

## CURRICULUM VITAE

Robert Barry Dale, Ph.D., M.B.A., D.P.T., P.T., O.C.S., S.C.S., A.T.C., C.S.C.S.  
7093 Rushing Water Ct.  
Spanish Fort, AL 36527  
[rbdale@southalabama.edu](mailto:rbdale@southalabama.edu)

### Education:

University of South Alabama  
Mobile, AL  
Business Management  
August 2016 – July 2018  
Master of Business Administration (MBA), July 2018

University of Tennessee, Chattanooga  
Chattanooga, TN  
August 2008 – August 2009  
Doctor of Physical Therapy (DPT), August 2009

University of Alabama, Tuscaloosa  
Tuscaloosa, AL  
Kinesiology with specialization in Exercise Physiology  
August 1999 – May 2002  
Doctorate of Philosophy (PhD), May 2002

University of Alabama, Birmingham  
Birmingham, AL  
Exercise Science  
January 1995 – December 1997  
Master of Art in Education, December 1997

University of South Alabama  
Mobile, AL  
Physical Therapy  
August 1992 – June 1994  
Baccalaureate of Science (PT), June 1994

Gadsden State Community College  
Gadsden, AL  
Pre-Physical Therapy coursework  
August 1989- July 1991

Licensure Information/Registration Numbers:

Alabama License number: PTH7317  
Tennessee License number: 3656  
Alabama License number: PTH2106 (1994-2007)

Professional Training/Certifications:

Education Leadership Fellowship  
American Board of Physical Therapy Residency and Fellowship Education (ABPTRFE),  
2018-2019.

Certified Myofascial Trigger Point Therapist (CMTPT), Janet G. Travell, MD -Dry  
Needling; Myopain Seminars, 2013

Orthopedic Certified Specialist (OCS)  
American Board of Physical Therapy Specialties, 2007  
Recertified through 6/30/2027

Sports Certified Specialist (SCS)  
American Board of Physical Therapy Specialties, 2004  
Recertified through 6/30/2024

Athletic Trainer, Certified (ATC).  
National Athletic Trainers' Association Board of Certification (NATABOC)  
Certification number 49702399.

Certified Strength and Conditioning Specialist (CSCS)  
National Strength and Conditioning Association

Academic Positions Held:

Professor, Department Chair and Programs Director, Department of Physical Therapy  
Doctor of Physical Therapy Program  
Master of Science in Physical Therapy Program  
The University of South Alabama  
Mobile, AL  
January 1, 2018-Present

Assistant Department Chair for Admissions and Academics  
Associate Professor (promoted to Professor effective August 15, 2017)  
Tenured  
The University of South Alabama  
Mobile, AL  
August 2014-December 31, 2017

UC Foundation Associate Professor  
Tenure track appointment  
The University of Tennessee at Chattanooga  
Chattanooga, TN  
August 2007- July 2014

Physical Therapist- Outpatient (PRN)  
Siskin Hospital for Physical Rehabilitation  
Chattanooga, TN  
January 2008- July 2014

Assistant Professor  
The University of South Alabama  
Mobile, AL  
May 2002- July 2007

#### Peer-Reviewed Publications

Borsa P, Dale RB, Levine D, Crow JA. Muscular Preconditioning using Phototherapy Improves the Physical Work Capacity of the Quadriceps when Applied between Repeated Bouts of Resistance Exercise. *J Athl Enhanc* Vol: 7 Issue: 6; February 2019. DOI: 10.4172/2324-9080.1000310

Lucado A, Dale RB, Day JM, Vincent J. Do joint mobilizations assist in the recovery of lateral elbow tendinopathy? A systematic review and meta-analysis. *J Hand Therapy*. April; 2018. DOI: [10.1016/j.jht.2018.01.010](https://doi.org/10.1016/j.jht.2018.01.010)

Dale RB, Fell DW. Examination/Evaluation of Neuromotor systems. In: *Lifespan Neurorehabilitation*. Eds: Fell, Lunnen, and Rauk. F. A. Davis, Philadelphia; 2018; pp. 143-190.

Dale RB, Gollapalli RP, Price T, Megahee K, Duncan M, Tolstick N, Ford L. The effect of visual perturbation upon femoral acceleration during the single and bilateral squat. *Physical Therapy in Sport*. 2017, 27:24-28. DOI: 10.1016/j.ptsp.2017.06.003

Bruce SL, Crawford E, Wilkerson GB, Rausch D, Dale RB, Harris M. Prediction modeling for academic success in professional master's athletic training programs. *Athl Train Educ J*. 2016;11(4):194–207.

Day JM, Dale RB, Kennedy E. Home exercises versus on-site rehabilitation in the management of lateral elbow tendinopathy: A critically appraised topic. *J Sport Rehab* 26:1-13, Sept 2016. PMID: 27705066. DOI: [10.1123/jsr.2016-0132](https://doi.org/10.1123/jsr.2016-0132)

Dale RB and Brumitt J. Spine biomechanics associated with the shortened, modern one-plane golf swing. *Sports Biomech*. Apr 11:1-9, 2016. PMID: 270641752016.

Tate J, True H, Dale RB, Baker C. Expert versus novice interrater and intrarater reliability of the frontal plane projection angle during a single-leg squat. *IJATT* 20(4):23-27, 2015.

Wilkerson GB, Dale RB, Alvarez RG. *Biomechanics of Gait: Foot and Ankle*. La Crosse, WI: Orthopaedic Section Monograph, American Physical Therapy Association, 2014.

Factor D, Dale RB. Current Concepts of Rotator Cuff Tendinopathy. *IJSPT*, 9:274, 2014.

Kimitake S, Kenny IC, and Dale RB. Current golf performance literature and application to training. *J Trainology*, 2:23-32, 2013.

Dale RB. Elbow Lateral Epicondylalgia In: *Physical Therapy Case Files: Orthopedics*. Eds: J. Brumitt and E. Jobst. McGraw Hill, 2013. ISBN:9780071763776.

Gillette R, Dale RB. Basics of exercise physiology. In: *Canine Rehabilitation and Physical Therapy*, 3<sup>rd</sup> ed. Eds: D. Millis and D. Levine. Elsevier, 2013. ISBN: 9781437703092.

Dale RB. Clinical Gait Assessment. In: *Physical Rehabilitation of the Injured Athlete*, 4<sup>th</sup> ed. Eds: J. A. Andrews, G. L. Harrelson, K. E Wilk. Elsevier, 2012. ISBN: 9781437724110

Dale RB. Principles of Rehabilitation. In: *Physical Rehabilitation of the Injured Athlete*, 4<sup>th</sup> ed. Eds: J. A. Andrews, G. L. Harrelson, K. E Wilk. Elsevier, 2012. ISBN: 9781437724110

Richards J, Holler P, Bockstahler B, Dale B, Mueller M, Burston J, Selfe J, Levine D. A comparison of human and canine kinematics during level walking, stair ascent, and stair descent. *Vet. Med. Austria* 97:92-100, 2010.

