

## **MU SOPT Faculty Presentations at Professional Meetings/Conferences**

### **Year 2023 (Upcoming!)**

(Student trainees are underlined)

**Bose S.** From Crib to College: Interpreting Pediatric Vital Signs by Condition and Practice Setting. To be presented at the APTA Combined Sections Meeting; San Diego, CA; February 23-25, 2023. (Podium Presentation)

Timko M, Spoto M, Schneider M, **Profitt B.** The Primary Spine Practitioner. To be presented at the APTA Combined Sections Meeting; San Diego, CA; February 23-25, 2023. (Podium Presentation)

Mehta SP, **Bose S**, Pennington A, Sloan A. Measurement Properties of the Carpal Tunnel Questionnaire in Patients who Undergo Carpal Tunnel Release Surgery. To be presented at the APTA Combined Sections Meeting; San Diego, CA; February 23-25, 2023. (Poster Presentation)

**Dauber J**, Chapman J, Dotson R, Seaman E. Ultrasonic Knee Cartilage Thickness Measurement Reliability When Performed by Student Physical Therapists. To be presented at the APTA Combined Sections Meeting; San Diego, CA; February 23-25, 2023. (Poster Presentation)

**Lambert M**, Mehta SP, Abraham N, Lemasters A, Tarr P. Utilizing the Societal Outreach Scale to Assess the Development of Professional Competencies through Service Learning. To be presented at the APTA Combined Sections Meeting; San Diego, CA; February 23-25, 2023. (Poster Presentation)

**Lambert M**, Bliss R, Bridges J, Johnson K. Changes in DPT Student Professional Behaviors during COVID: Mixed Methods Analysis of a National Survey. To be presented at the APTA Combined Sections Meeting; San Diego, CA; February 23-25, 2023. (Poster Presentation)

Bolen K, Plank J, James H, **Chiu Y-P**. Relationship between Non-Cognitive Traits and First-Year Doctor of Physical Therapy Academic Performance. To be presented at the APTA Combined Sections Meeting; San Diego, CA; February 23-25, 2023. (Poster Presentation)

**Davis DS**, Akers M, Scott T, Walls K. Comparison of Dry Needling and Dry Needling with Electrotherapy in Individuals with Low Back Pain. To be presented at the APTA Combined Sections Meeting; San Diego, CA; February 23-25, 2023. (Poster Presentation)

### **Year 2022**

**Chiu Y-P**, Herron A, Slone C, Hawthorne L. Predicting Basic Science Course Performance and First-Year Success in a Public Physical Therapist Program. APTA Combined Sections Meeting; San Antonio, TX; February 2-5, 2022. (Poster Presentation)

Harper B, Siyufy A, Huth H, **Chiu Y-P**, Aron A. National Physical Therapy Examination Success Predictors in Doctor of Physical Therapy Applicants. APTA Combined Sections Meeting; San Antonio, TX; February 2-5, 2022. (Poster Presentation)

Bailey LC, Greider MY, Wolfe T, **Dauber JA**. Inter/Intra-tester Reliability of Tendon Thickness Assessment by a Physical Therapy Student Using Ultrasound Imaging. APTA Combined Sections Meeting; San Antonio, TX; February 2-5, 2022. (Poster Presentation)

**Lambert M**, **Mehta S**, Sowers K, Nelson S, Northup J. Development of Professional Competencies through Service Learning: An Exploratory Study. APTA Combined Sections Meeting; San Antonio, TX; February 2-5, 2022. (Poster Presentation)

**Stephens L**, **Pfost G**. Student motivation for leadership opportunities: a pilot study. APTA Combined Sections Meeting; San Antonio, TX; February 2-5, 2022. (Poster Presentation)

**Mehta SP**, **Stephens L**, Forren FB, Friedman L, Baker, R. Short Physical Performance Battery Accurately Identified Fallers While Screening Fall-Risk in Community Dwelling Older Adults. APTA Combined Sections Meeting; San Antonio, TX; February 2-5, 2022. (Poster Presentation)

Kennedy AP, Meadows SA, **Mehta SP**, Lu Z, Kelley KW, Oliashirazi A, Bullock M. Rasch Analysis of Hip Disability and Osteoarthritis Outcome Score (Joint Replacement) in Advanced Hip Osteoarthritis. APTA Combined Sections Meeting; San Antonio, TX; February 2-5, 2022. (Poster Presentation)

