CURRICULUM VITAE

John R. Harry

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SUMMARY

Highest Degree:
Ph.D. in Kinesiology (Biomechanics Specialization)

Current Faculty Position & Institution:
Associate Professor with Tenure (as of 09/01/2023), Texas Tech University

Current Research Role:
Director, Human Performance & Biomechanics Lab

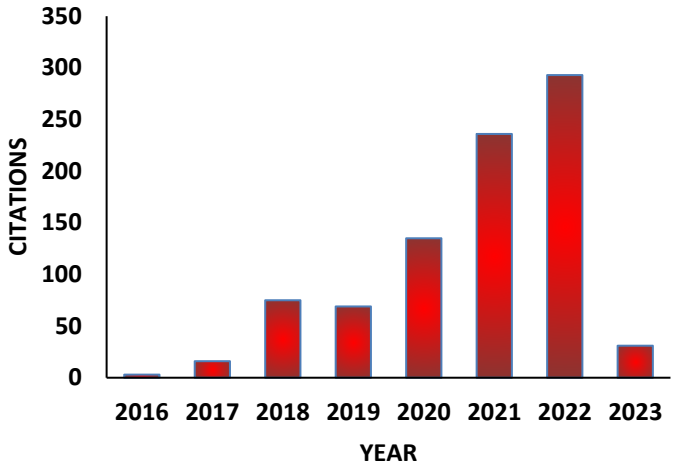
Research Interests:
- Sports science
- Jumping and landing mechanics and performance
- Resistance exercise to improve (a) athletic performance, (b) motor function in persons with neurological impairment, and (c) to mental health

Published Research Articles:
53 total
24 as lead/senior author
14 with student as lead author

Published Abstracts & Posters:
34 Abstracts & posters
11 with student as lead author/presenter

Presentations:
8 Podium presentations
6 with student as lead author/presenter

Publication Statistics (Google Scholar):
954 citations
h-index: 18
i10-index: 25



Publication Altmetrics:
Publications cited by at least 2,302 online posts

Research Grants & Funding:
$96,038 awarded in total
$80,188 awarded at Texas Tech University
$61,384 pending

Online Pages & Profiles:
Human Performance & Biomechanics Lab Website
PubMed
Google Scholar
ORCID
ResearchGate
Twitter (Personal)
Twitter (Research Lab)
LinkedIn

EDUCATION

2012 — ***Bachelor of Science (B.S.)*** in Kinesiology (Sports Studies & Strength and Conditioning)
Department of Kinesiology, California State University, Fullerton, Fullerton, CA
Mentor: Andrew J. Galpin, Ph.D., CSCS

2014 — ***Master of Science (M.S.)*** in Health and Sport Sciences (Exercise & Sport Sciences)
Department of Health & Sport Sciences, The University of Memphis, Memphis, TN
Thesis: Effects of footwear condition on maximal jumping performance
Mentor: Brian K. Schilling, Ph.D., CSCS, FNSCA

2017 — ***Doctor of Philosophy (Ph.D.)*** in Kinesiology (Biomechanics & Research Methods)
Department of Kinesiology & Nutrition Sciences, University of Nevada, Las Vegas, Las Vegas, NV
Dissertation: Biomechanical adjustments during landing in response to task perturbations
Mentor: Janet S. Dufek, Ph.D., FACSM

FACULTY AND PROFESSIONAL APPOINTMENTS

Summer 2014 — Adjunct Teaching Faculty, Dept. of Health and Sports Science, The University of Memphis, Memphis, TN

Summer 2016 — Adjunct Teaching Faculty, Dept. of Kinesiology and Nutrition Sciences, University of Nevada, Las Vegas, Las Vegas, NV

2017 – 2023 — Assistant Professor (tenure-track), Dept. of Kinesiology & Sport Management, Texas Tech University, Lubbock, TX

2021 – Present — Chief Financial Officer & Chief Operating Officer, SmartMate Solutions, LLC, Lubbock, TX

2023 – Present — Associate Professor with Tenure, Dept. of Kinesiology & Sport Management, Texas Tech University, Lubbock, TX

RESEARCH TRAINING

2012 – 2014 — Graduate Research Assistant, Musculoskeletal Analysis Laboratory, Dept. of Health and Sport Sciences, The University of Memphis, Memphis, TN

2014 – 2017 — Doctoral Graduate Research Assistant, Biomechanics Laboratory, Dept. of Kinesiology & Nutrition Sciences, University of Nevada, Las Vegas, Las Vegas, NV

TEACHING EXPERIENCE

Table 1. Courses Taught at All Current and Previous Institutions.

Institution	*Course #*	*Course Name*	*Level*	*Semester Taught (Enrollment)*
Texas Tech University	KIN 3322/ KIN 4305	Theory & Practice of Strength Training	UG	Summer 2018 (n=22); Summer 2019 (n = 15)
	KIN 4000	Independent Study	UG	Summer 2018 (n = 1); Spring 2019 (n = 1); Summer 2019 (n = 1); Fall 2019 (n = 1); Spring 2020 (n = 1); Fall 2022 (n = 1)
	KIN 4301	Introduction to Biomechanics	UG	Fall 2017 (n = 36); Fall 2018 (n = 42; n = 39); Summer 2018* (n = 40); Spring 2019 (n = 45); Summer 2019* (n = 20); Fall 2019 (n = 44; n = 45); Summer 2020* (n = 19; n = 39); Fall 2020* (n = 46; n = 45); Spring 2021* (n = 45; n = 45); Summer 2021* (n = 37; n = 42); Fall 2021 (n = 42; n = 23); Summer 2022 (n = 40; n = 41; n = 12); Fall 2022 (n = 46; n = 45)
	KIN 5031	Independent Study	GR	Spring 2018 (n = 1); Spring 2019 (n = 1); Fall 2019 (n = 4); Spring 2020 (n = 1); Summer 2020 (n = 1); Spring 2021 (n = 1); Fall 2021 (n = 1)
	KIN 5317	Seminar	GR	Spring 2020 (n = 9)
	KIN 5318	Biomechanical Assessment of Human Movement	GR	Spring 2019 (n = 10); Spring 2021 (n = 21)
	KIN 5355	Program Design for Strength & Conditioning	GR	Spring 2018 (n = 21); Spring 2020 (n = 16); Spring 2022 (n = 19)
	KIN 7000	Research	GR	Fall 2019 (n = 1); Spring 2020 (n = 2); Summer 2020* (n = 2); Fall 2020 (n = 2); Spring 2021 (n = 2); Summer 2021 (n = 2; n = 2); Fall 2021 (n = 4); Spring 2022 (n = 3); Summer 2022 (n = 1); Fall 2022 (n = 3)
	KIN 8000	Doctoral Dissertation	GR	Fall 2021 (n = 2); Spring 2022 (n = 2); Summer 2022 (n = 2); Fall 2022 (n = 1)
University of Nevada, Las Vegas	KIN 4301	Biomechanics	UG	Spring 2017 (n = 49)
	KIN 4301L	Biomechanics Lab	UG	Summer 2016[1,2]
University of Memphis	EXSS 2010	Resistance Training Applications	UG	Fall 2012 (x4 sections)[1,2]; Spring 2013 (x4 sections) [1,2]; Fall 2014 (x4 sections) [1,2]; Spring 2014 (x4 sections) [1,2]
	PHED 1302	Free Weights & Machines	UG	Summer 2014[1,2]

