic Physical Therapy*, published by SLACK, Incorporated.
- Hoover DH, **Norris E**, Arnett S, Steenbergen K. Pre-program assessment for fall-related injury prevention in a rural community: a prospective study. In preparation for *Journal of Geriatric Physical Therapy*.
- **Norris B**, Harlan J, Dahl D., Boone L, Furgal K. Spatiotemporal gait parameters during short and long distance walking tests in healthy young and older adults. In preparation for submission to *Geriatrics*.
- **Norris B**, Medley A. Test-Retest reliability and minimal detectable change for spatio-temporal gait parameters during dynamic gait tasks in healthy young and older adults. In preparation for *Journal of Geriatric Physical Therapy*.

### **Published Abstracts:**

- **Norris E**, Hoover D, Alvey K, Bowers A, Grothe J, Vincent E. The effect of temperature and experience on acute musculoskeletal and cardiovascular responses during yoga. *Medicine & Science in Sports & Exercise*. 2017; 49(5): S209.
- Crandall J, Falls D, Shake M, **Norris E**, Arnett S, Dispenmette K, Mathews R. A mobile application for improving gait characteristics in community-dwelling older adults. *Medicine & Science in Sports & Exercise*. 2017; 49(5): S171-S172.
- J Harlan, **E Norris**, D Dahl, L Gunn, K Furgal. Spatiotemporal gait parameters during short and long distance walk tests in healthy young and older adults. *J of Geriatric Physical Therapy*. 2016; 39: E64.

- **Norris E**, Hubbuch E, Ford A, Allen W. The relationship of weigh-bearing and non-weight bearing ankle dorsiflexion to functional performance. *J Othro Sports Phys Ther.* 2016; 46(1): A121.
- **Norris B**, McMullen RS, Weatherholt WT, Arnett SW, Judge LW, Schafer MA, Hoover DL. Cross-country cycling does not significantly affect bone mineral density measures. *J Strength Cond Res.* 2016; 30(S1): S155.
- Judge LW, Bellar DM, **Norris B**, McMullen RS, Weatherholt WT, Arnett SA, Schafer MA, Hoover DL. Novice cyclists show improved aerobic fitness measures following ride across United States. *J Strength Cond Res.* 2016; 30(S1): S22-23.
- Arnett SW, **Norris B**, Weatherholt WT, McMullen RS, Judge LW, Schafer MA, Hoover DL. Ratings of perceived exertion lessened following bike ride across America. *J Strength Cond Res.* 2016; 30(S1): S23.
- **Norris B**, Medley A, Antes K, Bireley J, Kunze C, Mandeville H, Miller C, Selby K. Test-Retest reliability and minimal detectable change for spatio-temporal gait parameters during dynamic gait tasks in healthy young and older adults. *Journal of Geriatric Physical Therapy.* 2011; 34:S10.
- **Norris B**, Medley A. Postural control during context oriented functional reach in healthy adults. *Journal of Geriatric Physical Therapy.* 2010; 33:S48.
- **Norris B**, Trudelle-Jackson E. Hip and thigh muscle activity during the star excursion balance test. *J Orthop Sports Phys Ther* 2010; 40(1):A99-A109.
- **Norris B**, Medley A. (2010). The effect of balance confidence and context on functional reach in healthy older adults. *Journal of Geriatric Physical Therapy.* Available at <http://www.geriaticsppt.org>
- **Norris B**, Medley A (2009). The effect of context and age on functional reach ability in healthy adults ages 21-89. *Journal of Geriatric Physical Therapy.* Available at <http://www.geriaticsppt.org>
- **Norris B**, Medley A. The effect of context on functional reach ability in healthy adults. *Journal of Neurologic Physical Therapy*, 2007, 31:195.

