Jeffrey B. Taylor PT, PhD, DPT, CSCS

Phone: (336) 841-9728 (work-office); (336) 870-7087 (work-cell); (336) 906-4559 (personal)
Email: jtaylor@highpoint.edu (work), jbtaylorpt@gmail.com (personal)

EDUCATION

University of North Carolina at Greensboro – Greensboro, NC **2012 – 2016**
Doctor of Philosophy: Major- Kinesiology, Applied Neuromechanics Concentration
Minor- Educational Research Methodology

Duke University – Durham, NC **2002 – 2005**
Doctor of Physical Therapy

University of Delaware – Newark, DE **1998 – 2002**
Bachelor of Arts: Major- Biological Sciences; Minor- Psychology

EMPLOYMENT - ACADEMIC POSITIONS

University of Virginia – Department of Kinesiology – Charlottesville, VA **2026 – present**
Professor, General Faculty *2026 – present*
Program Director, Doctor of Physical Therapy degree program *2026 – present*

High Point University – Department of Physical Therapy – High Point, NC **2020 – 2026**
Associate Professor with Tenure *2020 – 2026*
Chair, Department of Physical Therapy *2020 – 2026*
Program Director, Doctor of Physical Therapy degree program *2020 – 2026*
Clinician in HPU TEAM clinical enterprise *2020 – 2026*

University of Tennessee Health Science Center – Memphis, TN **2019 – 2020**
Chair, Department of Physical Therapy *2019 – 2020*
Program Director, Doctor of Physical Therapy degree program *2019 – 2020*
Associate Professor, Department of Physical Therapy *2019 – 2020*
Associate Faculty, Division of Rehabilitation Sciences *2019 – 2020*
Associate Faculty, College of Graduate Health Sciences – Biomedical Sciences *2019 – 2020*
Inaugural Director, UT Human Performance Research and Clinical Care Lab *2019 – 2020*

High Point University – Department of Physical Therapy – High Point, NC **2012 – 2019**
Associate Professor with Tenure *2018 – 2019*
Director of Curriculum and Outcomes *2015 – 2019*
Director of Clinical Education *2012 – 2015*
Assistant Professor *2012 – 2018*
Clinician in HPU TEAM clinical enterprise *2012 – 2019*

EMPLOYMENT - CLINICAL POSITIONS

Guthrie Clinic Physical Therapy - Sayre, PA **2010 – 2011**
Founding and Lead Physical Therapist

Robert Packer Hospital – Sayre, PA **2009 – 2010**
Staff Physical Therapist

United Medical Associates Physical Therapy – Endicott, NY **2005 – 2009**
Center Manager *2008 – 2009*
Clinical Director *2007 – 2009*
Center Coordinator of Clinical Education *2006 – 2009*
Staff Physical Therapist *2005 – 2007*

CERTIFICATIONS & LICENSURE

Licensed Physical Therapist (NPI- 1194700849) **2005 – present**
Virginia- #2305217554 *2026 – present*
North Carolina- # P13582 *2012 – 2019, 2020 – present*
Tennessee- #12590 *2019 – 2022*
Pennsylvania- # PT020116 *2009 – 2012*
New York- # 027357 *2005 – 2013*

Orthopaedic Clinical Specialist **2009 – 2018**
American Board of Physical Therapy Specialties - #18740

Sports Clinical Specialist **2012 – 2022**
American Board of Physical Therapy Specialties - #41038

Certified Strength and Conditioning Specialist **2005 – present**
National Strength and Conditioning Association - Certification #200525772
Certified through 2023

Credentialed Clinical Instructor **2008 – present**
American Physical Therapy Association

Certified First Responder **2011 – present**
American Red Cross

Mental Health First Aider **2021 – present**
National Council for Mental Wellbeing

SCHOLARSHIP

(indicates student author)*

ORCID: 0000-0002-6608-0192

REFEREED PUBLICATIONS *(# citations = 4030, h-index=30, i10-index=54, Google Scholar, 5/14/2026*
 # citations = 2081, h-index=23, i10-index=38, Scopus, 5/14/2026)

1. Ford KR, Nguyen AD, Schrier N, Westbrook AE, Mulrey CR, **Taylor JB.** Footwear-induced differences in biomechanics and perceived comfort during unanticipated side-step cutting: an exploratory study in female football players. *Applied Sciences, accepted (1/8/2026).*

2. Ford KR, **Taylor JB**, Westbrook AE, Paterno MV, Huang B, Nguyen AD. Outcomes of a randomized controlled trial of neuromuscular training with real-time biofeedback in young female athletes. *BMC Musculoskeletal Disorders.* 2025 Apr 15;26(1):366. doi: 10.1186/s12891-025-08647-3.

3. Pexa BS, Blue MM, Barczak-Scarboro NE, **Taylor JB**, Johnston CJ, Ford KR. Musculoskeletal soreness location and intensity in soccer athletes across multiple seasons. *Clinical Journal of Sports Medicine.* 2024 Nov 19. doi: 10.1097/JSM.0000000000001294. Online ahead of print.

4. Pexa BS, Johnston CJ, **Taylor JB,** Ford KR**.** Training load and current soreness predict future delayed onset muscle soreness in collegiate female soccer athletes. *International Journal of Sports Physical Therapy.* 2023 Dec 1;18(6):1271-1282. doi: 10.26603/001c.89890. eCollection 2023.

5. Ghafouri M, Ghasemi E, Rostami M, Rouhifard M, Rezaei N, Nasserinejad M, Teymourzadeh A, Ghanbari A, Borghei A, Nakhostin-Ansari A, Ahmadzadeh A, **Taylor JB**, Moghadam N, Kordi R. The Quality of Care Index (QCI) for low back pain: A systematic analysis of the Global Burden of Disease Study 1990–2017. *Archives of Public Health.* 2023 Sep 12;81(1):167. doi: 10.1186/s13690-023-01183-3.

6. Zarro M, Dickman M, Hulett T, Rowland RW, Larkins D, **Taylor JB**, Nelson C. Hop to it! The relationship between hop tests and anterior cruciate ligament – return to sport index after anterior cruciate ligament reconstruction in NCAA division 1 collegiate athletes. *International Journal of Sports Physical Therapy.* 2023 Oct 1;18(5):1076-1084. doi: 10.26603/001c.86130

7. **Taylor JB,** Gosselin DJ, Kline P, Mabry LM, Sinacore DR, Zukowski LA, Hamel RN. Pre-matriculation predictors of academic and professional success in Doctor of Physical Therapy students. *Journal of Allied Health.* 2023 Winter;52(4):282-288.

8. Peel SA, Walck C, **Taylor JB**, Nguyen AD, Westbrook AE, *Alfred E, *Mahon M, Ford KR. Knee joint function in healthy and ACL-reconstructed collegiate female lacrosse players: a pilot study. *Journal of Science in Sport and Exercise.* 2023. doi: 10.1007/s42978-023-00223-2.

9. Driban JB, Vincent HK, Trojian TH, Ambrose KR, Baez S, Beresic N, Berkoff DJ, Callahan LF, Cohen B, Franek M, Golightly YM, Harkey M, Kuenze C, Minnig MC, Mobasheri A, Naylor A, Newman CB, Padua DA, Pietrosimone B, Pinto D, Root H, Salzler M, Schmitt LC, Synder-Mackler L, **Taylor JB,** Thoma LM, Vincent K, Wellsandt EA, Williams M. Preventing Osteoarthritis After an Anterior Cruciate Ligament Injury: An Osteoarthritis Action Alliance Consensus Statement. *Journal of Athletic Training*. 2023 Mar 1;58(3):193-197. doi: 10.4085/1062-6050-0255.22.

10. Osteoarthritis Action Alliance, Secondary Prevention Task Group; Driban JB, Vincent HK, Trojian TH, Ambrose KR, Baez S, Beresic N, Berkoff DJ, Callahan LF, Cohen B, Franek M, Golightly YM, Harkey M, Kuenze C, Minnig MC, Mobasheri A, Naylor A, Newman CB, Padua DA, Pietrosimone B, Pinto D, Root H, Salzler M, Schmitt LC, Synder-Mackler L, **Taylor JB,** Thoma LM, Vincent K, Wellsandt EA, Williams M. Evidence Review for Preventing Osteoarthritis After an Anterior Cruciate Ligament Injury: An Osteoarthritis Action Alliance Consensus Statement. *Journal of Athletic Training*. 2023 Mar 1;58(3):198-219. doi: 10.4085/1062-6050-0504.22.

11. **Taylor JB,** Nguyen AD, Westbrook AE, *Trzeciak A, Ford KR. Women's collegiate volleyball players exhibit asymmetries during double-leg jump landing tasks. *Journal of Sport Rehabilitation.* 2022 Aug 8;1-6. doi: 10.1123/jsr.2022-0026.

12. Brindle RA, Bleakley CM, **Taylor JB**, Queen RM, Ford KR. Validity of estimating center of pressure during walking and running with plantar load from a three-sensor wireless insole. *Wearable Technologies.* 2022; 3(e8). doi: 10.1017/wtc.2022.5.

13. #Shultz SJ, Cruz MR, #Casey E, #Dompier T, #Ford KR, #Pietrosimone B, #Schmitz RJ, #**Taylor JB.** Sex-specific changes in physical risk factors by chronological age and stages of growth and maturation from 8 to 18 years of age. *Journal of Athletic Training.* 2022 Sep 1;57(9-10):830-876. doi: 10.4085/1062-6050-0038.22.

14. Badawy CR, Jan K, Beck EC, Fleet N, **Taylor J,** Ford K, Waterman BR. Contemporary principles for postoperative rehabilitation and return to sport for athletes undergoing anterior cruciate ligament reconstruction. *Arthroscopy, Sports Medicine, and Rehabilitation.* 2022 Jan 28;4(1): e103-e113. doi: 10.1016/j.asmr.2021.11.002.

15. **Taylor JB,** *Barnes H, Gombatto SP, Greenwood D, Ford KR. Quantifying external load and overuse injury in women's volleyball players across a competitive season. *Journal of Strength and Conditioning Research*. 2022 Mar 1;36(3):805-812. doi: 10.1519/JSC.0000000000004212.

16. Zarro M, Stitzlein M, Lee J, Rowland RW, Gray V, **Taylor JB**, Meredith SJ, Packer JD, Nelson C. Single-leg vertical hop test detects greater limb asymmetries than horizontal hop tests after anterior cruciate ligament reconstruction. *International Journal of Sports Physical Therapy.* 2021; 16(6): 1405–1414. doi: 10.26603/001c.29595.

17. **Taylor JB**, Wright ES, Waxman JP, Schmitz RJ, Groves JD, Shultz SJ. Ankle dorsiflexion impacts hip and knee biomechanics during landing. *Sports Health* 2022 May-Jun;14(3):328-335. doi: 10.1177/19417381211019683.

18. **Taylor JB,** Ford KR, Queen RM, *Owen E, Gisselman AS. Incorporating internal and external load measurements in clinical decision making after ACL reconstruction: a clinical commentary. *International Journal of Sports Physical Therapy.* 2021 Apr 2;16(2):565-578. doi: 10.26603/001c.21152.

19. **Taylor JB,** Westbrook AE, Head PL, *Glover KM, Paquette MR, Ford KR. The single-leg vertical hop provides unique asymmetry information in individuals after anterior cruciate ligament reconstruction. *Clinical Biomechanics (Bristol, Avon)*. 2020 Jul 16;80:105107. doi: 10.1016/j.clinbiomech.2020.105107. *(online ahead of print)*

20. *Gregory AB, Nguyen AD, **Taylor JB**, Ford KR. Effects of surface on triple hop distance and kinematics. *International Journal of Sports Physical Therapy*. 2020 Dec;15(6):920-927. doi: 10.26603/ijspt20200920.

21. Westbrook AE, **Taylor JB,** Nguyen AD, Paterno MV, Ford KR. Effects of maturation on knee biomechanics during cutting and landing in young female soccer players. *PLOS One.* 2020 May 26;15(5):e0233701. doi: 10.1371/journal.pone.0233701.

22. **Taylor JB**, *Owen E, Ford KR. Incorporating workload measures into rehabilitation after anterior cruciate ligament reconstruction: a case report. *International Journal of Sports Physical Therapy*. 2020 Oct;15(5):823-831. doi: 10.26603/ijspt20200823.

23. *Devine N, Hegedus EJ, Nguyen A, Ford KR. **Taylor JB.** External match load in women's collegiate lacrosse. *Journal of Strength and Conditioning Research.* 2020 Feb 4. doi: 10.1519/JSC.0000000000003451. [Epub ahead of print]

24. Brindle RA, **Taylor JB, ***Rajek C, *Weisbrod A, Ford KR. Association between temporal spatial parameters and overuse injury history in runners: a systematic review and meta-analysis. *Sports Medicine.* 2019 Oct 23. doi: 10.1007/s40279-019-01207-5. [Epub ahead of print]

25. Huang R, Ning J, Chuter V, **Taylor JB,** Christophe D, Meng Z, Xu Y, Jiang L. Exercise alone and exercise combined with education both prevent episodes of low back pain and related absenteeism: systematic review and network meta-analysis of randomised controlled trials (RCTs) aimed at preventing back pain. *British Journal of Sports Medicine.* 2019 Oct 31. pii: bjsports-2018-100035. doi: 10.1136/bjsports-2018-100035. [Epub ahead of print]

26. Peebles AT, Ford KR, **Taylor JB,** Hart JM, Sands LP, Queen RM. Using force sensing insoles to predict kinetic knee symmetry during a stop jump. *Journal of Biomechanics.* 2019 Aug 7:109293. doi: 10.1016/j.jbiomech.2019.07.037. [Epub ahead of print]

27. Mabry LM, Notestine JP, Moore JH, Bleakley CM, **Taylor JB**. Safety events and privilege utilization rates in advanced practice physical therapy compared to traditional primary care: an observational study. *Military Medicine*. 2020; 185(1-2):e290-297. doi: 10.1093/milmed/usz176.