Note: *: Online Instructional Format; [1]: Primary Instructor while a Teaching Assistant; [2]: Enrollment not recorded

PEER-REVIEWED PUBLICATIONS *(Note: *Student as lead author)*

1. **Harry, J.R.**, Paquette, M.R., Caia, J., Townsend, R.J., Weiss, L.W., Schilling, B.K. (2015). Effects of footwear condition on maximal jumping performance. The Journal of Strength & Conditioning Research, 29(6): 1657-1665. Link to Article

2. Dufek, J.S., **Harry, J.R.,** Soucy M., Guadagnoli, M., Lounsbery, MAF (2016). Effects of active workstation use on walking mechanics and work efficiency. Journal of Novel Physiotherapies, 6: 289. Link to Article

3. Bates, B.T., Dufek, J.S., James, C.R., **Harry, J.R.,** Eggleston, J.D. (2016). The influence of experimental design on the detection of performance differences. Measurement in Physical Education and Exercise Science, 20(4): 200-207. Link to Article

4. Townsend, R.J., Bell, S.T., **Harry, J.R.** (2016). Accuracy of distraction based lifting criteria for the identification of insincere effort utilizing the under loading method. WORK, 55:873-882. Link to Article

5. Barker, L.A., **Harry, J.R.,** Dufek, J.S., Mercer, J.A. (2017). Aerial rotation effects on vertical jump performance among highly skilled collegiate soccer players. The Journal of Strength & Conditioning Research, 31(4): 932-938. Link to Article

6. **Harry, J.R.,** Barker, L.A., Mercer, J.A., Dufek, J.S. (2017). Vertical and horizontal impact force comparison during jump-landings with and without rotation in NCAA division 1 male soccer players. The Journal of Strength and Conditioning Research, 31(7): 1780-1786. Link to Article

7. Dufek, J.S., Eggleston, J.D., **Harry, J.R.,** Hickman, R.A. (2017). A comparative evaluation of gait between children with autism and typically developing matched controls. Medical Sciences, 5(1):1. Link to Article

8. Eggleston, J.D., **Harry, J.R.,** Hickman, R.A., Dufek, J.S. (2017). Analysis of gait symmetry during over-ground walking in children with autism spectrum disorder. Gait & Posture, 55:162-166. Link to Article

9. **Harry, J.R.**, Freedman Silvernail, J., Mercer, J.A., Dufek, J.S. (2017). Comparison of pre-contact joint kinematics and vertical impulse between jump-landings and step-off landings from equal heights. Human Movement Science, 56(Pt B):88-97. Link to Article

10. Barker, L.A., **Harry, J.R.,** Mercer, J.A. (2018). Relationships between countermovement jump ground reaction forces and jump height, reactive strength index, and jump time. The Journal of Strength and Conditioning Research, 32(1):248-254. Link to Article

11. **Harry, J.R.,** Barker, L.A., James, C.R., Dufek, J.S. (2018). Performance differences among skilled soccer players of different playing positions during vertical jumping and landing. The Journal of Strength and Conditioning Research, 32(2):304-312. Link to Article

12. **Harry, J.R.,** Eggleston, J.D., Dunnick, D.D., Edwards, H., Dufek, J.S. (2018). Effects of task difficulty on kinematics and task performance during walking workstation use. Translational Journal of the American College of Sports Medicine, 3(11):1-11. Link to Article

13. **Harry, J.R**., Freedman Silvernail, J., Mercer, J.A., Dufek, J.S. (2018). Bilateral comparison of vertical jump landings and step-off landings from equal heights. The Journal of Strength and Conditioning Research, 32(7):1937-1947. Link to Article

14. **Harry, J.R.,** Paquette, M.R., Schilling, B.K., Barker, L.A., James, C.R., Dufek, J.S. (2018). Kinetic and electromyographic sub-phase characteristics with relation to countermovement vertical jump performance. Journal of Applied Biomechanics, 34(4):291-297. Link to Article

15. Eggleston, J.D., **Harry, J.R.,** Dufek, J.S. (2018). Lower extremity joint stiffness during walking distinguishes children with and without autism. Human Movement Science, 62:25-33. Link to Article

16. **Harry, J.R.,** Barker, L.A., Eggleston, J.D., Dufek, J.S. (2018). Evaluating performance during maximum effort vertical jump landings. Journal of Applied Biomechanics, 43(5):403-409. Link to Article

17. Dufek, J.S., **Harry, J.R.,** Eggleston, J.D., Hickman, R.A. (2018). Walking mechanics and movement pattern variability in monozygotic twins with autism spectrum disorder. Journal of Developmental and Physical Disabilities, 30(6):793-805. Link to Article

18. **Harry, J.R.,** Barker, L.A., Paquette, M.R. (2019). Sex and acute weighted vest differences in force production and joint work during countermovement vertical jumping. Journal of Sports Sciences, 37(12):1318-1326. Link to Article

19. **Harry, J.R.,** James, C.R., Dufek, J.S. (2019). Weighted vest effects on impact forces and joint work during vertical jump landings in men and women. Human Movement Science, 63:156-163. Link to Article

20. **Harry, J.R.,** Eggleston, J.D., Lidstone, D.E., Dufek, J.S. (2019). Weighted vest use to improve movement control during walking in children with autism. Translational Journal of the American College of Sports Medicine, 4(10):64-73. Link to Article

21. Tinsley, G.M., Moore, M.L., Graybeal, A.J., Paoli, A., Kim, Y., Gonzales, J.U., **Harry, J.R.,** VanDusseldorp, T.A., Kennedy, D.N., Crus, M.R. (2019). Time-restricted feeding plus resistance training in active females: A randomized trial. The American Journal of Clinical Nutrition, 110(3):533-539. Link to Article

22. Eggleston, J.D., Chavez, E., **Harry, J.R.,** Dufek, J.S. (2019). Computer interactions during walking workstation use moderately affects spatial-temporal gait characteristics. Gait & Posture, 74:200-204. Link to Article

23. **Harry, J.R.,** Lanier, R., Nunley, B., Blinch, J. (2019). Focus of attention effects on lower extremity biomechanics during vertical jump landings. Human Movement Science. 68:102521. Link to Article

24. **Harry, J.R.,** Barker, L.A., Paquette, M.R. (2020). A joint power approach to identify countermovement jump phases using force platforms. Medicine & Science in Sports & Exercise. 52(4);993-1000. Link to Article

25. *Smith, R.E., Paquette, M.R., **Harry, J.R.,** Powell, D.W., Weiss, L.W. (2020). Footwear and sex differences in performance and joint kinetics during maximal vertical jumping. The Journal of Strength and Conditioning Research, 34(6): 1634-1642. Link to Article

26. Eggleston, J.D., **Harry, J.R.,** Cereceres, P.A., Olivas, A.N., Chavez, E.A., Boyle, J.B., Dufek, J.S. (2020). Lesser magnitudes of lower extremity variability during treadmill swing characterizes walking patterns in children with autism. Clinical Biomechanics, 76:105031. Link to Article

27. Hammond, K.G., **Harry, J.R.,** Williams Hayes, C., Schilling, B.K. (2020). Time-motion analysis of men's professional beach volleyball. Journal of Sport and Human Performance, 8(2). Link to Article