Peer-Reviewed Scientific and Professional Presentations:

- **Norris E**, Renfrow B, Hartig C, Jones B. Acute effects of a yoga based warmup compared to a traditional dynamic warmup on measures of athletic performance. In submission for poster presentation at 2018 American Physical Therapy Association Combined Sections Meeting, New Orleans, LA.
- **Norris E**, Burke E, Newton M, Sydnor T, Turner M, Furgal K, Wallmann H. Limb dominance and symmetry during functional performance tests. In submission for poster presentation at 2018 American Physical Therapy Association Combined Sections Meeting, New Orleans, LA.
- Chumbley A, Clayton MB, Young S, Downing T, VanArsdall N, Watson C, VanWye R, **Norris E**, The effects of orthotics and whole body vibration on gait, balance, and gross motor functions in children with down syndrome. In submission for poster presentation at 2018 American Physical Therapy Association Combined Sections Meeting, New Orleans, LA.
- **Norris B**, Acute effects of a yoga based warmup compared to a traditional dynamic warmup on measures of athletic performance. In submission for poster presentation at 2018 American Physical Therapy Association Combined Sections Meeting, New Orleans, LA.

- **Norris B**, Bower A, Grothe J, Vincent E, Walters K, Hoover D. (2017). Acute musculoskeletal, cardiovascular and psychological responses during hot yoga and yoga at standard room temperature. American Physical Therapy Association NEXT conference. Boston, MA. June 2017.
- **Norris B**, Bower A, Grothe J, Vincent E, Walters K, Hoover D. (2017). The effect of temperature and experience on acute musculoskeletal and cardiovascular responses during yoga. ACSM Annual Conference, May 2017, Denver CO.
- Taylor L, Young S, Le D, Mahoney B, McCandless S, **Norris E**. Prevalence of and risk factors associated with congenital anomalies of the nervous system in Kentucky 2000-2010. APTA Academy of Pediatric Physical Therapy Annual Conference, Nov. 2016, Denver CO.
- **Norris B**, Harlan J, Dahl D., Boone L, Furgal K. (2016). Stability of spatiotemporal gait parameters and gait variability long distance walking in older and young adults. American Physical Therapy NEXT conference, Nashville, TN.
- Steenbergen I, **Norris B**, Hoover D, Arnett S. (2016). Poster Presentation. Fall injury needs assessment in rural adults. American Physical Therapy NEXT conference, Nashville, TN.
- **Norris B**, Neely K, Wright E., Riffey M., Sims, S. (2016). Poster Presentation. Reliability and concurrent validity of a smartphone application measuring hip mobility. American Physical Therapy Combined Sections Meeting, Anaheim, CA.
- **Norris B**, Hubbuch E, Allen W, Ford A. (2016). Poster Presentation. The relationship of weight bearing ankle dorsiflexion and functional performance. American Physical Therapy Combined Sections Meeting, Anaheim, CA
- Harlan J, **Norris B**, Dahl D., Boone L, Furgal K. (2016). Poster Presentation. Spatiotemporal gait parameters during short and long distance walking tests in healthy young and older adults. American Physical Therapy Combined Sections Meeting, Anaheim, CA
- **Norris ES**, McMullen RS, Weatherhold WT, Arnett SW, Judge LW, Schafer MA, Hoover DL. (2015). Poster Presentation. Cross-country cycling does not significantly affect bone mineral density measures. National Strength & Conditioning Association national conference. Orlando, FL.
- Judge, LW, Bellar DM, **Norris ES**, McMullen RS, Weatherhold WT, Arnett SW, Schafer MA, Hoover DL. (2015). Poster Presentation. Novice cyclists' show improved aerobic fitness measures following ride across United States. National Strength & Conditioning Association national conference. Orlando, FL.
- Arnett SW, **Norris ES**, Weatherholt WT, McMullen RS, Judge LW, Schafer MS, Hoover, DL. (2015). Ratings of perceived exertion lessened following bike ride across America. National Strength & Conditioning Association national conference. Orlando, FL.
- **Norris B**, Medley A, Antes K, Bireley J, Kunze C, Mandeville H, Miller C, Selby K. (2012). Poster Presentation. Test-Retest reliability and minimal detectable change for spatio-temporal gait parameters during dynamic gait tasks in healthy young and older adults. American Physical Therapy Combined Sections Meeting, Chicago, IL.