28. **Taylor JB, ***Kantor JL, *Hockenjos TJ, *Barnes HC, Dischiavi SL. Jump load and landing patterns of collegiate female volleyball players during practice and competition. *Journal of*

Sports Medicine and Physical Fitness. 2019; 59(11):1892-1896. doi: 10.23736/S0022-4707.19.09650-6.

29. Bleakley CM, **Taylor JB**, Dischiavi SL, Doherty C, Delahunt E. Rehabilitation exercises reduce re-injury risk post ankle sprain, but there is no consensus on optimal exercise dose or content: a systematic review and meta-analysis. *Archives of Physical Medicine and Rehabilitation.* 2019; 100(7): 1367-1375. doi: 10.1016/j.apmr.2018.10.005.

30. **Taylor JB**, Nguyen AD, Shultz SJ, Ford KR. Hip biomechanics differ in responders and non-responders to an ACL injury prevention program. *Knee Surgery, Sports Traumatology, Arthroscopy.* 2018 Sep 27. doi: 10.1007/s00167-018-5158-1. [Epub ahead of print]

31. Gosselin DJ, Wright AA, Baxter GD, Sole G, **Taylor JB**, Girolami G. Maximizing participation during walking in children with disabilities: Is response to unpredictability important? *Pediatric Physical Therapy.* 2019; 31(1): 122-127. doi: 10.1097/PEP.0000000000000575

32. **Taylor JB**, Ford KR, Schmitz RJ, Ross SE, Ackerman TA, Shultz SJ. Sport-specific responses to neuromuscular training: A randomized controlled trial. *Journal of Sports Sciences.* 2018 Nov;36(21):2492-2501. doi: 10.1080/02640414.2018.1465723.

33. *Moran LR, Hegedus EJ, Bleakley C, **Taylor JB.** Jump count: The next great injury analytic? *British Journal of Sports Medicine.* 2019 Jan;53(1):8-9. doi: 10.1136/bjsports-2018-099103.

34. *Mulrey CR, Ford KR, Shultz SJ, Nguyen AD, **Taylor JB.** Methods of identifying limb dominance in adolescent female basketball players: Implications for clinical and biomechanical research. *Clinical Journal of Sport Medicine.* 2020 May;30(3):279-281. doi: 10.1097/JSM.0000000000000589.

35. **Taylor JB**, Ford KR, Schmitz RJ, Ross SE, Ackerman TA, Shultz SJ. A six-week warm-up injury prevention program results in minimal biomechanical changes during jump landings: A randomized controlled trial. *Knee Surgery, Sports Traumatology, Arthroscopy.* 2018 Oct;26(10):2942-2951. doi: 10.1007/s00167-018-4835-4.

36. Waxman JP, Ford KR, Nguyen AD, **Taylor JB**. Kinematic and kinetic differences in female athletes with varying levels of leg stiffness during single-leg hopping. *Journal of Applied Biomechanics.* 34(1):65-75, 2018. doi: 10.1123/jab.2017-0144.

37. *Pritchard NS, Smoliga JM, Nguyen AD, *Branscomb M, Sinacore DR, **Taylor JB,** Ford KR. Reliability of analysis of the bone mineral density of the second and fifth metatarsal using dual-energy x-ray absorptiometry (DXA). *Journal of Foot and Ankle Research.* 2017 Nov 28;10:52. doi: 10.1186/s13047-017-0234-1. eCollection 2017.

38. **Taylor JB,** Wright AA, Dischiavi SL, Wright AA, *Townsend MA, Marmon AR. Activity demands during multi-directional team sports: a systematic review. *Sports Medicine*. 47(12) 2533-2551, 2017. doi: 10.1007/s40279-017-0772-5.

39. Nguyen AD, **Taylor JB**, *Wimbish TG, *Keith JL, Ford KR. Preferred hip strategy during landing reduces knee abduction moment in collegiate soccer players. *Journal of Sport Rehabilitation.* 2017 Mar 24:1-18. doi: 10.1123/jsr.2016-0026. [Epub ahead of print]

40. *Hardesty K, Hegedus EJ, Ford KR, Nguyen AD, **Taylor JB.** Determination of clinically relevant differences in frontal plane hop tests between women's collegiate basketball and soccer players. *International Journal of Sports Physical Therapy.* 12(2):182-189, 2017.

41. **Taylor JB**, Nguyen AD, Paterno MV, Huang B, Ford KR. Real-time optimized biofeedback utilizing sport techniques (ROBUST): A study protocol for a randomized controlled trial. *BMC Musculoskeletal Disorders.* 18(1):71, 2017. doi: 10.1186/s12891-017-1436-1.

42. **Taylor JB**, Ford KR, Schmitz RJ, Ross SE, Ackerman TA, Shultz SJ. Biomechanical differences of multi-directional jump landings among female basketball and soccer players. *Journal of Strength and Conditioning Research.* 31(11):3034-3045, 2017. doi: 10.1519/JSC.0000000000001785.

43. **Taylor JB,** Nguyen AD, Griffin J, Ford KR. Effects of turf and cleat footwear on plantar load distributions. *Sports Biomechanics.* 2018 Jun;17(2):227-237. doi: 10.1080/14763141.2016.1271448.

44. Ford KR, Nguyen AD, Hegedus EJ, **Taylor JB**. Vertical Jump Biomechanics Altered with Virtual Overhead Goal. *Journal of Applied Biomechanics.* 33(2):153-159, 2017. doi: 10.1123/jab.2016-0179.

45. Wright AA, Dischiavi SL, Smoliga JM, **Taylor JB,** Hegedus EJ. Association of lower quarter y-balance test with lower extremity injury in NCAA Division 1 athletes: An independent validation study. *Physiotherapy.* 103(2):231-236, 2017. doi: 10.1016/j.physio.2016.06.002.

46. **Taylor JB,** Ford KR, Nguyen AD, Shultz SJ. Biomechanical comparison of single- and double-leg jump landings in the sagittal and frontal plane. *Orthopaedic Journal of Sports Medicine.* 4(6):2325967116655158, 2016. doi: 10.1177/2325967116655158.

47. Ford KR, **Taylor JB**, *Baellow AL, *Arpante AE, *Wright KE, Nguyen AD. Effects of plate stiffness on first metatarsophalyngeal joint motion during unanticipated cutting and resisted sled pushing in football players. *Footwear Science.* 8(2):75-82, 2016. doi*:* 10.1080/19424280.2016.1175518.

48. Wright AA, Stern B, Hegedus EJ, Tarara DT, **Taylor JB**, Dischiavi SL. Potential limitations of the Functional Movement Screen- A clinical commentary. *British Journal of Sports Medicine.* 50(13):770-1, 2016. doi: 10.1136/bjsports-2015-095796.

49. Wright AA, Hegedus EJ, **Taylor JB,** Dischiavi SL, Stubbs AJ. Non-operative management of femoracetabular impingement: A prospective, randomized controlled pilot study. *Journal of Science and Medicine in Sport.* 2016 Jan 6. doi: 10.1016/j.jsams.2015.11.008.

50. Tarara DT, *Fogaca LK, **Taylor JB**, Hegedus EJ. Clinician-friendly physical performance tests in athletes, Part III: A systematic review of measurement properties and correlations to injury for tests in the upper extremity. *British Journal of Sports Medicine.* 50(9):545-51, 2016. doi: 10.1136/bjsports-2015-095198.

51. Wright AA, **Taylor JB**, Ford KR, *Siska L, Smoliga JM. Risk factors associated with lower extremity stress fractures in runners: A systematic review with meta-analysis. *British Journal of Sports Medicine.* 49(23):1517-1523, 2015. doi: 10.1136/bjsports-2015-094828.

52. Ford KR, Nguyen AD, Dischiavi SL, Hegedus EJ, *Zuk EF, **Taylor JB**. An evidence-based review of hip focused exercise interventions to address dynamic lower extremity valgus. *Open Access Journal of Sports Medicine.* 6:291-303, 2015. doi: 10.2147/OAJSM.S72432.

53. **Taylor JB**, Ford KR, Nguyen AD, *Terry LN, Hegedus EJ. Prevention of lower extremity injuries in basketball: a systematic review and meta-analyses. *Sports Health.* 7(5):392-8, 2015. doi: 10.1177/1941738115593441.

54. **Taylor JB,** Wang HM, Schmitz RJ, Rhea CK, Ross SE, Shultz SJ. Multiplanar knee laxity and perceived function during activities of daily living and sport. *Journal of Athletic Training.* 50(11) 1199-1206, 2015. doi: 10.4085/1062-6050-50.11.10

55. **Taylor JB,** Wright AA, Smoliga JM, Depew JT, Hegedus EJ. Upper extremity physical performance tests in collegiate athletes. *Journal of Sport Rehabilitation.* 25(2) 146-154, 2015. doi: 10.1123/jsr.2014-0296

56. **Taylor JB**, Waxman JP, Richter SJ, Shultz SJ. Evaluation of the effectiveness of anterior cruciate ligament injury prevention training components: A systematic review and meta-analysis. *British Journal of Sports Medicine.* 49(1) 79-87, 2015. doi: 10.1136/bjsports-2013-092358.

57. Tarara, DT, Hegedus EJ, **Taylor JB**. Real-time test-retest and interrater reliability of select physical performance measures in physically active college-aged students. *International Journal of Sports Physical Therapy.* 9(7) 874-887, 2014.

58. **Taylor JB**, Waxman JP. Expanding on the side bridge. *Strength and Conditioning Journal.* 36(3) 91-96, 2014.

59. **Taylor JB**, Goode AP, George SZ, Cook CE. Incidence and risk factors for first-time incident low back pain: A systematic review and meta-analysis. *Spine Journal*. 14(10) 2299-2319, 2014. doi: 10.1016/j.spinee.2014.01.026.

60. Cook CE, **Taylor J**, Wright A, Milosavljevic S, Goode A, Reiman M, Whitford M. Risk Factors for First Time Incidence Sciatica: A Systematic Review. *Physiotherapy Research International*. 19(2) 65-78, 2014; doi: 10.1002/pri.1572

61. **Taylor JB**. Lower Extremity Perturbation Training. *Strength and Conditioning Journal*. 33(2) 76-83, 2011.

NON-REFEREED MANUSCRIPTS

1. Schmitz RJ, Ford KR, Pietrosimone B, Shultz SJ, **Taylor JB**. ACL Research Retreat IX Summary Statement: The Pediatric Athlete. *Journal of Athletic Training.* 2022 Sep 1;57(9-10):990-995. doi: 10.4085/1062-6050-0219.22.