28. *Baus, J., **Harry, J.R.,** Yang, J (2020). Jump and landing biomechanical variables and methods – A literature review. Critical Reviews in Biomedical Engineering, 48(4): 211-222. Link to Article

29. *Chowning, L., Krzyszkowski, J., **Harry, J.R.** (2021). Maximal shoes do not alter performance or joint mechanical output during countermovement jumping. Journal of Sports Sciences, 39(1): 108-114. Link to Article

30. **Harry, J.R.,** Eggleston, J.D., Dufek, J.S., James, C.R. (2021). Single-subject analyses reveal altered performance and muscle activation during vertical jumping. Biomechanics, 1(1): 15-28. Link to Article

31. *Baus, J., **Harry, J.R.,** Yang, J. (2021). Optimization-based subject-specific planar human vertical jumping prediction: Model development and validation. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 235(7):805-818.
Link to Article

32. Barker, L.A., Bankers, S., Farmer, B., Siedlik, J., **Harry, J.R.,** Grindstaff, T. (2021). The influence of verbal cues on drop jump landing strategies in NCAA Division 1 soccer players. The American Journal of Sports Science, 9(2):37-42.
Link to Article

33. *Grozier, C.D., Cagle, G.K., Pantone, L., Rank, K.B., Wilson, S.J., **Harry, J.R.,** Seals, S., Simpson, J.D. (2021). Effects of medial longitudinal arch flexibility on propulsion kinetics during drop vertical jumps. Journal of Biomechanics, 118, 110322. Link to Article

34. **Harry, J.R.** (2021). MATLAB® guide for analyzing countermovement jump strategies and performance over time. Strength and Conditioning Journal, 43(5):44-53. Link to Article

35. **Harry, J.R.,** Krzyszkowski, J., Chowning, L., Kipp, K. (2021). Phase-specific force and time predictors of standing long jump distance. Journal of Applied Biomechanics, 37(5):400-407. Link to Article

36. *Chowning, L., Krzyszkowski, J., Nunley, B., Lanier, R., Gonzales, I., Calamoneri, T., Duffy, A., **Harry, J.R.** (2021). Biomechanical comparison of dominant and non-dominant limbs during leap-landings in contemporary style female dancers. Journal of Dance Science & Medicine, 5;25(4):231-237. Link to Article

37. Cohen, D.D., Restrepo, A., Richter, C., **Harry, J.R.,** Francho, M.V., Restrepo, C., Poletto, R., Taberner, M. (2021) Detraining of specific neuromuscular qualities in elite footballers during COVID-19 quarantine. Science & Medicine in Football, 5:sup1; 26-31. Link to Article

38. *Baus, J., **Harry, J.R.,** Yang, J. (2022). Optimization-based subject-specific planar vertical jumping prediction: Effect of elbow flexion and weighted vest. Journal of Engineering in Medicine, 236(1): 65-71. Link to Article

39. **Harry, J.R.,** Blinch, J., Barker, L.A., Krzyszkowski, J., Chowning, L. (2022). Low Pass Filter Effects on Metrics of Countermovement Vertical Jump Performance. The Journal of Strength and Conditioning Research, 36(5):1459-1467. Link to Article

40. *Krzyszkowski, J., Chowning, L., **Harry, J.R.** (2022). Phase-specific predictors of countermovement jump performance that distinguish good from poor jumpers. The Journal of Strength & Conditioning Research, 36(5):1257-1263. Link to Article

41. **Harry, J.R.,** Krzyszkowski, J., Harris, K., Chowning, L.D., Mackey, E., Bishop, C., Barker, L.A. (2022). Momentum-based load prescriptions: Applications to Jump Squat Training. The Journal of Strength and Conditioning Research, 36(9): 2657-2662. Link to Article

42. *Hurwitz, J., Rich, D., Agnew, C., **Harry, J.R.** (2022). Workload management strategies to optimize athlete performance in collegiate men's and women's basketball. International Journal of Strength and Conditioning, 2(1).
Link to Article

43. *Scherrer, D., Barker, L.A., **Harry, J.R.** (2022). Influence of takeoff and landing strategies on standing long jump performance. International Journal of Strength and Conditioning, 2(1). Link to Article

44. Barker, L.A., **Harry, J.R.** (2022). Bilateral ground reaction asymmetry during supramaximal drop landings. International Journal of Strength and Conditioning, 2(1). Link to Article

45. Bishop, C., Turner, A.N., Jordan, M., **Harry, J.R**., Loturco, I., Lake, J., Comfort, P. (2022). A framework to guide practitioners when selecting metrics during countermovement and drop jump tests. Strength and Conditioning Journal, 44(4): 95-103. Link to Article

46. *Harty, P.S., Friedl, K.E., Nindl, B.C., **Harry, J.R.,** Vellers, H.L., Tinsley, G.M. (2022). Military body composition standards and physical performance: Historical perspectives and future directions. The Journal of Strength and Conditioning Research, 36(12): 3551-3561. Link to Article

47. *Krzyszkowski, J., Chowning, L.D., **Harry, J.R.** (2022). Phase-specific verbal cue effects on countermovement jump perfomance. The Journal of Strength and Conditoning Research, 36(2): 3352-3358. Link to Article

48. Blinch, J., **Harry, J. R.,** Hart, M. A., & Cousineau, D. (2022). Examining the Mechanisms of Internal and External Focus of Attention With Donders' Subtractive Method. Motor Control, 26(3): 278-395. Link to Article

49. Keith, D.S., Scherrer, D., Nunley, B., Boykin, J.R., Green, J.J., Siedler, M.R., Rodriguez, C., Harty, P.S., Stratton, M.T., **Harry, J.R.,** Tinsley, G.M. (2023). Anthropometric predictors of conventional deadlift kinematics and kinetics: A preliminary study. International Journal of Exercise Science, 16(1): 429-447. Link to Article

50. *Xu, J., Turner, A., Comfort, C., **Harry, J.R.,** McMahon, J.J., Chavda, S., Bishop, C. (2023). A systematic review of the different calculation methods for measuring jump height during the countermovement and drop jump tests. Sports Medicine, 53(5): 1055-1072. Link to Article

51. Barker, L.A., Siedlik, J., Magrini, M., Uesato, S., Wang, H., Sjovold, A., Ewing, G., **Harry, J.R.** (2023). Eccentric force velocity profiling: Motor control strategy considerations and relationships to strength and jump performance. The Journal of Strength and Conditioning Research, 37(3): 574-580. Link to Article

52. **Harry, J.R.,** Barker, L.A., Tinsley, G.M., Krzyszkowski, J., Chowning, L., McMahon, J.J., Lake, J. Relationships among countermovement vertical jump performance metrics, strategy variables, and inter-limb asymmetry in females. Sports Biomechanics, 5:1-19, In Press. Link to Article

53. Bishop, C., Jordan, M., Torres-Ronda, L., Loturco, I., **Harry, J.R.,** Virgile, A., Mundy, P., Turner, A., Comfort, C. Selecting metrics that matter: Comparing the use of the countermovement jump for performance profiling, neuromuscular fatigue monitoring, and injury rehabilitation testing. Strength and Conditioning Journal, In Press. Link to Article