Dale RB and Myer D. Proprioceptive neuromuscular facilitation for trunk mobility and strength. *Athletic Therapy Today (now IJATT)*. 14(5):26-29, September 2009.

Brumitt J and Dale RB. Integrating shoulder and core exercises when rehabilitating athletes performing overhead activities. *NAJSPT*, 4(3): 132-138, August 2009.

Brumitt J and Dale RB. Functional Rehabilitation Exercise Prescription for Golfers. *Athletic Therapy Today (now IJATT)*.13(2):37-41, March 2008.

Dale RB, Caswell, C. Functional rehabilitation for jumper's knee. *Athletic Therapy Today (now IJATT)*. 12(5): 2007.

Dale RB, Kovalski JE, Ogletree T, Heitman RJ, and Norrell PM. Isokinetic shoulder rotator muscle fatigue associated with repetitive overhead throwing. *NAJSPT*, 2(2):74-76, May 2007.

Dale RB. PNF techniques for upper extremity rehabilitation (Monograph). Human Kinetics, Inc. Champaign, IL. 2007. ISBN-10: 0-7360-6063-4; ISBN-13: 978-0-7360-6063-9.

Jung AP, Dale RB, Bishop PA. Ambient temperature beverages are consumed at a rate similar to chilled water in heat-exposed workers. *Journal of Occupational and Environmental Hygiene*, 4(1):54-57, 2007.

Dale RB. Managing low back pain with therapeutic exercise interventions. *Athletic Therapy Today (now IJATT)*. 10(5):31-35, 2005.

Jung AP, Bishop PA, Al-Nawwas A, Dale RB. Influence of hydration and electrolyte supplementation on incidence and time to onset of exercise-associated muscle cramps. *J Athl Training* 40:71-75, 2005.

Dale RB and Lawrence R. Principles of core stabilization for athletic populations. *Athletic Therapy Today (now IJATT)*. 10(4):13-18, 2005.

Dale RB, Harrelson GL, Leaver-Dunn D. Principles of Rehabilitation. In: *Physical Rehabilitation of the Injured Athlete*. Eds: J. A. Andrews, G. L. Harrelson, K. E. Wilk. W. B Saunders, Co., 2004.

McLester JR, Bishop PA, Smith J, Wyers L, Dale B, Kozusko J, Richardson M, Nevett ME, Lomax R. A series of studies-a practical protocol for testing muscular endurance recovery. *J Strength Cond Res*. 2003 May;17(2):259-73.

Dale RB. Clinical applications of motor learning principles. *Athletic Therapy Today (now IJATT)*. 8:14-21, July 2003.

Dale RB, Leaver-Dunn D, Bishop PA. A compositional analysis of a common acetic acid solution with practical implications for ingestion. *J Athl Training* 38:57-61, 2003.

#### Peer-Reviewed Scientific and Professional Presentations

Lucado A, Day JM, Dale RB. Unlocking the Mysteries of Diffuse Elbow Pain. 2019 Combined Sections Meeting of the American Physical Therapy Association, Washington, DC. January, 2019.

Day JM, Lucado A, Dale RB. The Effect of Scapular Muscle Strengthening on Functional Recovery in Patients with Lateral Elbow Tendinopathy. 2019 Combined Sections Meeting of the American Physical Therapy Association, Washington, DC. January, 2019.

Lucado A, Day JM, Vincent J, Dale RB. Joint Mobilizations and Lateral Elbow Tendinopathy: A Systematic Review and Meta-analysis. 2019 Combined Sections Meeting of the American Physical Therapy Association, Washington, DC. January, 2019.

Dale RB, Bruce S. Identifying third-year physical therapy students "at risk" for failing the National Physical Therapy Examination (NPTE) on the first attempt. APTA Education Leadership Conference, Jacksonville, FL. October 2018.

Levine D, Borsa P, Dale RB. The effects of photobiomodulation on quadriceps muscle endurance. ACRM Conference: Progress in rehabilitation research, Dallas, TX. September, 2018.

Dale RB, Day JM, Dowling J, Papich H, Wyatt P, Blake A. The effects of fatigue upon anteroposterior scapular control. 2018 Combined Sections Meeting of the American Physical Therapy Association, New Orleans, LA. February, 2018.

Fell DW, Dale RB, Saale B, Girardeau S, Nix G, Roddam S, Salisbury L. Validating smart phone applications to measure control of volitional movement in patients following cerebrovascular pathology. 2018 Combined Sections Meeting of the American Physical Therapy Association, New Orleans, LA. February, 2018.

Day JM, Dale RB, Dowling J, Papich H, Wyatt P. Fatigue-associated changes in scapular control and serratus anterior. 2018 Combined Sections Meeting of the American Physical Therapy Association, New Orleans, LA. February, 2018.

Dale RB, Fell DW. Assessing movement quality with a smart phone accelerometer. NEXT Symposium of the American Physical Therapy Association, Boston, MA. June, 2017

Dale RB, Fell DW, Morrisette D. Optimizing Motor Control with Motor Learning in Orthopedics. NEXT Symposium of the American Physical Therapy Association, Boston, MA. June, 2017.

Dale RB, Day JM, Hiller S. Serratus Anterior Function Assessed with Smartphone Accelerometer and Ultrasound Imaging. 2017 Combined Sections Meeting of the American Physical Therapy Association, San Antonio, TX. Research Section. February, 2017.

Fell DW, Dale RB; Battles M, Beets A, Estes K, Smart J. Smartphone Applications Using 2-D Video/Accelerometer to Measure Motor Control Deficits Following Cerebrovascular Accident (CVA). 2017 Combined Sections Meeting of the American Physical Therapy Association, San Antonio, TX. Neurology Section. February, 2017.

Dale RB, Price T, Ford L, Megahee K, Duncan M, Tolstick N. Frontal Plane Projection Angle and Accelerations During the Single Leg Squat with Visual Perturbation. 2017 Combined Sections Meeting of the American Physical Therapy Association, San Antonio, TX. Orthopedics Section. February, 2017.

Day JM, Dale RB, Hiller S. The Relationship Between Electromyographic Activity and Percent Change in Muscle Thickness of the Serratus Anterior. 2017 Combined Sections Meeting of the American Physical Therapy Association, San Antonio, TX. Orthopedics Section. February, 2017.

Dale RB, Day JM. Rotator cuff tendinopathy: Best practices for examination and treatment. Mobile Area Physical Therapy Organization, Mobile, AL: 8/11/16. 0.4 CEU.

Dale RB, Fell DW, Morrisette D. How Can I Apply Motor Learning in Orthopedic Practice? NEXT Symposium of the American Physical Therapy Association, Nashville, TN. June, 2016.