Collier PA, West KM, Workman MC, **Mehta SP**. Reliability and Acceptability of Short Physical Function Tests Scores Obtained Via Virtual Versus Face-to-Face Assessments. APTA Combined Sections Meeting; San Antonio, TX; February 2-5, 2022. (Poster Presentation)

**Mehta SP**, **Stephens L**, Forren FB, Friedman L, Baker, R. Short Physical Performance Battery Accurately Identified Fallers While Screening Fall-Risk in Community Dwelling Older Adults. APTA Combined Sections Meeting; San Antonio, TX; February 2-5, 2022. (Poster Presentation)

Liu J, **Chiu Y-P**. Effect of Perturbation Training in Virtual Reality Environment on Human Postural Stability. Annual International Occupational Ergonomics and Safety Conference (Virtual); September 2022 (Poster Presentation)

**Mason A**. Role of WV Board of Physical Therapy. APTA-WV Annual Conference; Wheeling, WV; September 24-25, 2022. (Invited Presentation)

Akers M, Scott T, Walls K, **Davis DS**. Comparison of Dry Needling and Dry Needling with Electrotherapy in Individuals with Low Back Pain. APTA-WV Annual Conference; Wheeling, WV; September 24-25, 2022. (Platform Presentation)

**Prather G**, **Stephens L**, Bills A, Stewart J & Krum R. Leadership Practices Among Physical Therapy Students Participating in a Leadership Development Program. APTA-WV Annual Conference; Wheeling, WV; September 24-25, 2022. (Poster Presentation)

**Stephens L, Brown M, Portillo G, Wolfe J, Thompson K, McConnauey H, Thomas, M.** Functional Gains in a Student-Led Pro Bono Clinic: A Case Study of Chronic CVA. APTA-WV Annual Conference; Wheeling, WV; September 24-25, 2022. (Poster Presentation)

**Johnson K, Bowyer C, Parks E, Liang H.** Effects of Unilateral Loading on Gait Parameters in Healthy Young Adults. APTA-WV Annual Conference; Wheeling, WV; September 24-25, 2022. (Poster Presentation)

**Chiu Y-P, Herron A, Slone C, Hawthorne L.** Role of Non-Cognitive Traits in Early DPT Education. APTA Education Leadership Conference; Milwaukee, WI; October 28-30 2022. (Poster Presentation)

**Stephens L, Lambert M.** Skill and behavior development within pro bono service: a qualitative report. APTA Education Leadership Conference; Milwaukee, WI; October 28-30, 2022. (Poster Presentation)

### Year 2021

**Chiu Y-P, Adkins JP, Kelly MC, Spurrier TM.** Modulation of Handwriting in People with Parkinson's Disease. APTA Combined Sections Meeting, Virtual conference, February 2021. (Poster Presentation)

**Kendall KM, Reasor CM, Mehta SP.** Inter- and Intrarater Reliability of Virtual Assessment of Wrist Range of Motion. APTA Combined Sections Meeting, Virtual conference, February 2021. (Poster Presentation)

**Whitwer CG, Khaled MK, Walls, AD, Mehta SP.** A Systematic Review of the Measurement Properties of the Community Balance and Mobility Scale. APTA Combined Sections Meeting, Virtual conference, February 2021. (Poster Presentation)

**Blocksom, Hite KM, Kendall KM, Mehta SP.** Changes in Wrist Position Sense from Fatigue in Healthy Adults and Carpal Tunnel Syndrome. APTA Combined Sections Meeting, Virtual conference, February 2021. (Poster Presentation)

**Klink SL, Reasor CM, Ward HJ, Kelley KW, Oliashirazi A, Mehta S.** The Chair-stand Test Accurately Discriminated Frailty Level in Individuals Awaiting Total Knee Replacement Surgery. APTA Combined Sections Meeting, Virtual conference, February 2021. (Poster Presentation)

**El-Atoum B, Mitacek R, Thompson S, Arden D, Pfost G, Jubelirer S, Badawi M & Meyer A.** A Pilot Study Examining the Relationship between Weight Status and Joint Function in Patients with hemophilia. Mid-Atlantic Region III Hemophilia Treatment Centers Annual Meeting; Alexandria, VA; March 2021. (Platform Presentation)