NON PEER-REVIEWED PUBLICATIONS

Trade Publications:

1. **Harry, J.R**. (2020). *The nuances of developing athlete power with Dr. John Harry*. Freelap Friday Five, SimpliFaster. Link to Article

2. **Harry, J.R.** (2022). *Using momentum-based load prescription to improve ballistic exercise programming.* Sportsmith Six, Sportsmith. Link to Article

3. **Harry, J.R.** (2023). *Standing long jumps vs. countermovement jumps for testing and performance enhancement*. Sportsmith. Link to Article

Blog Posts:

1. **Harry, J.R.** (2021). *Athlete Performance vs Strategy: Do You Know What You're Testing?* Link to Article

2. **Harry, J.R.** (2021). *Do You Target Unloading Strategies in Jump Training? You Should...* Link to Article

3. **Harry, J.R.** (2021). *Stick to the Plan - Targeted Adaptations Take Time*. Link to Article

4. **Harry, J.R.** (2021). *Where's the Love for Standing Long Jumps (i.e., Broad Jumps)? Link to Article*

5. **Harry, J.R.** (2021). *Athlete Performance Monitoring: Resisting the Urge to Drown Yourself in Metric Selection*. Link to Article

6. **Harry, J.R.** (2021). *CMJ "Explosiveness" and RSImod: A magical or misunderstood performance metric?* Link to Article

7. **Harry, J.R.** (2021). *Eccentric Yielding: Where Did It Come From & What The Hell Is It?* Link to Article

8. **Harry, J.R.** (2021). *Managing Mental Health in Academia: Periodization to the Rescue!* Link to Article

9. **Harry, J.R.** (2021). *Season-Long CMJ Performance Monitoring: Should We Scale to Readiness?* Link to Article

10. **Harry, J.R.** (2021). *The Case against Max and Sub-Max Drop Landings: Jump-Landings for the Win!* Link to Article

11. **Harry, J.R.** (2021). *The Stretch-Shortening Cycle: Can We Finally Try to Properly Define the Amortization Phase?* Link to Article

12. **Harry, J.R.** (2021). *Asymmetrical Force Output and Countermovement Jumps: Are We Studying It All Wrong?* Link to Article

13. **Harry, J.R.** (2021). *CMJ Force Platform Analysis: You Better Account for the Start Strategy!* Link to Article

14. **Harry, J.R.** (2021). *Re-thinking Statistical Testing in Sports Science Research: The Case for Single-Subject Designs*. Link to Article

15. **Harry, J.R.** (2021). *Filtering Ground Reaction Force Data from a Vertical Jump: The Art Form of Data Analysis*. Link to Article

CONFERENCE PROCEEDINGS & PUBLISHED ABSTRACTS (Note: **Student as lead presenter)*

Poster Presentations:

1. Weiss, L.W., Caia, J, **Harry, J.R.,** Chiu, L.Z.F., Schilling, B.K., Paquette, M.R. Preliminary investigation into the association of longitudinal foot dimensions with countermovement vertical jump displacement. 37th Annual Meeting of the National Strength and Conditioning Association. Las Vegas, NV. July 9-12, 2014.

2. Weiss, L.W., Caia, J, **Harry, J.R.,** Chiu, L.Z.F., Schilling, B.K., Paquette, M.R. Reliability and precision of anthropometric measures of the feet that influence moment arm length of reaction forces. 37th Annual Meeting of the National Strength and Conditioning Association. Las Vegas, NV. July 9-12, 2014.

3. Schilling, BK, **Harry, J.R.**, Paquette, M.R., Weiss, L.W., Peterson, D. Footwear-dependent correlations between vertical and standing long jumps. 3rd International Congress on Soldier's Physical Performance. Boston, MA. August 18-23, 2014.

4. **Harry, J.R.**, Hickman, R, Lee, S.P., Morris, B, Dufek, J.S. Effects of dual-tasking on spatio-temporal gait parameters in children with cerebral palsy. 33rd Annual Meeting of the American College of Sports Medicine Southwest Chapter. Costa Mesa, CA. October 17-18, 2014.

5. **Harry, J.R.,** Hickman, R, Lee, S.P., Morris, B, Dufek, J.S. Effects of dual-tasking on stability during walking in children with cerebral palsy. 62nd Annual Meeting of American College of Sports Medicine, 6th World Congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue. San Diego, CA. May 26-30, 2015.

6. Eggleston, J.D., **Harry, J.R.,** Hickman, R.A., Dufek, J.S. A comparitive evaluation of gait between children with autism and typically developing matched controls. Proceedings of the 34th Annual Meeting of the American College of Sports Medicine Southwest Chapter. Costa Mesa, CA. October 16-17, 2015.

7. Dufek, J.S., **Harry, J.R.,** Eggleston, J.D., Bates, B.T. A novel data analysis approach for identification of performance differences during locomotion. Annual Meeting of the Gait & Clinical Movement Analysis Society. Memphis, TN. May 17-20, 2016.

8. Hickman, R.A., McConnell, J., Silverman, B., **Harry, J.R.,** Lee, S.P., Morris, B., and Dufek, J.S. Evaluating usability and agreement among selected low-and high technology approaches to clinical gait analysis. NEXT Conference & Exposition from the American Physical Therapy Association, Nashville, TN. June 8-11, 2016.

9. **Harry, J.R.,** Eggleston, J.D., Hickman, R.A., Dufek, J.S. Walking mechanics and within-subject variability in monozygotic twins with autism spectrum disorder. 40th Annual Meeting of the American Society of Biomechanics. Raleigh, NC. August 2-5, 2016.

10. **Harry, J.R.**, Barker, L.A., Mercer, J.A., Dufek, J.S. Differences in vertical impact forces during landings among soccer players of different playing positions. 40th Annual Meeting of the American Society of Biomechanics. Raleigh, NC. August 2-5, 2016.

11. Barker, L.A., Harry, J.R., Dufek, J.S., Mercer, J.A. Performance of aerial rotation during vertical jumping among highly skilled collegiate soccer players. 40th Annual Meeting of the American Society of Biomechanics. Raleigh, NC. August 2-5, 2016.

12. Eggleston, J.D., **Harry, J.R.,** Hickman, R.A., Dufek, J.S. Evaluation of gait symmetry in children with autism spectrum disorder. 40th Annual Meeting of American Society of Biomechanics. Raleigh, NC. August 2-5, 2016.

13. Eggleston, J.D., Flores, L., Mamaung, M., Lidstone, D.E., **Harry, J.R.,** Dufek, J.S. Influence of a weighted backpack and weighted vest on gait kinematics in children with autism spectrum disorder. Annual Meeting of the Northwest Biomechanics Symposium. Eugene, OR. May 19-20, 2017.

14. Dufek, J.S., Eggleston, J.D., **Harry, J.R.** Movement differences between children with autism and children with typical development: Evidence for evaluating the individual before the group. Annual Meeting of the Gait & Clinical Movement Analysis Society. Salt Lake City, UT. May 23-26, 2017.

15. Smith, R.E., Powell, D.W., **Harry, J.R.,** Weiss, L.W., Paquette, M.R. Footwear differences in lower limb power generation during maximal vertical jumping. 41st Annual Meeting of the American Society of Biomechanics. Boulder, CO. August 8-11, 2017.