CONFERENCE PRESENTATIONS

1. **Taylor JB**, Pexa BS, Hess GE, Brindle RA, Ford KR. Utilized Translational and Rotational Traction Differences Between Synthetic Turf Systems During Cutting in Cleated Footwear. Footwear Biomechanics Symposium. July 2025, Oslo, Norway. *(poster)*

2. Trzeciak A*, Pexa BS, Ford KR, Johnston CD, **Taylor JB**. Variability of jumping demands across the season in collegiate women's volleyball: implications for injury risk. Combined Sections Meeting. February 2023, San Diego, CA. *(poster)*

3. **Taylor JB**, Goss DL, Kline PW, Ford KR. Technology meets practice: laboratory research to clinical application. *APTA-NC Annual Meeting, October 2022, High Point NC. (educational session)*

4. *Ramsey ME, Pexa BS, Ford KR, Westbrook AE, *Hinkle JS, **Taylor JB**. Quantification of limb loading asymmetries in collegiate basketball players during basketball tasks. American College of Sports Medicine Annual Meeting. June 2022, San Diego, CA. *(poster)*

5. **Taylor JB,** Nguyen AD, Westbrook AE, Paterno MV, Ford KR. The effect of maturation on single limb landing biomechanics in young female soccer players. ACL Research Retreat. April 2022, High Point, NC. *(platform)*

6. **Taylor JB,** Gisselman AS, Gosselin DJ, Kline PW, Mabry LM, Sinacore DR, Zukowski LA, Hamel RN. Pre-matriculation predictors of academic and professional challenges in Doctor of Physical Therapy students. Educational Leadership Conference, October 2021, Atlanta, GA. *(platform)*

7. **Taylor JB,** Westbrook AE, Nguyen AD, Paterno MV, Ford KR. Hip-focused biofeedback is more effective than knee-focused biofeedback in improving high risk biomechanics during cutting. Combined Sections Meeting. February 2021, virtual conference. *(platform)*

8. Groves JD, Shultz SJ, **Taylor JB.** Reduced ankle dorsiflexion predicts high-risk lower extremity landing biomechanics. Combined Sections Meeting. February 2021, virtual conference. *(poster)*

9. **Taylor JB,** Ford KR. Incorporating wearable technology into ACL injury prevention, rehabilitation, and return to play. Combined Sections Meeting, Academy of Sports Physical Therapy Morning Rounds. February 2020, Denver, CO. *(educational session)*

10. **Taylor JB,** Shultz SJ, Ford KR. The effect of a warm-up based injury prevention program on ankle biomechanics. Combined Sections Meeting. February 2020, Denver, CO. *(poster)*

11. **Taylor JB,** Westbrook AE, *Owen E, *Steinbach D, Ford KR. The **s**ingle-leg countermovement may complement the traditional single-leg hop battery after ACLr. Combined Sections Meeting. February 2020, Denver, CO. *(poster)*

12. *Smith J, Ford KR, Westbrook AE, Kordonowy R, **Taylor JB.** Women's collegiate volleyball players exhibit kinetic asymmetries during sport-specific tasks. American College of Sports Medicine Annual Meeting. May 2019, Orlando, FL. *(poster)*

13. **Taylor JB,** *Owen E, Nguyen AD, Ford KR. Integrating external load measurements into ACL Rehabilitation: a case study. ACL Research Retreat, Greensboro, NC. March 2019. *(platform)*

14. **Taylor JB**, *Barnes HC, *Moran LR, Bleakley CM, Dischiavi SL, Hegedus EJ, Smoliga JM. Jump load and injury status in collegiate women's volleyball: A longitudinal study. Combined Sections Meeting, Washington, DC. January 2019. *(platform)*

15. **Taylor JB.** Focused interventions for special populations, in "The Past, Present and Future of ACL Injury Prevention: Biomechanics Screening and Neuromuscular Interventions that Work!" Highlighted Symposium at the American College of Sports Medicine Annual Conference, Minneapolis, MN. May 2018. *(educational session)*

16. **Taylor JB**, Ford KR, Nguyen AD, Shultz SJ. Biomechanical characteristics of responders and non-responders to an ACL injury prevention program. Combined Sections Meeting. February, 2017. San Antonio, TX. *(platform)*

17. **Taylor JB,** Nguyen AD, *Baellow AL, *Arpante AK, *Wright KE, Ford KR. Effects of turf and cleat footwear on plantar load distribution. Footwear Biomechanics Symposium. July, 2015. Liverpool, UK. *(platform)*

18. **Taylor JB**, Ford KR, Shultz SJ. Performance consistency of multi-directional bilateral and unilateral jump landings. APTA Combined Sections Meeting. February 2015, Indianapolis, IN. *(poster)*

19. **Taylor JB**, Ford KR, Shultz SJ. Knee biomechanics of bilateral and unilateral multi-directional landings: Implications for ACL Injury. APTA Combined Sections Meeting. February 2015, Indianapolis, IN. *(poster)*

20. Ford KR, **Taylor JB**, Nguyen AD, Hegedus EJ. Use of a virtual reality overhead goal improves vertical jump performance and biomechanics. World Congress of Biomechanics. July 2014. Boston, MA. *(poster)*

21. **Taylor JB**, Waxman JP, Richter SJ, Shultz SJ. Relative effectiveness of anterior cruciate ligament injury prevention program training components: A systematic review and meta-analysis. APTA Combined Sections Meeting. February 2014. Las Vegas, NV. *(poster)*

REFEREED AND INVITED CONFERENCE ABSTRACTS

1. Ford A, Pexa BS, *Rauch N, Hess G, **Taylor JB**, Helseth J, Ford KR. Quantifying slip events using foot center-of-mass (COM) kinematics during cutting maneuvers in collegiate soccer players. World Congress of Biomechanics. July 2026, Vancouver, BC, Canada.

2. Hess GE, Pexa BS, **Taylor JB**, Helseth J, Ford KR. The interaction effect of sex and cleat design on the 180-degree cut. World Congress of Biomechanics. July 2026, Vancouver, BC, Canada.

3. Pexa BS, **Taylor JB**, Hess GE, Helseth J, *Rauch N, *Lee I, Ford KR. Subjective and objective assessment of cleated footwear preference. World Congress of Biomechanics. July 2026, Vancouver, BC, Canada.

4. *Rauch N, Pexa BS, Hess G, **Taylor JB**, Helseth J, Ford KR. Effects of slip events on lower extremity biomechanics during cutting maneuvers in collegiate soccer players. World Congress of Biomechanics. July 2026, Vancouver, BC, Canada.

5. Ford KR, Hess G, **Taylor J**, *Kilzi J, *Hopkins Q, *Glass A, Pexa B. Traction and perception differences during cutting between female collegiate soccer and lacrosse players. World Congress of Biomechanics. July 2026, Vancouver, BC, Canada.

6. Pexa BS, Blue MN, Barczak-Scarboro N, **Taylor JB**, Ford KR. Moderating effects of sleep on the relationship between recover, stress, and overuse injury symptomology. ACSM Annual Conference. May 2026, Salt Lake City, UT.

7. *Rouch N, Ford KR, Blue MM, Barczak-Scarboro NE, **Taylor JB**, Pexa BS. Subjective sleep, stress, recovery, and overuse symptoms between male and female collegiate athletes. ACSM Annual Conference. May 2026, Salt Lake City, UT.

8. *Pratt AS, *McCarver MM, Hess GE, Ford KR, **Taylor JB**, Pexa B. {Pratt, 2026 #1825}. ACL Research Retreat. April 2026, Chapel Hill, NC.

9. *Rauch N, *Kilzi J, Hess GE, Ford KR, **Taylor JB**, Pexa BS. Impact of self-reported knee pain on peak knee joint moments in cutting maneuvers and drop vertical jumps in female collegiate athletes. ACL Research Retreat. April 2026, Chapel Hill, NC.

10. *Shaw B, *Toth W, Ford K, Hess G, **Taylor JB**, Pexa B. Comparison of double leg countermovement jump outcomes between college athletes with and without ACLR. ACL Research Retreat. April 2026, Chapel Hill, NC.

11. *Toth WR, *Shaw PB, Ford KR, Hess GE, **Taylor JB**, Pexa BS. Single leg countermovement jump differences between ACLR and uninjured limbs in collegiate athletes. ACL Research Retreat. April 2026, Chapel Hill, NC.

12. Brindle R, Hess G, Pexa B, **Taylor J,** Ford K. Assessment of mechanical and utilized traction on synthetic turf surfaces: interpretations, agreement, and limitations. Synthetic Turf Council Annual Conference. October 2025, Palm Beach Gardens, FL.

13. Hess GE, Pexa BS, **Taylor JB**, *Masalleras DT, Ford KR. Inter-session repeatability of markerless motion capture between comfortable and fast gait speeds. The XXX Congress of the International Society of Biomechanics. July 2025, Stockholm, Sweden.

14. Ford KR, Hess GE, **Taylor JB**, *Masalleras DT, Pexa PS. Effects of clothing color on gait kinematics with markerless motion capture. The XXX Congress of the International Society of Biomechanics. July 2025, Stockholm, Sweden.

15. Hess GE, Pexa BS, **Taylor JB**, Ford KR. Single leg landing biomechanics in cleated footwear on two synthetic turf systems. Footwear Biomechanics Symposium. July 2025, Oslo, Norway.

16. **Taylor JB**, Pexa BS, Hess GE, Brindle RA, Ford KR. Utilized Translational and Rotational Traction Differences Between Synthetic Turf Systems During Cutting in Cleated Footwear. Footwear Biomechanics Symposium. July 2025, Oslo, Norway.

17. Ford KR, Hess GE, **Taylor JB**, Brindle RA, Pexa BS. 180-Degree cutting biomechanics differs between two commercially available synthetic turf surfaces. Footwear Biomechanics Symposium. July 2025, Oslo, Norway.

18. Pexa BS, Blue M, Barczak-Scarboro N, Johnston CJ, **Taylor JB**, Ford KR. Trajectories of self-reported stress and sleep quality in collegiate athletes across a fall university semester. National Athletic Trainers Association Convention & AT Expo. June 2025, Orlando, FL.

19. *Freed R, Hess G, *Payne S, *James D, Mabry L, Sinacore D, **Taylor J**, Goss D, Ford K. Walking gait, swing mechanics, and knee health in golfers with and without surgical history. American College of Sports Medicine Annual meeting. June 2025, Atlanta, GA.

20. *Tilford K, Ford KR, *Flowers L, *Ponce A, Pexa BS, Nguyen AD, **Taylor JB**. Comparison of unanticipated backpedal and cutting tasks: implications for rehabilitation progressions. American College of Sports Medicine Annual meeting. June 2025, Atlanta, GA.

21. *Massa N, *Oatman K, Pexa BS, Ford KR, **Taylor JB**. Patterns of self-reported soreness in collegiate soccer: sex differences, limb dominance, and ACL injury history. APTA-NC Annual Meeting, October 2024, High Point, NC. Combined Sections Meeting. February 2025, Houston, TX.

22. *McDaniel L, *Holscher F, Pexa BS, Ford KR, *Cook AL, **Taylor JB**. Identifying the relationship between external load, knee joint biomechanics, and self-reported soreness in women's volleyball. APTA-NC Annual Meeting, October 2024, High Point, NC. Combined Sections Meeting. February 2025, Houston, TX.

23. *Flowers L, Ford KR, *Ponce A, *Tilford K, Pexa BS, Nguyen AD, **Taylor JB**. Comparison of hip strength and agility biomechanics of multi-sport and single-sport female athletes. Combined Sections Meeting. February 2025, Houston, TX.

24. *Ponce A, Ford KR, *Flowers L, *Tilford K, Pexa BS, Nguyen AD, **Taylor JB**. Neuromuscular training improves movement pattern consistency during an unanticipated backpedal task. Combined Sections Meeting. February 2025, Houston, TX.

25. *Langone C, James D, Freed R, Heafey A, Hess G, Reilly N, Mabry L, Sinacore D, **Taylor J**, Ford K, Goss D. Walking gait, swing mechanics, and knee health in golfers with and without surgical history. APTA-NC Annual Meeting, October 2024, High Point, NC.

26. *Cook AL, Pexa BS, Ford KR, **Taylor JB**. Self-report internal load measures of readiness, fatigue, sleep, and stress in women's collegiate volleyball. APTA-North Carolina Annual Meeting. October 2023, Elon, NC. American College of Sports Medicine Annual Meeting. May 2024, Boston, MA.

27. Hess G, Pexa B, **Taylor JB,** Ford KR. An assessment of the relationship between controlled targeted tests and flying 30-meter sprints performances. American College of Sports Medicine Annual Meeting. May 2024, Boston, MA.

28. *Langone C, *Heafey A, Hess G, Reilly N, Mabry L, Sinacore D, **Taylor JB**, Goss D, Ford K. Walking gait, swing mechanics, and knee health in golfers with and without surgical history. American College of Sports Medicine Annual Meeting. May 2024, Boston, MA.

29. Pexa BS, **Taylor JB**, Ford KR. Countermovement jump force plate kinetics in collegiate athletes with overuse injury symptoms. American College of Sports Medicine Annual Meeting. May 2024, Boston, MA.

30. *Hills H, *James D, *Litwiller S, **Taylor JB,** Ford KR, Pexa BS. Exploring the test-retest reliability of markerless motion capture for outdoor walking. SEACSM Annual Meeting. February 2024, Greenville, SC and American College of Sports Medicine Annual Meeting. May 2024, Boston, MA.

31. *Ramsey M, Pexa BS, **Taylor JB**, Ford KR. Reliability of 3D pose estimates with different clothing conditions during markerless motion capture of gait. APTA Combined Sections Meeting. February 2024, Boston, MA.

32. *Mullen K, Pexa BS, **Taylor JB**, Ford KR. The effects of different movement tasks on segment lengths calculated from markerless motion capture 3D pose estimates. APTA Combined Sections Meeting. February 2024, Boston, MA.

33. Pexa BS, Johnston CJ, **Taylor JB**, Ford KR, Blue MM, Barzak-Scarborough NE. Change in subjective and objective athlete monitoring data over 2 competitive seasons. NATA Annual Conference. June 2023. Indianapolis, IN.

34. Valencia MP, *Ross K, Pexa B, Johnston C, **Taylor JB**, Ford KR. Comparison of different clothing conditions with markerless motion capture during a dynamic landing task. American College of Sports Medicine Annual Conference. May 2023. Denver, CO.

35. *Schossler E, **Taylor JB,** Ford KR, Johnston CJ, Pexa BS. Hip strength changes over the course of 1 year between male and female collegiate soccer athletes. American College of Sports Medicine Annual Conference. May 2023. Denver, CO.

36. *Hills H, Johnston CJ, **Taylor JB**, Ford KR, Valencia M, Pexa BS. Hip strength changes in collegiate soccer athletes across a competitive season. American College of Sports Medicine Annual Conference. May 2023. Denver, CO.

37. Pexa BS, Johnston CJ, **Taylor JB,** Ford KR. Differences in perceived soreness between male and female collegiate soccer athletes. American College of Sports Medicine Annual Conference. May 2023. Denver, CO.

