

CURRICULUM VITAE

Dr. Brent Harper, PT

DPT, D.Sc., Cert. MDT, Dip. FM, Cert. DN, CKTP, CSCS, OCS, FAAOMPT

Chapman University
Doctoral Program in Physical Therapy
Irvine, CA
brharper@chapman.edu

Education:

Andrews University
Berrien Springs, MI
Aug 2008 to April 2011
Physical Therapy: Orthopedic Manual Physical Therapy (OMPT)
OMPT North American Institute of Orthopaedic Manual Therapy
Doctor of Science (DSc) – May 2011
Capstone: Intramuscular Manual Therapy (Dry Needling) for Chronic Right Elbow Lateral Epiconylagia: A Case Report

Western University of Health Sciences
Pomona, CA
Jan 2005 to Oct 2005
Physical Therapy
Doctor of Physical Therapy (DPT) – Oct 2005

Loma Linda University
Loma Linda, CA
June 1999 to Dec 2003
Non-Degree
12 Credits towards a MA in Bioethics and 9 credits towards DPT degree.

Loma Linda University
Loma Linda, CA
June 1994 to June 1997
Physical Therapy / Life Sciences
Master of Physical Therapy (MPT) / Bachelor of Science (BS) – June 1997
Thesis: Accuracy of short-term goal setting by physical therapists for total hip replacement patients in an acute setting

Southern College
Collegedale, TN
June 1991 to April 1994
Business Administration / Religion (non-Ministerial) / Allied Health (Pre-Physical Therapy)
Bachelor of Science (BS) / Bachelor of Arts (BA) / Associate of Science (AS) – May 1994

Ola Grimsby Institute (OGI)

San Diego, CA

Dec 2000 to Nov 2008

Manual Therapy / Physical Therapy

Doctor of Orthopedic Manual Therapy (PhD) – Nov 2008

Dissertation: Clinical reasoning for upper cervical spine manipulation: modified extensive literature review.

Doctor of Manual Therapy (DMT) – Aug 2005

Dissertation: Cervical spine manipulation for the treatment of cervicogenic headache: a modified extensive literature review.

Doctor of Physical Therapy (DPT) – May 2004

Post-Doctoral Training

Educational Leadership Institute Fellowship, American Physical Therapy Association (APTA)
July 2014- July 2015 Educational Leadership Fellowship

Licensure Information/Registration Number:

License to Practice – Physical Therapist

Commonwealth of Virginia: License #2305206906

California: License #22662

Direct Access Certification – Physical Therapy

Commonwealth of Virginia: License #2307000546

Primary Certifications:

Dec 23, 2020 Therapeutic Pain Science Certification (**TPS**), Purdue University in conjunction with The Evidence In Motion (EIM) Institute of Health Professions

July 10, 2020 COVID-19 Safety Manager Certification: HR Safety-Certified Manager

Dec 12, 2018 Certified in Mental Health First Aid USA (12/13/18 to 12/13/21)

May 19, 2018 Hybrid Learning Certification, The Evidence In Motion (EIM) Institute of Health Professions.

Aug 5, 2017 Certification in Blood Flow Restriction (**BFR**) Rehabilitation, Owens Recovery Science.

Aug 6, 2016 Certification in Musculoskeletal Ultrasound Imaging (**Cert. MSKUS**)

June 5, 2015 Immediate Post-Concussion Assessment and Cognitive Test (ImPACT): ImPACT Trained Physical Therapist (**ITPT**): Computerized Neurocognitive Assessment Tool – Certified.

May 2012 **Re-Certified as Orthopaedic Clinical Specialist (OCS)**, Board Certified Clinical Specialist in Orthopaedic Physical Therapy from the American Board of Physical Therapy Specialties (ABPTS). (Re-Certified for 10-year period of time)

July 2004 **Certified/Credentialed in Mechanical Diagnosis and Therapy (Cert. MDT)**, through the McKenzie Institute, USA.

March 2004 **Credentialed Clinical Instructor**, American Physical Therapy Association.

June 2003 **Orthopaedic Clinical Specialist (OCS)**, Board Certified Clinical Specialist in Orthopaedic Physical Therapy from the American Board of Physical Therapy

Specialties (ABPTS).
March 2000 **Certified Strength & Conditioning Specialist (CSCS)**, through NSCA.

Fellowship and Residency Programs:

Fellowship:

July 2014 to July 2015 Educational Leadership Institute (ELI) Fellow. The only American Physical Therapy Association (APTA) Fellowship in Higher Education Leadership Program. Accredited by American Board of Physical Therapy Residency and Fellowship (ABPTRFE).

Dec 2002 to Dec 2004 Ola Grimsby Institute, Manual Therapy Fellowship. Part II. Instructor: Ola Grimsby, MNFF, MNSMT.

Residency:

Dec. 2000 to Dec. 2002 Ola Grimsby Institute, Manual Therapy Residency. Part I. Instructor: Ola Grimsby, MNFF, MNSMT.

Orthopaedic Physical Therapy Year Long Manual Therapy Course (160 hours) Joe Godges Jan to Nov 2000 (11/19/00)

Employment and Positions Held:

Associate Professor
Tenure Track
Chapman University
Irvine, CA
From January 2020 to present

Chair and Program Director
Associate Professor
Endowed Chair Position
Tenured
Radford University
Radford, VA
From August 2017 to January 2020
Successfully led, wrote, and organized the completion of the CAPTE reaccreditation Self Study Report (SSR), on-site visit, and Visit Report response (08/2017 to 10/2018).

Assistant Professor, Associate Chair
Tenure Track
Radford University
Radford, VA
From February 2017 to August 2017

Assistant Professor
Tenure Track
Radford University

Radford, VA
From 2011 to 2017

Successfully assisted the chair/program director in the initial completion of the CAPTE reaccreditation Self Study Report (SSR) focusing on curriculum (CC5s).

Advanced Physical Therapy of Virginia
PRN - Consultant for Physical Therapy Services
Salem, VA
From 2017 to 2019

Advanced Physical Therapy of Virginia
Part-Time/PRN Staff Physical Therapist - Direct Patient Care
Salem, VA
From 2012 to 2016

Graston® Technique – Primary Instructor for M1 Basic Training (12-hour course) to Entry-Level DPT students at Radford University in Roanoke, VA.
From Fall 2014 to Fall 2019

Consultant
Radford University
Radford, VA
From January 2011 to August 2011

SouthCrest Hospital
Director of Orthopedic Surgery Service Line
Tulsa, OK
From 2009 to 2011
Successfully developed and managed an inter-disciplinary service line for the hospital.

SouthCrest Hospital
Director of Rehab Services / Wellness Center
Tulsa, OK
From 2007 to 2011
Successfully completed two Joint Commission on the Accreditation of Healthcare Organization (JCAHO) site visits while serving as the Director of Rehab Services.

Clinical Instructor
Non-Tenure
Loma Linda University, Department of Physical Therapy
From July 1, 2010 to June 30, 2011

Community Medical Group of Riverside, Inc.
Staff Physical Therapist
Riverside, CA
From 1999 to 2007

PerformaX Physical Therapy
Manager/Director, specializing in wellness/prevention.
Riverside, CA
From 1998 to 1999

Southern California Sports Rehabilitation, Inc.
Manager, specializing in aquatic therapy.
Los Angeles, CA and Tarzana, CA
From 1997 to 1998

Scholarship

Peer Reviewed Publications/Manuscripts:

1. Miner, D., **Harper, B.** Combined Neurocognitive and Exercise Tolerance Testing Improves Objectivity of Buffalo Concussion Treadmill Test. *Journal of Sport Rehabilitation*. (accepted)
2. **Harper, B.** Shiraishi, M., Soangra, R. (2022). Reliability and Validity of Inertial Sensor Assisted Reaction Time Measurement Tools among Healthy Young Adults. *Sensors* 2022. 22:(21), 8555. <https://doi.org/10.3390/s22218555>
3. **Harper, B.A.**, Miner, D., Parcetich, K. Price, J. (2022). Heart Rate Variability as a Reliable Biomarker Following Concussion: A Critically Appraised Topic. *Journal of Sport Rehabilitation*. 31(7), 954-961. <https://doi.org/10.1123/jsr.2021-0422>
4. Miner, D., **Harper, B. A.**, Glass, S., Martin, B., Polizotto, M., Hearl, S. M., & Turner, E. (2022). Test-Retest Reliability of Postural Control Assessment on Biodex BioSway™. *BioMed Research International*, 2022, 7959830. DOI: [10.1155/2022/7959830](https://doi.org/10.1155/2022/7959830)
5. Aron, A. **Harper, B.**, Andrews, R., Stanley, A., Boggs, E., Wilson, O. (2021). The Effect of Whole-Body Fatigue on King-Devick Test and Balance. *Research Quarterly for Exercise and Sport*.2:1-7 Advance online publication. <https://doi.org/10.1080/02701367.2021.1921103>
6. **Harper, B.** and Glass, S. (2021). Item- and Composite-level Reliability of Functional Movement Screen™ Scores Following Condensed Training. *International Journal of Sports Physical Therapy*, 16(4):1016-1024.
7. **Harper, B.**, Aron, A., John, E. (2021). The Role of Pre-Season Health Characteristics As Injury Risk Factors in Female Adolescent Soccer Players. *Journal of Physical Therapy Science*, 33(5):429-443.
8. **Harper, B.**, Miner, D., Vaughan, H. (2020) Proposing a New Algorithm for Premanipulative Testing in Physical Therapy Practice. *Journal of Physical Therapy Science*. 32(11):775-783. <https://doi.org/10.1589/jpts.32.775>
9. Miner, D.G., **Harper, B.A.**, Glass, S.M. (2020). Validity of Postural Sway Assessment on the Biodex Biosway™ Compared to the Neurocom Smart Equitest. *Journal of Sport Rehabilitation*, 30(3):516-520. <https://doi.org/10.1123/jsr.2020-0227>
10. Jagger K, Frazier A, Aron A, **Harper B.** (2020). Scoring performance variations between the Y balance test, a modified Y balance test, and the modified star excursion balance test. *International Journal of Sports Physical Therapy*, 5(1):34-41. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7015020/>