16. **Harry, J.R.,** Barker, L.A., Dufek, J.S., James, C.R. Force- and velocity-profile differences between good and poor countermovement vertical jumpers. 65nd Annual Meeting of American College of Sports Medicine, 9th World Congress on Exercise is Medicine and World Congress on the Basic Science of Muscle Hypertrophy and Atrophy. Minneapolis, MN. May 29-June 02, 2018.

17. **Harry, J.R.,** Gonzalez, M.I.*, Palmer, B.M. Performance differences among skilled soccer players of different playing positions during the standing long jump and standing long jump landing. 41st Annual Meeting of the National Strength and Conditioning Association. Indianapolis, IN. July 11-14, 2018.

18. *Nunley, B., Lanier, R., Gonzales, I., Calamoneri, T., Duffy, A., **Harry, J.R.** Dancers exhibit different organizations of muscular effort in the dominant versus non-dominant limb during the impact phase of the grand jeté. International Journal of Exercise Science: Conference Proceedings, 2(11), Article 118. Annual Meeting of the Texas Chapter of the American College of Sports Medicine. Fort Worth, TX. February 28-March 1, 2019.

19. *Chavez, E.A., Vanderhoof, H.R., Sanchez, C.N., **Harry, J.R.,** Dufek, J.S., Eggleston, J.D. Walking while working: The effect of walking workstation use on tripping kinematics. XXVII Congress of the International Society of Biomechanics in Conjunction with the 43rd Annual Meeting of the American Society of Biomechanics. Calgary, AB. July 31-August 4, 2019.

20. Eggleston, J.D., **Harry, J.R.,** Chavez, E.A., Cereceres, P.A., Vanderhoof, H.R., Olivas, A.N., Dufek, J.S. Coordination variability and autism: A potential descriptor for movement impairment? XXVII Congress of the International Society of Biomechanics in Conjunction with the 43rd Annual Meeting of the American Society of Biomechanics. Calgary, AB. July 31-August 4, 2019.

21. *Olivas, A.N., Chavez, E.A., **Harry, J.R.,** Dufek, J.S. Eggleston, J.D. Weighted vest effects on stride parameter variability in children with autism spectrum disorder. XXVII Congress of the International Society of Biomechanics in Conjunction with the 43rd Annual Meeting of the American Society of Biomechanics. Calgary, AB. July 31-August 4, 2019.

22. *Klar, P., Lanier, R., Blinch, J., **Harry, J.R.** Non-invasive brain stimulation to reduce cognitive interference and improve motor function in young adults with autism: A pilot study. Undergraduate Research Conference, Texas Tech University Center for Transformative Undergraduate Experiences. Lubbock, TX. March 30-April 3, 2020.

23. **Harry, J.R.,** Blinch, J., Barker, L.A., Chowning, L.D., Krzyszkowski, J. Ground reaction force data from a countermovement jump test do not need smoothing for analysis. National Strength & Conditioning Association National Conference. Las Vegas, NV. July 8-11, 2020.

24. *Krzyszkowski, J., Chowning, L.D., **Harry, J.R.** Countermovement jump phase-specific differences between poor and good jumper in Division 1 collegiate male basketball players. National Strength & Conditioning Association National Conference. Las Vegas, NV. July 8-11, 2020.

25. *Krzyszkowski, J., Chowning, L.D., **Harry, J.R.** Countermovement jump phase-specific differences between fast and slow jumpers in Division 1 collegiate male basketball players. American Society of Biomechanics Annual Conference. Atlanta, GA. August 4-7, 2020.

26. *Keith, D., Scherrer, D., Nunley, B., **Harry, J.R.,** Tinsley, G.M. Anthropometric predictors of concentric hip, knee, and ankle work during a 5x5 conventional deadlift routine. International Journal of Exercise Science: Conference Proceedings, 2(13): Article 26. Annual Meeting of the Texas Chapter of the American College of Sports Medicine. Online format, 2021.

27. Simpson J. Rendos N., Kim H., & **Harry J.R.** Single-subject analysis of phase-specific force and time variables during vertical hopping in chronic ankle instability. Southeast ACSM Annual Meeting. Greenville, SC, February 2022.

28. Parten A., Simpson J., Waldman H., Rendos N., Kim H., & **Harry J.R.** Center of mass dynamics and performance of vertical hopping in females with chronic ankle instability. Southeast ACSM Annual Meeting. Greenville, SC, February 2022.

29. Rendos N.K., Simpson J.D., Kim H., **Harry J.R.** Phase-Specific Force and Time Metrics during Vertical Hopping in Chronic Ankle Instability. American College of Sports Medicine Annual Meeting. San Diego, CA. May 31-June 4, 2022.

30. *Harris, K.N., Farrow, A.C., Jiwan, N.C., **Harry, J.R.** Fatigue increases knee joint laxity without increasing ACL size in recreationally active individuals. ISSN 20th Annual Conference and Expo. Fort Lauderdale, FL. June 16-18, 2022.

31. Bishop, C., Turner, A., Jordan, M., **Harry, J.R.,** Comfort, P. A framework to guide practitioners for selecting metrics during the countermovement and drop jump tests. UK Strength and Conditioning Association Annual Conference. Nottingham, UK. September 30 – October 2, 2022.

32. *Harris, K.N., Krzyszkowski, J., Chowning, L., Yang, J., Lamidi, K., Pati, D., Hashemi, S., **Harry, J.R.** Comparison of walking mechanics between manual and automated IV poles. International Journal of Exercise Science: Conference Proceedings, 2(15); Article 29.

33. *Hite, M., Harris, K.N., **Harry, J.R.** Comparison of landing variables between countermovement jump landings and drop vertical jump landings from equal heights. International Journal of Exercise Science: Conference Proceedings, 2(15); Article 135.

34. Cooper KJ, James CR, Sizer PS, **Harry J.R.,** Munger L, Natesan K, Chiddarwar V, Hooper TL. The Effects of Hip function on Plyometric Performance During a Single-leg Drop Vertical Jump Following Anterior Cruciate Ligament Reconstruction. Endowed Lecture Series Meeting at Texas Tech University Health Sciences Center, Lubbock, Texas. April 24, 2023.

Podium Presentations:

1. **Harry, J.R.,** Barker, L.A. Determinants of countermovement vertical jump performance among NCAA Division 1 men's basketball players. XXVII Congress of the International Society of Biomechanics in Conjunction with the 43rd Annual Meeting of the American Society of Biomechanics. Calgary, AB. July 31-August 4, 2019.

2. *Cereceres, P.A., Olivas, A.N., **Harry, J.R.,** Dufek, J.S., Eggleston, J.D. Quantifying gait variability among children with autism spectrum disorder. XXVII Congress of the International Society of Biomechanics in Conjunction with the 43rd Annual Meeting of the American Society of Biomechanics. Calgary, AB. July 31-August 4, 2019.

3. **Harry, J.R.,** Barker, L.A., Paquette, M.R. A joint power approach to identify countermovement jump phases using force platforms. Mid-South Biomechanics Conference. Memphis, TN. February 20-21, 2020.

4. *Chowning, L.D., Krzyszkowski, J., **Harry, J.R.** Maximal shoes do no alter performance or joint mechanical output during countermovement jumping. Mid-South Biomechanics Conference. Memphis, TN. February 20-21, 2020.