38. *Ross K, Valencia MP, Pexa BS, Johnston CJ, **Taylor JB**, Ford KR. Reliability of markerless motion capture on the kinematics of a drop vertical jump. American College of Sports Medicine Annual Conference. May 2023. Denver, CO.

39. *Staggs AN, Butt L, Valencia MP, Kline PW, Goss DL, **Taylor JB**, Ford KR. Overground running reliability with markerless 3D motion capture. American College of Sports Medicine Annual Conference. May 2023. Denver, CO.

40. Trzeciak A*, Pexa BS, Ford KR, Johnston CD, **Taylor JB**. Variability of jumping demands across the season in collegiate women's volleyball: implications for injury risk. Combined Sections Meeting. February 2023, San Diego, CA.

41. Smith T*, Feffer A*, Ford KR, **Taylor JB**. Characteristics of opioid prescription and usage after ACL reconstruction: a systematic review. Combined Sections Meeting. February 2023, San Diego, CA.

42. Dye T*, Durrett A*, Ford KR, Pexa BS, Johnston CD, **Taylor JB**. External load benchmarks for rehabilitation and return-to-play in basketball: a systematic review. APTA-NC Annual Meeting. October 2022, High Point, NC.

43. *Hawbaker BE, Pexa BS, Westbrook AE, Johnston CD, **Taylor JB**, Geruso J, Ford KR. Asymmetry in single leg vertical countermovement hop kinematics in collegiate female soccer players. American College of Sports Medicine Annual Meeting. June 2022, San Diego, CA.

44. *Mullen K, **Taylor JB**, Westbrook AE, Pexa BS, Ford KR. Comparison of marker-based and markerless motion capture during single and double leg jumping. American College of Sports Medicine Annual Meeting. June 2022, San Diego, CA.

45. *Shaw IB, Blue MN, Pexa BS, Westbrook AE, Ford KR, **Taylor JB**, Johnston CD. Impact of limb and total body composition on drop vertical jump landing kinematics. American College of Sports Medicine Annual Meeting. June 2022, San Diego, CA.

46. *Wheeler KM, Westbrook AE, Pexa BS, Johnston CD, **Taylor JB**, Geruso J, Ford KR. Kinematic differences between landing phase during double and single leg jumping tasks. American College of Sports Medicine Annual Meeting. June 2022, San Diego, CA.

47. *Ramsey ME, Pexa BS, Ford KR, Westbrook AE, *Hinkle JS, **Taylor JB**. Quantification of limb loading asymmetries in collegiate basketball players during basketball tasks. American College of Sports Medicine Annual Meeting. June 2022, San Diego, CA.

48. *Hinkle JS, Pexa BS, Ford KR, Westbrook AE, *Ramsey ME, **Taylor JB**. Sex-specific differences in biomechanical strategies during a single-leg countermovement jump. American College of Sports Medicine Annual Meeting. June 2022, San Diego, CA.

49. *Lindblad I, Ford KR, Johnston C, **Taylor JB**, Westbrook AE, Pexa BS. Wearable data differs based on coaches intended workload categorization. National Athletic Trainers Association Annual Convention. June 2022, Philadelphia, PA.

50. Pexa BS, Johnston CD, **Taylor JB**, Westbrook AE, DePew JT, Ford KR. Training loads predict day-to-day changes in self-reported athlete health variables following collegiate soccer matches. National Athletic Trainers Association Annual Convention. June 2022, Philadelphia, PA.

51. Shultz SJ, Cruz MR, Casey E, Dompier T, Ford KR, Pietrosimone B, Schmitz RJ, **Taylor JB.** Sex-specific changes in physical risk factors by chronological age and stages of growth and maturation from 8 to 18 years of age. ACL Research Retreat. April 2022, High Point, NC.

52. Nguyen AD, Westbrook AE, **Taylor JB,** Paterno MV, Ford KR. Increases and retention of isokinetic hip extension strength following a six week intervention. ACL Research Retreat. April 2022, High Point, NC.

53. Ford KR, Nguyen A, Westbrook AE, Paterno MV, **Taylor JB**. Outcomes of a randomized controlled trial of neuromuscular training with real-time biofeedback in young female athletes. ACL Research Retreat. April 2022, High Point, NC.

54. **Taylor JB,** Nguyen AD, Westbrook AE, Paterno MV, Ford KR. The effect of maturation on single limb landing biomechanics in young female soccer players. ACL Research Retreat. April 2022, High Point, NC.

55. *Thiers NM, Ford KR, Westbrook AE, Nguyen AD, Paterno MV, **Taylor JB**. Maturation affects hip biomechanics when transitioning from forward to backward running: implications for ACL injury. Submitted to: Combined Sections Meeting, February 2022, San Antonio, TX.

56. *Marshall L, Westbrook AE, Nguyen AD, **Taylor JB**, Paterno MV, Ford KR. Unanticipated cut and backpedal kinematics in female soccer players at high risk of ACL injury. Combined Sections Meeting, February 2022, San Antonio, TX.

57. *Dolfuss H, **Taylor JB**. Incorporating soccer-specific demands into anterior-cruciate ligament reconstruction rehabilitation. APTA-NC Annual Meeting, October 2021, Winston-Salem, NC.

58. *Valasek KO, Ford KR, Westbrook AE, Nguyen AD, Paterno MV, **Taylor JB**. The relationship between lower extremity kinematics during a drop vertical jump and unanticipated backpedal. Combined Sections Meeting, February 2022, San Antonio, TX and APTA-NC Annual Conference, October, 2021, Winston-Salem, NC.

59. *Ballew K, *Dolfuss H, **Taylor JB**. Sport-specific plyometric progression with wearable technology after anterior cruciate ligament reconstruction: a case report. APTA-NC, October 2021, Winston-Salem, NC. Combined Sections Meeting, February 2022, San Antonio, TX and APTA-NC Annual Conference, October, 2021, Winston-Salem, NC.

60. *Coffin W, Pexa B, Ford KR, Westbrook AE, Johnston C, **Taylor JB**. Single-limb landing elicits significant force asymmetries: implications for injury prevention and rehabilitation. Combined Sections Meeting, February 2022, San Antonio, TX and APTA-NC Annual Conference, October, 2021, Winston-Salem, NC.

61. **Taylor JB,** Gisselman AS, Gosselin DJ, Kline PW, Mabry LM, Sinacore DR, Zukowski LA, Hamel RN. Pre-matriculation predictors of academic and professional challenges in Doctor of Physical Therapy students. Educational Leadership Conference, October 2021, Atlanta, GA.

62. Werner D, **Taylor JB,** Gosselin. The role of authenticity in simulation for physical therapy education. Educational Leadership Conference, October 2021, Atlanta, GA.

63. Schroeder LE, Ford KR, Westbrook AE, **Taylor JB**, Nguyen AD, Weinhandl JT. Effects of maturation on estimated ACL loading in adolescent female soccer players. XXVIII Congress of the International Society of Biomechanics, July 2021, Stockholm, Sweden.

64. *Haltiwanger H, Westbrook AE, Nguyen AD, **Taylor JB**, Ford KR. Perceived susceptibility to sports-injury and biomechanics in female youth soccer players. Combined Sections Meeting. February 2021, Orlando, FL.

65. *Stevens M, Westbrook AE, Nguyen AD, **Taylor JB,** Paterno MV, Ford KR. Differences in knee biomechanics during unanticipated single leg cutting in ACL risk stratified groups. Combined Sections Meeting. February 2021, Orlando, FL.

66. *Groves JD, Shultz SJ, **Taylor JB.** Reduced ankle dorsiflexion predicts high-risk lower extremity landing biomechanics. Combined Sections Meeting. February 2021, Orlando, FL.

67. *Hockenjos T, Westbrook AE, Nguyen AD, **Taylor JB,** Paterno MV, Ford KR. High risk female soccer players maintain improved knee abduction load six-months after neuromuscular training program. Combined Sections Meeting. February 2021, Orlando, FL.

68. *Nguyen D, Westbrook AE, Nguyen AD, **Taylor JB**, Paterno MV, Ford KR. Asymmetry between preferred and non-preferred knee biomechanics in high-risk female soccer players during single-leg landing. Combined Sections Meeting. February 2021, Orlando, FL.

69. **Taylor JB,** Westbrook AE, Nguyen AD, Paterno MV, Ford KR. Hip-focused biofeedback is more effective than knee-focused biofeedback in improving high risk biomechanics during cutting. Combined Sections Meeting. February 2021, Orlando, FL.

70. Westbrook AE, *Hawbaker B, Nguyen AD, **Taylor JB,** Paterno MV, Ford KR. Knee biomechanics and injury surveillance following neuromuscular training with real-time biofeedback in young female athletes. Combined Sections Meeting. February 2021, Orlando, FL.

71. Hughes ES, **Taylor JB**, Kiphut F. Do observation hours prior to PT education impact scores reported on the Clinical Performance Instrument? Educational Leadership Conference. October 2020, Milwaukee, WI.

72. Ford KR, *McClung JP, Meardon SA, Willson JD, Westbrook AE, **Taylor JB,** Sinacore DR, Nguyen AD. Peak metatarsal tensile stress and bone mineral density in American football players. International Foot & Ankle Biomechanics Meeting. April 2020, Sao Paulo, Brazil. *(not presented because of COVID-19)*

73. **Taylor JB,** Shultz SJ, Ford KR. The effect of a warm-up based injury prevention program on ankle biomechanics. Combined Sections Meeting. February 2020, Denver, CO.

74. **Taylor JB,** Westbrook AE, *Owen E, *Steinbach D, Ford KR. The **s**ingle-leg countermovement may complement the traditional single-leg hop battery after ACLr. Combined Sections Meeting. February 2020, Denver, CO.

75. *Steinbach D. Ford KR, Westbrook AE, *Owen E, **Taylor JB.** Closed-chain joint repositioning and drop vertical jump performance in ACL reconstructed patients. Combined Sections Meeting. February 2020, Denver, CO.

76. *Ringelberg J, Emerson A, Hegedus EJ, Howard RL, **Taylor JB.** Effectiveness of trigger point physical therapy on clinical outcomes in patients with myofascial pain syndrome. Submitted to: Combined Sections Meeting. February 2020, Denver, CO.

77. *Mahon M, *Alfred E, **Taylor JB**, Nguyen AD, Westbrook AE, Ford KR. Effects of Task and Previous Aclr on LSI in Female Collegiate Lacrosse Players. Submitted to: Combined Sections Meeting. February 2020, Denver, CO.

78. *Moran L, Ford KR, **Taylor JB.** Injury prevention strategies for collegiate soccer athletes: what load monitoring metrics should clinicians focus on? Submitted to: Combined Sections Meeting. February 2020, Denver, CO.

79. *Collier DA, Westbrook AE, *Mullen K, **Taylor JB,** Nguyen AD, Ford KR. Biomechanical Risk Factors of Ankle Sprain Based on Positional Demands of Collegiate Lacrosse Players. Submitted to: Combined Sections Meeting. February 2020, Denver, CO.

80. *Hatcher A, Ford KR, Bleakley C, Westbrook AE, **Taylor JB.** Effects of sport and injury history on ankle biomechanics during a single-leg lateral hop. Submitted to: Combined Sections Meeting. February 2020, Denver, CO.

81. Ford KR, Westbrook AE, Nguyen AD, Paterno MV, **Taylor JB.** Effects of Task and Maturation on Knee Abduction in Female Athletes. Submitted to: Combined Sections Meeting. February 2020, Denver, CO.

82. *Alfred E, *Mahon M, **Taylor JB,** Nguyen AD, Westbrook AE, Ford KR. Altered biomechanics during cutting in Division I female lacrosse players following anterior cruciate ligament reconstruction. Submitted to: Combined Sections Meeting. February 2020, Denver, CO.

83. *McClung JP, Nguyen AD, Westbrook A, **Taylor JB**, Bleakley CM, Ford KR. Effects of ankle sprain history on ankle inversion biomechanics in high school football players. XXVII Congress of the International Society of Biomechanics. July 2019, Calgary, Canada.

84. Ford KR, Westbrook AE, **Taylor JB,** Bleakley CM, Nguyen AD. Cleat stiffness influences ankle inversion in football players with history of ankle sprains. Footwear Biomechanics Symposium, July 2019, Calgary, Canada.

85. *Myers AF, *Sullivan BS, Trigsted SM, Yakel KM, **Taylor JB**, Hegedus EJ, Nguyen A. External loads in collegiate women's lacrosse players differ throughout a season and between event types: implications for increased injury risk**.** National Athletic Training Association Annual Meeting. June 2019, Las Vegas, NV.

86. *Sullivan BS, *Myers AF, Trigsted SM, Harrel SF, **Taylor JB**, Hegedus EJ, Nguyen A. Quantifying external load among collegiate men's lacrosse players: implications for position specific injury risk. National Athletic Training Association Annual Meeting. June 2019, Las Vegas, NV.

87. *Smith J, Ford KR, Westbrook AE, *Kordonowy R, **Taylor JB.** Women's collegiate volleyball players exhibit kinetic asymmetries during sport-specific tasks. American College of Sports Medicine Annual Meeting. May 2019, Orlando, FL.