- **Norris B**, Medley A. (2011). Poster Presentation. Postural control during context oriented functional reach in healthy adults. American Physical Therapy Association, Combined Sections Meeting, New Orleans, LA.
- **Norris B**, Petterborg L. (2011). Poster Presentation. Computer assisted instruction as a supplement to traditional learning in a professional physical therapist education program. American Physical Therapy Association, Combined Sections Meeting, New Orleans, LA.
- **Norris B**, Medley A, Hoverstadt K, Lipman B, Rea J, Rooney M, Simonson S, Terrell T. Poster Presentation. (2010). Center of pressure measures of postural stability during context oriented functional reach in healthy adults. Texas Physical Therapy Association Annual Conference, Arlington, TX.
- **Norris B.**, Medley A. (2010). Poster Presentation. The effect of context and balance confidence on functional reach ability in healthy, older adults. American Physical Therapy Association, Combined Sections Meeting, San Diego, CA.
- **Norris B**, Trudelle-Jackson. (2010). Poster Presentation. Hip and thigh muscle activity during the star excursion balance test. APTA, CSM, San Diego, CA.
- Medley A, **Norris B**, Lea M, Mason M, Pham N, Rankin A, Green J, Moeller J, Young J. The effect of context and balance confidence on functional reach ability in healthy, older adults. Texas Physical Therapy Association Annual Conference, Austin, Tx
- **Norris B**, Medley A. (2009). Poster Presentation. The effect of context and age on functional reach ability in healthy adults ages 21-89. American Physical Therapy Association, Combined Sections Meeting, Las Vegas, NV.
- **Norris, B.** (2009). Poster Presentation. Reliability and validity of two-dimensional motion analysis of a dynamic lifting task. American Physical Therapy Association, Combined Sections Meeting, Las Vegas, NV.
- **Norris B**, Medley A. (2008). Platform Presentation. The effects of context on functional reach ability in healthy adults. American Physical Therapy Association, Combined Sections Meeting, Nashville, TN.
- **Norris B**, Pinto-Zipp G. (2003). Poster Presentation: The effects of practice under conditions of contextual interference on the interjoint coordination of squat lifting. New Jersey Physical Therapy Association, Annual Spring Conference, Woodbury, NJ.

**Non-Peer-Reviewed Presentations:**

- Young S, Norris E, Furgal K, Wallmann H. Effects of community service projects on the development of professional behaviors in physical therapy students. 2016. Poster Presentation at WKU CHHS REACH Week.
- **Norris B** (2012). Invited Presentation. Parkinson's Support Group- the Benefits of Exercise and Physical Therapy for Individuals with Parkinson's Disease.
- **Norris B**, (2011). Invited Presentation. Murfreesboro Running Club- The Benefits of Yoga for Runners.
- Luedtke-Hoffman K, **Norris B.** (2007). Invited Presentation. North Texas Physical Therapy Association - Evidence based practice: what is it and how do I do it?
- **Norris B.** (2009). Invited Presentation. The development of a multimedia instructional tool for medical kinesiology. Texas Physical Therapy Faculty Summit Annual Conference, Dallas, Tx

- **Norris B.** (1999). Invited Presentation. Annual Fall Conference - Analysis of scapular muscle activity during performance of shoulder rehabilitation exercises.
- **Norris B, Stiskall D.** (1999). Poster Presentation; Seton Hall University, 10<sup>th</sup> Annual Research Colloquium - Analysis of scapular muscle activity during performance of shoulder rehabilitation exercises.

