CURRICULUM VITAE

John R. Harry

3204 Main Street, Lubbock, TX 79409 USA
Office: 806-834-7836 | Cell: 949-285-4806 | Email: john.harry@ttu.edu

SUMMARY

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

Current Faculty Position & Institution:
Assistant Professor (tenure track), Texas Tech University

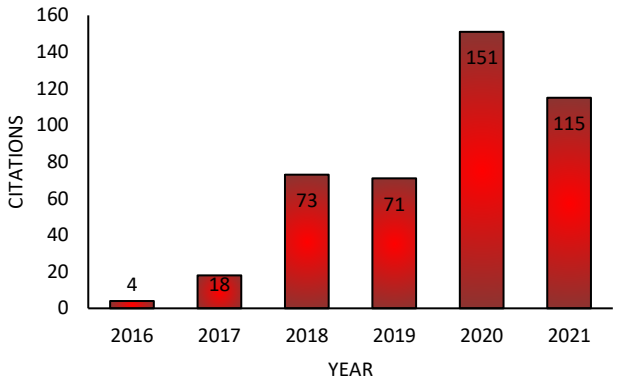
Current Research Role:
Director, Human Performance & Biomechanics Lab

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

Published Research Articles:
39 total
18 lead author
21 corresponding author

Published Abstracts and Presentations:
32 total
9 lead author
7 project mentor

Publication Statistics (Google Scholar):
456 citations (See figure for annual breakdown)
h-index: 12
i10-index: 16



Research Grants and Funding:
$56,788 awarded
$383,811 pending

Online Profiles and Social Media:
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 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 – Present	Assistant Professor (tenure-track), 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)
	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)
	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)
	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)
	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)
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. *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

29. *Baus, J., **Harry, J.R.,** Yang, J (2021). Jump and landing biomechanical variables and methods – A literature review. Critical Reviews in Biomedical Engineering, 48(4): 211-222. 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. *Grozier, C.D., Cagle, G.K., Pantone, L., Rank, K.B., Wilson, S.J., **Harry, J.R.,** Seals, S., Simpson, J.D. Effects of medial longitudinal arch flexibility on propulsion kinetics during drop vertical jumps. Journal of Biomechanics, 118, 110322. Link to Article

32. **Harry, J.R.,** Blinch, J., Barker, L.A., Krzyszkowski, J., Chowning, L. Low Pass Filter Effects on Metrics of Countermovement Vertical Jump Performance. The Journal of Strength and Conditioning Research. In Press. Link to Article

33. *Krzyszkowski, J., Chowning, L., **Harry, J.R.** Phase-specific predictors of countermovement jump performance that distinguish good from poor jumpers. The Journal of Strength & Conditioning Research. In Press. Link to Article

34. Cohen, D.D., Restrepo, A., Richter, C., **Harry, J.R.,** Francho, M.V., Restrepo, C., Poletto, R., Taberner, M. Detraining of specific neuromuscular qualities in elite footballers during COVID-19 quarantine. Science & Medicine in Football. In Press. Link to Article

35. **Harry, J.R.** MATLAB® guide for analyzing countermovement jump strategies and performance over time. Strength and Conditioning Journal. In press. Link to Article

36. *Chowning, L., Krzyszkowski, J., Nunley, B., Lanier, R., Gonzales, I., Calamoneri, T., Duffy, A., **Harry, J.R.** Biomechanical comparison of dominant and non-dominant limbs during leap-landings in contemporary style female dancers. Journal of Dance Science & Medicine. In Press. Link to Article

37. **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. In Press. Link to Article

38. **Harry, J.R.,** Krzyszkowski, J., Chowning, L., Kipp, K. Phase-specific force and time predictors of standing long jump distance. Journal of Applied Biomechanics. In Press. Link to Article

39. Barker, L.A., Bankers, S., Farmer, B., Siedlik, J., **Harry, J.R.,** Grindstaff, T. The influence of verbal cues on drip jump landing strategies in NCAA Division 1 soccer players. The American Journal of Sports Science. In Press. Link to Article

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

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.

Oral & Thematic 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.

RESEARCH GRANTS & FUNDING

Research & Travel 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

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 Amount requested: $3,000

In-Kind Funding

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

Pending Proposals:

Submitted 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

STUDENT RESEARCH MENTORSHIP & ACADEMIC ADVISING

Table 2. List of Culminating Student-Research Projects I Have Chaired or Mentored.

Name	*Degree*	*Years*	*Institution*	*Thesis/Dissertation Research Manuscript Title*
Matthew Gonzalez	MS	2017-18	Texas Tech University	Performance differences among skilled soccer players of different playing positions during the standing long jump and standing long jump landing
Luke Chowning	MS & PhD	2018-	Texas Tech University	[1]Comparison between standard and maximal cushioned shoes during the countermovement vertical jump; [2]TBD
Ryan Lanier	MS	2018-20	Texas Tech University	Focus of attention effects on jump-landing performance
Brandon Nunley	MS	2018-20	Texas Tech University	A mixed modeling approach to evaluating the deadlift training stimulus
Andrew Lathrop	MS	2019-20	Texas Tech University	Effects of heel inclination on back squat mechanics
Daniel Scherrer	BS	2019-	Texas Tech University	Biomechanical assessment of technique during the deadlift exercise
*Fabricio Saucedo	PhD	2019-20	University of Texas at El Paso	Effects of a 6-week controlled whole-body vibration program in reducing falls risk among health older adults
John Krzyszkowski	PhD	2019-	Texas Tech University	TBD
*Ritwik Rakshit	PhD	2019-	Texas Tech University	Development of a muscle fatigue simulation model that can be used in both static and dynamic tasks
*Christian Sanchez	MS	2019-21	University of Texas at El Paso	Effect of ankle braces on frontal plane knee angle and moment while performing specific sports movements
Jacob Hurwitz	MS	2020-	Texas Tech Univesity	TBD
*Kinyata Cooper	PhD	2021-	TTU Health Sciences Center	TBD
*Jason Xu	PhD	2021-	Middlesex University (United Kindom)	TBD
*Patrick Harty	PhD	2021-	Texas Tech University	TBD

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

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	2019-23	Texas Tech University	Exercise Physiology
Luke Chowning	PhD	2019-23	Texas Tech University	Exercise Physiology
Shaterra Strong	MS	2020-22	Texas Tech University	Kinesiology – Human Performance Track
Daniel Scherrer	MS	2021-23	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

Manuscript Reviews (Ad hoc)

- *The Journal of Strength and Conditioning Research*; Since 2015
- *Journal of Applied Biomechanics*; Since 2017
- *Journal of Autism and Developmental Disorders*; Since 2017
- *Journal of Sports Sciences*; Since 2018
- *PLOS One*; Since 2018
- *Sports Medicine*; Since 2018
- *Sports*; Since 2018
- *Medicine & Science in Sports & Exercise*; Since 2018
- *Physical Therapy in Sport*; Since 2019
- *Research Quarterly for Exercise and Sport*; Since 2019
- *Measurement in Physical Education and Exercise Science,* Since 2019
- *Research in Sports Medicine,* Since 2020
- *Sports Health,* Since 2020
- *European Journal of Sport Science,* Since 2020

University Search Committees

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

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