88. **Taylor JB, *** Owen E, Nguyen AD, Ford KR. Integrating external load measurements into ACL Rehabilitation: a case study. ACL Research Retreat, Greensboro, NC. March 2019.

89. *Williams MA, **Taylor JB,** Nguyen AD, Westbrook AE, Ford KR. Knee injury risk during football related movement patterns. APTA Combined Sections Meeting, January 2019, Washington, DC.

90. *Williams MA, Westbrook AE, Nguyen AD, *Hockenjos TJ, Sinacore DR, Smoliga JM, **Taylor JB,** Ford KR. Influence of sport-related loading on metatarsal bone mineral density in high school football players. APTA Combined Sections Meeting, January 2019, Washington, DC.

91. *Devine N, Hegedus EJ, Nguyen AD, Trigsted SM, **Taylor JB**. Quantifying external load in women's collegiate lacrosse players: Normative data for rehabilitation management and return-to-play decisions. APTA Combined Sections Meeting, January 2019, Washington, DC.

92. Mabry LM, Notestine JP, **Taylor JB**, Moore JH. Safety of expanded physical therapy: a single-center retrospective analysis. APTA Combined Sections Meeting, January 2019, Washington, DC.

93. *Moran L, Dischiavi SL, Bleakley CM, Hegedus EJ, **Taylor JB.** Monitoring the acute to chronic workload ratio in volleyball athletes: Exponentially weighted moving averages vs. rolling averages. APTA Combined Sections Meeting, January 2019, Washington, DC.

94. Gosselin DJ, *Patton M, *Klein E, Sobolewski B, *Tower E, *Nielsen M, **Taylor JB**. Reliability of measuring step length and width using clinically available motion analysis. APTA Combined Sections Meeting, January 2019, Washington, DC.

95. **Taylor JB**, Barnes HC, Moran LR, Bleakley CM, Dischiavi SL, Hegedus EJ, Smoliga JM. Jump load and injury status in collegiate women's volleyball: A longitudinal study. Combined Sections Meeting, Washington, DC. January 2019.

96. Arena SL, Ford KR, **Taylor JB**. Preliminary investigation on the effects of XBox 360 Kinect training on gait and likelihood of initiating a loss of balance. American Society of Biomechanics Annual Conference, August 2018, Rochester, MN.

97. Westbrook AE, Nguyen AD, *Aube MA, **Taylor JB**, Ford KR. Effects of football player position on metatarsophalangeal joint moment and motion during a resisted sled pushing task. World Congress of Biomechanics, July 2018, Dublin, Ireland.

98. Ford KR, Westbrook AE, Nguyen AD, Pritchard NS, Rutherford D, Kernozek TW, **Taylor JB.** Increased hamstrings and gluteal muscle forces during a drop vertical jump in male compare to female division I basketball players. World Congress of Biomechanics, July 2018, Dublin, Ireland.

99. *Begin MM, Trigsted SM, Frank B, Huxford R, Bailey J, Zuk EF, Boling MC, Ford KR, **Taylor JB**, Nguyen AD. Differences in athletic performance between youth athletes and previous lower extremity injury across maturation. National Athletic Trainers Association Annual Meeting. June, 2018. New Orleans, LA.

100. *Saul NR, Nguyen AD, Frank BS, Zuk EF, Boling MC, DiStefano LJ, Bailey J, Ford KR, **Taylor JB**, Trigsted SM. Influence of maturation and injury history on the landing error scoring system. National Athletic Trainers Association Annual Meeting. June, 2018. New Orleans, LA.

101. *Crisafulli GA, Trigsted SM, *Whicker CR, Zuk EF, Boling MC, Ford KR, **Taylor JB**, DiStefano LJ, Nguyen AD. Influence of trunk and pelvis motion, and hip strength on lower extremity kinematics during a single leg landing in youth athletes. National Athletic Trainers Association Annual Meeting. June, 2018. New Orleans, LA.

102. *Sullivan BS, Trigsted SM, Zuk EF, Boling MC, Ford KR, **Taylor JB,** DiStefano LJ, Nguyen AD. Lower extremity landing kinematics differ across maturational stages in youth soccer athletes. National Athletic Trainers Association Annual Meeting. June, 2018. New Orleans, LA.

103. *Mullen CM, **Taylor JB**, *Aube MA, Westbrook AE, Nguyen AD, Smoliga JM, Ford KR. Effect of maturation on heart rate during a six-week plyometric training in female soccer players. American College of Sports Medicine Annual Meeting. May, 2018. Minneapolis, MN.

104. *Crisafulli GA, **Taylor JB**, Nguyen AD, Ford KR. Validity of a commercially available inertial measurement unit for vertical jump height measurement. American College of Sports Medicine Annual Meeting. May, 2018. Minneapolis, MN.

105. *Hockenjos TJ, Ford KR, Waxman JP, Nguyen AD, Westbrook AE, *Aube MA, **Taylor JB**. Higher vertical stiffness is related to greater fifth metatarsal bone mineral density in football players. American College of Sports Medicine Annual Meeting. May, 2018. Minneapolis, MN.

106. **Taylor JB.** Focused interventions for special populations, in "The Past, Present and Future of ACL Injury Prevention: Biomechanics Screening and Neuromuscular Interventions that Work!" Highlighted Symposium at the American College of Sports Medicine Annual Conference, Minneapolis, MN. May 2018.

107. Bleakley CM, Dischiavi SL, **Taylor JB**, Doherty C, Delahunt E. Rehabilitation reduces re-injury risk post ankle sprain, but there is no consensus on optimal exercise dose or content: a systematic review and meta-analysis. International Ankle Symposium. September, 2017. Chapel Hill, NC.

108. Nguyen AD, **Taylor JB**, Westbrook AE, *Tiberi LM, Waxman JP, Ford KR. Effects of cleat stiffness on footwear comfort and performance in American football: A randomized control trial. Footwear Biomechanics Symposium. July, 2017. Gold Coast, Australia.

109. Ford KR, Nguyen AD, Westbrook AE, *Mulrey CR, **Taylor JB**. Footwear induced changes in ankle biomechanics during unanticipated side-step cutting in female soccer players. Footwear Biomechanics Symposium. July, 2017. Gold Coast, Australia.

110. Westbrook AE, Nguyen AD, Smoliga JM, **Taylor JB**, Sinacore DR, Ford KR. Sport-related loading in athletes predicts bone mineral content of the fifth metatarsal. American Society of Biomechanics Annual Conference, August 2017, Boulder, CO.

111. *Downs J, Westbrook AE, Nguyen AD, Smoliga JM, **Taylor JB**, Sinacore DR, Ford KR. Relationship between metatarsal bone mineral content and fifth metatarsal relative loading during gait. American Society of Biomechanics Annual Conference, August 2017, Boulder, CO.

112. Waxman JP, Ford KR, Nguyen AD, **Taylor JB.** Biomechanical differences in female athletes with varying levels of leg stiffness. American Society of Biomechanics Annual Conference, August 2017, Boulder, CO.

113. *Zuk EF, Boling MC, *Whicker CR, Ford KR, **Taylor JB,** Nguyen AD. Influence of hip strength and activation on lower extremity landing biomechanics in female soccer players. NATA Annual Conference. June, 2017. Houston, TX.

114. *Whicker CR, *Zuk EF, **Taylor JB**, Ford KR, Nguyen AD. Influence of isokinetic hip strength measures on landing biomechanics during double and single leg landings. NATA Annual Conference. June, 2017. Houston, TX.

115. *Gajoch SJ, **Taylor JB, ***Fleischhacker DA, Waxman JP, Nguyen AD, Ford KR. Reliability of foot morphology measurements from a three-dimensional scanner. ACSM Annual Conference. June, 2017. Denver, CO.

116. *Whicker CR, **Taylor JB**, *Zuk EF, Ford KR, Nguyen AD. Influence of hip extension strength on landing biomechanics in collegiate basketball players. ACSM Annual Conference. June, 2017. Denver, CO.

117. *Zuk EF, Boling MC, Ford KR, **Taylor JB**, Nguyen AD. Relationship between passive hip range of motion and hip muscle activation during landing. ACSM Annual Conference. June, 2017. Denver, CO.

118. *Aube MA, **Taylor JB**, Westbrook AE, Nguyen AD, Ford KR. Muscle activation patterns during a novel lateral lunge jump reaction task. ACSM Annual Conference. June, 2017. Denver, CO.

119. *Kantor JL, Dischiavi SL, *Hockenjos TJ, **Taylor JB.** Landing patterns of collegiate female volleyball players during practice and game competition. ACSM Annual Conference. June, 2017. Denver, CO.

120. *Fleischhacker DA, Ford KR, Waxman JP, Nguyen AD, *Gajoch SJ, **Taylor JB.** Inter-day consistency of the Regional Analysis of Discomfort Survey. ACSM Annual Conference. June, 2017. Denver, CO.

121. **Taylor JB**, Ford KR, Nguyen AD, Shultz SJ. Biomechanical characteristics of responders and non-responders to an ACL injury prevention program. Combined Sections Meeting. February, 2017. San Antonio, TX.

122. *Savas MA, **Taylor JB**, Arena SL. The relationship between Xbox gaming performance and physical function in older adults. American Society of Biomechanics Annual Conference. August, 2016. Raleigh, NC.

123. *Hutcheson J, *Walker A, *Savas MA, **Taylor JB**, Arena SL. Pilot study examining the effects of Xbox Kinect training on changes in physical function in older adults. American Society of Biomechanics Annual Conference. August, 2016. Raleigh, NC.

124. *Gould LM, Ford KR, **Taylor JB**, Arena SL. Pilot study examining correlations between slip propensity, trip propensity, and Xbox Kinect gaming scores. American Society of Biomechanics Annual Conference. August, 2016. Raleigh, NC.

125. *Gregory AB, Nguyen AD, **Taylor JB**, Ford KR. Effects of surface on triple hop distance and kinematics. American Society of Biomechanics Annual Conference. August, 2016. Raleigh, NC

126. *Wright AM, *Zuk EF, Anderson T, *Baellow AL, Boling MC, Ford KR, **Taylor JB,** Pfile KR, Lane AR, Hackney AC, Williams MJ, Nguyen AD. Comparison of saliva hormones and survey-based classifications of maturational stage in youth soccer athletes. NATA Annual Conference. June, 2016. Baltimore, MD.

127. *Van Wert KM, *Zuk EF, *Baellow AL, Boling MC, Ford KR, **Taylor JB,** Pfile KR, DiStefano LJ, Williams MJ, Nguyen A. Relationship between navicular drop and lower extremity kinematics during functional tasks across sex and maturation. NATA Annual Conference. June, 2016. Baltimore, MD.

128. *Whicker CR, *Zuk EF, *Van Wert KM, *Baellow AL, Boling MC, Ford KR, **Taylor JB**, Pfile KR, DiStefano LJ, Williams MJ, Nguyen A. The influence of hip strength on landing kinematics across functional tasks in adolescent athletes. NATA Annual Conference. June, 2016. Baltimore, MD.

129. *Baellow AL, *Zuk EF, Boling MC, Ford KR, **Taylor JB**, Pfile KR, DiStefano LJ, Williams MJ, Nguyen A. Influence of pelvic angle on hip and knee motions during double and single leg landings in male and female youth soccer players. NATA Annual Conference. June, 2016. Baltimore, MD.

130. *Zuk EF, *Baellow AL, Boling MC, Ford KR, **Taylor JB**, Pfile KR, DiStefano LJ, Williams MJ, Nguyen A. Sex specific influence of hip strength and range of motion on landing kinematics across maturation. NATA Annual Conference. June, 2016. Baltimore, MD.

131. *Parry HA, Nguyen AD, **Taylor JB**, Ford KR. Midsole stiffness influences plantar loading during double leg landings in basketball players. ACSM Annual Conference. June, 2016. Boston, MA.

132. *Zuk EF, *Pritchard NS, Nguyen AD, **Taylor JB**, Ford KR. Differences in lower extremity joint motion with increased midsole basketball shoe stiffness. ACSM Annual Conference. June, 2016. Boston, MA.

133. *Branscomb M, *Pritchard NS, Smoliga JM, Nguyen AD, **Taylor JB,** Sinacore DR, Ford KR. Intra- and inter-rater reliability of proximal, shaft, distal, and total metatarsal bone mineral density. ACSM Annual Conference. June, 2016. Boston, MA.

134. *Kelly R, *Pritchard NS, Nguyen AD, Smoliga JM, **Taylor JB,** Sinacore DR, Ford KR. Plantar loading during gait significantly correlates to metatarsal bone density. ACSM Annual Conference. June, 2016. Boston, MA.

135. *Savas MA, **Taylor JB,** Arena SL. The relationship between Xbox gaming performance and physical function in young adults. ACSM Annual Conference. June, 2016. Boston, MA.

136. *Wright K, *Zuk EF, Ford KR, **Taylor JB**, Nguyen AD. Relationship between intrinsic foot muscle strength and standing broad jump performance across stages of maturation. ACSM Annual Conference. June, 2016. Boston, MA.

137. *Gould L, *Aube M, Nguyen AD, **Taylor JB**, Smoliga JM, Ford KR. Effects of intrinsic foot strength and step rate manipulation on in-shoe maximum force in recreational runners. ACSM Annual Conference. June, 2016. Boston, MA.