Levine D, Borsa P, and Dale RB. The Effects of Laser Therapy on Muscle Performance of the Shoulder External Rotators. 2016 Combined Sections Meeting of the American Physical Therapy Association, Anaheim, CA. February, 2016.

Dale RB, Fell DW. Motor Control /Motor Learning Applications in Orthopedic/Sports PT. Mobile Area Physical Therapy Organization, Mobile, AL: 9/17/15. 0.4 CEU.

Day JM, Dale RB. Current Evidence for the Management of Lateral Epicondylalgia. Mobile Area Physical Therapy Organization, Mobile, AL: 8/13/15. 0.4 CEU.

Dale RB. Current evidence for the management of Achilles tendinopathy. Mobile Area Physical Therapy Organization, Mobile, AL: 7/23/15. 0.4 CEU.

Dale RB. Current evidence for examination and rehabilitation for rotator cuff tendinopathy. Encore Sports Medicine Symposium, Orange Beach, AL. July 19, 2015.

Dale RB. Achilles tendinopathy: Current evidence for examination and rehabilitation. Encore Sports Medicine Symposium, Orange Beach, AL. July 17, 2015.

Bruce SL, Crawford E, Wilkerson GB, Rausch D, Dale RB, Harris M. Prediction modeling for BOC exam success for a graduate athletic training program. National Athletic Trainers' Association Clinical Symposia & AT Expo, At St. Louis, MO. June 24-27, 2015.

Dale RB, Farr T, Marshall C, Sizemore B. The effect of a modified one-plane golf swing upon the lumbar spine "crunch factor". World Congress of Physical Therapy, Singapore, May 1-4, 2015. Proceedings from World Confederation for Physical Therapy WCPT Congress. Physiotherapy. 2015;101(Supplement 1):Number: RR-PO-07-01-Mon.

Dale RB, Diegel A, Reese M, Ross R, Williams H. The effect of golf putter length upon lumbar spine loads during the putting stroke. World Congress of Physical Therapy, Singapore, May 1-4, 2015. World Confederation for Physical Therapy WCPT Congress. Physiotherapy. 2015;101(Supplement 1):Number: RR-PO-10-22-Sun.

Levine D, De Taboada L, Frydrych W, Dale RB. Effects of laser on endurance of the rotator cuff muscles. 35<sup>th</sup> Annual Conference of the American Society for Laser Medicine and Surgery, Kissimmee, FL, April 25, 2015.

Dale RB, Denegar CR, Tate J, Wilkerson G. Current Evidence for the Management of Lower Extremity Tendinopathies. 2015 Combined Sections Meeting of the American Physical Therapy Association, Indianapolis, IN, February 7, 2015.

Tate J, Handley H, Dale RB, Baker C. Expert versus novice intrarater and interrater reliability of the frontal plane projection angle during a single-leg squat. 2015 Combined Sections Meeting of the American Physical Therapy Association, Indianapolis, IN, February 7, 2015

Dale RB. Biomechanics of the golf swing upon the lumbar spine. International Society of Biomechanics in Sport Meeting, Johnson City, TN, July 16, 2014.

Dale RB, Levine D, Bowers K, Kelley E, Leemkuil M, Martin B. The effect of class IV laser therapy upon low-frequency of the quadriceps. Combined Sections Meeting of the American Physical Therapy Association Meeting, Las Vegas, NV, Feb 3-7, 2014.

Dale RB and Panus PC. Common pharmaceutical agents (drugs) and their effects upon physical activity. The Annual American Physical Therapy Association Meeting, Salt Lake City, UT, June 29, 2013.

Dale RB, Chellete, D, Johnson, M, Tate, J, and Wilkerson, G. Emotional and Anxiety-Focused Surveys/Questionnaires following Anterior Cruciate Ligament Reconstruction in Athletes: A Systematic Review. The Annual American Physical Therapy Association Meeting, Salt Lake City, UT, June 28, 2013. Abstract appears in Proceedings of the American Physical Therapy Association's Annual Meeting.

Steichen K, Tucker K, Dale RB, McDermott B. The Use of the Core Cooler<sup>TM</sup> Cold-Air Inhalation Device During Exercise in the Heat. 28th Annual SEATA Athletic Training Student Symposium, Jan. 31-Feb. 2, 2013, Atlanta, GA.

Dale RB, Case J, Tucker C. Spine Biomechanics Associated with Carrying a Golf Bag. Combined Sections Meeting of the American Physical Therapy Association Meeting, San Diego, CA, Jan 21-24, 2013.

Dale RB. Medications and Exercise: Emphasis on Adverse Reactions. Bayada Home Health Care's Rehab Day. Wilmington, DE, November 7, 2012.

Dale RB, Lay N, Mathews C, Tucker T. Lumbar Spine Biomechanics with Standard (Short) and Long-Handled Putters. The Annual American Physical Therapy Association Meeting, Tampa, FL, June 6-9, 2012. Abstract appears in Proceedings of the American Physical Therapy Association's Annual Meeting.



Dale RB and Panus PC. How drugs effect exercise. Tennessee Physical Therapy Association Meeting. Nashville, TN, September 2011.

Dale RB, Wilkenfeld DA, Graziano, M, Randolph D, Rapkowicz D. Sagittal plane compensation of the lower quarter in response to ankle inversion perturbation. Combined Sections of the American Physical Therapy Association Meeting, New Orleans, LA, Feb 9-12, 2011. Abstract appears in Proceedings of the Combined Sections Meeting.

Levine D, Marellin-Little D, Dale RB, Walker R, Bradford E, Brown D, Shinpaugh L. Actual vs. displayed treadmill speeds during various speeds, inclines, and patient weight categories. Combined Sections of the American Physical Therapy Association Meeting, New Orleans, LA, Feb 9-12, 2011. Abstract appears in Proceedings of the Combined Sections Meeting.

Dale RB. Shoulder and spine biomechanics during the shortened one-plane golf swing. World Golf Fitness Summit, Orlando, FL, November 11-13, 2010.

Dale RB, Farr T, Marshall C, Sizemore B. Spine kinetics during the modified one-plane golf swing. Poster at the American Physical Therapy Association Meeting, Boston, MA, June 16-19, 2010. Abstract appears in Proceedings of the American Physical Therapy Association's Annual Meeting.

Dale RB and Levine D. Glenohumeral forces associated with the full and modified one-plane golf swings. Poster at the American Physical Therapy Association Meeting, Boston, MA, June 16-19, 2010. Abstract appears in Proceedings of the American Physical Therapy Association's Annual Meeting.

Dale RB. The cervical spine and upper extremities: Current evidence for orthopedic physical examination and interventions (0.8 CEU). Siskin Hospital for Physical Rehabilitation, Chattanooga, TN, March 2010.

Wilkenfeld DA, Dale RB, Graziano M, Randolph D, Rapkowicz D. Lower chain sagittal plane compensation associated with ankle inversion perturbation. Poster at the Southeastern Athletic Trainers' Association Meeting, Panama City, FL, March 19-21, 2010. Abstract appears in Proceedings of the Southeastern Athletic Trainers' Association Annual Meeting.