5. *Krzyszkowski, J., Chowning, L.D., **Harry, J.R.** Phase-specific predictors of countermovement jump performance in collegiate basketball players. Mid-South Biomechanics Conference. Memphis, TN. February 20-21, 2020.

6. *Nunley, B., Scherrer, D., **Harry, J.R.** The effect of cumulative load volume at a constant intensity on deadlift biomechanics. Mid-South Biomechanics Conference. Memphis, TN. February 20-21, 2020.

7. *Harris, K.N., **Harry, J.R.** Impacts of preload on countermovement jump variables. Mid-South Biomechanics Conference. Memphis, TN. February 17-18, 2023.

8. *Simms, A.J., **Harry, J.R.** Test-retest reliability of variables collected during different countermovement jump techniques – Arm swing or no arm swing. Mid-South Biomechanics Conference. Memphis, TN. February 17-18, 2023.

PATENTS AND OTHER INTELLECTUAL PROPERTY

1. Validation License and Option Agreement for Project Teams Entering Federal And State Grant Programs, Texas Tech Office of Research Commercialization. Team: SmartMate IV (Pati, D., Yang, J., **Harry, J.R.**). Effective May, 10, 2022.

RESEARCH GRANTS & FUNDING

Funded Research, Travel, & Small Business Grants:

2013 – 2014 National Strength and Conditioning Association Foundation Graduate Research Grant
Project Title: The effects of footwear condition on maximal jumping performance
Investigator(s): John R. Harry, Brian K. Schilling (mentor)
Role: PI Total award amount: $5,000

2014 UNLV Graduate & Professional Student Association Conference Travel Award
Project Title: Effects of dual-tasking on spatio-temporal gait parameters in children with cerebral palsy
Investigator(s): John R. Harry
Role: PI Total award amount: $200

2016 UNLV Graduate and Professional Student Association Conference Travel Award
Project Title: A Kinetic evaluation of walking between monozygotic twins with autism
Investigator(s): John R. Harry
Role: PI Total award amount: $500

2016 – 2017 National Strength and Conditioning Association Foundation Doctoral Research Grant
Project Title: Determining the optimal weight vest dispersion during externally loaded landings.
Investigator(s): John R. Harry, Janet S. Dufek (mentor)
Role: PI Total award amount: $8,650

2016 UNLV School of Allied Health Sciences Research Award
Project Title: Mechanical comparison of bilateral squats and landings when loaded and unloaded in individuals with patella-femoral pain syndrome
Investigator(s): John R. Harry, Janet S. Dufek (mentor)
Role: PI Total award amount: $1,500

2018 CH Foundation Arts In Medicine Seed Grant – J.T. & Margaret Talkington College of Visual & Performing Arts, Texas Tech University
Project Title: Study on Dance Injuries and Interventions
Investigator(s): Tanya Calamoneri, Ali Duffy, John R. Harry
Role: Co-PI Total award amount: $10,000

2019-2020 TTUHSC School of Health Professions Federal Funding Development Award (FFDA)
Project Title: Sensory organization of posture and gross motor control in adolescents with autism spectrum disorder
Investigator(s): Karen Aranha (PI), Cindi Tiongco, John R. Harry, Abigail Adame, Wesley Dotson, Claudia Hilton
Role: Co-PI Total award amount: $24,938
Note: Funding canceled due to relocation of the PI

2020 – 2022 IMeasureU
Project Title: IMU STEP Texas Tech Sport Science Sponsorship
Investigator: John R. Harry
Role: PI Total award amount: $6,000

2021 Texas Tech Univesity Proposal Assistance Program
Project Title: Efficacy of resistance exercise plus mindfulness-mediation on symptoms of general anxiety disorder
Investigator(s): John R. Harry, Heather L. Vellers
Role: PI Total award amount: $3,000

2021 National Science Foundation; Texas Tech University NSF I-Corps Site
Project Title: Texas Tech University I-Corps Site for Innovation and Entrepreneurship
Investigator(s): Debajyoti Pati, James Yang, John R. Harry, Sayedehnastaran Hashemi
Role: Co-PI Total award amount: $3,000

2021 Texas Tech Inovation Hub & Lubbock Economic Development Alliance Prototype Fund
Project Title: A solution to reduce the risk of patient falls at hospitals and other healthcare settings
Investigator(s): Debajyoti Pati, James Yang, John R. Harry, Seyedehnastaran Hashemi
Role: Co-PI Total award amount: $8,750
Note: *This funding was awarded to SmartMate Solutions, LLC, a healthcare design company co-founded by the listed investigators in collaboration with the TTU Innovation Hub*

2022 President's Innovative Startup Award
Project Title: SmartMate IV
Investigator(s): Debajyoti Pati, James Yang, John R. Harry, Seyedehnastaran Hashemi
Role: Co-PI Total award amount: $15,000
Note: *This funding was awarded to SmartMate Solutions, LLC, a healthcare design company co-founded by the listed investigators in collaboration with the TTU Innovation Hub*

2022 National Science Foundation (NSF) Regional I-Corps Program - Participant Support Fund
Project Title: SmartMate Solutions, LLC MVP Development
Investigator(s): Debajyoti Pati, James Yang, John R. Harry, Seyedehnastaran Hashemi
Role: Co-PI Total award amount: $5,000
Note: *This funding was awarded to SmartMate Solutions, LLC, a healthcare design company co-founded by the listed investigators in collaboration with the TTU Innovation Hub*

2023 Scholarship Cayalyst Program
Project Title: Better Estimates of Reaction Time With Force-Based Measurements
Investigator(s): Jarrod Blinch, John R. Harry, Ty Palmer
Role: Co-PI Amount requested: $1,500

Pending Proposals

2023 National Strength and Conditioning Association Foundation Young Investigator Grant
Project Title: Comparison between momentum- and velocity-based jump squat training on vertical jump ability in resistance trained males and females
Investigator(s): John R. Harry
Role: PI Amount requested: $22,314

2023 National Strength and Conditioning Association Foundation Directed Research Grant
Project Title: Comparison between momentum- and velocity-based training effects in NCAA Division 1 Men's and Women's Basketball Players
Investigator(s): John R. Harry, Conor Agnew
Role: PI Amount requested: $24,080

2023 National Strength and Conditioning Association Foundation Graduate Research Grant - Doctoral
Project Title: Collagen supplementation and resistance training effects on knee joint laxity in female athletes
Investigator(s): Katie Harris, John R. Harry
Role: Faculty PI/Mentor Amount requested: $14,990

Not Funded Proposals and Letters of Intent:

2014 American College of Sports Medicine (ACSM) Foundation Doctoral Student Research Grant
Project Title: Effects of shoe mass on vertical jump and landing performance
Investigator(s): John R. Harry, Janet S. Dufek
Role: PI Amount requested: $4,984

2015 Simons Foundation Autism Research Initiative (SFARI) – Explorer Award
Project Title: Gait variability in adults with autism: A diagnostic for continued care?
Investigator(s): Janet S. Dufek, Robbin A. Hickman, Julia Freedman Silvernail, Gougen Shan, John R. Harry, Jeffrey D. Eggleston
Role: Co-I Amount requested: $58,546