138. *Tiberi L, Smoliga JM, Nguyen AD**, Taylor JB**, Ford KR. Sex differences in metatarsal bone density and in-shoe load distribution in recreational runners. ACSM Annual Conference. June, 2016. Boston, MA.

139. *Morin SD, Nguyen AD, **Taylor JB,** Smoliga JM, Ford KR. Forefoot loading with step rate changes in recreational runners. ACSM Annual Conference. June, 2016. Boston, MA.

140. *Tripp SG, Ford KR, Shultz SJ, Nguyen AD, **Taylor JB**. Multi-sport athletes exhibit less lower extremity valgus than single-sport athletes. ACSM Annual Conference. June, 2016. Boston, MA.

141. *Siegmund M, Ford KR, Nguyen AD, **Taylor JB.** Identifying normative values and asymmetries in the agility T-test in high school soccer players. ACSM Annual Conference. June, 2016. Boston, MA.

142. *Mulrey CR, Ford KR, Shultz SJ, Nguyen AD, **Taylor JB.** Identifying limb dominance in adolescent female basketball players: Implications for biomechanical research. ACSM Annual Conference. June, 2016. Boston, MA.

143. *Dineen OL, Ford KR, Nguyen AD, Hegedus EJ, Dischiavi SL, **Taylor JB.** Comparing performance and side-to-side asymmetry of the forward, medial and lateral triple hop tests. ACSM Annual Conference. June, 2016. Boston, MA.

144. *Terry LN, Ford KR, Nguyen AD, **Taylor JB**. Does intrinsic foot strength affect plantar forces on the hallux during a basketball-specific task? Ohio Physical Therapy Association Scientific Symposium. October, 2015. Columbus, OH.

145. Stubbs A, **Taylor JB**, Hegedus EJ, Howse EA, Wright AA. Conservative management of femoroacetabular impingement: A pilot study. International Society for Hip Arthroscopy Annual Scientific Meeting. September, 2015. Cambridge, UK.

146. Ford KR, **Taylor JB**, *Baellow AL, *Arpante AK, *Wright KE, Nguyen AD. Differences in anatomical within cleat toe dorsiflexion during football movements. Footwear Biomechanics Symposium. July, 2015. Liverpool, UK.

147. Nguyen AD, **Taylor JB**, *Baellow AL, *Arpante AK, *Wright KE, Ford KR. Effects of plate stiffness on in-cleat load and motion during unanticipated cutting. Footwear Biomechanics Symposium. July, 2015. Liverpool, UK.

148. **Taylor JB,** Nguyen AD, *Baellow AL, *Arpante AK, *Wright KE, Ford KR. Effects of turf and cleat footwear on plantar load distribution. Footwear Biomechanics Symposium. July, 2015. Liverpool, UK.

149. *Arpante A, Nguyen AD, *Baellow AL, *Wright K, **Taylor JB**, Ford KR. Effects of cutting direction on in-cleat toe dorsiflexion during unanticipated backpedal cutting in football players. ACSM Annual Conference. May 2015, San Diego, CA.

150. *Wright K, Nguyen AD, *Baellow AL, *Arpante A, **Taylor JB**, Ford KR. Effects of toe flexor strength on forefoot loading during unanticipated side-step cutting in football players. ACSM Annual Conference. May 2015, San Diego, CA.

151. *Baellow AL, Nguyen AD, *Arpante A, *Wright K, **Taylor JB**, Ford KR. Effects of ankle dorsiflexion flexibility on forefoot and toe plantar loading during a weighted sled push. ACSM Annual Conference. May 2015, San Diego, CA.

152. *Mantikas L, Ford KR, Nguyen AD, Hegedus EJ, *Ward PE, **Taylor JB**. Concurrent validity of maximal jump height measurements of clinical, wearable, and research-grade instrumentation. ACSM Annual Conference. May 2015, San Diego, CA.

153. *Ward P, Ford KR, Nguyen AD, Hegedus EJ, **Taylor JB**. Sex-differences in the relative distribution of lower extremity sagittal plane moments during landing. ACSM Annual Conference. May 2015, San Diego, CA.

154. *Berwager J, Ford KR, Nguyen AD, Hegedus EJ, **Taylor JB**. A one-step countermovement jump elicits asymmetrical distribution of lower extremity joint moments in female athletes. ACSM Annual Conference. May 2015, San Diego, CA.

155. *Mulrey C, Ford KR, Nguyen AD, Hegedus EJ, **Taylor JB**. The relationship between hip extensor strength, jump height and external hip flexion moments during jumping. ACSM Annual Conference. May 2015, San Diego, CA.

156. Ford KR, **Taylor JB**, Nguyen AD. Kinematic landing differences following biofeedback training in female athletes. ACL Research Retreat, March 2015, Greensboro, NC.

157. Shultz SJ, **Taylor JB**, Wang HM, Rhea CK, Ross SE, Schmitz RJ. Associations between multi-planar knee laxity and self-report perceptions of knee function. ACL Research Retreat. March 2015, Greensboro, NC.

158. Wright AA, **Taylor JB**, Hegedus EJ, Stubbs A. Conservative management of femoroacetabular impingement: A pilot study. APTA Combined Sections Meeting. February 2015, Indianapolis, IN.

159. **Taylor JB**, Ford KR, Shultz SJ. Performance consistency of multi-directional bilateral and unilateral jump landings. APTA Combined Sections Meeting. February 2015, Indianapolis, IN.

160. **Taylor JB**, Ford KR, Shultz SJ. Knee biomechanics of bilateral and unilateral multi-directional landings: Implications for ACL Injury. APTA Combined Sections Meeting. February 2015, Indianapolis, IN.

161. Ford KR, **Taylor JB**, Nguyen AD, Hegedus EJ. Use of a virtual reality overhead goal improves vertical jump performance and biomechanics. World Congress of Biomechanics. July 2014, Boston, MA.

162. Schacht ES, Waxman JP, **Taylor JB**, Shultz SJ. Improvements in vertical jump height after a 6-week elastic band resistance training program. Southeast Chapter of the American College of Sports Medicine Annual Meeting. February 2014, Greenville, NC.

163. **Taylor JB**, Waxman JP, Richter SJ, Shultz SJ. Relative effectiveness of anterior cruciate ligament injury prevention program training components: A systematic review and meta-analysis. APTA Combined Sections Meeting. February 2014, Las Vegas, NV.

164. Long BL, Waxman JP, **Taylor JB**, Gosselin DJ, Rhea CK. Postural responses to upper limb movements in quiet standing. American Society of Biomechanics Annual Meeting. September 2013, Omaha, NE.

165. Waxman JP, **Taylor JB**, Gosselin DJ, Long BL, Rhea CK. Effects of a reduced base of support with rapid center of mass perturbations on postural control dynamics. Human Movement Science Research Symposium. March 2013, Chapel Hill, NC.

166. Wassinger CA, Wright AA, Smoliga JM, **Taylor JB**, Smith DD, Smith JC, Hegedus EJ. Upper extremity functional testing among high school and collegiate male athletes. American Physical Therapy Association Annual Meeting, June 2013, Salt Lake City, UT

167. Cook C, **Taylor J**, Goode A. Risk factors for first incident low back pain. Ohio Physical Therapy Fall Scientific Symposium, October 2013, Canton, OH.

168. Cook C, **Taylor J**, Wright A, Milosavljevic S, Goode A, Reiman M, Whitford M. Risk factors and incidence rates for first time incident sciatica. Ohio Physical Therapy Fall Scientific Symposium. October 2013, Canton, OH.

BOOK CHAPTERS

1. **Taylor JB,** Hegedus EJ, Ford KR. Biomechanics of lower extremity movements and injury in basketball. In: Lavor L, Kocaoglu B, Cole B, Arundale AJH, Bytomski J, Amendola A. Basketball Sports Medicine & Science. Berlin, Germany: European Society of Sports Traumatology, Knee Surgery and Arthroscopy; Springer 2020: 37-52.

2. **Taylor JB,** Ford KR, Hegedus EJ. Biomechanics of upper extremity movements and injury in basketball. In: Lavor L, Kocaoglu B, Cole B, Arundale AJH, Bytomski J, Amendola A. Basketball Sports Medicine & Science. Berlin, Germany: European Society of Sports Traumatology, Knee Surgery and Arthroscopy; Springer 2020: 53-64.

3. Potter ND, **Taylor JB.** Physical & Functional Performance Testing in Elite Basketball Players. In: Lavor L, Kocaoglu B, Cole B, Arundale AJH, Bytomski J, Amendola A. Basketball Sports Medicine & Science. Berlin, Germany: European Society of Sports Traumatology, Knee Surgery and Arthroscopy; Springer 2020: 645-656.

4. Ford KR and **Taylor JB.** Knee Anterior Cruciate Ligament: Injury Prevention. In: Brumitt J. Physical Therapy Case Files – Sports. New York, NY: McGraw Hill Education 2016: 261-275.

GRANTS AND FUNDING

Funded Proposals:

1. ***adidas International*** **2022**
   PI: Ford, KR
   Role: Co-investigator
   "Dynamic Assessment of Women's Soccer"

2. ***adidas International*** **2021**
   PI: Ford, KR
   Role: Co-investigator
   "Basketball Movement Assessment**"**

3. ***North Carolina Biotechnology Center – Translational Research Grant*** **2021**
   PI: Shultz, SJ
   Role: Consultant
   "Optimization of a Precision Measurement Solution for a Tri-Axial Knee Arthrometer"

4. ***adidas International*** **2020**
   PI: Ford, KR
   Role: Co-investigator
   "The Female Athlete: Optimize and Promote Sport Movement"

5. ***North Carolina Biotechnology Center*** **2018**
   PI: Shultz, SJ
   Role: Consultant
   "Early prototype development and optimization of a clinical knee arthrometer"

6. ***adidas International*** **2018**
   PI: Ford, KR
   Role: Co-investigator
   "Final Year: Randomized controlled trial investigating changes in footwear comfort and performance in high school American football players"

7. ***Academy of Pediatric Physical Therapy – Mentored Research Grant*** **2017**
   PI: Gosselin DJ

Role: Primary Mentor
"The impact of unpredictability on gait biomechanics and mobility-based participation in children with cerebral palsy."

8. ***adidas International*** **2017**
PI: Ford, KR
Role: Co-investigator
"Year two: Randomized controlled trial investigating changes in footwear comfort and performance in high school American football players"

9. ***adidas International*** **2016**
PI: Ford, KR
Role: Co-investigator
"Women's specific soccer cleat: Biomechanical assessment of an innovative prototype"

10. ***National Institute of Health, NIAMS R21*** **2016**
PI: Ford, KR
Role: Co-investigator
"Real-time Optimized Biofeedback Utilizing Sport Techniques (ROBUST)"

11. ***adidas International*** **2016**
PI: Ford, KR
Role: Co-investigator
"Randomized controlled trial investigating changes in footwear comfort and performance in high school American football players"

12. ***adidas International*** **2015**
PI: Ford, KR
Role: Co-investigator
"The risk of injury in basketball: Effects of footwear design and foot anatomical structure on in-shoe load distribution and foot movement"

13. ***adidas International*** **2014**
PI: Ford, KR
Role: Co-investigator
"The risk of turf toe injury in football: Effects of plate stiffness on in-cleat load distribution during football movements."

14. ***Thera-Band Academy*** **2013**
PI: Shultz, SJ
Role: Co-investigator
"The effect of a resistance training program on lower extremity lean mass and knee joint laxity."

INVITED PRESENTATIONS / PUBLICATIONS / INTERVIEWS *(not peer-reviewed)*

1. **Taylor JB.** "Knowledge." Westchester Country Day School. High Point, NC. January, 2023.

2. **Taylor JB.** "Incorporating technology into the prevention and rehabilitation of ACL injury." Biomedical Engineering Seminar Series. The University of Tennessee Health Science Center and University of Memphis Joint Program in Biomedical Engineering. Memphis, TN. October, 2019.

3. **Taylor JB. "**Exploring the role of the PT in field-based primary ACL injury prevention and rehabilitation dosing with wearable technology." Annual Orthopaedic Meeting, Academy of Orthopaedic Physical Therapy. Denver, CO. April, 2019.

4. **Taylor JB. "**Population specific ACL injury prevention and dosing." Annual Orthopaedic Meeting, Academy of Orthopaedic Physical Therapy. Denver, CO. April, 2019.

5. **Taylor JB,** Nguyen AD. "ACL Injuries Are On The Rise. How Do We Prevent Them?" UNC-TV, April 2019. (http://science.unctv.org/content/video/ACL)

6. **Taylor JB. "**Advice from a Professor." GRADitude (The Grad School Guide for Student Physical Therapists) Podcast. November 2018.

7. **Taylor JB. "**The Role of Physical Therapy in Inter-Disciplinary Care." High Point University, Department of Physicians Assistant Studies. September 2015; February 2016; September 2016.

8. **Taylor JB**. "Preventing Injuries in Youth Sports" Fox 8 Morning News, February, 2015. (http://youtu.be/sBFSZew0Rd0)

9. **Taylor JB.** "Current Concepts in ACL Prevention and Return-to-Sport Decisions". North Carolina Physical Therapy Association, Triad District meeting, January, 2015.