Wilkenfeld DA, Graziano M, Randolph D, Rapkowicz D, Dale RB. Effects of prophylactic ankle support on lower extremity kinematics. Poster at the Southeastern Athletic Trainers' Association Meeting, Panama City, FL, March 19-21, 2010. Abstract appears in Proceedings of the Southeast Athletic Trainers' Association Annual Meeting.

Dale RB and Fell DF. Improving Trunk Mobility and Strength in the Middle-aged and Elderly With Proprioceptive Neuromuscular Facilitation (PNF) (0.3 CEU). APTA Annual Conference, Baltimore, MD. June 2009.

Hanks J and Dale RB. Metabolic syndrome, diabetes, obesity, and health promotion: The role of rehabilitation specialists (0.8 CEU). Tennessee Physical Therapy Association Meeting. Nashville, TN, April 2009.

Dale RB, D. Greer, J.E. Kovaleski, D.W. Fell, L. Gurchiek, and R. Coleman. The postexercise effect of evaporative cryotherapy and ice packs in reducing skin temperature in hyperthermic males. Southeast American College of Sports Medicine 2009 Annual Meeting, Birmingham, AL, February 12-14, 2009.

Dale RB, Bentley K, Hundley L, and Sirmon T. Potential Implications of the Shortened Modern Golf Backswing upon Spine Health and Golf Performance. Combined Sections Meeting, APTA, Las Vegas 2009.

Dale RB. Niche practices in the outpatient and community practice setting. Tennessee Physical Therapy Association-Chattanooga District Meeting January 13, 2009.

Dale RB. Extrinsic Cooling for the Management and Prevention of Hyperthermia. Tennessee Athletic Trainers' Society: 2009 Annual Meeting and Clinical Symposium, Chattanooga, TN. January 11, 2009.

Dale RB. Interactions of Medications and Exercise. Tennessee Physical Therapy Association-Chattanooga District Meeting. Gunbarrel Road Benchmark Physical Therapy, Chattanooga, TN. March 11, 2008.

Dale RB, Williams CN, Jung AP, Sands CD, and Malone LA. Effect of Evaporative Cooling on Core Temperature in Wheelchair Rugby Players. Southeast American College of Sports Medicine 2008 Annual Meeting, Birmingham, AL, February 14-16, 2008.

Dale RB and Panus PC. Pharmaceutical agents (drugs) and their effect upon physical activity. Combined Sections Meeting, APTA. Nashville, TN, February 2008.

Dale RB. PNF techniques for upper extremity rehabilitation. Professional Achievement Self-Study Program (PASS) Course. Web site: [www.HumanKinetics.com](http://www.HumanKinetics.com), 2007.

Wall JC, Gray CP, and Dale B. The reliability of timing walks, turns, and steps during the 6 minute walk test. ISPGR 18<sup>th</sup> International Conference, Burlington, VT: July 14-18, 2007. Abstract appears in the Proceedings of the ISPGR.

Dale RB, Bounds M, Cramer K, Merkel B, Moore K. Diagnostic Accuracy of Clinical Diagnostic Tests for Shoulder Impingement Syndrome. Platform presentation at the 2007 WCPT in Vancouver, British Columbia June 5, 2007. Proceedings of the 15th International Congress of the World Confederation for Physical Therapy, 2007.

Dale RB. Skin surface temperature associated with evaporative cryotherapy. Platform presentation at the 2007 WCPT in Vancouver, British Columbia, June 3, 2007.

Proceedings of the 15th International Congress of the World Confederation for Physical Therapy, 2007.

Dale RB. Structure and Function of the Musculoskeletal, Cardiovascular, and Pulmonary Systems, NSCA Strength and Conditioning Symposium. April 19-20, 2007, Mobile, AL.

Dale RB. Principles of Biomechanics, NSCA Strength and Conditioning Symposium. April 19-20, 2007, Mobile, AL.

Dale RB. Physical Performance Measurement and Evaluation, NSCA Strength and Conditioning Symposium. April 19-20, 2007, Mobile, AL.

Dale RB. Resistance Exercise Prescription, NSCA Strength and Conditioning Symposium. April 19-20, 2007, Mobile, AL.

Dale RB, Bounds M, Cramer K, Merkel B, Moore K. Diagnostic Accuracy of Clinical Diagnostic Tests for Shoulder Impingement Syndrome: A Meta-analysis. Platform presentation at 2007 APTA Combined Sections Meeting in Boston, February 14-18, 2007. Abstract appears in JOSPT. 37(1):A69-70, 2007.

Dale RB. Ambient Air Temperature Influences the Effectiveness of an Evaporative Cryotherapy Modality. Poster presentation at 2007 APTA Combined Sections Meeting in Boston, February 14-18, 2007. Abstract appears in JOSPT. 37(1):A81, 2007.

Stanton K and Dale RB. Functional rehabilitation progression (invited). 22th Annual SEATA Athletic Training Student Workshop. Atlanta, GA; February 9-10, 2007.

Dale RB and Fell DW. PNF applications for the throwing shoulder. MAPTO and USA sponsored PT CEU course series. September 2006.

Dale RB and Gray CP. Current concepts in tendinopathy rehabilitation. MAPTO and USA sponsored PT CEU course series. September 2006.

Dale RB, Ogletree T, Kovalski JE, Norrell PM, Heitman RJ. Effects of repeated overhead throwing on shoulder rotator muscle fatigue in collegiate pitchers. National Athletic Trainer's Association Annual Meeting (NATA). Atlanta, Ga. June 16, 2006.

Dale RB. The effects of ambient air temperature upon an evaporative cryotherapy modality. University of South Alabama Research Forum, Mobile, AL. Poster #11, 2006.

Dale RB. Current trends in therapeutic modalities (invited). 21th Annual SEATA Athletic Training Student Workshop. Atlanta, GA; February 10-11, 2006.

Dale RB. Hydration and the physical therapist. MAPTO and USA sponsored PT CEU course series. August 2005.

Dale RB, Ogletree T, Kovaleski JE, Norrell PM, Heitman RJ. Repeated overhead throwing and shoulder muscle fatigue. University of South Alabama Research Forum, Mobile, AL. #13, 2005.

Dale RB, Lee R, Gurchiek L, Gattis A, and Cleary M. Tympanic membrane versus core temperature assessment during controlled tennis practice: a pilot investigation. 30th Annual SEATA Clinical Symposium & Members Meeting. Atlanta, GA; March 31-April 3, 2005. Proceedings of the Southeastern Athletic Trainers' Association Meeting.

Gurchiek L, Dale RB, Lee R, Gattis A, and Cleary M. Intermittent cooling during controlled tennis practice: a pilot investigation. 30th Annual SEATA Clinical Symposium & Members Meeting. Atlanta, GA; March 31-April 3, 2005. Proceedings of the Southeastern Athletic Trainers' Association Meeting.

