

MU SOPT Faculty Publications (2020-2022)

Year 2022

(Student trainees are underlined, JIF = Journal Impact Factor)

El-Atoum B, **Prather G**, Arden D, Thompson S, Jubelirer S, Badawi M, Meyer A. Association Between Weight Status and Joint Function in Adult and Pediatric Patients with Hemophilia. *Haemophilia*. 2022;28(4):e101-104. (JIF = 4.29)

Haliwa I, Layman H, Coffman J, Snodgrass A, Santer P, Barlett B, Long L, **Mason A**, **Pfost G**, Harden J, Dino G, Jarrett T. Perceptions and Expectations Surrounding School-Based Mindfulness in Appalachia during the COVID-19 Pandemic. *Frontiers in public health*. 2022 Feb 4;10:816494. doi: 10.3389/fpubh.2022.816494. PMID: 35186847; PMCID: PMC8854180. (JIF = 3.02)

Mahdavi M, Farzad M, **Mehta SP**, MacDermid JC, Vahedi M, Hosseini SA, Shafiee E, Farhoud AR. Severity of persistent pain and disability can accurately screen for presence of pain catastrophizing and fear of performing wrist movements in individuals with distal radius fracture. *Musculoskelet Sci Pract*. 2022 Feb;57:102474. doi: 10.1016/j.msksp.2021.102474. PMID: 34773896. (JIF = 2.66)

Mehta SP, Indramohan P, Dobariya V, Securro D, Goebel LJ. Validity and Accuracy of the Tilburg Frailty Indicator Part B for Identification of Frailty in Older Adults Consulting a Rural Geriatric Medicine Clinic. *Can J Aging*. 2022; In Press. (JIF = 1.60)

Liang, H., Kaewmanee, T., & Aruin, A. S. (2022). Older adults can rely on an auditory cue to generate anticipatory postural adjustments prior to an external perturbation. *Experimental brain research*, 240(4), 1279-1292. PMID: 35218409. (JIF = 2.19)

Kaewmanee, T., **Liang, H.**, Madrid, K. C., & Aruin, A. S. (2022). Older adults utilize less efficient postural adaptations when they are uncertain about the magnitude of a perturbation. *Human Movement Science*, 85, 102996. PMID: 36049269. (JIF = 2.50)

Kaewmanee, T., **Liang, H.**, Cruz Madrid, K., & Aruin, A. S. (2022). The effect of the predictability of perturbation magnitudes in older adults with mild cognitive impairment. *Aging Clinical and Experimental Research*, 1-9. PMID: 36038812. (JIF = 4.20)

Ademiluyi, A., **Liang, H.**, & Aruin, A. S. (2022). Role of angular position of the seat in control of posture in response to external perturbation. *Experimental brain research*, 240(2), 481-490. PMID: 34800142. (JIF = 2.19)

Kaewmanee, T., **Liang, H.**, & Aruin, A. S. (2022). The Effect of Predictability of the Perturbation Magnitude on Anticipatory and Compensatory Postural Adjustments during a Bimanual Load-Lifting Task. *Journal of Motor Behavior*, 54(5), 567-576. PMID: 34986736. (JIF = 1.33)

Beaudry MF, Beaudry AG, Bradley JP, **Davis S**, Baker BA, Holland G, Jacobson BR, Chetlin RD. Retrospective Analysis of Ulnar Collateral Ligament Reconstructions in Major League Baseball Pitchers: A Comparison of the "Tall and Fall" Versus "Drop and Drive" Pitching Styles. *Orthop J Sports Med*. 2022 Oct 12;10(10):23259671221128041.

doi: 10.1177/23259671221128041. PMID: 36250033; PMCID: PMC9561669. (JIF = 2.54)

Lambert M, Mehta S, Nelson S, Northup J, Sowers K. Development of Professional Competencies through Service Learning: An Exploratory Study. *Crit Rev Phys Reh Med.* 2022;34(3):31-40. DOI: 10.1615/CritRevPhysRehabilMed.2022044494. (JIF = NA)

Hoang, T., Watkins, M., Bayliss, J., Schack-Dugre, J., Mitchell, K., Mariano, M., Greco, J., Colgrove, Y., Wheeler, E., Kiyota, H., Pientok, C., **Stephens, L.**, McCarthy, C., Canham, L., McBride, G., Gleeson, P. Impact of Pre-admission Observation Hours on Key Physical Therapist Clinical Education Stakeholders: Qualitative Analysis, *Journal of Physical Therapy Education*: June 2022 - Volume 36 - Issue 2 - p 107-114. doi: 10.1097/JTE.0000000000000219. (JIF = NA)