### **Grant Activity**

#### **Funded**

- Civil Money Penalty Grant: listed as WKU Faculty Personnel to receive stipend over 3 summers: 2017 (\$2388), 2018 (\$2460), 2019 (\$2534).
- WKU QTAG Grant: **Norris B, Bower A, Grothe J, Vincent E, Walters K.** (DPT Graduate Students). The cardiovascular, musculoskeletal, and physiological effects of hot yoga on novice and experienced practitioners. Awarded: \$2844.60
- WKU CHHS Faculty Research Scholarship: **Norris, B.** The effect of therapeutic exercise to the plantar cutaneous receptors of the feet on balance and cutaneous sensation. Awarded \$1583.93; 2015
- WKU CHHS Faculty Research Scholarship: Young S, **Norris B, Furgal K.** Effects of a Community Service Project on the Development of Professional Behaviors in Physical Therapy Students. Awarded \$2291.00
- Faculty Development Grant: **Norris, B.** "The Development and Implementation of Multimedia Computer Assisted Instructional Modules: Application to Human Anatomy and Medical Kinesiology in a Doctor of Physical Therapy Program." Awarded \$1478; 2010-2011

#### **Not Funded**

- WKU RCAP II Grant: Application submitted Feb 2016 for the project titled "The effects of an 8 week hot yoga program on physical performance, physiological responses, mindfulness and perceived stress". Amount requested: \$7699.00.

### **Current Research Activity:**

#### **Graduate Research Supervisor:**

Currently Serving as Graduate Research Supervisor for the following projects:

- The development and implementation of a computer-assisted learning module for spine orthopedic rehabilitation. (2016-present)
- The effect of training with external focus of attention on balance ability of older adults. (2016-present)
- The effect of a yoga based dynamic warm-up on athletic performance. In-progress (2015-present).
- Defining the dominant leg: a comparison of power, strength and agility. In-progress (2015-present).

#### **Completed Graduate Research Projects functioning as Graduate Research Supervisor:**

- The cardiovascular, musculoskeletal, and physiological effects of hot yoga on novice and experienced practitioners (Oct 2014-May 2017).

- The effect of therapeutic exercise to the plantar cutaneous receptors of the feet on balance and cutaneous sensation. (Oct 2014-May 2014).
- Stability of spatiotemporal gait parameters and gait variability long distance walking in older and young adults. (2013-2016).
- Reliability and concurrent validity of a smartphone application measuring hip mobility. (2013-2016).
- The relationship of weight bearing ankle dorsiflexion and functional performance. (2013-2016).
- Test-Retest reliability and minimal detectable change for spatio-temporal gait parameters during dynamic gait tasks in healthy young and older adults. (2010-2012).
- Dynamic postural control during context oriented functional reach tasks. (2009-2011).
- The usefulness of context oriented functional reach and balance confidence in predicting fall risk. (2009-2011).
- Psychometric properties of context oriented functional reach tests. (2009-2011).
- The effect of context and balance confidence on functional reach ability in healthy older adults. (2008-2010).
- The effect of context and balance confidence on functional reach ability in healthy older adults- a pilot study. (2008-2010).
- Quantitative assessment of temporal spatial parameters gait in healthy older adults using the functional gait assessment. (2008-2010).
- Postural stability during a dynamic lifting task. (2007-2009)
- Hip muscle activity and lower extremity kinematics during the star excursion balance test. (2007-2009).
- The development of a kinesiology multimedia teaching tool for the shoulder region. (2007-2009).
- Reliability and validity of two-dimensional motion analysis of a dynamic lifting task. (2007-2009)
- A comparison of gait assessment using the functional gait assessment and GAITRite. (2006-2007).
- The reliability and validity of two-dimensional motion analysis of a lifting task. (2006-2007).
- The effect of context on functional reach ability in healthy adults. (2006-2007).
- Postural stability and perceived effort during speed and accuracy constrained aiming tasks. (2006-2007).
- The development of a kinesiology multimedia teaching tool for the foot and ankle. (2006-2007).