Ogletree T, Dale RB, Kovaleski JE, Norrell PM, Heitman RJ. Effects of repeated overhead throwing and shoulder rotator muscle fatigue of college pitchers. 30th Annual SEATA Clinical Symposium & Members Meeting. Atlanta, GA; March 31-April 3, 2005. Proceedings of the Southeastern Athletic Trainers' Association Meeting.

Dale RB. Diagnostic testing for lumbar spine pathologies (invited). 30th Annual SEATA Clinical Symposium & Members Meeting. Atlanta, GA; March 31-April 3, 2005. Proceedings of the Southeastern Athletic Trainers' Association Meeting.

Dale RB. Current trends in therapeutic modalities (invited). 20th Annual SEATA Athletic Training Student Workshop. Atlanta, GA; February 11-12, 2005.

Dale RB. Rehabilitation of shoulder and elbow injuries associated with throwing. (0.3 CEU) MAPTO and USA sponsored PT CEU course series. September 2004.

Jefferson J, Dale RB. Taping and wrapping techniques II: The lower extremities. MAPTO and USA sponsored PT CEU course series. September 2004.

Fell DW, Dale RB. The aging process: a lifespan perspective. (0.4 CEU). MAPTO and USA sponsored PT CEU course series. September 2004.

Dale RB, Ogletree T. Eccentric and concentric ratios for peak torque and total work of the shoulder rotators. National Athletic Trainer's Association Annual Meeting (NATA). Baltimore, Md. June 2004. Abstract appears in J Athl Training, 39 (2suppl):S-65, 2004.

Dale RB. Rehabilitation of shoulder and elbow injuries associated with throwing. (0.3 CEU) Alabama Physical Therapy Association Spring Chapter Conference. April 2004.

Fell DW, Dale RB. The aging process: a lifespan perspective. (0.4 CEU). Alabama Physical Therapy Association Spring Chapter Conference. April 2004.

Dale RB. Diathermy: A modality revisited (invited). 29th Annual SEATA Clinical Symposium & Members Meeting. Atlanta, GA;. March 2004.

Dale RB, Ogletree T. Fatigue mode specificity upon peak torque and total work of the external rotators in throwing athletes. University of South Alabama Research Forum Mobile, AL. #44, 2004.

Dale RB, Ogletree T. Peak torque and total work eccentric and concentric ratios of the shoulder rotators in high school baseball players. Southeast Athletic Trainers Association (SEATA) Annual Meeting, Atlanta, Ga. March 2004. Proceedings of the Southeastern Athletic Trainers' Association Meeting.

Jung AP, PA Bishop, A Al-Nawwas, Dale RB. The role of dehydration and electrolyte loss on exercise-associated muscle cramps. American College of Sports Medicine National Meeting (ACSM), Indianapolis, IN, June 2004. Abstract appears in Med Sci Sports Exerc, 36(5suppl), S181, 2004.

Dale RB. Physical Therapeutics of Upper Extremity Sports Injuries: Current Sports Medicine Topics of the Elbow in Throwing Athletes. American College of Sports Medicine Southeast (SEACSM) Annual Regional Meeting, Atlanta, GA, January 31, 2004.

Jung AP, PA Bishop, RB Dale. Technique to induce exercise-associated muscle cramps in the triceps surae. SEACSM Meeting, Atlanta, GA, January 31, 2004. Proceedings from the 32nd SEACSM Meeting, Atlanta, GA, 2004.

Dale RB, Bishop PA, Richardson MR, Smith JF, Lomax R, Wright KE, Sirikul B. The effect of oral acetic acid solution administration upon ad libitum water ingestion. Platform presentation at 14th International Congress of the World Confederation for Physical Therapy. June, 2003. Abstract appears in Proceedings of the WCPT. RR-PL-0616.

Dale RB, Sirikul B, & Bishop PA. Bilateral indices of knee flexors and extensors during maximal and submaximal force production. Platform presentation at 14th International Platform presentation at 14th International Congress of the World Confederation for Physical Therapy. June, 2003. Abstract appears in Proceedings of the WCPT. RR-PL-0715.

Dale RB, Bishop PA, Richardson MR, Smith JF, Lomax R, Wright KE, Sirikul B. Intermittent extrinsic cooling during exercise in the heat decreases internal body temperature. Platform presentation at 14th International Congress of the World Confederation for Physical Therapy. June, 2003. Abstract appears in Proceedings of the WCPT. RR-PL-0615.

Dale RB. “Functional” Debility in Acute and Home Health Care Settings (0.3 CEU). American Physical Therapy Association National Meeting, Washington D.C. June 19, 2003.

Dale RB. Rehabilitation of functional debility in acute and home health care (0.4 CEU). Target audience: Physical Therapists, Physical Therapy Assistants, Occupational Therapists, and Occupational Therapy Assistants. May 29, 2003.

Dale RB. Assessing Cognitive and Learning Abilities in the Older Adult. Alabama Physical Therapy Association Spring Conference. Hilton Sandestin Beach Golf Resort & Spa. May 16, 2003.

Dale RB. Rehabilitation of functional debility in acute and home health care (0.4 CEU). MAPTO and USA sponsored PT CEU course series. September 24, 2002.

Fell DW, Dale RB. “Guiding” your PT intervention: applying the “Guide to Physical Therapist Practice” (0.4 CEU). MAPTO and USA sponsored PT CEU course series. August 27, 2002.

Dale RB, Bishop PA, Smith JF, Richardson M, Lomax R, Leaver-Dunn D, Wright KE. Intermittent cooling during exercise in the heat with an American football uniform. National Athletic Trainer’s Association Annual Meeting, Dallas, TX. June 16, 2002. Abstract appears in J Athl Training. 37:S-33, 2002.

Dale RB, Bishop PA, Smith JF, Richardson M, Lomax R, Leaver-Dunn D, Wright KE. The effects of extrinsic cooling during intermittent exercise in the heat with American football gear. American College of Sports Medicine (ACSM) Annual Meeting, St. Louis, MO. May 31, 2002. Abstract appears in Med Sci Sports Exerc. 34(5):S220, 2002.

Dale RB. Intermittent cooling during exercise in the heat with an American football uniform. The University of Alabama Graduate Student Research Symposium. March 13-14, 2002. Oral.

Dale RB, Bishop PA, Smith JF, Richardson M, Lomax R, Leaver-Dunn D, Wright KE. Post-exercise ad libitum water ingestion following oral acetic acid solution administration. Southeast Athletic Trainers Association (SEATA) Annual Meeting, Atlanta, Ga. March 16, 2002. Abstract appears in the Proceedings of the annual SEATA meeting.