Year 2021

Mehta SP, Kendall KM, Reasor CM. Virtual assessments of knee and wrist joint range motion have comparable reliability with face-to-face assessments. *Musculoskeletal Care.* 2021; 19(2):208-216. doi:10.1002/msc.1525. (JIF = 1.48)

Ziebart C, **Mehta SP**, & MacDermid JC. Measurement Properties of Outcome Measures Used to Assess Physical Impairments in Patients After Distal Radius Fracture: A Systematic Review. *Physical Therapy.* 2021; 101(6), pzab080. (JIF = 3.00)

Mehta SP, Bremer H, Cyrus H, Milligan A, Oliashirazi, A. Smartphone Goniometer has Excellent Reliability Between Novice and Experienced Physical Therapists in Assessing Knee Range of Motion. *J Bodyw Mov Ther.* 2021; 25:67-74. (JIF = 1.34)

Kaewmanee, T, Liang, H & Aruin, AS. The role of predictability of the magnitude of a perturbation in control of vertical posture when catching an object. *Human Movement Science.* 2021 Dec; 80: 102890. PMID: 34749197. (JIF = 2.16)

Farzad M, MacDermid JC, **Mehta S**, Grewal R, Shafiee E. Early post-immobilization pain at rest, movement evoked pain, and their ratio as potential predictors of pain and disability at six- and 12-months after distal radius fracture. *Arch Physiother.* 2021;11(1):6. Published 2021 Mar 1. doi:10.1186/s40945-021-00101-6. (JIF = NA)

Pai SV, Eapen C, Prabhakar AJ, **Mehta S**. Relationship between Hip Muscle Strength and Disability in Patients with Nonspecific Low-Back Pain: A Cross-Sectional Study. *Crit Rev Phys Rehabil Med.* 2021;33(3). (JIF = NA)

Year 2020

Liang, H (Virginia), Henderson, G, & Wu, J. Neuromuscular response to a single session of whole-body vibration in children with cerebral palsy: A pilot study. *Clinical Biomechanics* (Bristol, Avon). 2020; Dec, 80:105170. PMID: 32920250. (JIF = 2.02)

Kaewmanee, T, **Liang, H** & Aruin, AS. Effect of predictability of the magnitude of a perturbation on anticipatory and compensatory postural adjustments. *Experimental Brain Research*. 2020; 238, 2207–2219. (JIF = 2.17)

Liang H, Kaewmanee T, & Aruin AS. The role of an auditory cue in generating anticipatory postural adjustments in response to an external perturbation. *Exp Brain Res*. 2020; 238(3):631-641. (JIF = 2.17)

Henderson G, Beerse M, **Liang H**, Ferreira D, & Wu J. Improvement in Overground Walking After Treadmill-Based Gait Training in a Child With Agenesis of the Corpus Callosum. *Phys Ther*. 2020 Jan 23; 100(1):157-167. (JIF = 3.00)

Alwadani FA, **Liang H**, & Aruin AS. Effects of Ankle Angular Position and Standing Surface on Postural Control of Upright Stance. *Motor Control*. 2020 Jan 23; 1-13. (JIF = 1.31)

Ferreira DM, **Liang H**, & Wu J. Knee joint kinematics of the pendulum test in children with and without Down syndrome. *Gait Posture*. 2020; 76:311-7. (JIF = 2.16)

Mehta SP, Rigney A, Webb K, Wesney J, Stratford PW, Shuler FD, Oliashirazi A. Characterizing the Recovery Trajectories of Knee Range of Motion for One Year after Total Knee replacement. *Physiother Theory Pract*. 2020; 36(1):125-127. (JIF = 1.56)

Mehta SP, Jobes J, Parsemain C, Lu S, Kelley K, Oliashirazi A. Rasch Analysis for the Knee Injury and Osteoarthritis Outcome Score Joint Replacement Version in Individuals Awaiting Total Knee Replacement Surgery. *J Knee Surg*. 2022 Jan;35(2):150-158. doi: 10.1055/s-0040-1713812. Epub 2020 Jul 8. PMID: 32643782. (JIF = 1.00)

Mehta SP, Weinstock-Zlotnick G, Akland KL, Hanna MM, Workman KJ. Using Carpal Tunnel Questionnaire in Clinical Practice: A Systematic Review of Its Measurement Properties. *J Hand Ther*. 2020; 33(4):493-506. (JIF = 1.00)