**Membership in Scientific/Professional Organizations:**

Member American Physical Therapy Association – 1987 to present

Orthopaedic Section – 1990 to present

Education Section- 2010 to present

Research Section – 2010 - present

Kentucky Physical Therapy Association – 2016 to present

Tennessee Physical Therapy Association – 2011 to present  
Phi Kappa Phi – lifetime member since 1991

**Services to the University/College/School on Committees/Councils/Commissions:**

**University Service**

University Curriculum Committee, member, Aug 2017-present  
DPT Program Representative, University Faculty Senate, Aug 2017-present  
REACH week Judge for oral presentations. March 27, 2015.  
DPT Library Liaison (Fall 2016-present)  
Allied Health Library Liaison (Fall 2014-May 2016)

**College Service**

CHHS Graduate Curriculum Committee, Member (Fall 2016-present)  
Research Advisory Committee, member (Aug 2015-present)  
CHHS Faculty Travel Committee (Fall 2015-May 2016); committee member  
CHHS Graduate Curriculum Committee, Alternate (Fall 2014-May 2016)  
KRS Master Thesis Committee (Fall 2015 to May 2017); member

**Department/Program Service**

DPT Faculty Search Committee (May 2017-June 2017: Member  
DPT Faculty Search Committee (Fall 2015-April 2016: Member  
DPT Faculty Search Committee (Fall 2014-April 2015: Chair  
DPT Program Assessment Committee (Fall 2014-present): Chair  
DPT Program Research Day Committee (Fall 2014-present): Chair  
DPT Program Admissions Committee (Fall 2013-present); committee member  
DPT Faculty Search Committee (Fall 2013-May 2014): committee member  
DPT Program, Research, Coordinator of DPT Student Research Project (Fall 2013- present)  
DPT Graduate Student Research Project Supervision: 7 involving 23 DPT students from 2013-2015.

**Professional Service**

**External Reviewer** for Physical Therapy Faculty Member Promotion: University of Michigan, Flint: June 2016-Aug 2016  
**Kentucky State Advocate for American Academy of Geriatrics** – August 2016-present.  
**NEXT Conference Session Moderator-** June 2016  
**Item Writer FSBPT-** May 2016-present  
**Western District Meeting, KPTA-** WKU DPT Research Showcase – May 2016  
**Manuscript Reviewer** for Gait & Posture, 2016-present  
**Manuscript Reviewer** for Journal of Sport Rehabilitation, 2011-present  
**Manuscript Reviewer** for Journal of Sport Physical Therapy 2014-present  
**Manuscript Reviewer** for International Journal of Exercise Science – 2014

## **Community Service**

### **Sunrise Rotary Club**

Guest Speaker, January 15, 2015. Topic: Yoga for Physical and Mental Wellness.

### **Hilldale United Methodist Church-Staff Parish Relations Committee,**

Committee Member, January 2, 2014 - Present.

**Yoga for the Community-Program Organizer**, Clarksville, TN, Jan 2013-May 2015.

**Guest Speaker-Clarksville Academy Challenge Based Learning.** (Jan 24, 2014; Clarksville, TN)

Invited presenter on the topic **Yoga & Meditation for Youth in Middle School.**

**Guest Speaker, Fort Campbell, KY,** (January 14, 2014)

Elementary School Teacher Stipend for Health & Wellness

Invited **Guest Speaker** regarding **Yoga for Teachers.**

## **Service Prior to WKU:**

### **Texas Woman's University, School of Physical Therapy**

Coordinator of Transitional Doctor of Physical Therapy program, Dallas Campus – 2008-2011

Post-professional Curriculum Committee – 2008-2011

Transitional/Bridge DPT Committee Chair – 2006-2008

Tenure Tract Guidelines Committee – 2006

## **Honors and Awards:**

- Outstanding Alumna Award (2010), Austin Peay State University, National Alumni Association

## **Professional Development:**

### **Professional Conferences Attended (since 2005)**

- APTA NEXT Conference – June 2017
- ACSM Annual Conference –May 2017
- APTA NEXT Conference – June 2016
- APTA Combined Sections Meeting – Feb 2016
- APTA Combined Sections Meeting – Feb 2015
- APTA Combined Sections Meeting –Feb 2014
- APTA Combined Sections Meeting – Feb 2012
- APTA Combined Sections Meeting – Feb 2011
- APTA Combined Sections Meeting – Feb 2010
- APTA National Conference – June 2009
- APTA Combined Sections Meeting – Feb 2009
- APTA Combined Sections Meeting – Feb 2008
- APTA Combined Sections Meeting – Feb 2007
- APTA Combined Sections Meeting – Feb 2005