Dale RB, Bishop PA, Smith JF, Richardson M, Lomax R, Leaver-Dunn D, Wright KE. Ad libitum ingestion of water following prescribed volume of acetic acid (pickle juice) solution in a post-exercise period. SEACSM, Atlanta Ga. February 1, 2002. Poster. Abstract appears in Proceedings from the 30th annual SEACSM meeting, Atlanta Ga, February, 2002. P30.

Dale RB, Sirikul B, & Bishop PA. Bilateral indices of knee extensors and flexors in males and females at 1 and 10 RM. NATA, Los Angeles, CA. June 21, 2001. Poster. Abstract appears in J Athl Training 2001;36:S-86.

Dale RB. Bilateral indices of knee extensors and flexors in males and females at 1 and 10 RM SEATA, Atlanta, GA. March 24, 2001. Poster. Abstract appears in Proceedings from the 18th annual SEATA meeting, Atlanta Ga. March 16, 2002.

Sirikul B, Dale RB, Kozusko J, Bishop P. Degree of bilateral deficit during dynamic knee extension and flexion in trained college aged males and females. SEACSM, 2001. Poster. Abstract appears in Proceedings from the 29th annual SEACSM meeting, Atlanta Ga, February, 2001.

McLester JR, Bishop P, Smith J, Dale B, & Kozusko J. Effect of training volume on recovery from resistance exercise. Paper presented at the American College of Sports Medicine meeting, Baltimore, MD, May 2001.

Dale RB. Knee flexors and extensors: A comparison of bilateral indices. The University of Alabama Graduate Student Research Symposium. April 25, 2001. Oral.

Non-Peer Reviewed Publications:

Dale RB. Upper body rehab: Tendinopathies of the upper extremities. Physical Therapy Products. p14-17, August 2010.

Dale RB (editorial). Deep water running for injured runners. Athletic Therapy Today (now IJATT). 12(2):8-10, March 2007.

Dale RB. The positives about negatives. Physical Therapy Products Magazine. 18-24, May 2006.

Dale RB (editorial). Cross-over education during functional rehabilitation. Athletic Therapy Today (now IJATT). 10(6): November 2005.

Dale RB (editorial). Muscle endurance and functional rehabilitation. Athletic Therapy Today (now IJATT). 10(5):70-1, September 2005.

Dale RB. Core stability thematic issue introduction. Athletic Therapy Today (now IJATT) 10(4):5, 2005.

Dale RB (editorial). Proprioceptive neuromuscular facilitation for the scapula: Diagonal two. Athletic Therapy Today (now IJATT). 10(3):51-53, May 2005.

Dale RB, MacDonald J, Messer L. Liquid assets (aquatic physical rehabilitation). Rehab Management. 18:22-24, April 2005.

Dale RB (editorial). Proprioceptive neuromuscular facilitation for the scapula: Diagonal one. Athletic Therapy Today (now IJATT). 10(2):54-6, March 2005.

Dale RB. Rehabilitation from bedrest requires careful progression. Biomechanics Magazine. 11(1):37-43, January 2004.

Dale RB, Wall JC. Foil the fall. Physical Therapy Products Magazine:16-18, September 2003.

Smith JA, Dale RB. Determining the efficacy of chest compressions performed over shoulder pads. Sports Medicine Update. 16:26-27, 2002.

Dale RB, Fell DW. Cardiovascular conditioning with Aquatic Exercise. Physical Therapy Products Magazine:37-42, October/November 2002.

Dale RB, Childress R, & Riewald S. Conditioning during rehabilitation of swimming injuries. In: The Science in the Science and Art of Coaching. USA Swimming Sport Science, 2002.

Non-Peer Reviewed Presentations:

University of Tennessee at Chattanooga Pink Symposium. Physical Activity and Health: You Can Do It! October 15, 2009.

Prattville and Stanhope High Schools (Autauga County, AL). Preventing dehydration and heat illness in football players. September 22, 2005.

Florida International University, Miami, FL. Peripheral Vasoconstriction and Thermoregulation: Implications for Extrinsic Cooling. May 11, 2005.

Funded/In Review Grant or Contract Activity:

Day JM, Gubler C, Dale RB, Fletcher J, Lucado A (2016). \$5,000. The Effect of Scapular Muscle Strengthening on Functional Recovery in Patients with Lateral Epicondylalgia. Founders Grant for Research in Hand Therapy; American Hand Therapy Foundation.

Day JM, Gubler C, Dale RB, Irion J, Lucado A (2015). \$5,000. The Effect of Scapular Muscle Strengthening on Functional Recovery in Patients with Lateral Epicondylalgia. USAFDC, University of South Alabama, Mobile, AL.

Dale RB (2015). \$36,000. Quantitative motion analysis. College of Allied Health Professions, University of South Alabama, Mobile, AL.

Levine D and Dale RB (2013). Effects of Laser Therapy on Muscle Endurance. Funded by LiteCure, Inc. \$3,270.

McDermott B, Dale RB (2012). Core Cooler Hyperthermia Experimentations. Funded by Core Cooler, Inc. \$27,209. UTC Award Number R041506022



McDermott B, Dale RB, Weathington B (2012). Comparison of Various Sodium Concentrations of Sports Drinks on Cycling Performance in the Heat. Funded by Drip Drop, Inc. \$3,370. UTC Award Number: [A12-0577-001](#)

Dale B. \$835.00  
Faculty Development Grant  
2010, University of Tennessee at Chattanooga Faculty Development Committee

Dale B. \$662.00  
Faculty Development Grant  
2008, University of Tennessee at Chattanooga Faculty Development Committee

Dale B. \$3000.00  
Faculty Research Grant  
2008, University of Tennessee at Chattanooga Faculty Research Committee

Dale B. \$1000  
Faculty Development Grant  
2007, University of Tennessee at Chattanooga Faculty Development Committee

Dale B. \$1838.00  
Fatigue mode specificity upon peak torque and total work of the external rotators in throwing athletes  
2003, USA Research Council

Dale B, Jung AP, Bishop PA, & Kosuko J. \$750.00  
Prevention of hypohydration through determination of ambient temperature beverage preference. 2000, Gatorade Sports Science

Membership in Scientific/Professional Organizations:

American Physical Therapy Association (APTA), 1992- present.

Tennessee Chapter of the APTA, 2007- 2014.

Alabama Chapter of the APTA, 1992-2007; 2014-present.

Professional Service:

Vice President, Alabama Chapter of the American Physical Therapy Association. Elected August 12, 2017.

Scientific Committee Member, International Society of Biomechanists in Sport for Annual Meeting in Johnson City, TN, 2014.

Abstract reviewer for Combined Sections Meetings (APTA): San Diego 2010, New Orleans 2011, Chicago 2012, San Diego 2013, Las Vegas 2014, Indianapolis 2015, and Anaheim 2016.

Manuscript reviewer, Journal of Physiotherapy Theory and Practice.

Manuscript reviewer, Journal of Manual and Manipulative Therapy (JMMT).