11. Malloy B, Furrow D, Cook H, Smoot E, Cash L, Aron A, Jagger K, **Harper B.** (2019). Anterior Talofibular Ligament and Superior Extensor Ankle Retinaculum Thicknesses: Relationship with Balance. *Journal of Korean Foot Ankle Society*, 23(4):173-182. <https://doi.org/10.14193/jkfas.2019.23.4.173>
12. **Harper B,** Aron A, Steinbeck L. (2019). Fascial Manipulation vs. Standard Physical Therapy Practice to Low Back Pain Diagnoses: A Pragmatic Study. *Journal of Bodywork and Movement Therapy*, 23:115-121. <https://doi.org/10.1016/j.jbmt.2018.10.007>
13. **Harper B,** Mickle A, Castleberry J, Siyufy A, Aron A, Cox K. (2018). Feasibility Assessment of the Reebok CHECKLIGHT™ and King-Devick Tests as Screening Tools in Youth Football. *Journal of Sports Medicine and Allied Health Sciences*. 2018:4(2): <https://scholarworks.bgsu.edu/cgi/viewcontent.cgi?article=1111&context=jsmahs>.
14. **Harper B,** Jagger K, Aron A, Steinbeck L, Stecco A. (2017). A commentary review of the cost effectiveness of manual therapies for neck and low back pain. *Journal of Bodywork and Movement Therapy*, 21(3):684-691. <https://doi.org/10.1016/j.jbmt.2016.09.014>
[https://www.bodyworkmovementtherapies.com/article/S1360-8592\(16\)30204-2/fulltext](https://www.bodyworkmovementtherapies.com/article/S1360-8592(16)30204-2/fulltext)
15. **Harper BA,** (2016). Challenging the concussion culture by considering sub-concussive forces and the importance of cumulative impacts: a multisystem paradigm, part two. *Journal of Physical Therapy Practice*, 2(1):2-11.
16. **Harper B,** Siyufy A, Castleberry J, Mickle A, Jagger K, Waff A, Cox K. (2015). Clinical experiences using a hit impact indicator in youth football. (November 23, 2015). *The Sport Journal*, 21:ISSN:1543-9518. <http://thesportjournal.org/article/clinical-experiences-using-a-hit-impact-indicator-in-youth-football/>
17. **Harper BA.** (2014). A theoretical paradigm of central cognitive mechanisms linking concussion and whiplash associated disorder: part one. *Journal of Physical Therapy Practice*, 1(1):3-30.
18. **Harper B.** (2013). Concussion assessment: neuromuscular concerns. *Lower Extremity Review*, 5(5):49-54.
19. **Harper BA.** (2013). Intramuscular manual therapy after failed conservative care: a case report. *Orthopedic Physical Therapy Practice*, 25(2):78-84.
20. **Harper B.** (2012). Iatrogenic nerve injury following dry needling for foot pain. *Practical Pain Management*, 12(10):21-31.
21. **Harper B.** (2012). Intramuscular manual therapy for heel pain. *Lower Extremity Review*, 4(11):51-58.
22. **Harper, BA.** (2008). What is the clinical value of labral special tests? *Scientific Physical Therapy*, 17(3):1-9.
23. **Harper, BA.** (2007). Implementing Evidence-Based Medicine for Cervicogenic Headache. *Scientific Physical Therapy*, 16(3): 1-15.
24. **Harper, BA.** (2006). Evidence-based medicine for the treatment of cervicogenic headache and whiplash associated disorders. *Scientific Physical Therapy*, 15(2):4-11.
25. **Harper, BA.** (2006). Evidenced-based medicine for manipulation and vertebral artery concerns. *Scientific Physical Therapy*, 15(1): 3-7.
26. **Harper, BA.** (2005). Cervical Spine Manipulation for the treatment of cervicogenic headache: a modifies extensive literature review. *Scientific Physical Therapy*, 214(4):1-4.

Peer Reviewed Published Abstracts:

1. **Harper, B.**, Jagger, K., Glass, S. (2022). Center of Pressure Velocity and Motor Control Strategies Vary During MSEBT and YBT-LQ. *Medicine & Science in Sports Exercise*, Volume 54(9S):46-47. doi: 10.1249/01.mss.0000875612.08219.02. Presented as a poster presentation at the American College of Sports Medicine (ACSM) 69th Annual Meeting in San Diego, CA (06/01/22) (International Presentation)
2. Aron, A., **Harper, B.**, Glass, S., Piper, E., Lu, D., Reese, H., Weber, N. (2022). Relationship between hip abduction strength and dynamic balance in female gymnasts. *Medicine & Science in Sports Exercise*, Volume 54(9S):376. doi:10.1249/01.mss.0000879784.71440.97. Presented as a poster presentation at the American College of Sports Medicine (ACSM) 69th Annual Meeting in San Diego, CA (06/03/22) (International Presentation)
3. Miner, D., **Harper, B.**, Westbrook, G., Holloway, D., Wynings, C. (2022). Combined Neurocognitive and Exercise Tolerance Testing for Individuals with History of Concussion- Preliminary Data. *Journal of Neurologic Physical Therapy*, Vol.46(1), 2022. Presented as a **poster** presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) in San Antonio, TX (02/03/22). Also presented online due to COVID. (National Presentation).
4. **Harper, B.**, Aron, A. (2021). Preliminary Exploration of Movement Metrics for Collegiate Female Softball Athletes. *Medicine & Science in Sports Exercise*, Volume 53(8S):389 https://journals.lww.com/acsm-msse/Fulltext/2021/08001/Preliminary_Exploration_Of_Movement_Metrics_For.1190.aspx Presented as a poster presentation at the American College of Sports Medicine (ACSM) 68th Annual Meeting in Washington, DC (06/21), presented online due to COVID (International Presentation)
5. **Harper, B.**, Miner, D., Glass, S. (2021). Subtle Multi-System Deficits in Neurocom and ImPACT in Individuals with History of Concussion. *Journal of Neurologic Physical Therapy*, 45(1)54-66. doi: 10.1097/NPT.0000000000000342. Presented as a **poster** presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) (02/21), presented online due to COVID (National Presentation)
6. **Harper, B.**, Miner, D., Glass, S. (2021). Characterized Data for Head-Shake Sensory Interaction and Balance Protocol on the Biodex Biosway. *Journal of Neurologic Physical Therapy*, 45(1)54-66. doi: 10.1097/NPT.0000000000000342. Presented as a **poster** presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) (02/21), presented online due to COVID (National Presentation)
7. Miner, D., **Harper, B.**, Glass, S., Turner, E., Martin, B., Polizotto, M., Hearl, S. (2021). Test-Retest Reliability of Head-Shake Sensory Interaction and Balance on Biodex Biosway for Postural Control Assessment. *Journal of Neurologic Physical Therapy*, 45(1)54-66. doi: 10.1097/NPT.0000000000000342. Presented as a **poster** presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) (02/21), presented online due to COVID (National Presentation)
8. **Harper B.** (2020). Identifying the Educational Needs of 9th and 10th Grade High School Students Regarding Concussion. *Medicine & Science in Sports Exercise*, Volume 52(7S):954. doi: 10.1249/01.mss.0000685920.53437.f5 https://journals.lww.com/acsm-msse/Fulltext/2020/07001/Identifying_The_Educational_Needs_Of_9Th_And_10Th.2823.aspx Presented as a **poster** presentation at the American College of Sports Medicine

- (ACSM) 67th Annual Meeting in San Francisco, CA (05/29/20), presented online due to COVID. (International Presentation)
9. Aron A, Miner DG, **Harper B**, Dudding A, Humphries A, Lawrence S, McDermott B. (2020). The Head Shake Sensory Organization Test and Screening Individuals with Self-Reported History of Concussion. *Medicine & Science in Sports Exercise*, 52(7S):536. doi: 10.1249/01.mss.0000680028.34447.f1 https://journals.lww.com/acsm-msse/Fulltext/2020/07001/The_Head_Shake_Sensory_Organization_Test_And.1609.aspx Presented as a **platform** presentation at the American College of Sports Medicine (ACSM) 67th Annual Meeting in San Francisco, CA (05/28/20), presented online due to COVID. (International Presentation)
 10. Hudson M, Migliarese K, Wagnon T, Jagger K, Aron A, Glass S, **Harper B**. (2020). The Relationship Between Perception of Ankle Instability and Dynamic Balance in Individuals with a History of Ankle Sprains. *Medicine & Science in Sports Exercise*, 52(7S):95-96. doi: 10.1249/01.mss.0000671080.44384.04 https://journals.lww.com/acsm-msse/Fulltext/2020/07001/The_Relationship_Between_Perception_Of_Ankle.286.aspx Presented as a **poster** presentation at the American College of Sports Medicine (ACSM) 67th Annual Meeting in San Francisco, CA (05/27/20), presented online due to COVID. (International Presentation)
 11. Miner, D. **Harper, B.A.**, Case, C., McDermott, B., Humphries, A.G., Dudding, A., Lawrence, S. (2020). Screening Individuals with History of Concussion: Single vs. Double Cluster Testing-Preliminary Data. *Journal of Neurologic Physical Therapy*, 44(1):106–118. doi: 10.1097/NPT.0000000000000302. Presented as a **poster** presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) in Denver, CO). (02/18/20) (National Presentation)
 12. Malloy B, Aron A, Furrow D, Cook H, Smoot E, Cash L, Jagger K, **Harper B**. (2019). Relationship Between Balance And Anterior Talofibular Ligament And Superior Extensor Ankle Retinaculum Thickness. *Medicine & Science in Sports Exercise*, 51(6S):353. doi: 10.1249/01.mss.0000561568.98061.03 https://journals.lww.com/acsm-msse/Fulltext/2019/06001/Relationship_Between_Balance_And_Anterior.1077.aspx Presented as a poster presentation at the American College of Sports Medicine (ACSM) 66th Annual Meeting in Orlando, FL (06/30/19). (International Presentation)
 13. **Harper B**, Adrian A, Jagger K, Zimmerman A, Repass V, Maguire J, Lesko C, Van Nut G. (2019). Using King-Devick and CTSIB-M Scores to Assess Effect of Soccer Heading Drill on Adolescent Female Soccer Players. *Journal of Orthopaedic Sports Physical Therapy*, 49(1):CSM154–CSM208 doi: 10.2519/jospt.2019.49.1.CSM154. Presented as a poster presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) in Washington, DC. (01/26/19) (National Presentation)
 14. **Harper, B**, Aron A, Siyufy A. (2018). Adolescent and Collegiate Knowledge and Behavior Regarding Concussion. *Medicine & Science in Sports Exercise*, 50(5S):826. doi: 10.1249/01.mss.0000538721.18927.e7 https://journals.lww.com/acsm-msse/Fulltext/2018/05001/Adolescent_and_Collegiate_Knowledge_and_Behavior.2730.aspx Presented as a poster presentation at the American College of Sports Medicine (ACSM) 65th Annual Meeting in Minneapolis, MN. (06/02/18) (International Presentation)
 15. Aron, A, Andrews R, Boggs E, Stanley A, Wilson O, **Harper, B**. (2018). Fatigue Influence on King-Devick Test. *Medicine & Science in Sports Exercise*, 50(5S):474. doi:

- 10.1249/01.mss.0000536641.50563.3a https://journals.lww.com/acsm-msse/Fulltext/2018/05001/Fatigue_Influence_On_King_devick_Test_1962_Board.1559.aspx Presented as a poster presentation at the American College of Sports Medicine (ACSM) 65th Annual Meeting in Minneapolis, MN. (05/31/18) (International Presentation)
16. **Harper B**, Cox K, Mickle A, Siyufy A, Holshouser C, Aron A. (2017). Adolescent Behavior Regarding Concussion. *Medicine & Science in Sports Exercise*, 49(5S):712. doi: 10.1249/01.mss.0000518892.45317.ad https://journals.lww.com/acsm-msse/Fulltext/2017/05001/Adolescent_Behavior_Regarding_Concussion_2535.2087.aspx Presented as a poster presentation at the American College of Sports Medicine (ACSM) 64th Annual Meeting in Denver, CO. (06/02/17) (International Presentation)
 17. Holshouser C, **Harper B**, Leake B. (2017). Risk Factor Metrics for Adolescent Female Soccer Injury and Concussive Events. *Medicine & Science in Sports Exercise*, 49(5S):547. doi: 10.1249/01.mss.0000518417.82740.a4 https://journals.lww.com/acsm-msse/Fulltext/2017/05001/Risk_Factor_Metrics_for_Adolescent_Female_Soccer.1612.aspx Presented as a poster presentation at the American College of Sports Medicine (ACSM) 64th Annual Meeting in Denver, CO. (06/01/17) (International Presentation)
 18. Boswell S, Siyufy A, **Harper B**. (2017). The Effect of Dry Cupping and Exercise on Low Back Pain and Range of Motion: A Case Study. *Journal Orthopaedic Sports Physical Therapy*. 2017;47(1):A67-A68. <https://www.jospt.org/doi/pdf/10.2519/jospt.2017.47.1.A58> Presented as a poster presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) in San Antonio, Texas. (02/16/17) (National Presentation)
 19. **Harper B**, Steinbeck L, Aron A, Heldman C. (2016). A pragmatic study addressing fascial access points in thickened connective tissue on those with low back pain: preliminary data. *Manual Therapy*, 25:e105-e106. doi: [10.1016/j.math.2016.05.187](https://doi.org/10.1016/j.math.2016.05.187) Presentation as a poster at the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT) Conference, St. Louis, MO. (10-28-16) (National Presentation)
 20. **Harper B**, Steinberger K, Shifflett J, Hyatt MC, Boswell S, Lail C, Holshouser C, Jagger K, Aron A. (2016). Baseball Pitcher Internal and External Rotational Range of Motion as an Injury Risk Indicator. *Medicine & Science in Sports Exercise*, 48(5S):38. doi:10.1249/01.mss.0000485125.79709.ff https://journals.lww.com/acsm-msse/Fulltext/2016/05001/Baseball_Pitcher_Shoulder_Internal_and_External.119.aspx Presented as a poster presentation at the American College of Sports Medicine (ACSM) 63rd Annual Meeting in Boston, MA. (05/01/16) (International Presentation)
 21. **Harper BA**, Casazza J, Lephew CW, Moore M, Schmidt T, Millar AL. (2015). An Innovative Approach to Decreasing Concussions in Adolescent Female Soccer Athletes. *Medicine & Science in Sports Exercise*, 47(5S):636-637. doi: 10.1249/01.mss.0000478451.75910.b5 https://journals.lww.com/acsm-msse/Fulltext/2015/05001/An_Innovative_Approach_to_Decreasing_Concussions.1963.aspx Presented as a poster presentation at the American College of Sports Medicine (ACSM) 62nd Annual Meeting in San Diego, CA. (05/29/15) (International Presentation)
 22. Lephew CW, Schmidt T, Moore M, Casazza J, **Harper BA**, Julia Castleberry, Aron A. (2015). Identifying Risk Factors for Injury in Adolescent Soccer Players. *Medicine & Science in Sports Exercise*, 47(5S):899. doi: 10.1249/01.mss.0000479173.31036.ea https://journals.lww.com/acsm-msse/Fulltext/2015/05001/Identifying_Risk_Factors_for_Injury_in_Adolescent.2781.aspx

- x Presented as a poster presentation at the American College of Sports Medicine (ACSM) 62nd Annual Meeting in San Diego, CA. (05/29/15) (International Presentation)
23. **Harper B**, Siyufy A, Jorde E, Vaughan H. (2015). The Potential Synergistic Effect of Low Amplitude Thrust Manipulation (HVLAT) and Directional Preference Exercise (DPE) On Centralization: A Case Report. *Journal Orthopaedic Sports Physical Therapy*, 45(1):A108. Presented as a poster presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) in Indianapolis, Indiana. (02/05/15) (National Presentation)
 24. **Harper BA**, Steinbeck L. (2014). Fascial manipulation®: connective tissue's role in pain neuromatrix, regional interdependence, and motor control. *Journal of Manual & Manipulative Therapy*, Electronic Publication. Presentation as a poster at the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT) Conference, San Antonio, TX. (10-24-14) (National Presentation)
 25. **Harper BA**, Kring R. (2014). Linking whiplash associated disorder (WAD) and concussion in sport: a theory report. *Journal of Manual & Manipulative Therapy*, Electronic Publication. Presentation as a poster at the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT) Conference, San Antonio, TX. (10-24-14) (National Presentation)
 26. Vaughan H, Jorde E, Siyufy A, **Harper B**. (2014). The centralization phenomenon following lumbar spine high-velocity, low-amplitude thrust manipulation: a case report. *Journal Orthopaedic Sports Physical Therapy*. 44(1):A115. Presented as a poster presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) in Las Vegas, Nevada. (02/06/14) (National Presentation)
 27. **Harper, BA**. (2009). Clinical Reasoning for Upper Cervical Spine Manipulation: A Modified Extensive Literature Review. *Journal of Manual & Manipulative Therapy*, 17(3):E96. Abstract of: Harper, BA. *Clinical Reasoning for Upper Cervical Spine Manipulation: A Modified Extensive Literature Review* [doctoral dissertation]. San Diego, CA: Ola Grimsby Institute; 2008. Presentation as a poster at the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT) Conference, Anaheim, CA. (10-16-09) (National Presentation)
 28. **Harper, BA**. (2009). Cervical spine manipulation for the treatment of cervicogenic headache: A modified extensive literature review. *Journal of Manual & Manipulative Therapy*, 17(3):E96. Abstract of: Harper, BA. *Cervical Spine Manipulation for the Treatment of Cervicogenic Headache: A Modified Extensive Literature Review* [doctoral dissertation]. San Diego, CA: Ola Grimsby Institute; 2005. Presentation as a platform presentation at the Ola Grimsby Institute Fifteenth Annual Competency Forum, San Diego, CA (08-18-07) and as a poster at the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT) Conference, Anaheim, CA. (10-28-11) (National Presentation)

Peer Reviewed Scientific and Professional Presentations (Platform/Podium):

1. Farris, J., Charles, M., Franco, T., Galvan, A., Henning, D., Spivak, C., Vogel, C., John, E., Brechter, J., **Harper, B.A**. Can Relative Grip Strength be Used as a Balance Performance Assessment? Presented as an oral presentation at the California Physical Therapy Association (CPTA) Annual Meeting, Anaheim, CA (09/25/22) (State Presentation)

2. Lu, D., Aron, A., Weber, N., Reese, H., Piper, E., **Harper, B.** (2022). History of leg injury is not related to indices of ankle health in female gymnasts. *Medicine & Science in Sports Exercise*, Volume 54(9S):165, doi:10.1249/01/mss.0000877100.60632.7a. Presented as an oral presentation at the American College of Sports Medicine (ACSM) 69th Annual Meeting in San Diego, CA (06/01/22) (International Presentation)
3. Whiteford, C., DeStefano, S., Steinbeck, L., **Harper, B.** (2022) Dysmenorrhea: Managing the Monster. Presented as a 2-hour educational peer-reviewed education for the Academy of Pelvic Health Physical Therapy in San Antonio, Texas (February, 2022) (National Presentation).
4. Whiteford, C., DeStefano, S., Steinbeck, L., **Harper, B.** (2021) Pelvic Health and Fascia: Including the Rest of the Body. Presented as a 2-hour educational peer-reviewed education for the Academy of Pelvic Health Physical Therapy in Orlando, FL (March, 2021) (National Presentation).
5. **Harper B.** (2019). Concussion Prevention Education Programs Based on the Theory of Planned Behavior: A Theory Report. Presented as a poster/platform presentation at the Virginia Physical Therapy Association (VPTA) Annual Meeting in Richmond, VA (11/09/19) (State Presentation)
6. Steinbeck L, **Harper B**, Day JA. (2019). A pragmatic study comparing Fascial Manipulation® and “general” physical therapy for those with low back pain related diagnoses. Presented as a platform presentation at the 10th Interdisciplinary World Congress on Low Back and Pelvic Girdle Pain: Applying the Evidence to Reduce Disability in Antwerp, Belgium. (10/29/19) (International Presentation)
7. **Harper BA**, Heldman C, Steinbeck L. (2019). Rediscovering Fascia’s Role in the Health of the Musculoskeletal System. Presented as a platform presentation at the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT) Conference: Redefining Musculoskeletal Health, Orlando, FL. (10/26/19) (National Presentation)
8. Steinbeck L, **Harper BA**. (2019). Does Treating the Fascial System Impact Patient Outcomes? Presented as a platform presentation at the XI Congress Fascial Manipulation Association in Padova, Italy. (06/06/19) (International Presentation)
9. Steinbeck L, **Harper B**, Heldman C. [Neuromechanics and the Recent Advances in Understanding the Role of Connective Tissue in Movement Disorders](#). Presented as a platform presentation at the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT) Conference, Salt Lake City, UT. (10-21-17) (National Presentation)
10. Steinbeck L, **Harper BA**, Aron A. Treating the Fascial System: A Pragmatic Study for those with Back Pain. Presented as a platform presentation at the 8th International Academy of Manual/Musculoskeletal Medicine (IAMMM) in Padua, Italy. (11/25/16) (International Presentation)
11. Lee E, Ely L, Chong H, **Harper B**, Huth R, Kranjnik S, Matthis L, Phillippe H, Sharman J. Annual Transcultural/Integrative Medicine Symposium: Interprofessional Approaches in Managing Complex Cases. Presented as a podium presentation at the 3rd Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/12/16) (Local Presentation)
12. **Harper BA**, Steinbeck L, Aron A. The Effect of Adding Fascial Manipulation® to the Physical Therapy Plan of Care for Low Back Pain Patients. Presented as a platform presentation at the 4th International Fascial Research Congress in Washington, DC (09/18/15). Abstract: http://www.fasciacongress.org/2015/Abstracts/111_Harper.pdf

(International Presentation). Abstract printed in: *Journal of Bodywork and Movement Therapies*. 2016;20(1):148-149. DOI: [10.1016/j.jbmt.2015.07.026](https://doi.org/10.1016/j.jbmt.2015.07.026)

[https://www.bodyworkmovementtherapies.com/article/S1360-8592\(15\)00196-5/fulltext](https://www.bodyworkmovementtherapies.com/article/S1360-8592(15)00196-5/fulltext)

13. **Harper BA**, Steinbeck L, Aron A. The Impact of Fascial Manipulation® in Physical Therapy Practice. Presented as a platform presentation at the VII Congress Fascial Manipulation Association in Vicenza, Italy. (05/06/15) (International Presentation)
14. Siyufy A. **Harper BA**, Mickle A. The Effects of Dry Needling in Healthy individuals with and without Latent Myofascial Trigger Points of the Upper Trapezius. Presented as a platform presentation at the Virginia Physical Therapy Association (VPTA) Annual Conference in Tysons Corner, Virginia. (10/10/14) (State Presentation)

Peer Reviewed Scientific and Professional Presentations (Posters):

1. Kung, A., Ireland, M., Thompson, D., Karim, A., **Harper, B.A.** (2022). Examining Dual-Task vs. Single-Task Impact on Gait Velocity and Reaction Time in Determining Concussion Care. Presented as a poster presentation at the California Physical Therapy Association (CPTA) Annual Meeting, Anaheim, CA (09/25/22) (State Presentation)
2. Vogel, C., Jones, M., Kim, D., Kim, J., Vargas, E., John, E., Brechter, J., **Harper, B.A.** (2022). Does the Type of Grip Strength Equipment Used Matter in the Clinic? Presented as a poster presentation at the California Physical Therapy Association (CPTA) Annual Meeting, Anaheim, CA (09/25/22) (State Presentation)
3. Buckham, K., Williams, C.P., **Harper, B.A.** Blood Flow Restriction, Strength, and Power Training in the Management of Chronic Ankle Instability in a Recreational Runner. Presented as a poster presentation at the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT) Conference, San Diego, CA. (10/28/22). (National Presentation)
4. Steinbeck, L, **Harper, B.A.**, Manual Therapy for Persistent Postural-Perceptual Dizziness: Case Series. Presented as a poster presentation at the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT) Conference, San Diego, CA. (10/28/22). (National Presentation)
5. Steinbeck, L., **Harper, B.**, (2022). Persistent Dizziness Utilizing a Novel Manual Therapy Assessment and Treatment Approach: A Pragmatic Case Series. 6th International Fascia Research Congress in Montreal, Canada (09/11-13/22). (International Conference).
6. Kolb, W., Caughron, J., **Harper, B.**, Cunningham, S., Rapp, L., Wassinger, C. (2022). Development of the Pre-Professional Pain Education survey (3-PES) for assessment of healthcare education pain curricula. Presented as a *poster* presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM), Education Section, in San Antonio, TX (02/05/22) (National Presentation).
7. **Harper, B.**, Siyufy, A., Huth, R., Chiu, Y-P., Aron, A. (2022). National Physical Therapy Examination Success Predictors in Doctor of Physical Therapy Applicants. Presented as a *poster* presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM), Education Section, in San Antonio, TX (02/05/2022). Also presented online due to COVID. (National Presentation).
8. **Harper, B.A.**, Bailey, L. (2021). The Value of Combining Glenohumeral Range of Motion with a Dynamic Functional Task to Identify Injury Risk in Collegiate Baseball Pitchers: A Case Study. Presented as a poster presentation at the California Physical