2015 Autism Speaks Suzanne and Bob Wright Trailblazer Award
Project Title: Variability in loaded and unloaded walking in children with autism: Implications of study design
Investigator(s): Janet S. Dufek, Robbin A. Hickman, Jeffrey D. Eggleston, John R. Harry
Role: Co-I Amount requested: $100,000

2016 Organization for Autism Research Applied Research Competition
Porject Title: Load carriage in children with autism spectrum disorder: Establishing maximum load values
Investigator(s): Janet S. Dufek, Robbin A. Hickman, Jeffrey D. Eggleston, John R. Harry
Role: Co-I Amount requested: $30,000

2016 Department of Defense (DOD) Congressionally Directed Medical Research Program
Project Title: Movement variability during stair ascent and descent as a diagnostic tool for children with autism sprectrum disorder
Investigator(s): Janet S. Dufek, Mohamed B. Trabia, Julia Freedman Silvernail, Robbin A. Hickman, Jeffrey D. Eggleston, John R. Harry
Role: Co-I Total award amount: $500,000

2017 Health Disparities Pilot Grant, National Institute of General Medical Sciences
Project Title: Non-invasive brain stimulation to improve movement coordination in children with autism
Investigator(s): Brach Poston, Julia Freedman Silvernail, Jeffrey D. Eggleston, John R. Harry, Janet S. Dufek
Role: Senior Personnel Amount requested: $60,000

2017 Department of Defense Autism Research Program – Idea Development Award (W81XWH-17-ARP-IDA)
Project Title: Examination of transcranial direct current stimulation as an intervention for mitigation of movement disorders in persons with autism
Investigator(s): Janet S. Dufek, John R. Harry, Bracher Poston, Gougen Shan, Jeffrey D. Eggleston
Role: Co-PI Total award amount: $500,000

2017 Thrasher Research Fund – Early Career Award
Project Title: Non-invasive brain stimulation to improve ambulatory function in children with autism
Investigator(s): John R. Harry, Brach Poston, Jeffrey D. Eggleston, Janet S. Dufek (mentor)
Role: PI Amount requested: $26,750

2017 National Science Foundation Innovative Technology Experiences for Students and Teachers (ITEST) Program
Project Title: “Jump Into Stem” program for STEM engagement and workforce readiness
Investigator(s): Heather Greenhalgh-Spencer, Tim Dallas, Kelly Frias, Linda Donahue, John R. Harry
Role: Senior Personnel Amount requested: $1,160,754

2018 National Strength and Conditioning Association Foundation Young Investigator Grant
Project Title: Jump squat training for the improvement of landing performance in trained men
Investigators(s): John R. Harry, C. Roger James
Role: PI Amount Requested: $22,300

2018 Department of Defense (DOD) Autism Research Program – Idea Development Award
Project Title: The influence of sensory feedback mechanisms of task performance and motor pattern variability in children with autism
Investigator(s): Jeffrey D. Eggleston, John R. Harry, Jason B. Boyle, Rhonda A. Jeske, Amy E Wagler, Janet S. Dufek
Role: Co-I Total Award award amount: $500,000

2018 Simons Foundation Autism Research Initiative (SFARI) – Explorer Award
Project Title: Non-invasive brain stimulation to improve motor function and mitigate behavioral symptoms in children with autism
Investigator(s): John R. Harry, Brach Poston, Wesley Dotson, Jeffrey D. Eggleston
Role: PI Amount requested: $79,619

2018 Robert Wood Johnson Foundation Pioneering Ideas Featured Opportunity: Technology, Infrastructure and Health
Project Title: The use of wearable sensor and the socio-ecological framework for improving physical activity, social, and physical health in adults with autism
Investigators: Eric Rivas, John R. Harry, Heather Vellers, Welsey Dotson
Role: Co-PI Amount Requested: $394,689

2018 National Institutes of Health PAR-18-307 Developing and Testing Interventions for Health-Enhancing Physical Activity (R21/R33)
Project Title: The combination of wearable technology and the socio-ecological framework for enhancing physical activity in young and older adults with autism
Investigator(s): Eric Rivas, John R. Harry, Heather Vellers, Wesley Dotson, John Culberson, Jaehoon Lee
Role: Co-PI Amount Requested: $1,519,956

2019 National Institutes of Health PA-18-400 Research on Autism Spectrum Disorders (R21)
Project Title: Mechanisms of action of transcranial direct current stimulation to improve motor function during walking in adults with autism
Investigator(s): John R. Harry, Wesley Dotson, Brach Poston, Jeffrey D. Eggleston, Jaehoon Lee
Role: PI Amount Requested: $380,835

2019 National Science Foundation NSF-18-541 Smart and Connected Health (SCH)
Project Title: Smart home real-time multi-abnormal detection with a radio sensing network
Investigator(s): Victor Sheng (PI), Changzhi Li, Fang Jin, John R. Harry
Role: Co-PI Amount Requested: $1,087,098

2020 National Science Foundation NSF-19-582 – Research Experiences for Undergraduates
Project Title: REU Site: Human-centric biomechanics and engineering at Texas Tech University
Investigator(s): John R. Harry, James Yang
Role: PI Amount requested: $379,998

2020 National Strength & Conditioning Association Foundation Young Investigator Award
Project Title: Barbell jump squat training to improve landing mechanics and performance in resistance trained males
Investigator(s): John R. Harry, C. Roger James (mentor)
Role: PI Amount Requested: $21,852

2020 National Strength & Conditioning Association Foundation Graduate Student Grant
Project Title: Improving vertical jump performance and neuromuscular function using weighted jump exercises
Investigator(s): Luke D. Chowning (PI), John R. Harry
Role: Faculty PI/Mentor Amount Requested: $14,639

2020 Texas Tech Alumni Association Excellence Grant
Project Title: Sports Science Initiatives at Texas Tech University: Providing Real-World Experiences for Students in a Rapidly Growing Field
Investigator(s): John R. Harry
Role: PI Amount Requested: $10,000

2021 National Strength & Conditioning Association Foundation Graduate Research Grant - Doctoral
Project Title: How do loaded jumps improve vertical jumping performance?
Investigator(s): Luke Chowning, John R. Harry
Role: Faculty PI/Mentor Amount Requested: $13,379

2021 National Strength & Conditioning Association Foundation Graduate Research Grant - Doctoral
Project Title: Lower extremity kinematic and kinetic relationships between weightlifting verk variations and the vertical countermovement jump
Investigator(s): John Krzyszkowski, John R. Harry
Role: Faculty PI/Mentor Amount Requested: $7,347

2021 National Strength & Conditioning Association Foundation Young Investigator Award
Project Title: 8-Weeks of resistance training to improve jumping and landing abilities and reduce injury risk in males and females
Investigator(s): John R. Harry, Grant M. Tinsley
Role: PI Amount Requested: $23,556

2021 National Science Foundation NSF-19-582 – Research Experiences for Undergraduates
Project Title: REU Site: Human-centric biomechanics and engineering at Texas Tech University
Investigator(s): John R. Harry, James Yang
Role: PI Amount requested: $383,811

2022 United States Department of Health and Human Services PA-18-794 AHRQ Small Research Grant Program (R03)
Project Title: Reducing IV pole-related fall risk in the patient room: Identification of Ambulatory Strategies and barriers to overcome for strategy implementation
Investigator(s): John R. Harry, Glenn Cummins, Debajyoti Pati
Role: PI Amount requested: $99,910