10. **Taylor JB**. "Expanding on the Side Bridge" Strength and Conditioning Journal Podcast, May 2014. (http://www.podcasts.com/strength-and-conditioning-journal-podcast/episode/expanding-on-the-side-bridge)

11. **Taylor JB**. "Risk Factors for Low Back Pain." BodyInMind Blog. May 2014.

12. **Taylor JB**. "Introduction to Systematic Reviews and Meta-Analyses." University of North Carolina at Greensboro, Department of Kinesiology. Feb 2014.

13. Shultz SJ, Tritsch A, **Taylor JB. "**ACL Injury Prevention." North Carolina Basketball Academy. Oct 2012.

14. Wright AA, **Taylor JB**. "Health Sciences Developments at High Point University." University of Otago, Dunedin, New Zealand. Mar 2012.

15. **Taylor JB. "**Lower extremity injury prevention in volleyball." Sayre Area High School. 2010.

16. **Taylor JB.** "Flexibility for the High School Athlete." New York State Section IV, High School Coaches. 2007.

17. **Taylor JB.** "Strength Training for the High School Athlete." New York State Section IV, High School Coaches. 2007.

CONTINUING EDUCATION

1. Combined Sections Meeting – Anaheim, CA **2026**
2. Educational Leadership Conference – Kansas City, MO **2025**
3. Congress of International Society of Biomechanics – Stockholm, Sweden **2025**
4. Footwear Biomechanics Symposium – Oslo, Norway **2025**
5. American College of Sports Medicine Annual Meeting – Atlanta, GA **2025**
6. Combined Sections Meeting – Houston, TX **2025**
7. APTA-NC Annual Meeting – High Point, NC **2024**
8. Educational Leadership Conference – Oakland, CA **2024**
9. American College of Sports Medicine Annual Meeting – Boston, MA **2024**
10. Combined Sections Meeting – Boston, MA **2024**
11. Educational Leadership Conference – Philadelphia, PA **2023**
12. American College of Sports Medicine Annual Meeting – Denver, CO **2023**
13. Combined Sections Meeting – San Diego, CA **2023**
14. Educational Leadership Conference – Milwaukee, WI **2022**
15. APTA-NC Annual Meeting – High Point, NC **2022**
16. American College of Sports Medicine Annual Meeting – San Diego, CA **2022**
17. Anterior Cruciate Ligament Research Retreat – High Point, NC **2022**
18. Combined Sections Meeting – San Antonio, TX **2022**
19. Educational Leadership Conference – Atlanta, GA **2021**
20. APTA-NC Annual Meeting – Winston-Salem, NC **2021**
21. Combined Sections Meeting – Virtual **2021**
22. Educational Leadership Conference – Virtual **2020**
23. Combined Sections Meeting – Denver, CO **2020**
24. Educational Leadership Conference – Bellevue, WA **2019**
25. American College of Sports Medicine Annual Meeting – Orlando, FL **2019**
26. Annual Orthopaedic Meeting – Denver, CO **2019**
27. Anterior Cruciate Ligament Research Retreat – Greensboro, NC **2019**

28. Combined Sections Meeting – Washington, DC **2019**
29. Educational Leadership Institute Fellowship Onsite Meeting – Boston, MA **2018**
30. American College of Sports Medicine Annual Meeting – Minneapolis, MN **2018**
31. Educational Leadership Institute Fellowship Onsite Meeting – Albuquerque, NM **2018**
32. Combined Sections Meeting – New Orleans, LA **2018**
33. Educational Leadership Conference – Columbus, OH **2017**
34. Educational Leadership Institute Fellowship Onsite Meeting – Columbus, OH **2017**
35. American College of Sports Medicine Annual Meeting – Denver, CO **2017**
36. Combined Sections Meeting – San Antonio, TX **2017**
37. American College of Sports Medicine Annual Meeting – Boston, MA **2016**
38. Combined Sections Meeting – Anaheim, CA **2016**
39. Emergency Medical Responder Course – High Point, NC **2016**
40. Combined Sections Meeting – Indianapolis, IN **2015**
41. Anterior Cruciate Ligament Research Retreat – Greensboro, NC **2015**
42. American College of Sports Medicine Annual Meeting – San Diego, CA **2015**
43. Footwear Biomechanics Symposium – Liverpool, UK **2015**
44. Educational Leadership Conference – Baltimore, MD **2015**
45. Combined Sections Meeting – Las Vegas, NV **2014**
46. World Congress of Biomechanics – Boston, MA **2014**
47. Emergency Medical Responder Course – High Point, NC **2013**
48. Educational Leadership Conference – Portland, OR **2013**
49. Faculty Development Workshop for New PT/PTA Faculty – Ithaca, NY **2012**
50. Sports Clinical Specialist Review (APTA Sports) – home study **2012**
51. Pediatric and Adolescent Sports Medicine: Management and Prevention of Injuries Unique to the Young Athlete (APTA Sports) – home study **2011**
52. Manual Therapy for the Pediatric Patient (APTA) – home study **2011**
53. Emergency Medical Responder Course – New Brunswick, NJ **2011**
54. Injury Prevention in Sports Medicine (APTA Sports) – home study **2010**
55. Diagnostic Imaging (APTA Ortho) – home study **2010**
56. Vestibular Rehabilitation, Dizziness, Balance and Associated Issues in Physical Therapy (APTA Ortho) – home study **2010**
57. Update on Anterior Cruciate Ligament Injuries (APTA Ortho) – home study **2010**
58. Rotator Cuff Syndrome: From Impingement to Post-Operative rehab (Terry Trundle) – Syracuse, NY **2009**

59. Rehabilitation Concerns for the Female Athlete (APTA Sports) – home study **2009**
60. The Hip (APTA Sports) – home study **2009**
61. Current Concepts in Orthopaedic Physical Therapy (APTA Ortho) – home study **2008**
62. Drayer Physical Therapy Institute Annual Conference – Hiltonhead, SC **2008**
63. Golf Conditioning Specialist (GMP Fitness) – home study **2007**
64. Strain Counterstrain II for the Extremities (Robert Dowd) – Hummelstown, PA **2006**
65. Functional Relationships of the Lower Half (Richard Jackson) – Hummelstown, PA **2006**
66. Vestibular Rehabilitation (Susan Whitney) – Hummelstown, PA **2005**

TEACHING / MENTORING

COURSE INSTRUCTION

High Point University –Graduate Level

Communication and Outreach (PT 7560): Course Director	*2022*
Interventions III – Regional to Global Treatment (PT 8070): Course Director	*2021 – 2023*
PT Selective I – Research in Physical Therapy (PT 8400): Course Director	*2020 – 2023*
Movement Science II (PT 7510): Co-Instructor	*2021 – 2022*
Independent Study (PT 7084): Course Director	*2023*
Board Preparation I (PT 8500): Course Director	*2024 – 2025*
Movement Science I (PT 7500): Course Director	*2024 – 2025*
Pharmacology (PT 8120): Course Director	*2025*
Therapeutic Exercise, Dry Needling, and Modalities (PT 7170): Co-Instructor	*2025*

The University of Tennessee Health Science Center

Evidence Based Practice I (PT 530) – Co-Instructor	*2020*
Evidence Based Practice III (PT 625) – Co-Instructor	*2020*
Sports Physical Therapy (Elective – PT 892) – Co-Instructor	*2020*

High Point University –Undergraduate Level

Human Anatomy (BIO 2070): Co-Instructor	*2012 – 2013*
Undergraduate Research (EXS 4111): Course Director	*2013 – 2019*
Practicum (EXS 4810): Primary Instructor	*2015 – 2016*

High Point University –Graduate Level

Movement Science I (PT 7010): Course Director	*2017 – 2019*
Movement Science II (PT 7510): Course Director	*2017 – 2018*
PT Selective (PT 8400, PT 8410)	
- Research in Physical Therapy: Course Director	*2018 – 2019*
- Course Director overseeing Adjunct Faculty for: Dry Needling I, Dry Needling 2, Performing Arts Medicine, Men's/Women's Health PT	*2018 – 2019*

GRADUATE STUDENT RESEARCH ASSISTANTS *(primary mentor only)*

1. Layla Moran (Physical Therapy) **2017 – 2019**
   - *Project- Acute:chronic jump load in volleyball*

2. Natalie Devine (Physical Therapy) **2017 – 2019**
   - *Project- Establishing normative values for movement demands in women's lacrosse*

3. Betsy Owen (Physical Therapy) **2018 – 2019**
   - *Project- Biomechanical characteristics of individuals after ACL-R*

4. David Steinbach (Physical Therapy) **2018 – 2019**
   - *Project – Strength characteristics of individuals after ACL-R*

5. Taylor Patti (Physical Therapy) **2018 – 2019**
   - *Project – Relationship between injury and external load in women's collegiate soccer*

6. Hallie Keatley (Physical Therapy) **2018 – 2019**
   - *Project – Utilization of portable force measuring insoles during rehabilitation*

7. Allison Hatcher (Physical Therapy) **2018 – 2019**
   - *Project – The effect of a neuromuscular injury prevention program on ankle biomechanics*

8. Katie Glover (Physical Therapy) **2020**
   - *Project – The single-leg vertical hop provides unique asymmetry information in individuals after anterior cruciate ligament reconstruction*

9. Cody Groves (Physical Therapy) **2020**
   - *Project – Reduced ankle dorsiflexion predicts high-risk lower extremity landing biomechanics*

10. Kristen Valasek **2021**
    - *Project - The relationship between lower extremity kinematics during a drop vertical jump and unanticipated backpedal*

11. Nicole Thiers **2021**
    - *Project - Maturation affects hip biomechanics when transitioning from forward to backward running: implications for ACL injury*

12. Katie Ballew **2021**
    - *Project - Sport-specific plyometric progression with wearable technology after anterior cruciate ligament reconstruction: a case report*

13. Hannah Dolfuss **2021**

- *Project – Incorporating soccer-specific demands into anterior cruciate ligament reconstruction rehabilitation*

14. William Coffin **2021**
    - *Project - Single-limb landing elicits significant force asymmetries: implications for injury prevention and rehabilitation*

15. Dylan Patel **2021**
16. Valencia Vigarino **2021**
    - *Project – Opioid use around anterior cruciate ligament reconstruction: a systematic review*

17. Anna Dudin **2021**
    - *Project – Predictors of second ACL injury*

18. Abbie Trzeciak **2021 – 2023**
    - *Project – External loading in collegiate women's volleyball players*

19. Tyler Smith **2022**
20. Andrew Feffer **2022**
    - *Project – Opioid use in ACL reconstruction: a systematic review.*

21. Taylor Dye **2021 – 2023**
22. Aly Durrett **2021 – 2023**
    - *Project – External loading demands in multi-directional sports (basketball, volleyball)*

23. Katie Hanson **2021 – 2022**
24. Tosin Opawumi **2022 – 2023**
    - *Project – Predictors of second ACL injury*

25. Kendall Kennedy **2023**
    - *Project – Identifying on-field asymmetry after lower extremity injury*

26. Ashton Cook **2023 – 2024**
    - *Project – External loading in collegiate women's volleyball players*

27. Michelle Ramsey **2023 – 2024**
28. Natalie Massa **2023 – present**
29. Katie Oatman **2023 – present**
    - *Project – Athlete Screening*

30. London McDaniel **2024 – present**
31. Fred Holscher **2024 - present**
    - *Project – External and internal loading demands in women's volleyball*

32. Anthony Ponce **2024 - present**
33. Logan Flowers **2024 – present**
34. Kieran Tilford **2024 – present**
    - *Project – Biomechanical analysis of horizontal changes of direction*

35. Grace Glodski **2026**
36. Kyra Reilly **2026**
    - *Project – Asymmetry in adolescent female volleyball athletes*

UNDERGRADUATE STUDENT RESEARCH ASSISTANTS *(primary mentor only)*
Awards and Regional-/University-Level Presentations ***(****natl/internatl presentations listed previously)*

1. Paige Ward, Exercise Science (pre-PT) **2013 – 2015**
   - *Comparison of lower extremity landing biomechanics of collegiate basketball and soccer players. High-PURCS* *2014*
   - *Sex-differences in the relative distribution of lower extremity sagittal plane moments during landing. High-PURCS* *2015*

2. Kathryn St. Amand, Exercise Science (pre-PT) **2013**

3. Lauren Mantikas, Biology (pre-nursing) **2013 – 2014, 2016**
   - *Concurrent validity of maximal jump height measurements of clinical, wearable, and research-grade instrumentation. State of North Carolina Undergraduate Research & Creativity Symposium* *2015*
   - *Validation of a wearable jump sensor during live volleyball competition. High-PURCS* *2016*

4. Lauren Terry, Exercise Science (pre-PT) **2014 – 2015**
   - *The effectiveness of injury prevention programs in reducing lower extremity injury risk in basketball players: A systematic review and meta-analysis. High-PURCS* *2014*
   - *Does intrinsic foot strength affect plantar forces under the hallux during a basketball-specific task? High-PURCS* *2015*

5. Jeffrey Berwager, Biology (pre-Med) **2014 – 2015**
   - *A one-step countermovement jump elicits asymmetrical distribution of lower extremity joint moments in female athletes. High-PURCS* *2015*