- Therapy Association (CPTA) Annual Meeting online due to COVID-19. (10/09-10/21)
(State Presentation)
9. **Harper B.** (2019). Concussion Prevention Education Programs Based on the Theory of Planned Behavior: A Theory Report. Presented as a poster presentation at the Virginia Physical Therapy Association (VPTA) Annual Meeting in Richmond, VA. (11/09/19)
(State Presentation)
 10. **Harper B,** Payne E, Arrington A. (2019). Concussion Education for Athlete Injury Prevention – Changing Attitudes and Behaviors: A Theory Report. Presented as a poster presentation at the 6th Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/18/19) (Local Presentation)
 11. Miner D, **Harper B,** McDermott B, Dudding A, Humphries A, Lawrence S. (2019). A Novel Evaluation for Sensory Integration of Balance in Individuals with History of Concussion. Presented as a poster presentation at the 6th Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/18/19) (Local Presentation)
 12. **Harper B,** Zimmerman A, Repass V, Maguire J, Lesko C, Van Nutt G, Adrian A. (2019). Comparing Concussion History with King-Devick and CTSIB-M Scores in Female High School Soccer Players. Presented as a poster presentation at the 6th Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/18/19)
(Local Presentation)
 13. Dudek A, Bal J, Lim A, Smith A, Siyufy A, Aron A, **Harper B.** (2019). Therapeutic Dry Cupping in Conjunction with Targeted Movement in Treatment of Low Back Pain. Presented as a poster presentation at the 6th Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/18/19) (Local Presentation)
 14. Dudek AM, Bal J, Lim A, Smith A, Siyufy A, **Harper B.** (2018). Randomized Clinical trial of Dry Cupping combined with Exercise in patients with Low Back Pain: A Pilot Study. Presented as a poster presentation at the Virginia Physical Therapy Association (VPTA) Annual Meeting in Glen Allen, VA. (11/03/18) (State Presentation)
 15. **Harper B,** Leake B, Favale L. (2018). Preseason Metrics to Identify Athletes at Risk for Concussive or Musculoskeletal Injury. Presented as a poster presentation at the Virginia Physical Therapy Association (VPTA) Annual Meeting in Glen Allen, VA. (11/03/18)
(State Presentation)
 16. Holshouser C, **Harper B.** (2018). Elbow Ulnar Collateral Ligament Characteristics of Collegiate Baseball Players Using Sonography: Theory Report. Presented as a poster presentation at the 5th Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/10/18) (Local Presentation)
 17. Andrews R, Boggs E, Stanley A, Wilson O, **Harper B,** Aron A. (2018). Effect of Exercise Duration on King-Devick and Balance. Presented as a poster presentation at the 5th Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/10/18) (Local Presentation)
 18. **Harper B,** Aron A, Atyam A, Favale L, Kopso A, Leake B. (2018). Pre-season Subjective Factors and Performance on the King-Devick Test. Presented as a poster presentation at the 5th Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/10/18) (Local Presentation)
 19. Boggs E, Stanley A, Willson O, Andrews R, **Harper B,** Aron A. (2018). Effect of Rowing Induced Fatigue on King-Devick and Postural Sway: Preliminary Data. Presented as a poster presentation at the American Physical Therapy Association (APTA)

- Combined Sections Meeting (CSM) in New Orleans, LA. (02/23/18) (National Presentation)
20. Bailey C, Holshouser C, Willaford N, Jagger K, **Harper B.** (2018). The Reliability of Musculoskeletal Ultrasound Measurements Recorded by Certified and Uncertified Clinicians. Presented as a poster presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) in New Orleans, LA. (02/23/18) (National Presentation)
 21. **Harper B,** Aron A, Leake B, Kopso A, Favale L, Atyam A. (2018). Assessing Injury Risk in Adolescent Female Soccer Using Concussion History and King-Devick Test. Presented as a poster presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) in New Orleans, LA. (02/23/18) (National Presentation)
 22. **Harper B,** Aron A, Atyam A, Favale L, Kopso A, Leake B. (2018). Pre-Season Subjective Reports, History of Concussion, and King-Devick Test as Injury Risk Factors. Presented as a poster presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) in New Orleans, LA. (02/22/18) (National Presentation)
 23. McDow K, Malloy B, Siyufy A, **Harper B.** (2017). Implementation of Dry Cupping Combined with Exercise in Patients with Low Back Pain: A Case Series. Presented as a poster presentation at the Virginia Annual Physical Therapy Conference (VPTA) in Newport News, VA. (10/08/17) (State Presentation)
 24. **Harper B.** (2017). Concussion Education: Adolescent Concussion Attitudes and Behaviors in the Roanoke Region. Presented as a poster presentation at the 4th Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/11/17) (Local Presentation)
 25. **Harper B.** (2017). Myofascial Thickness Changes: A Pilot Study Comparing Compression vs. Decompression Techniques. Presented as a poster presentation at the 4th Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/11/17) (Local Presentation)
 26. **Harper B,** Holshouser C, Bailey C, Jagger K. (2017). Correlating Throwing Task Metrics to Assess Rotator Cuff Function: A Pilot Study. Presented as a poster presentation at the 4th Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/11/17) (Local Presentation)
 27. **Harper B,** Bailey C, Holshouser C, Jagger K. (2017). The Relationship of Muscle Thickness to Rotator Cuff Muscle Function (Strength): A Pilot Study. Presented as a poster presentation at the 4th Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/11/17) (Local Presentation)
 28. Banks B, DiDomenico, Woodward E, **Harper B,** Aron A. (2017). Identifying Concussion Risk Factors in Ice Hockey. Presented as a poster presentation at the 4th Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/11/17) (Local Presentation)
 29. McDow K, Siyufy A, Harper B, Aron A, Payne EK. (2017). Exercise Combined with Dry Cupping for Low Back Pain in a Past Softball Player: A Clinical Case Study. Presented as a poster presentation at the South Carolina Annual Physical Therapy Conference (SCAPTC) in Greenville, SC. (03/31/17) (State Presentation)
 30. Jagger K, Bailey C, **Harper B.** (2017). Integrating Real-Time Musculoskeletal Ultrasound Education into a Doctor of Physical Therapy Curriculum. Presented as a

- poster presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) in San Antonio, Texas. (02/17/17) (National Presentation)
31. McDow K, Malloy B, Siyufy A, **Harper B.** (2017). Implementation of Dry Cupping Combined with Exercise in Patients with Low Back Pain. Presented as a poster presentation at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM) in San Antonio, Texas. (02/17/17) (National Presentation)
 32. Lail C, Vaughan H, **Harper B.** (2016). Can Physical Therapy Improve Disturbances in Taste Following Teeth Extraction? A Case Report. Presented as a poster presentation at the Virginia Physical Therapy Association (VPTA) Annual Conference in Chantilly, VA. (10/08/16) (State Presentation)
 33. **Harper B.** (2016). Influencing the Movement System for those with Low Back Pain by Addressing Connective Tissue Using an Integrated Biomechanical Model. Presented as a poster presentation at the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT) Conference, St. Louis, MO. (10/28/16). (National Presentation)
 34. Kolb W, **Harper B.** (2016). Using the Re-Aim Framework to Evaluate and Guide a Quality Improvement Program: Implementation of Low Back Pain Clinical Practice Guidelines (P01-LB-036). Presented as a poster presentation at the International Federation of Orthopaedic Manual Physical Therapists (IFOMPT) in Glasgow, Scotland. (07/07/16) (International Presentation)
 35. **Harper B.**, Heldman, C. (2016). Premanipulative Testing and Benign Adverse Events with Cervical Manipulation: A Modified Extensive Literature Review (P03-MT-058). Presented as a poster presentation at the International Federation of Orthopaedic Manual Physical Therapists (IFOMPT) in Glasgow, Scotland. (07/05/16) (International Presentation)
 36. **Harper B.**, Steinbeck L, Aron A. (2016). A Pragmatic Study Addressing Fascial Access Points in Thickened Connective Tissue on those with Low back Pain: Preliminary Data (P04-LB-039). Presented as a poster presentation at the International Federation of Orthopaedic Manual Physical Therapists (IFOMPT) in Glasgow, Scotland. (07/04/16) (International Presentation)
 37. **Harper B.**, Kring R, Castleberry J. (2016). Linking Whiplash Associated Disorder (WAD) and Indirect Sport Concussion: A Central Processing Based Theory Report. Presented as a poster presentation at the NEXT Conference & Exposition in Nashville, TN. (06/09/16) (National Presentation)
 38. **Harper B.**, Boswell S, Lail C, Holshouser C. (2016). Modifying Injury Risk Through Movement Intervention Protocol. Presented as a poster presentation at the 3rd Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/12/16) Abstract printed in the Journal of Physical Therapy Practice (JPTP) 2016;2(1):15-16. (Local Presentation)
 39. Harrell D, Harrelson Z, Hermann C, Philips A, **Harper B.**, Aron A. (2016). Reliability Study on Selective Functional Movement Assessment (SFMA) in Real-Time. Presented as a poster presentation at the 3rd Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/12/16) Abstract printed in the Journal of Physical Therapy Practice (JPTP) 2016;2(1):16-17. (Local Presentation)
 40. Jagger K, Bailey C, **Harper B.** (2016). Integrating Real-Time Musculoskeletal Ultrasound Education into a Doctor of Physical Therapy Curriculum. Presented as a poster presentation at the 3rd Annual Waldron College Interprofessional Symposium &