Manuscript reviewer, Journal of Orthopedic Sports Physical Therapy (JOSPT).

Manuscript reviewer, Medicine and Science in Sports and Exercise (MSSE).

Manuscript reviewer, British Journal of Sports Medicine (BJSM).

Health Professions and Medicine Division; FA Davis, Philadelphia. 2008.

Athletic Therapy Today, Functional Rehabilitation Column Editor, 2005-2010.

Lee University, Cleveland, TN. God made stress too: The importance of mental, emotional, and physical stimulation. Annual Celebration Event of Lee University. September 24, 2010.

Siskin Hospital Parkinson's Support Group. Provided "Exercise and Balance" lecture and exercise session. July 6, 2010.

Siskin Hospital Parkinson's Support Group. Provided "Exercise and Function" lecture and exercise session. July 7, 2009.

Volunteer PT/ATC for Siskin Adaptive Golf Clinic, Chattanooga, TN. May, 2008 and 2009.

Volunteer PT/ATC for Alvin Ailey Dance Company, Chattanooga, TN. April 10, 2008.

Judge for State of Alabama Board of Physical Therapy Jurisprudence Workshop for Standard Setting, Montgomery, AL. July, 2005.

Specialization Academy of Content Experts (SACE I), Item Writer for Sports Clinical Specialist Examination (2005-2006).

Exercise physiology contributor to Women's Health Section's Education Committee of the American Physical Therapy Association, Fall 2003.

Alabama Physical Therapy Association Research Committee member, 2003-2004.

Item Writer and Review Committee of the National Physical Therapy Examination for the Federation of State Boards of Physical Therapy. 2003

Vice president, Mobile Area Physical Therapy Organization. 2003-2004.

American Physical Therapy Association Student Conclave, Birmingham, AL. October 25, 2002. Interviewer for mock-interview session and APTA Neurology Section booth volunteer.

Expanding Your Horizons Workshop, University of South Alabama, Mobile, AL. October 19, 2002. Co-instructor of “On the move” seminar.

Coordinator University of South Alabama PT Explorers Post. 2002-2004.

Reviewer NATA continuing education online course series. September 2002.

Lab instructor (Emergency Procedures) for the Student Southeastern Athletic Trainer's Association meeting, February 15-16, 2002.

Moderator for 2001 National Athletic Trainers Education Conference’s breakout session, “Negotiating a faculty position for athletic training education programs”. Served as one of several moderators at the January 19-21, 2001 meeting in Dallas, TX.

Certified site visitor for Joint Review Committee-Athletic Training, which reports to CAAHEP, the accreditation authority for Athletic Training Education Programs.

#### Membership/Leadership in Civic Organizations:

Toastmasters International: Eastern Shore Toastmasters (8422), Daphne, AL; 2014-2016. Vice President of Public Relations and Vice President of Membership; June 2015-2016.

#### Community Service:

##### National or Professional Community

Amateur Radio Operator: Technician Class License (FCC), KN4CCX. March 24, 2017.

Volunteer with Tennessee Department of Health’s Emergency Preparedness Medical Reserve Corps (MRC), Chattanooga, TN; 2009-2014.

Volunteer for the American Red Cross, Gulf Coast Chapter, Mobile, AL, 2002-2007.

#### Local Community

Disaster Relief Volunteer, Southern Baptist Disaster Relief-Alabama Chapter. Certified Communications Specialist: Trained March 25, 2017; Prattville, AL. Certified Chainsaw Operator (clear roads from fallen trees and debris following storms): Trained February 26-27, 2016; Trussville, AL.

Volunteer for Prodissee Pantry. Non-profit community ministry providing emergency food and disaster relief. 2015-present. <http://prodiseepantry.org/>

Elected President and Chairman of the Board of Emerald Bay Homeowners' Association Board of Directors, March 2010, Soddy Daisy, TN (one year term).

Elected to two-year term as Emerald Bay Homeowners' Association Board of Directors, January 2009, Soddy Daisy, TN.

Served as volunteer for American Red Cross, Etowah and Calhoun County chapters 1998-1999, and West Alabama Chapter 1999-2002.

Alabama Sports Festival, Mobile, AL. Served as Athletic Trainer June 29-30, 2002.

River Road Terrace Home Owner's Association Board of Directors, Tuscaloosa, AL. 2001-2002.

Volunteer Athletic Trainer for the Fellowship of Christian Athletes Leadership Camp in Bristol, TN June 15-19, 1998.

#### Student Mentoring

##### *University of South Alabama*

University of South Alabama Undergraduate Honor's Program. Mentor for Braden Urban. Smart phone accelerometer quantification of serratus anterior oscillations during concentric and eccentric actions of overhead glenohumeral elevation, 2017-2018.

University of South Alabama Summer Research Program. Mentor for Dealexus Lockett: Smart phone accelerometer quantification of concentric and eccentric actions during the single leg squat, 2016.

University of South Alabama Undergraduate Research Committee (UCUR). Mentor for Morgan Toolles: Upper extremity biomechanics associated with the modern golf swing, 2015.

University of South Alabama Department of Interdisciplinary Studies Summer Student Internship Supervisor for Daniel Jansen (IST 496). Motion analysis laboratory, 2015.

Dissertation Committee for Scott Bruce, University of Tennessee at Chattanooga, Educational Leadership, 2012-2014.

Honor's Thesis Committee for Hannah Handley, University of Tennessee at Chattanooga, 2012-2013.

Honor's Thesis Advisor for David Chelette, University of Tennessee at Chattanooga, Department of Health and Human Performance, 2011-2012.

Master's Research Project Advisor for David Wilkenfeld, University of Tennessee at Chattanooga, Department of Health and Human Performance, 2009-2010.

Honor's Thesis Committee Chair, David Greer, University of South Alabama. 2006-2007.

Treatise committee member: Dawn Minton, Florida International University, Miami, FL.

Treatise committee member: Charles Emerson, Florida International University, Miami, FL.

Boston University, mentor for Jessica Tranchina's education project: SLAP Lesions in the Overhead Athlete, May 2006.

Honor student mentor, University of South Alabama, Mobile, AL. 2003-06.

Dissertation committee member of Alan Jung, University of Alabama, Tuscaloosa, AL. 2003.

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

University of South Alabama:

University-level:

Graduate Council, 2016-2018.

Search Committee for Executive Director of University Libraries, 2016-2017.

College:

Academic Standards, 2015-present.

Biomedical Library Advisory Committee, 2014-present.

Dean Search Committee Appointment, 2014-2015.

Departmental:

Assistant to Chair for Academics

Chair, Admissions Committee

PT Curriculum Committee

PT Textbook COI Committee

PT Academic Standards

PT CEU Committee

University of Tennessee at Chattanooga:

University:

Learning Support Services Committee, 2013-2014.

UTC Athletics Committee, 2011-2012.

Academic Standards Committee, 2010-2011.