6. Colleen Mulrey, Exercise Science (biomechanics concentration) **2014 – 2017**
   - *Congdon School of Health Sciences Summer Research Fellow (SuRF)* *2016*

- *The relationship between hip extensor strength, jump height and external hip flexion moments during jumping. High-PURCS* *2015*
- *Identifying limb dominance in adolescent female basketball players: Implications for biomechanical research. High-PURCS* *2016*

7. Mary "Allison" Townsend, Exercise Science (pre-PT) **2015 – 2016**
   - *Performance changes in adolescent soccer players after an ACL injury prevention program. High-PURCS* *2016*
   - *Performance changes in adolescent soccer players after an ACL injury prevention program. North Carolina Academy of Science Meeting* *2016*

8. Melissa Savas, Exercise Science (pre-PT) **2015**
   - *The relationship between Xbox gaming performance and physical function. State of North Carolina Undergraduate Research & Creativity Symposium* *2015*

9. Kelly Hardesty, Exercise Science (pre-PT) **2015**

10. Olivia Dineen, Exercise Science (pre-PT) **2015 – 2017**
    - *Comparing performance and side-to-side asymmetry of the forward, medial and lateral triple hop tests. High-PURCS* *2016*

11. Matthew Siegmund, Exercise Science (pre-PT) **2015 – 2016**
    - *Identifying normative values and asymmetries in the agility T-test in high school soccer players. High-PURCS* *2016*

12. Samantha Tripp, Exercise Science (pre-PT) **2015 – 2017**
    - *Multi-sport athletes exhibit less lower extremity valgus than single-sport athletes. High-PURCS* *2016*

13. Jenny Kantor, Exercise Science (pre-PT) **2016 – 2018**
    - *Landing patterns of collegiate female volleyball players during practice and game competition. High-PURCS* *2017*
    - *Landing patterns of collegiate female volleyball players during practice and Competition. High-PURCS* *2018*

14. Tommy Hockenjos, Exercise Science (pre-PT) **2016 – 2019**
    - *Congdon School of Health Sciences Summer Research Fellow (SuRF)* *2017, 2018*
    - *Higher vertical stiffness is related to greater fifth metatarsal bone mineral density in football players. High-PURCS* *2018*

15. Devyn Fleischhacker, Exercise Science (pre-Dental) **2016 – 2018**
    - *Inter-day consistency of the regional analysis of discomfort survey. High-PURCS* *2017*
    - *Positional differences in movement demands in collegiate women's soccer. High PURCS* *2018*

16. Haley Barnes, Exercise Science (pre-PA) **2017 – 2018**

- *Identification of jump trends in collegiate women's volleyball players over the course of a season. High PURCS* *2018*

17. Addie Haverkost, Exercise Science (pre-PT) **2018**

18. Jenna Smith, Exercise Science (pre-PT) **2018 – 2019**
    - *Women's collegiate volleyball players exhibit kinetic asymmetries during sport-specific tasks. High-PURCS*

19. Rachel Kordonowy, Biology (pre-chiropractic) **2018 – 2019**
    - *The relationship between jump count, anthropometrics and biomechanics to knee injury in women's volleyball. High-PURCS*

20. Michelle Ramsey, Exercise Science (pre-PT) **2021 – 2022**
    - *Quantification of limb loading asymmetries in collegiate basketball players during basketball tasks. SURF Presentation*

21. Jason Hinkle, Exercise Science (pre-PT) **2021 – 2022**
    - *Sex-specific differences in biomechanical strategies during a single-leg countermovement jump. High-PURCS*

MENTORED HIGH SCHOOL INTERNSHIPS

1. Julia Solomon – Greensboro Day School **2015**
   - *Does intrinsic foot strength affect balance during a one leg standing task?*

2. Cruz Hesling – Westchester Country Day School **2023**
   - *Biomechanical analysis of running.*

SERVICE

UNIVERSITY SERVICE

University of Virginia (2026-present)

Department of Kinesiology
Founding Program Director – Doctor of Physical Therapy degree 2026 – present

High Point University (2020-2026)

University Committees
Council for Graduate and Professional Programs 2021 – 2026
Athletics 2021 – 2024
Faculty Search Committee
- Assistant Dean for Student and Professional Success, SDOH *(member)* 2022

Congdon School of Health Sciences

Faculty Search Committees

- Anatomy, CSHS *(member)* 2020 – 2021
- Exercise Science Chair (*member*) 2022 – 2023

Diversity, Equity, Inclusion, Justice Committee 2022 – 2024

Department of Physical Therapy

Chair – Department of Physical Therapy 2020 – 2026
Program Director – Doctor of Physical Therapy program 2020 – 2026
Chair – Diversity, Equity, Inclusion, Justice Committee 2022 – 2025

Recruitment and Retention Activities

Presidential Scholars Interviewer *(undergraduate)* 2021 – present
Academic Advisor for Doctor of Physical Therapy Students 2020 – 2025
HPU Health Hero 2021

The University of Tennessee Health Science Center (2019-2020)

College of Health Professions

Chair – Department of Physical Therapy 2019 – 2020
Program Director – Doctor of Physical Therapy program 2019 – 2020
Inaugural Director, UT Human Performance Research and Clinical Care Lab 2019 – 2020
College Council *(member)* 2019 – 2020
Faculty Search Committee – Division of Rehabilitation Sciences *(member)* 2019 – 2020

High Point University (2012-2019)

University Committees

Student Life Committee 2012 – 2019
Undergraduate Research and Creative Works Committee 2014 – 2019

Congdon School of Health Sciences

Faculty Search Committee, (PA Department), Director of Didactic Education 2012 – 2013
Faculty Search Committee, (PA Department), Director of Clinical Education 2012 – 2013
Congdon School of Health Sciences Curriculum Committee 2015 – 2019
Faculty Search Committee (AT Department), Teaching Faculty 2016

Department of Physical Therapy

Leadership Team *(member)* 2012 – 2019
Faculty Search Committee, Musculoskeletal II Position *(member)* 2015
Faculty Search Committee, Director of Clinical Education *(member)* 2015
Faculty Search Committee, Research Faculty *(2 positions) (member)* 2016 - 2017
Academic Review Committee *(member)* 2017 – 2019
Research Committee *(member)* 2017 – 2019
Curriculum Ad-hoc Committee *(chair)* *2018*

Staff Search Committees

Department of Physical Therapy, Department Administrator	2015
Department of Physical Therapy, Clinical Education Specialist	2015
Department of Physical Therapy, Curriculum Specialist	2016

Recruitment and Retention Activities

Academic Advisor for Undergraduate Exercise Science Majors	2012 – 2016
Presidential Scholars Interviewer *(undergraduate)*	2012 – 2019
Department of Physical Therapy Interviewer *(graduate)*	2016 – 2019
Freshman Move-in Volunteer	2012 – 2019
Physical Therapy Club Advisor	2015 – 2019
Freshman Common Read Facilitator	2016
Academic Advisor for Doctor of Physical Therapy Students	2017 – 2019

PROFESSIONAL SERVICE

National-level Professional Service

Specialization Academy of Content Experts 2014 – 2019

Item Writer for Sports Clinical Specialist Board Certification Exam

American Physical Therapy Association

Awards Committee – Subcommittee on Publications (2-year term)	*2017 – 2019*
Awards Committee – Subcommittee on Research (2-year term)	*2017 – 2019*

Academy of Physical Therapy Research

CSM Abstract Review Committee	2018 – 2024
CSM Abstract Review Committee – Chair	2021 – 2024
CSM Platform Moderator	2022 – 2024
CSM Gossman Session Moderator	2023 – 2024

Academy of Orthopaedic Physical Therapy

CSM Abstract Reviewer	2019
Research Committee Vice-Chair	2024 – 2025
Board of Directors	2025 – present
Research Committee Chair	2025 – present

Academy of Sports Physical Therapy

CSM Abstract Reviewer	2020 – 2021

Academy of Pelvic Health Physical Therapy

CSM Abstract Review Task Force	2025 – present

American College of Sports Medicine

Biomechanics Interest Group – Hop, Skip, Jump poster committee *2016*

Biomechanics Interest Group – Student Awards Committee/Reviewer *2020 – 2021*

Osteoarthritis Action Alliance

Secondary Prevention of Osteoarthritis Taskforce *2020 – 2023*

Organization and Hosting of Professional Meeting

ACL Research Retreat (*international)* **2022**

APTA-NC Annual Meeting *(regional)* **2022**

Memberships in Professional Organizations

American Physical Therapy Association **2002 – present**

Member of Orthopaedic (2002-2015, 2018-2020, 2023-present), Sports (2010-present), Education (2011-present) and Research (2016-present) sections, Clinical Internship Taskforce (2012-2014)

National Strength and Conditioning Association (member) **2002 – 2018**

American College of Sports Medicine (member) **2015 – 2019, 2022**

American Society of Biomechanics (member) **2019**

Editorial Service

Frontiers in Sports and Active Living

Associate Editor - Injury Prevention and Rehabilitation **2020 – 2021**

Special Topic Editor – Wearable Technology in Injury Prevention **2020 – 2021**

Grant Reviewer

Erwom Schrodinger Programme, Austrian Science Fund **2021**

Manuscript Reviewer

1. *Clinical Biomechanics* **2012 – 2019, 2021**
2. *British Journal of Sports Medicine* **2014 – 2015, 2017, 2019, 2025**
3. *Clinical Journal of Sport Medicine* **2014 – 2018**
4. *European Journal of Physiotherapy* **2015 – 2016**
5. *Journal of Athletic Training* **2014 – 2019, 2024**
6. *Pediatrics* **2015**
7. *Sports Health* **2015, 2018 – 2019, 2021 – 2022, 2024 – 2025**
8. *American Journal of Preventive Medicine* **2016**

9. *Journal of Science and Medicine in Sport*	**2016, 2018 - 2019**
10. *Physiotherapy*	**2016**
11. *American Journal of Sports Medicine*	**2016 – 2025**
12. *Archives of Physical Medicine and Rehabilitation*	**2016 – 2017**
13. *Journal of Strength and Conditioning Research*	**2016 – 2018, 2021 – 2022, 2024**
14. *Sports Medicine*	**2017, 2026**
15. *Journal of Sport Rehabilitation*	**2017, 2022 – 2023**
16. *Medicine & Science in Sports & Exercise*	**2017 – 2018, 2020, 2022**
17. *Scientific Reports – Nature*	**2017, 2021, 2025**
18. *Sports Biomechanics*	**2017 – 2019, 2022, 2024**
19. *Physical Therapy Reviews*	**2017 – 2018**
20. *Orthopaedic Journal of Sports Medicine*	**2017, 2021 – 2022**
21. *The Physician and Sportsmedicine*	**2017, 2019-20**
22. *PLOS ONE*	**2018**
23. *Brazilian Journal of Physical Therapy*	**2018**
24. *International Journal of Sports Physical Therapy*	**2019 – 2020**
25. *Research Quarterly for Exercise and Sport*	**2019**
26. *The Knee*	**2019**
27. *Physical Therapy in Sport*	**2019 – 2022**
28. *Open Access Journal of Sports Medicine*	**2019**
29. *Scandinavian Journal of Medicine and Science in Sports*	**2020**
30. *Journal of Sport and Health Science*	**2020, 2023**
31. *Research in Sports Medicine*	**2020**
32. *Trials*	**2021**
33. *Journal of Sports Medicine and Physical Fitness*	**2021**
34. *European Journal of Sport Science*	**2022**
35. *JOSPT Cases*	**2022**
36. *Women in Sport and Physical Activity Journal*	**2023**
37. *BMC Sports Science, Medicine and Rehabilitation*	**2025**
38. *Journal of Orthopaedic Surgery and Research*	**2025**
39. *JOSPT Open*	**2025**
40. *JOSPT*	**2026**

COMMUNITY SERVICE (*Health Sciences related*)

North Carolina Special Olympics FunFitness (*volunteer)* **2012 – 2014**

STEM Field Trip Coordinator – Human Biomechanics and Physiology Lab **2013 – 2017**
Organized experiences at the High Point University Human Biomechanics and Physiology Laboratory for Southwest Guilford High School, Greensboro Day School, High Point Christian Academy, Westchester Country Day School, and the Piedmont School.

Piedmont Soccer Alliance – Board of Directors *(member)* **2016 – 2019**

HONORS AND AWARDS

Educational Leadership Institute Fellowship Graduate **2017 – 2018**
American Physical Therapy Association

American Kinesiology Association Scholar Award for Doctoral Students **2016**
University of North Carolina at Greensboro – Department of Kinesiology nominee

American Kinesiology Association Graduate Student Writing Award **2016**
National Award – Honorable Mention
University of North Carolina at Greensboro – Department of Kinesiology nominee

"20 in their 20's" Recipient **2009**
Awarded by the Southern Tier Opportunity Coalition to twenty community members between the age of 20 and 29 who demonstrate excellence in the areas of Academic Excellence, Community Service, Personal Growth, Professional Achievement and Leadership.

Outstanding Student Recognition Award **2005**
Given by the physical therapy faculty at Duke University to the student that, "Demonstrated Leadership and Intellectual Curiosity and Outstanding Achievement in Service, Academic and Clinical Education."

Phi Beta Kappa – member **2002**