- Expo in Radford, VA. (04/12/16) Abstract printed in the Journal of Physical Therapy Practice (JPTP) 2016;2(1):17-18. (Local Presentation)
41. Harris R, McClaugherty E, Mitchell H, Sutphin T, Aron A, **Harper B**, Siyufy A. (2016). Instrument-Assisted vs. Self-Release Soft Tissue Mobilization Techniques for Individuals with Active Myofascial Trigger Points. Presented as a poster presentation at the 3rd Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/12/16) Abstract printed in the Journal of Physical Therapy Practice (JPTP) 2016;2(1):18. (Local Presentation)
 42. **Harper B**, Steinbeck L, Aron A. (2015). The Impact of the Integrated Biomechanical Fascial Manipulation® Method on those with Low Back Pain: Preliminary Data from a Pragmatic Study. Presented as a poster presentation at the Virginia Physical Therapy Association (VPTA) Annual Conference in Newport News, VA. (10/10/15) (State Presentation)
 43. **Harper BA**. (2015). Exploring Tri-Planar Connective Tissues Relationship to Acupuncture Meridians. Presented as a poster presentation at the [2nd Annual Waldron College Interprofessional Symposium & Expo](#) in Radford, VA. (04/14/15) (Local Presentation)
 44. Lephew CW, Schmidt T, Casazza J, Moore M, **Harper BA**. (2015). Predicting Injury in Adolescent Athletes: Utilizing Preseason Screening to Identify Risk Factors in Club Soccer Players. Presented as a poster presentation at the [2nd Annual Waldron College Interprofessional Symposium & Expo](#) in Radford, VA. (04/14/15) (Local Presentation)
 45. Paulus CB, Thomas P, Bushman J, **Harper BA**. (2015). Injury Prevention: The Relationship Between Dynamic Movement Assessments and Corrective Movement Strategies to Decrease Injury Risk in Corssfit Athletes. Presented as a poster presentation at the [2nd Annual Waldron College Interprofessional Symposium & Expo](#) in Radford, VA. (04/14/15) (Local Presentation)
 46. Siyufy A, **Harper BA**, Kahn T, Midkiff T, Woods-Bailey M. (2015). Effectiveness of Self-Applied Compression Using Thera-Cane for Reducing the Sensitivity of Latent Myofascial Trigger Points in the Upper Trapezius Muscle: a Randomized Sham-Controlled Trial. Presented as a poster presentation at the [2nd Annual Waldron College Interprofessional Symposium & Expo](#) in Radford, VA. (04/14/15) (Local Presentation)
 47. **Harper B**, Cox, K, Mickle A, Siyufy A, Castleberry J, Waff A, Coble, J. (2015). Monitoring Concussion Risk Using Rebook CHECKLIGHT™. Presented as a poster presentation at the 2nd Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/14/15) (Local Presentation)
 48. **Harper BA**, Siyufy A, Holt T, Kelley C, Gorman S, Swanson E. (2014). Functional Movement Screen (FMS™) Reliability: A Movement Wellness Metric, Accepted as a poster presentation at the 7th Annual Carilion Research Day 2014 in Roanoke, VA. Abstract published in Research Day 2014, Carilion Clinic. (04/29/14) (Regional Presentation)
 49. Siyufy A, **Harper B**, Dunn S, Giles, S. (2014). Effect of Thermal Agents on Post-Dry Needling Soreness Between Individuals With and Without Latent Myofascial Trigger Points: A Pilot Study, Accepted as a poster presentation at the 7th Annual Carilion Research Day 2014 in Roanoke, VA. Abstract published in Research Day 2014, Carilion Clinic. (04/29/14) (Regional Presentation)
 50. Siyufy A, **Harper B**, Castleberry J, Vaughn H, Jorde E, Garcia J. (2014). A Treatment approach for Low Back Pain using the McKenzie Method combined with Spinal

- Manipulative Therapy: A Theory Report, Accepted as a poster presentation at the West Virginia American Physical Therapy Association Annual Meeting, Morgantown, WV. (4/5/14) (State Presentation)
51. Castleberry J, **Harper B**, Huth R, Linville R, Siyufy A, Jagger K, John E, Swanson E. (2014). Pedagogical Integration in Higher Education: Developing Critical Thinking Skills. Building Self Confidence [abstract]. Presentation as a poster at the proceedings of the 2014 Conference on Higher Education Pedagogy Proceedings, the 6th Annual Conference on Higher Education Pedagogy, Hosted by the Center for Instructional Development and Educational Research (CIDER), Virginia Tech, Blacksburg, VA. (02/14) (International Presentation)
 52. **Harper BA**, Steinbeck L. (2013). Regional Interdependence: The Role of Connective Tissue in Biomechanical Movement As Evidenced Through the Fascial Manipulation© Method – A Case Report, Accepted as a poster presentation at the American Academy of Orthopaedic Manual Therapist Conference, Cincinnati, OH. (10/13) (National Presentation)
 53. **Harper BA**, Ryan SG. (2013). Intramuscular Manual Therapy (Dry Needling) for Chronic Right Medial Elbow Pain in A 17-Year-Old Baseball Pitcher: A Case Report, Accepted as a poster presentation at the American Academy of Orthopaedic Manual Therapist Conference, Cincinnati, OH. (10/13) (National Presentation)
 54. **Harper BA**, Steinbeck L. (2013). Deep Fascia's Regional Interdependence Role in Motor Control and Tri-Planer Assessment and Intervention. Presented as a poster presentation at the Virginia Physical Therapy Association (VPTA) Annual Conference in Richmond, Virginia. (10/11/13) (State Presentation)
 55. Jorde E, Vaughan H, Love D, Siyufy A, **Harper B**, Aron A. (2013). The Centralization Phenomenon and Patient Outcomes Following A Combination of Directional Preference Exercise (DPE) and Lumbar High Velocity Low Amplitude Thrust (HVLT) Manipulation: A Case Report. Presented as a poster at presentation at the Virginia Physical Therapy Association (VPTA) Annual Conference in Richmond, Virginia. (10/11/13) (State Presentation)
 56. **Harper B**, Jagger K, Castleberry J, Siyufy A, Aron A, Huth R, Swanson E, John E. (2013). Developing an Autonomous Entry-Level Doctor of Physical Therapy Practitioner: The Science and Art of a Clinical Education Program [abstract]. Presentation as a poster at the proceedings of the 2013 Conference on Higher Education Pedagogy Proceedings, the 5th Annual Conference on Higher Education Pedagogy, Hosted by the Center for Instructional Development and Educational Research (CIDER), Virginia Tech, Blacksburg, VA. (02/13) (International Presentation)
 57. Castleberry J, **Harper B**, Huth R, Jagger K, John W, Siyufy A, Swanson E. (2012). An integrated doctor of physical therapy curriculum: fulfilling a growing community need [abstract]. Presented as a poster at the proceedings of the 2012 Conference on Higher Education Pedagogy Proceedings, the 4th Annual Conference on Higher Education Pedagogy, Hosted by the Center for Instructional Development and Educational Research (CIDER), Virginia Tech, Blacksburg, VA. (02/12) (International Presentation)
 58. **Brent Harper** – Capstone Project (Doctor of Science in Physical Therapy/Orthopedic Manual Physical Therapy, D.Sc. degree): Intramuscular Manual Therapy (Dry Needling) for Chronic Right Elbow Lateral Epicondylagia: A Case Report, Presentation as a poster at the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT) Conference, Anaheim, CA. (10-28-11) (National Presentation)

59. **Harper BA** and Ryan SG. (2011). Cuboid manipulation in a patient with chronic ankle sprain and history of fibular fracture and os trigonum: a case report. *Scientific Physical Therapy*. 2011;20(1):1-11. Presentation as a poster at the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT) Conference, Anaheim, CA. (10-28-11) (National Presentation)

Peer Reviewed Published Book Chapters

1. Harper, B.A. Chapter 7: Pathophysiology of Trauma. In: Grimsby, O., Rivard, J. Clinical and Scientific Rationale for Modern Manual Therapy. Independent Study Prerequisite to Clinical Competencies [e-book]. 10th ed. Utah:Ola Grimsby Institute; 2020.
2. Harper, B.A. Chapter 2: History of Manual Therapy. In: Grimsby, O., Rivard, J. Clinical and Scientific Rationale for Modern Manual Therapy. Independent Study Prerequisite to Clinical Competencies [e-book]. 10th ed. Utah:Ola Grimsby Institute; 2020.
3. Harper, B.A. Chapter 7: Pathophysiology of Trauma. In: Grimsby, O., Rivard, J. Clinical and Scientific Rationale for Modern Manual Therapy. MT-1 Independent Study Course Workbook [e-book]. 2nd ed. Utah:Ola Grimsby Institute; July 2013.

Grant Activity:

1. September 20, 2021 to September 19, 2022 – **Harper B.** Grant Writers Award (2021 Grant Writers Bootcamp at Chapman University), Investigating Gait and Postural Stability Biomarkers of Concussion during Dual-Tasking (\$4,000 – Funded)
2. June 15, 2021 to June 14, 2022 – **Harper B.** Faculty COVID-19 Impact Fund (Spring 2021), Chapman University: Factors Affecting Motor Control in those with Chronic Ankle Instability. (\$5,000 – Funded)
3. **Harper B.** & Kolb W. High Impact Practices (HIPs) Grant to Enhance the Classroom Experience, Radford University: Physical Therapy Non-Pharmacology Intervention for Chronic Pain: Integrating Pain Neuroscience Education (PNE) Into An Entry-Level DPT Program. (\$1,000 – Not Funded)
4. Grant Letter of Interest (LOI) submitted to the Virginia Board of People with Disabilities which is federally funded by the U.S. Department of Health and Human Services, Administration for Community Living, Administration on Intellectual and Developmental Disabilities in amount of \$300,000 titled, “Project A.B.L.E. Promoting active lifestyle for differently-abled individuals in rural Southwest Virginia through recreation and sport, education, and social experiences submitted by Dr. **Harper**, Dr. Parcetich, Dr. Miner, and Dr. Smith. [A: Awareness; B: Barriers; L: Link; E: Education] (\$300,000 - LOI Submitted July 31, 2019 – Not Funded)
5. May-August 2018 – Jagger K, **Harper B.** High Impact Practices (HIPs) Grant to Enhance the Classroom Experience, Radford University: Integrating Real-Time Musculoskeletal Ultrasound As a Standard in Entry-Level Physical Therapy Education. (\$1,000 – Funded)
6. Sep 2017 – Payne E, McDow K, Siyufy A, **Harper B.** Mid-American Athletic Training Association (MAATA) Grant. How Dry Cupping Changes Range of Motion (ROM) and Athletic Performance in Track Athletes. (\$2,000 – Not Funded)
7. May 2017 – **Harper B.** SEED Grant Award, College of Graduate Studies and Research, Radford University: The Effect of Rowing-Induced Fatigue on King-Devick and Postural Stability. (\$12,761.91 – Funded)

8. 2016-2017 – **Harper B.** College Research/Scholarly Project Award, Waldron College of Health and Human Services Grant: Concussion Education: Comparing the Effects of Tangential Oscillations (Fascial Manipulation) vs. Myofascial Decompression (Cupping) on Myofascial Thickness using Real-Time Musculoskeletal Ultrasound. (\$10,000 – Funded)
9. 2016-2017 – **Harper B.** College Research/Scholarly Project Award, Waldron College of Health and Human Services Grant: Concussion Education: Adolescent Attitudes and Behaviors of Concussion in the Roanoke Region. (\$10,000 – Funded)
10. 2015-2016 – Jagger K & **Harper B.** College Research/Scholarly Project Award, Waldron College of Health and Human Services Grant: Changing Connective Tissue Thickness: Effect on Patient Outcomes. (\$10,000 – Funded)
11. 2014-2015 – **Harper B.** College Research/Scholarly Project Award, Waldron College of Health and Human Services Grant: Prospective Analysis of Fascial Manipulation for Low Back Pain. (\$9,325 – Funded)
12. 2013-2014 – **Harper B.** College Research/Scholarly Project Award, Waldron College of Health and Human Services Grant: Determining Algorithmic Relationship Regarding Concussion Incidence for Collegiate Female and Male Soccer Players. (\$10,000 – Funded)
13. 2013-2014 – **Harper B.** College Research/Scholarly Project Award, Waldron College of Health and Human Services Grant: Determining Musculoskeletal Injury Risk for High School Female Softball Players. (\$10,000 – Funded)
14. 2012-2013 – Siyufy A & **Harper B.** College Research/Scholarly Project Award, Waldron College of Health and Human Services Grant: A Descriptive Study of the Centralization Phenomenon Occurrence Post Lumbar Spine High Velocity Low Amplitude Thrust Manipulation. A Prospective Analysis. (\$10,000 – Funded)
15. 2011-2012 – **Harper B.** College Research/Scholarly Project Award, Waldron College of Health and Human Services Grant: Intramuscular Manual Therapy for Myofascial Trigger Points from Mechanism of Action to Efficacy of Treatment: A Review. (\$10,000 – Funded)

Manuscript/Journal Reviewer

International Journal of Sports Physical Therapy (IJSPT)

Journal of Sports Science

Journal of Applied Biomechanics

Journal of Athletic Training

Journal of Translational Medicine

Women in Sport and Physical Activity Journal

PLoS ONE

Neuroscience Letters

HELIYON

Journal of Sports Medicine and Allied Health Sciences: Official Journal of the Ohio Athletic Trainers Association

Current/Active Research Activity:

Impact of addressing the fascial system (Fascial Manipulation® Method) on low back pain (LBP).