2022 National Strength and Conditioning Association Foundation Young Investigator Award
Project Title: Comparison Between Momentum- and Velocity-Based Jump Squat Training on Vertical Jump Ability in Resistance Trained Males and Females
Investigator(s): John R. Harry
Role: PI Amount requested: $22,434

2022 National Strength and Conditioning Association Foundation Graduate Student Research Grant – Doctoral
Project Title: The effects of collagen supplementation and exercise on knee joint laxity in females
Investigator(s): Katrina Harris, John R. Harry
Role: Faculty Mentor Amount requested: $9,053

2022 National Strength and Conditioning Association Foundation Graduate Student Research Grant – Doctoral
Project Title: The association between leg asymmetry and performance across multiple countermovement jump tests in basketball athletes
Investigator(s): Ethan Mackey, John R. Harry
Role: Faculty Mentor Amount requested: $13,710

2022 National Strength and Conditioning Association Foundation Young GNC Nutritional Research Grant
Project Title: Impacts of a 12-month collagen supplementation and resistance training protocol on knee joint laxity in female athletes
Investigator(s): Katrina Harris, John R. Harry
Role: Faculty Mentor Amount requested: $9,053

STUDENT RESEARCH MENTORSHIP & ACADEMIC ADVISING

Table 2. List of PhD and MS Student-Research Projects I Have Chaired or Served as Contributing Faculty Member.

Name	*Degree*	*Years*	*Institution*
[1]Matthew Gonzalez	MS, Kinesiology	2017-18	Texas Tech University
[1,2]Luke Chowning	MS, Kinesiology & PhD, Exercise Physiology	2018-22	Texas Tech University
[1]Ryan Lanier	MS, Kinesiology	2018-20	Texas Tech University
[1]Brandon Nunley	MS, Kinesiology	2018-20	Texas Tech University
[1]Andrew Lathrop	MS, Kinesiology	2019-20	Texas Tech University
[1]Daniel Scherrer	BS & MS, Kinesiology	2019-22	Texas Tech University
*Fabricio Saucedo	PhD, Interdisciplinary Health Sciences	2019-20	University of Texas at El Paso
[2]John Krzyszkowski	PhD, Exercise Physiology	2019-22	Texas Tech University
*Ritwik Rakshit	PhD, Mechanical Engineering	2019-	Texas Tech University
*Christian Sanchez	MS, Kinesiology	2019-21	University of Texas at El Paso
[1]Gui Martens	MS, Kinesiology	2020-21	Texas Tech University
[1]Jacob Hurwitz	MS, Kinesiology	2020-21	Texas Tech University
*Kinyata Cooper	PhD, Rehabilitation Science	2021-23	TTU Health Sciences Center
*Patrick Harty	PhD, Exercise Physiology	2021-22	Texas Tech University
*Jazmin Cruz	PhD, Mechanical Engineering	2021-	Texas Tech University
[2]Katie Harris	PhD, Exercise Physiology	2021-	Texas Tech University
*Jason Xu	PhD	2022-	Middlesex University (United Kingdom)
**David Winograd	PhD, Counseling Psychology	2022	Texas Tech University
*Shadman Tahmid	PhD, Mechanical Engineering	2023-	Texas Tech University

Notes: [1]: Master's thesis project or research manuscript; [2]: Doctoral dissertation project; *Students for whom I serve(d) as committee member or outside member; ** Students for whom I served as Dean's representative.

Table 3. List of Graduate Students I Have Academically Advised.

Name	*Degree*	*Years*	*Institution*	*Degree Program*
Matthew Gonzalez	MS	2017-18	Texas Tech University	Kinesiology – Human Performance Track
Ryan Lanier	MS	2018-20	Texas Tech University	Kinesiology – Human Performance Track
Brandon Nunley	MS	2018-20	Texas Tech University	Kinesiology – Human Performance Track
Danielle Edgar	MS	2018-19	Texas Tech University	Kinesiology – Human Performance Track
Shalie McAlister	MS	2018-20	Texas Tech University	Kinesiology – Human Performance Track
Robert Smith	MS	2018-20	Texas Tech University	Kinesiology – Human Performance Track
Bradley Vincent	MS	2018-20	Texas Tech University	Kinesiology – Human Performance Track
John Krzyszkowski	PhD	2019-22	Texas Tech University	Exercise Physiology
Luke Chowning	PhD	2019-22	Texas Tech University	Exercise Physiology
Shaterra Strong	MS	2020-22	Texas Tech University	Kinesiology – Human Performance Track
Shelby Brewer	MS	2020-22	Texas Tech University	Kinesiology – Human Performance Track
Daniel Scherrer	MS	2021-22	Texas Tech University	Kinesiology – Human Performance Track
Cameron McCarthy	MS	2021-	Texas Tech University	Kinesiology – Human Performance Track
Katie Harris	PhD	2021-	Texas Tech University	Exercise Physiology
Ethan Mackey	PhD	2021-22	Texas Tech University	Exercise Physiology
Kayla Sisneros	MS	2022-	Texas Tech University	Kinesiology – Human Performance Track
Anton Simms	MS	2022-	Texas Tech University	Kinesiology – Human Performance Track
Jacob Hamer	MS	2022-	Texas Tech University	Kinesiology – Human Performance Track

PROFESSIONAL SERVICE

Editorial Boards

- *The Journal of Strength and Conditioning Research*, Associate Editorial Board Member; Since 2017
- *Frontiers in Sports and Active Living – Elite Sports & Performance Enhancement,* Editorial Board Member, Since 2020
- *Strength and Conditioning Journal*, Interim Associate Editor, Point/Counterpoint Column; Since 2021

Manuscript Reviews (Ad hoc)

I have consistently reviewed manuscripts for more than 15 academic journals since 2015

University Search Committees

- Kinesiology & Sport Management Junior Faculty Search (Texas Tech University); Fall 2017 & Fall 2019
- Kinesiology & Sport Management Senior Faculty Search (Texas Tech University); Fall 2017

External Scholarship & Grant Review Committees

- American College of Sports Medicine (ACSM) Biomechanics Interest Group (BIG): Graduate Student Summer Research Fellowship Review Committee; 2021

SCHOLARLY AWARDS, FELLOWSHIPS, & HONORS

- The Musculoskeletal Mechanics & Physiology Achievement Award – Musculoskeletal Analysis Laboratory, The University of Memphis. 2014.
- The Melvin A. Humphreys Prize for Student Research – College of Education, Health & Human Sciences, The University of Memphis. 2014. $500.
- Summer Doctoral Research Fellowship – UNLV Graduate College, University of Nevada, Las Vegas, 2017. $7,000.

CURRENT PROFESSIONAL MEMBERSHIPS

- National Strength and Conditioning Association (NSCA), Member since 2012
- American College of Sports Medicine (ACSM), Member since 2014
- American Society of Biomechanics (ASB), Member since 2016

CURRENT PROFESSIONAL CERTIFICATIONS

- Adult CPR & AED – American Red Cross, Certified since 2008
- Certified Strength and Conditioning Specialist (CSCS®) – NSCA, Certified since 2012
- Certified Fitness Specialist – Orange Coast College, Certified in 2009