**Faculty Development:**

Strengthening Classroom Teaching- PLC WKU (Jan 2016-May 2106)  
Online Teaching the Essentials Certificate (Jan 2016- March 2016)  
Developing a Flipped Active Learning Classroom: CSM Pre-conference (2/17/16)  
Adobe Connect (Jan 2016)  
Student Video Presentations in Any Class. DL. August 5, 2015  
Blended Learning Bootcamp. DL. August 3, 2015  
Making Your Case For Tenure and Promotion.  
Using Periodic Feedback to Improve Your Classes. WKU DL. Jan 8, 2015  
Using Blackboard in Synchronous Classes. WKU DL Jan 14, 2015  
Increase Interactivity and Engagement in Your Course. WKU DL Jan 14, 2015

**Continuing Education Attended/Courses Completed Toward Clinical Competency:**

- Cranio-Manibular Case Studies; Medbridge Education (March 2017) (DPT 774)
- Orthopedic Clinical Examination, Diagnosis and Treatment: Becoming an Expert. Medbridge Education. (Jan 2017) (DPT 770, 774)
- Management and Treatment of Hip Injuries Part A; Medbridge Education (October 2016) (DPT 770, 714)
- Medical Screening and Clinical Decision Making; Medbridge Education (Jan 2016) (DPT 770, 774)
- Evidence-Based Examination of the Lumbar Spine. Medbridge Education (Jan 2017). (DPT 774)
- Evidence-based Examination of the Cervical Spine. Iodice, K. Medbridge Education (March 2015) (DPT 774)
- Evidence-based Treatment of the Cervical Spine. Cook, C. Medbridge Education (March 2015) (DPT 774)
- Evaluation and Manual Therapy for Temporomandibular Disorders. Cook, C. Medbridge Education (April 2015) (DPT 774)
- Evidence-based Examination of the Thoracic Spine (April 2015) (DPT 774)
- Self Study Preparation for CAPTE Accreditation – 2/2-2/3 2015, CSM preconference
- NeuroCom Clinical Integration Seminar – August 15-16, 2014. (DPT 770, DPT 784, 785)
- Thrust Manipulation Skills for The Cervical & Thoracic Spine, CSM preconference (2/2-3/14) (DPT 774)
- Xen Strength Yoga With Weights (Aug 2013)
- Therapeutic Benefits of Tai Chi – April 2012 (DPT 770)
- CSM Pre-Conference 2007– Promoting Developing Faculty to Teach Competencies of Primary Care Physical Therapy.

**Continuing Education Courses Taught**

- 200 Hour Yoga Teacher Training Certification (Nov 2014-Feb 2015)
- 200 Hour Yoga Teacher Training Certification (June –Sept 2014)

**Teaching Responsibilities in the WKU Entry-Level Doctor of Physical Therapy Program:**

<i>Number</i>	<i>Title</i>	<i>Times Taught</i>	<i>Credits/Contact Hours</i>
DPT 781	Research in Physical Therapy I	4	3/3
DPT 746	Orthopaedic Assessment	1	4/7
DPT 782	Research in Physical Therapy II	4	3/3
DPT 784	Research in Physical Therapy, IV, 2017	1	2/2*
DPT 784	Research in Physical Therapy, IV 2015	1	3/3*
DPT 784	Research in Physical Therapy IV, 2016	1	2/2*
DPT 785	Research in Physical Therapy V	2	3/3*
DPT 770	Orthopaedic Rehabilitation	3	4/7
DPT 783	Research in Physical Therapy III	3	3/3
DPT 714	Therapeutic Exercise	3	2/4
DPT 774	Spine Assessment & Intervention	3	3/7
DPT 790	Physical Therapy Seminar	1	1/1

\* credits are per research group which varies each academic year