Identifying various metrics to identify risk factors for those suffering a musculoskeletal (e.g., chronic ankle sprain) and/or a concussive injury. Metrics include: King-Devick test, Biodex Biosway sensorimotor balance (mCTSIB) assessment, LQ-YBT, FMS, head sensor data for impact, and ImPACT data.

Identifying muscle thickness using real-time musculoskeletal ultrasound imaging to muscle performance on the Biodex System 4.

Membership in Scientific/Professional Organizations:

APTA (American Physical Therapy Association member since 1995). **Orthopaedic, Sports and Education Sections.**

Academy of Orthopaedic Physical Therapy:

Imaging SIG, since 2016

Pain SIG, since 2020

Academy of Education:

Academic Faculty SIG, since September 2009.

American Academy of Sports Physical Therapy:

Concussion SIG, Since February 2020

(COMPTSIG) California Orthopedic Manual Physical Therapy Special Interest Group member since 2022.

AAOMPT (American Academy of Orthopaedic Manual Physical Therapists, since 2001).

Fellow – FAAOMPT, since April 2005.

AAOMPT Academic and Clinical Faculty Special Interest Group (**ACF SIG**) since 2013.

AAOMPT Sports Special Interest Group since November 17, 2017.

ACAPT (American Council of Academic Physical Therapy) Individual member since fall 2017 to present.

- ACAPT Clinical Reasoning & Curricula Assessment Consortium (**CRCAC**), member since fall 2017.

NCFDD (National Center for Faculty Development & Diversity) Individual member since January 2022 to present.

ACSM (American College of Sports Medicine) Individual member since February 2020 to present.

NASS (North American Spine Society, membership from 2003 - 2012).

ABS (American Back Society, since 2005). **Fellow – FABS**, since December 2005.

NSCA (National Strength & Conditioning Association, since 1999).

Community Service:

STEPtember (09/01-30/20) – Walking Fundraiser for Cerebral Palsy Research – Ranked 5th in Top Steppers

Head soccer coach for 9-12 yr. old boys & girls for the Roanoke Valley Homeschool Recreation (RVHR) league Aug - Oct 2018.

Head soccer coach for 9-12 yr. old boys & girls for the Roanoke Valley Homeschool Recreation (RVHR) league March 13 – May 11, 2018.

Head soccer coach for 9-12 yr. old boys & girls for the Roanoke Valley Homeschool Recreation (RVHR) league Aug - Oct 2017.

Providing pro bono physical therapy services at Advanced PT of Virginia, 2013 to 2019.

Volunteer, Salem High School Physicals, Salem, VA – Organizing Radford University Students and Faculty & Assisting with athlete screening (May 9, 2018)

Volunteer, Salem High School Physicals, Salem, VA – Organizing Radford University Students and Faculty & Assisting with athlete screening (May 3 & 10, 2017)

Volunteer, Salem High School Physicals, Salem, VA – Organizing Radford University Students and Faculty & Assisting with athlete screening (May 4 & 11, 2016)

Volunteer, Salem High School Physicals, Salem, VA – Organizing Radford University Students and Faculty & Assisting with athlete screening (May 6 & 13, 2015)

Volunteer, Salem High School Physicals, Salem, VA – Organizing Radford University Students and Faculty & Assisting with athlete screening (May 1 & 7, 2014)

Volunteer, Salem High School Physicals, Salem, VA – Organizing Radford University Students and Faculty & Assisting with athlete screening (May 2 & 9, 2013)

Service

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

Department (Physical Therapy – Chapman University)

Chapman University, Chair's Leadership Committee, Member from 2020 – present.

Chapman University, Accreditation (CAPTE & WASC) Committee, Member from 2020 – present.

Chapman University, Research Committee, Member from 2020 – present

Chapman University, Faculty Search Committee (DCE Position: Director of Clinical Education), Member from 2021 – 2022

Chapman University, Faculty Search Committee (ADCE Position: Assistant Director of Clinical Education), Member from 2021 – 2022

Chapman University, Faculty Search Committee (Research, Tenure-Track Position), Member from 2021 – 2022

College (Crean College of Health and Behavioral Sciences – Chapman University)

Developed general standard operating procedures (SOPs) templates used for lab classes in order to foster and facilitate a safe return to lab courses during the COVID-19 lockdowns experienced in Orange County, CA, during Summer trimester of 2020. SOPs development required working with the Dean's office of Crean College as well as departmental

administration and staff. I completed two specific SOPs for two different courses, which included Musculoskeletal Practice Management I: Lower Quarter (PT-535) and Physical Agents (PT-539).

Department (Physical Therapy – Radford University)

Radford University Carilion (RUC), Chair of the Department of Physical Therapy from 2017-2020. Chair of the Department of Physical therapy and governing the Physical Therapy Assistant (PTA) program from June 2019 to January 2020.

Radford University Carilion (RUC), Chair of the Faculty Search for the PTA DCE position from June to August 2019.

Radford University (RU) Chair & Program Director: 2017 to January 2020.

Lead CAPTE SSR & Response: 2017 to 2019.

Faculty Mentor, Anatomy

- a. Co-developer of the anatomy mentorship action plan and provide oversight of the mentorship program (10/11/17 to 08/10/18)

Department CAPTE committee member: 2012 – 2014.

Department committee chair:

Curriculum Committee 2013 – 2017

Department committee member:

Curriculum Committee 2011 – 2020

Ad Hoc Curriculum Committee, program course sequencing, 2015

Ad Hoc Curriculum Committee, developing CPE I, 2015-2016

Sub-Committee, CPE Logistics, 2015 - 2018

Clinical Education Review Committee (CERC) 2011 – 2015

Personnel Committee 2011 – 2014

Selection Committees 2011 – 2014

Sub-Committee, Applications, Reference Team 2011-2015

Selection Leadership Committee 2013 – 2014

Sub-Committee, Applications, Essay Team 2015 - 2018

Faculty Search Committee 2014 – 2015 (Neuro and two Generalist positions)

Faculty Search Committee Jan to Nov 2017 (Anatomy position)

Primary advisor for approximately 12 graduate students per AY.

Class Advisor for graduating class of 2017 & 2019.

Capstone (DPT Capstone) Chair:

Musculoskeletal Thickness Assessment of Anterior Talofibular Ligament and Superior Extensor Retinaculum: Relationship with Static and Dynamic Balance (2020)

The relationship between ATFL thickness, perceived functional ankle instability, and dynamic balance performance (2019)

The Effect of a Soccer Heading Drill on Balance and King-Devick (2019)

The Role of Preseason Measures as Injury Risk Factors in Female Adolescent Soccer Players (2018)

Identifying Concussion Risk Factors in Ice Hockey (2017)
Reliability Study on Selective Functional Movement Assessment (SFMA) in Real-Time (2016)
Injury Prevention: The Relationship Between Dynamic Movement Assessments and Corrective Movement Strategies to Decrease Injury Risk in Crossfit Athletes (2015)
Identifying Risk Factors for Injury in Adolescent Soccer (2015)
The Functional Movement Screen (FMS™): Interrater and Intrarater Reliability (2014)

Capstone (DPT Capstone) Co-Chair:

Reliability and Validity of a Novel Evaluation Technique for Sensory Integration of Balance Compared to Head Shake Sensory Organization Test (HS-SOT) in Individuals with or without a History of Concussion (2020)
The Reliability of Musculoskeletal Ultrasound Measurements Recorded by Certified and Uncertified Clinicians (2018)

Capstone (DPT Capstone) Member:

Effect of Rowing –Induced Fatigue on King-Devick and Balance (2018)
Instrument Assisted vs. Self-Release Soft Tissue Mobilization Techniques for Individuals with Active Myofascial Trigger Points (2017)
Influence of Exercise Delivery on Recovery Following Total Knee Arthroplasty (2017)
A Comparison Between Performance on Modified Star Excursion Balance Test on a Flat Surface vs. Elevated Surface (2016)
The Effect of Localized Upper Body Fatigue on Static and Dynamic Balance (2016)
Effects of Untreated Obstructive Sleep Apnea on Cardiovascular Hemodynamic Function: A Two Year Follow-up Study (2016)
Trigger Points with Graston vs. Thera-Cane (2016)
Instrument-Assisted vs. Self-Release Soft Tissue Mobilization Techniques for Individuals with Latent Trigger Points (2015)
Scoring Performance and Kinematic Variations Between the Y-Balance Test, Modified Y-Balance Test, and Modified Star Excursion Balance Test (2015)
The Effects of Dynamic Stretching on Hemodynamics and Metabolic Function (2015)
Effects of Thermal Agents on Post-Needling Soreness – A Pilot Study (2014)
Is Balance Reaction in Healthy Transtibial Prosthetic Users When Comparing Selected K3 Feet – A Pilot study (2014)
Influence of Payer Type on Physical Therapy Visits (2014)

Service as a mentor for Graduate Research Fellows (GRF's), assisting current research lines:

1. Jay Coble, research topic concussion. (co-mentor), Spring 2015.
 - Title: *An Overview of Youth Sports-Related Concussion Assessment and Directions for Future Research*
2. Cameron Holshouser, research topic concussion (mentor), Spring 2016.
 - Title: *Sub-concussive Impacts Can Alter Multiple System Function*
3. Cody Baily, research topic real-time MSK ultrasound (co-mentor), Spring 2016.
 - Title: *Integrating Real-Time Musculoskeletal Ultrasound Education into a Doctor of Physical Therapy Curriculum*
4. Steven Boswell, research topic connective tissue (co-mentor), Spring 2016.

- Title: *A Theory Report: Randomized Clinical Trial of Dry Cupping Combined with Exercise in Patients with Low Back Pain: A Pilot Study*
- 5. Cameron Holshouser, research topic throwing with emphasis on baseball pitching (mentor), Spring 2017
 - Title: *Correlating Throwing Task Metrics to Assess Rotator Cuff Function: A Pilot Study*
 - Title: *A Case Report: Undiagnosed Rotator Cuff Weakness in an Adolescent Baseball Pitcher*
- 6. Cody Baily, research topic real-time ultrasound thickness measurements & muscle function (co-mentor), Spring 2017
 - Title: *The Relationship of Muscle Thickness to Rotator Cuff Muscle Function (Strength): A Pilot Study*

Nominated Kevin Steinberger, a graduating Radford University DPT student, for the prestigious Doctor of Physical Therapy Visionary Foundation Gary L Soderberg Doctor of Physical Therapy Scholarship in 2016. Each physical therapy school can nominate only one candidate for this award.