Faculty Senate, elected as Assistant Professor member, 2010-2012.

Faculty Handbook Committee of the UTC Faculty Senate, 2010-2011.

University Bookstore Committee, appointed 2008-2009.  
Student Conduct Committee, appointed 2007-2008.

College of Education, Health and Professional Studies Service:

Dean Position Search Committee Appointment, 2012-2013.  
HHP Department Head Position Search Committee, 2010-2011 and 2011-2012.  
UTC College of Health, Education, and Professional Studies Curriculum Committee, 2009-2011.  
UTC College of Health, Education, and Professional Studies: ATEP Clinical Coordinator Position Search Committee, 2008-2009.

Physical Therapy Department:

Faculty & Student Scholarship, 2009-2014.  
Curriculum Committee, 2009-2011. Assumed Chair of PT Curriculum Committee for 2010-2011.

Services from Past Faculty Appointments (University of South Alabama):

University:

Library, appointed 2003-2007.

College:

College of Medicine:

Biomedical Library Advisory Committee, 2004-2007.

College of Allied Health Professions:

Graduate Academic Standards, appointed 2003-2007.  
Curriculum Committee, appointed 2003-05.

Physical Therapy Department:

Chair, Financial Aid, appointed 2003-2007.

Admissions

Academic Standards

Alumni Committee

Continuing Education

Curriculum

Explorers Committee

Website

Facility/Building

Honors and Awards:

“Hero” Physical Therapist, honored for clinical expertise, contributions and commitment to providing excellent health care in the Southeast region. University of South Alabama Medical Affairs: A Night Honoring Heroes October 11, 2018.

Inducted into Beta Gamma Sigma, International Business Honor Society, Mitchell College of Business, University of South Alabama, April 2018.

Promotion to Full Professor at University of South Alabama, effective 8/15/2017.

Granted tenure, University of South Alabama, 2016.

Third place—Toastmasters Speech Competition (Table Topics) District 77, Perdido, AL, 2015.

Granted tenure and promoted to University of Chattanooga Foundation Associate Professor, 2011.

Accepted into “University of Chattanooga Foundation” as an Assistant Professor University of Tennessee at Chattanooga, 2010.

Outstanding Teaching/Advising Award  
University of Tennessee at Chattanooga  
College of Health, Education, and Professional Studies, 2010.

Outstanding Presentation Award  
Vancouver, Canada  
World Congress of Physical Therapy, 2007

Excellence in Teaching Award  
University of South Alabama  
College of Allied Health Professions, 2007.

“Top Prof” Award  
University of South Alabama  
Gold Key Chapter of the Mortar Board National College Senior Honor Society  
2006-2007

Inducted Faculty Member into Alpha Eta  
College of Allied Health Honor Society  
May 2006

“Top Prof” Award  
University of South Alabama  
Gold Key Chapter of the Mortar Board National College Senior Honor Society  
2005-2006

Research and Technological Expertise:

Vicon Motion Analysis, Nexus versions 1.4-2.5.  
Analog force plates: Bertec and AMTI.

Motion systems analog EMG.

Computer programming languages: Python 2.7&3.3, Matlab, Processing for Arduino, SPSS Syntax, and R statistics.

3D printing with ABS and PLA plastics.

Basic signal processing of smartphone accelerometers.

Continuing Education Attended (5 years; related to teaching):

Combined Sections Meeting, APTA, New Orleans: February 2018.

NEXT symposium, APTA, Boston, MA: June 2017.

Combined Sections Meeting, APTA, San Antonio, TX: February 2017.

Education Leadership Conference, APTA, Phoenix, AZ: October 2016.

NEXT symposium, APTA, Nashville, TN: June 2016.

World Congress of Physical Therapy, Singapore: May 2015.

Combined Sections Meeting, APTA, Indianapolis: January 2015.

Combined Sections Meeting, APTA, Las Vegas: February 2014.

Dry Needling (DN-4) Advanced II of the Janet G. Travell, MD Seminar Series<sup>sm</sup>  
Myopain Seminars, December 2013; 27 contact hours.

Geriatric Therapeutic Exercise. Great Seminars, Chattanooga, TN. November 2013, 20 contact hours.

Dry Needling (DN-3) Advanced I of the Janet G. Travell, MD Seminar Series<sup>sm</sup>  
Myopain Seminars, August 2013; 27 contact hours.

APTA Annual Conference, Salt Lake City, UT: June 2013.

Dry Needling (DN-2) Foundations II of the Janet G. Travell, MD Seminar Series<sup>sm</sup>  
Myopain Seminars, April 2013; 27 contact hours.

Dry Needling (DN-1) Foundations I of the Janet G. Travell, MD Seminar Series<sup>sm</sup>  
Myopain Seminars, February 2013; 27 contact hours.

Combined Sections Meeting, APTA, San Diego: January 2013.

APTA Annual Conference, Tampa, FL: June 2012.



Maitland-Australian MT-3: Intermediate Spine Seminar. Nashville, TN: February, 2012 (1.6 CEU).

APTA Annual Conference, Boston, MA: June 2010. Concentrated Education Series for Evidenced-Based Manual Therapy.

Sports Medicine Seminar: Tennessee Orthopaedic Clinics. Knoxville, TN: April 24, 2010 (0.3 CEU).

Maitland-Australian MT-ST: Stabilization training seminar. Gadsden, AL: February 19-21, 2010 (1.6 CEU).

Maitland-Australian MT-1: Basic Peripheral Seminar. Nashville, TN: November 13-15, 2009 (1.6 CEU).

Maitland-Australian MT-2: Basic Spinal. Chattanooga, TN: September 18-20, 2009 (1.6 CEU).

Current Teaching Responsibilities in the Entry-Level Program:

University of South Alabama: Doctor of Physical Therapy Program

PT 633 Lumbar Spine  
PT 634 Cervical Spine  
PT 631 Upper Extremity  
PT 632 Lower Extremity  
PT 620 Kinesiology  
PT 676 Technology Elective

University of Tennessee at Chattanooga: Doctor of Physical Therapy Program

PHYT 7210 Biomechanics/Kinesiology and Wellness  
Course Coordinator and Primary Instructor  
PHYT 7126 Upper Extremity Orthopedics  
Course Coordinator and Primary Instructor  
PHYT 7070 Therapeutic Exercise  
Course Coordinator and Primary Instructor  
PHYT 7226 Research Investigation I  
PHYT 7314 Research Investigation II  
PHYT 7360 Advanced Sports Physical Therapy  
Course Coordinator and Primary Instructor  
PHYT 7313 Differential Diagnosis  
PHYT 7331 Preparation for Licensure

Teaching Responsibilities in the UTC Transition (tDPT) Program:

Differential diagnosis, Spring 2010-2014.

Evidenced-based practice, Fall 2013

Other Courses at UTC:

Co-instructor for PHYT 7125 Lower Extremity Orthopedics, 2007-2009.