College (Waldron College of Health and Human Services (WCHHS) Radford University)

Leadership Team (LT) Member 2017 to 2020.
 Strategic Planning Committee Member 2012 – 2017.
 Interprofessional Peer Review Committee Member:
 (Abstract Review Committee for Waldron Symposium & Expo) 2014 – 2016
 Curriculum Committee Member 2015 – 2017
 Faculty Marshal at WCHHS graduation commencement. May 9, 2017
 Faculty Marshal at WCHHS graduation commencement. May 6, 2017

University (Radford University)

Interprofessional Education (IPE) Steering Committee, May 2019 to January 2020.
 Associate Provost for Health Sciences Search Committee – Committee Member. March 18, 2019 to September 2019.
 Jefferson College of Health Sciences Merger – Academic Programs and Accreditation Subcommittee Appointment. Feb 21, 2018 to July 10, 2019.
 Council of Chairs, member. Aug 2017 to January 2020.
 Faculty Senate Retreat (08/14/17)
 Virginia Intercollegiate Anatomy Laboratory (VIAL) Steering Chair. December 14, 2018 to July 10, 2019.
 Virginia Intercollegiate Anatomy Laboratory (VIAL) Steering Committee, member. July 21, 2017 to December 14, 2018.
 CVPA/Waldron Collaborative Task Force for Creative Endeavors: Envisioning the Future of Healthcare Delivery and Education – standing ad hoc committee, Invited participant. May 2017 to December 2019.
 Strategic Planning Task Force: Philanthropic Giving and Alumni Engagement – A Subcommittee of the Strategic Planning Task Force Summit for the AY2016-2017. Elected to this sub-committee by the physical therapy faculty.
 Budget Planning Summit – University President (Dr. Hemphill) Initiative, Invited participant

(September 9, 2016)

Transcultural Practice/Integrative Medicine Steering Committee Member (TIMES-C) 2015 to 2018.

Faculty Senate 2014 – August 2019

Faculty Senate, Curriculum Sub-Committee 2014 – 2019

Student Athlete Appeals Committee 2015 – 2017

RU Branding & Marketing Initiative (Ruffalo Noel Levitz Consulting) 2015

Professional Service:

Director of Research Development (DRD) & Research Director for the Ola Grimsby Institute (OGI) Residency and Fellowship Programs, 08/01/20 to present.

Founding Member of the Virginia Anatomical Advisory Board (VAAB) (Member No. 19-7-0053), July 11, 2019.

American Academy of Orthopaedic Manual Physical Therapists (AAOMPT) International Monitoring and Educational Standards Committee, External Assessor (National Level – Member, Appointed), 2019 to present.

Virginia Physical Therapy Association (VPTA), District Director (State Level - Elected) VPTA Board of Directors position, 2018 to 2019.

Virginia Physical Therapy Association (VPTA), VPTA Board Liaison (State Level - Appointed) to the Membership Subcommittee, 2018 to 2019.

Virginia Physical Therapy Association (VPTA), VPTA Board Liaison (State Level - Appointed) to the Diversity Subcommittee, 2018 to 2019.

Jefferson College of Health and Human Services, PTA Advisory Board Member, from 2017 to 2019. Transitioned to PTA Advisory Board Member for Radford University Carilion (RUC) from 2019 to 2020.

American Council of Academic Physical Therapy (ACAPT), Nominating Committee Member of the Clinical Reasoning Consortium (Elected), 2017 to 2019.

Ola Grimsby Institute (OGI), Research Committee 2015 to 2018.

Co-Editor, Journal of Physical Therapy Practice (JPTP), from 2014 to 2018.

American Council of Academic Physical Therapy (ACAPT) Clinical Reasoning Curricula and Assessment Consortium - Member, 2017 to present.

American Academy of Orthopaedic Manual Physical Therapist (AAOMPT), Academic & Clinical Faculty Special Interest Group (ACFSIG), Nominating Committee, 2013 to 2015.

Virginia Physical Therapy Association (VPTA), Nominating Committee (State Level), 2013 to 2015.

Virginia Physical Therapy Association (VPTA), Nominating Committee (District Level), 2013 to 2015.

Committee on Clinical Residency & Fellowship Program Credentialing (APTA), Reviewer Subcommittee, 2008-2010; and 2010-2012.

Item Writer for the Specialization Academy of Content Experts (SACE) Orthopedics through American Board of Physical Therapy Specialties (ABPTS), January 1, 2006 to December 31, 2007; January 1, 2008 to December 31, 2009; and January 1, 2010 to December 31, 2011.

Oklahoma Physical Therapy Association (OPTA), Eastern District, Director, 2010 & 2011.

Oklahoma Physical Therapy Association (OPTA), National Delegate for the APTA House of Delegates; 2010 & 2011.

Center Coordinator of Clinical Education (CCCE) at SouthCrest Hospital, Tulsa, OK from 2007 to 2011.

Center Coordinator of Clinical Education (CCCE) at Community Medical Group of Riverside, CA from 2001 to 2007.

California: Newsletter Editor for Inland Counties District (ICD of CPTA), APTA, 2006.

California: Executive Member for Inland Empire Counties District (ICD of CPTA), APTA, appointed member, 2006.

California: Chairperson for the Inland Empire Counties District (ICD of CPTA), APTA, 2005, 2007.

California: Representative for the Inland Empire Counties District (ICD of CPTA), APTA, 2005, 2007.

California Nominating Committee Chairperson for Inland Counties District (ICD of CPTA), APTA, 2005, 2006.

California: Nominating Committee for the Inland Empire Counties District, APTA, 2-year term, from 2002 to 2004.

Honors and Awards:

Outstanding Chairperson Award from 2017 to 2020 awarded by the Dean's Office for outstanding service to the Leadership Team (School of Nursing; School of Social Work; Department of Physical Therapy; Department of Occupational Therapy; Department of Communication and Sciences Disorders; Department of Physician Assistant Studies; Department of Clinical Health Professions; Department of Public Health and Healthcare Leadership).

Third Place, co-winner, Associazione Manipolazione Fasciale (AFM) 2015 Research Award for “The Impact of Fascial Manipulation® in Physical Therapy Practice” by **Harper BA**, Steinbeck L, Aron A. Presented as a platform presentation at the VII Congress Fascial Manipulation Association in Vicenza, Italy. (05/06/15)

John L. "Jack" Echternach Research Award (2014) for the platform presentation given at the VPTA Annual Conference in Tysons Corner, Virginia. (10/11/14). Research Project: Siyufy A. **Harper BA**, Mickle A. The Effects of Dry Needling in Healthy individuals with and without Latent Myofascial Trigger Points of the Upper Trapezius.

President’s Award SouthCrest Hospital: May 3, 2010. Tulsa, OK: Orthopedic Service Line. For Exemplifying Our Vision.

Pillar Award: For Standards of Excellence in the **SERVICE PILLAR:** Purpose, Worthwhile Work, and Making a Difference. March 27, 2009. A Quint Studer Fire-Starter for Hardwiring Excellence in the Service Pillar. SouthCrest Hospital.

Clinical Manager of the year for 2008 at SouthCrest Hospital; Tulsa, OK.

Certificate of Recognition of services to the profession of physical therapy and to the California Physical Therapy Association as Chairperson for the Inland Counties District (California), 2005 and 2007.

Certificate of Recognition of services to the profession of physical therapy and to the California Physical Therapy Association as Nominating Committee Chairperson for the Inland Counties District (California), 2006.

Professional Development:

Extensive and continual professional development through continuing education. **Selection of CEUs within the last five (5) years that specifically relate** to responsibilities in the entry-level program listed below (full list available upon request):

Fascial Manipulation and Anatomy (3 hours) (0.3 CEUs)	01/26/18
Physical Therapy Management of Concussion (28.1) (15.0 hours)	02/2018
Fascial Manipulation, Level II (48 hours) Larry Steinbeck	FM 2a: 04/27-29/18 FM 2b: 06/01-03/18
Hybrid Learning Certification, The Evidence In Motion Institute of Health Professions (Jan-May 2018).	05/19/18
American Council on Education (ACE) Leadership Academy for Department Chairs (LADC) (16 hours)	07/17-18/18
Fascial Manipulation, Level III (56 hours) Antonio Stecco/Lorenzo Freschi	07/18 & 08/12/18
FSBPT: Item Writing and Test Development Workshop for the National Physical Therapist Examination (NPTE) (20 hours)	08/17-19/18
APTA 2019 Combined Sections Meeting (CSM) (18 hours)	01/23-26/19
APTA 2020 Combined Sections Meeting (CSM) (18 hours)	02/13-15/20
RMSK, Core Curriculum, Upper & Lower Extremity Protocols, Lumbar Spine	

and Guided Injections (18 hours)	06/08/20
RMSK(S) Registry Review Course Upper & Lower Extremity Protocols, Lumbar Spine, Guided Injections, Pathology and Ultrasound Physics (20 hours)	06/08/20
NEXT: Movement Screening Tests for Athletes (2 hours)	07/02/20
Evidence In Motion: ISPI-TPS 6410 – Therapeutic Neuroscience Education (6-week online course) Instructor: Adriaan Louw	07-08/2020
Polestar Pilates: Gateway Online (3 hours)	07/25/20
ELC: 2020 (15 hours)	10/22/20
CPTA: Physical Therapy Pain Summit 2020 (15.5 hours)	11/07/20
APTA 2021 Combined Sections Meeting (CSM) (20 hours)	02/01-28/21
ACSM 2021 Annual Meeting & World Congress (40 hours)	06/01-30/21
Introduction to Mindfulness – Chapman University (6-week online course)	03/17/21
APTA 2021 Combined Sections Meeting (CSM) (18 Hours) (CPTA2022-23)	04/08/22
2022 Annual Meeting & World Congresses in a Live Virtual Format, San Diego, CA (30.75 hours)	05/31-06/22

Teaching

Current Teaching Responsibilities in an Entry-Level Physical Therapy Program (Chapman University):

Fall 2022 PT-758-06 Elective Course (Evidence-Based Clinical Orthopedics)	2.5 Credits
Fall 2022 PT-748 Wellness & Complementary Medicine (team taught)	2 Credits
Fall 2022 PT-638 Musculoskeletal Practice Management II: Upper Quarter (Course Director)	4 Credits
Fall 2022 PT-530 Physical Therapy Examination (Course Director)	4 Credits
Fall 2022 AHP-491-80 Student:Faculty Undergraduate Research Experience	1 Credit
Fall 2022 AHP-491-85 Student:Faculty Undergraduate Research Experience	1 Credit
Summer 2022 PT-535 Musculoskeletal Practice Management I: Lower Quarter (Course Director; team taught)	5 Credits
Summer 2022 PT-638 Musculoskeletal Practice Management II: Upper Quarter (Course Director)	4 Credits
Summer 2022 PT-752 Scientific Inquiry III	1 Credit
Summer 2022 AHP-491-81 Student:Faculty Undergraduate Research Experience	1 Credit
Spring 2022 PT-535 Musculoskeletal Practice Management I: Lower Quarter (Course Director; team taught)	5 Credits
Spring 2022 PT-530 Physical Therapy Examination (Course Director)	4 Credits
Spring 2022 PT-748 Wellness & Complementary Medicine (team taught)	2 Credits
Spring 2022 PT-753 Scientific Inquiry III	1 Credit
Spring 2022 AHP-491-82 Student:Faculty Undergraduate Research Experience	1 Credit
Fall 2021 PT-748 Wellness & Complementary Medicine (team taught)	2 Credits

- Fall 2021 PT-638 Musculoskeletal Practice Management II: Upper Quarter**
(Course Director) 4 Credits
- Fall 2021 PT-530 Physical Therapy Examination** (Course Director) 4 Credits
- Summer 2021 PT-752 Scientific Inquiry III** 1 Credit
- Summer 2021 PT-535 Musculoskeletal Practice Management I: Lower Quarter**
(Course Director team taught) 5 Credits
- Spring 2021 PT-535 Musculoskeletal Practice Management I: Lower Quarter**
(Course Director; team taught) 5 Credits
- Spring 2021 PT-748 Wellness & Complementary Medicine (team taught)** 2 Credits
- Spring 2021 PT7-90-02 Special Topics in Physical Therapy: Musculoskeletal Practice Management (MSPM I; Course Director)** 2 Credits
- Spring 2021 PT-790-03 Special Topics in Physical Therapy: Musculoskeletal Practice Management (MSPM II; Course Director)** 2 Credits
- Spring 2021 PT790-03 Special Topics in Physical Therapy: Musculoskeletal Practice Management (General Orthopaedics; Course Director)** 1.5 Credits
- Fall 2020 PT-752 Scientific Inquiry III** 1 Credit
- Summer 2020 PT-535 Musculoskeletal Practice Management I: Lower Quarter**
(Course Director team taught) 5 Credits
- Summer 2020 PT-748 Wellness & Complementary Medicine (team taught)** 2 Credits
- Spring 2020 PT-530 Physical Therapy Examination (team taught)** 4 Credits
- Spring 2020 PT-748 Wellness & Complementary Medicine (team taught)** 2 Credits

Previous Teaching Responsibilities in an Entry-level Physical Therapy Program (Radford University):

- Fall AHPT 814 Practice Management I 4 Credits**
Content: Clinical Reasoning/Clinical Decision-Making, Examination Flow, Goniometry, Manual Muscle Testing, Documentation. (6 years)
- Fall AHPT 886 Preventative Health and Wellness 3 Credits**
(7 years)
- Spring AHPT 826 Practice Management II 4 Credits**
Content: Continued Clinical Reasoning/Clinical Decision-Making, Examination Flow, Special Testing, Joint Arthrokinematic Assessment (extremities, PPIVM, & PAIVM). (6 years)
- Spring AHPT 860 Advanced Orthopedics 4 Credits**
Content: Clinical Reasoning/Clinical Decision-Making, Treatment Based Classification, McKenzie Method, Spinal Manipulation. (6 years)
- Spring AHPT 867 Principles of Teaching & Learning 2 Credits**
(2 years)

Other Previous Courses Taught in an Entry-level Physical Therapy Program (Baylor University):

Summer DPT6360 Advanced Therapeutic Interventions 3 Credits
(May 6 – June 26, 2019)
*Content: (Adjunct Role) Hybrid synchronous, asynchronous, & 40-hour immersive lab
Advanced Assessment and Interventions which included Spinal Mobilization/Manipulation,
Therapeutic Intervention/Exercise, Dry Needling, & Pain Science
(PNE/Education/Localization/Two-Point Discrimination/Localization/PPT)*

Other Professional Accomplishments

Non-Peer Reviewed Presentations:

1. **Harper BA**, Ryan S, Holshouser C. (2017). A Case Report: Undiagnosed Rotator Cuff Weakness in an Adolescent Baseball Pitcher. Presented as a podium presentation at the 4th Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/11/17) Originally accepted as a peer-reviewed platform presentation at the Virginia Athletic Training Association (VATA) Annual Meeting & Clinical Symposium in Richmond, VA on 01/07/17, but VATA was cancelled in 2017 due to inclement weather.
2. **Harper BA**. (2016). Tissue & Dosage Based Clinical Decisions: Integrating Dry Needling Into Your Clinical Paradigm. Invited Speaker for The 23rd Annual Competency Forum of the Ola Grimsby Institute at the Cleveland Clinic in Cleveland, OH. (08/13/16)
3. **Harper BA**. (2014). Exploring Fascia's Biotensegrity Role in Regional Interdependence, Motor Control and Central Sensitization: A Clinician's Perspective for Treatment and Research. Presented as a poster presentation at the 1st Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/17/14)
4. **Harper BA**, Kelley C, Holt T, Gorman S, Siyufy A, Swanson E. (2014). Reliability of an Injury Risk Movement Screen. Presented as a poster presentation at the 1st Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/17/14)
5. **Harper B**, Siyufy A, Dunn S, Giles, S. (2014). The Potential Role of Latent Myofascial Trigger Points in Central Sensitization. Presented as a poster presentation at the 1st Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/17/14)
6. **Harper B**, Lephew C, Casazza J, Moore M, Schmidt T. (2014). Linking Concussion, Whiplash Associated Disorder (WAD), and Soccer: A Theory Report. Presented as a poster presentation at the 1st Annual Waldron College Interprofessional Symposium & Expo in Radford, VA. (04/17/14)
7. **Brent Harper** & Dan Newman – Experience the Training Room – Lumbar Injuries, Practical Applications in Sports Medicine, Palm Springs, CA (5-30-08).
8. **Brent Harper** & Dan Newman – Training Room Lumbar Evaluation and Rehab, Practical Applications in Sports Medicine, Palm Springs, CA (5-30-08).
9. **Brent Harper** – Exercise Dosing = Optimal Rehabilitation, Practical Applications in Sports Medicine, Palm Springs, CA (6-1-07).

10. **Brent Harper** – Demystifying the Lumbar Spine: Improving Clinical Reasoning, Practical Applications in Sports Medicine, Palm Springs, CA (6-10-06).
11. **Brent Harper** – Strengthening the Trunk for Competition, at Practical Applications in Sports Medicine, Palm Springs, CA (6-6-03).

Non-Peer Reviewed Articles:

1. **Harper B.** Developing One’s Professional Metaphors by Exploring One’s Paradigms/Worldviews. *The Virginia*. Virginia Physical Therapy Association. Winter 2014-2015. p.1,4. <http://www.vpta.org/downloads/Downloads/Newsletters/VPTA-Virginian-WINTER-2014.pdf>
2. **Harper B.** Authentic Professional Service. *The Virginia*. Virginia Physical Therapy Association. Winter 2013. p.1,4. http://www.vpta.org/downloads/Downloads/Newsletters/VPTA_Virginian_Winter_2013.pdf

Other Scholarly Products:

Brent Harper – Capstone Project (Doctor of Science in Physical Therapy/Orthopedic Manual Physical Therapy, D.Sc. degree): Intramuscular Manual Therapy (Dry Needling) for Chronic Right Elbow Lateral Epicondylitis: A Case Report.

Brent Harper – Dissertation (Doctor of Orthopedic Manual Therapy, Ph.D. degree): Clinical reasoning for upper cervical spine manipulation: modified extensive literature review. In accordance with the OGI/State of Utah for the completion of Ph.D. in Orthopedic Manual Therapy.

Brent Harper – Dissertation (Doctor of Manual Therapy, DMT degree): Cervical spine manipulation for the treatment of cervicogenic headache: a modified extensive literature review. In accordance with the OGI/State of Utah for the completion of DPT proposal and DMT dissertation.

Crombie C, Foley S, **Harper B**, McGuire R, Palmieri J, Schwartz D, Smithwick A, Sooter M, Sulzle H – **Thesis** (Master of Physical Therapy): Accuracy of short-term goal setting by physical therapists for total hip replacement patients in an acute setting. In accordance with Loma Linda University for the completion of MPT.

Certifications:

- Dec 23, 2020 Therapeutic Pain Science Certification (**TPS**), Purdue University in conjunction with The Evidence In Motion (EIM) Institute of Health Professions
- July 10, 2020 COVID-19 Safety Manager Certification: HR Safety-Certified Manager
- Dec 31, 2018 Functional Movement Screen (**FMS**) – Re-Certified
- Dec 29, 2018 Re-Certified to administer the Y-Balance Screen™
- Dec 12, 2018 Certified in Mental Health First Aid USA (National Council for Behavior Health 12/13/18 to 12/13/21)
- May 19, 2018 Hybrid Learning Certification, The Evidence In Motion (EIM) Institute of Health Professions.
- Jan 6, 2018 Mobility/WOD Movement & Stability Specialist, through the Starrett System: Movement & Mobility 101.

- Nov 24, 2017 3D-MAPS, through Gray Institute: Movement Analytics & Performance System.
- Aug 5, 2017 Certification in Blood Flow Restriction Rehabilitation, Owens Recovery Science.
- Aug 1, 2017 Certified Speed & Agility Coach (CSAC), through national Sports Performance Association, Patrick Beith, Lee Taft.
- July 31, 2017 Certification in Applied Functional Science® (CAFS)
- May 4, 2017 Quality Matters (QM) Certificate of Completion: Designing Your Online Course (DYOC) (22 hours)
- Aug 6, 2016 Certification in Musculoskeletal Ultrasound Imaging (Cert. MSKUS)
- Feb 16, 2016 Certified Speed & Agility Coach (CSAC), through Athletes Acceleration Strength & Conditioning, Lee Taft.
- June 5, 2015 Immediate Post-Concussion Assessment and Cognitive Test (ImPACT): ImPACT Trained Physical Therapist (ITPT): Computerized Neurocognitive Assessment Tool – Certified.
- Feb 27, 2015 Selective Functional Movement Assessment (SFMA) – Certified.
- Feb 2013 Functional Movement Screen (FMS) – Certified.
- Jan 2013 Certified to administer the **Y-Balance Test**.
- Nov 2012 **Certified in Dry Needling (Cert.DN)**, through Dry Needling Institute of American Academy of Manipulative Therapy (54 hours training with competency demonstrated by passing written exams and practical demonstrations.).
- Nov 2012 **Diploma Training in Fascial Manipulation, Part 2**, through Myopain Seminars (Luigi Stecco Method) (44 hours training with competency demonstrate by passing written exam.)
- June 2012 **Diploma Training in Fascial Manipulation, Part 1**, through Myopain Seminars (Luigi Stecco Method) (45 hours training with competency demonstrated by passing written and practical exam.
- May 2012 **Re-Certified as Orthopaedic Clinical Specialist (OCS)**, Board Certified Clinical Specialist in Orthopaedic Physical Therapy from the American Board of Physical Therapy Specialties (ABPTS). (Re-Certified for 10-year period of time)
- April 2011 **Completed Training in Intramuscular Manual Therapy (IMT)/Dry Needling**, through Kinetacore (54 hours training with competency demonstrated by passing written and practical exams.).
- Oct. 2010 **CKTP Certified** (Certified Kinesio® Taping Provider), through the Kinesio® Taping Association International.
- Oct 2008 **ASTYM Certified.**
- July 2004 **Certified/Credentialed in Mechanical Diagnosis and Therapy (Cert. MDT)**, through the McKenzie Institute, USA.
- March 2004 **Credentialed Clinical Instructor**, American Physical Therapy Association.
- June 2003 **Orthopaedic Clinical Specialist (OCS)**, Board Certified Clinical Specialist in Orthopaedic Physical Therapy from the American Board of Physical Therapy Specialties (ABPTS).
- May 2003 Periodization: **Strength & Conditioning Expert (SCE)**, through Tudor Bumpa Training System.
- Feb 2003 **Certified Manual Therapist (Cert. MT)**, through the Ola Grimsby Institute.
- March 2000 **Certified Strength & Conditioning Specialist (CSCS)**, through NSCA.

American Heart Association (AHA)

ARC BLS for Health Care Provider (CPR and AED) (Certificate ID: 00MI1TV) Exp 7/2023

Taekwondo (Tae Kwon Do – Kukkiwon #5069622 – 1st Dan)

1st Dan (11/20/94), 2nd Dan (02/20/97), 3rd Dan (06/15/00), 4th Dan (07/06/03)

Kenpo – Chinese Kenpo – Degree Black Belt (DBB)

1st DBB (02/23/97), 2nd (03/31/00), 3rd (09/01/03)