**Green A, Green A, Pinardo A, Davis DS.** The Effects of Electrical Nerve Stimulation on Pressure Pain Threshold and Muscle Endurance of the Spine in Healthy Adults. West Virginia Physical Therapy Association Annual Meeting; Roanoke, WV; April 2021. (Platform Presentation)

**Mason AN, Chiu Y-P, Jarrett T, Pfost GR.** Public Elementary School Educators in Areas of Appalachia Impacted by the Opioid Epidemic: Perspectives, Classroom

Experiences, and Current Practices of Mindfulness. West Virginia Physical Therapy Association Annual Meeting; Roanoke, WV; April 2021. (Poster Presentation)

**Pfost, G, Stephens, L.** A Pilot Phenomenological Investigation of Doctoral Student Physical Therapists' Perceptions of Leadership. West Virginia Physical Therapy Association Annual Meeting; Roanoke, WV; April 2021. (Poster Presentation)

**Profitt, B.** Cervical Spine Orthopedic Manual Therapy: Enhancing the Standard of Care. West Virginia Physical Therapy Association Annual Meeting; Roanoke, WV; April 2021. (Poster Presentation)

**Stephens, L, Pfost, G.** Student Motivation for Leadership Opportunities: A Pilot Study. West Virginia Physical Therapy Association Annual Meeting; Roanoke, WV; April 2021. (Poster Presentation)

**Stephens L, Mehta S, Whitwer C, Khaled M, Walls A.** A systematic review of the measurement properties of the Community Balance and Mobility Scale. West Virginia Physical Therapy Association Annual Meeting; Roanoke, WV; April 2021. (Poster Presentation)

El-Atoum B, Mitacek R, Thompson S, Arden D, **Pfost G**, Jubelirer S, Badawi M & Meyer A. A Pilot Study Examining the Relationship between Weight Status and Joint Function in Patients with hemophilia. ASPHO (American Society of Pediatric Hematology and Oncology) Conference; Portland, OR; April 2021. (Poster Presentation)

**Liang H, Kaewmanee T, & Aruin AS.** Older Adults Could Generate Anticipatory Postural Adjustments Relying on an Auditory Cue Only. The 54rd North American Society for the Psychology of Sport and Physical Activity annual meeting, Virtual conference, June 2021. (Podium Presentation)

**Liang H, Kaewmanee T, & Aruin AS.** Auditory Cues can Elicit Anticipatory Adjustments for Posterior Perturbations after Short Training. The 45th American Society of Biomechanics annual meeting, Virtual conference, August 2021. (Podium Presentation)

**Liang H, Kaewmanee T, & Aruin AS.** Role of Auditory Cues on Anticipatory Adjustments to Perturbations Might be Directional Specific. The 45th American Society of Biomechanics annual meeting, Virtual conference, August 2021. (Poster Presentation)

Weinstock-Zlotnik G, **Mehta SP.** Distal Radius Fractures: A Closer Look at the Diagnosis Specific Measurement Properties of Patient Reported Outcome Measures. Annual Meeting of the American Society of Hand Therapists; St. Louis, MO; October 2021. (Poster Presentation)

**Mason AN,** Neidermeyer C, Ball M, McCutcheon A, Martin M, Peek SE. Assessing barriers to participation in regular physical activity in adolescent patients with cystic fibrosis who reside in Appalachia. Academy of Pediatric Physical Therapy Annual Conference, Virtual conference, November 2021. (Poster Presentation)

[Year 2020](#)

**Lambert M**, Bliss R. Reflection in Clinical Education: Exploring Continued Student Ability Following Didactic Reflective Intervention. APTA Combined Sections Meeting, Denver, CO, February 2020. (Poster Presentation)

Adkins S, Herron A, Robinson KN, Sloan A, **Mehta SP**. Impact of Wrist Fatigue on the Active Joint Position Sense in Patient with Wrist Conditions. APTA Combined Sections Meeting, Denver, CO, February 2020. (Poster Presentation)

**Mehta SP**, Indramohan P, Johnson K, Aimeri A, Singh M, Goebel L. Tilburg Frailty Indicator Has Good Concurrent and Discriminant Validity in Elderly Patients Attending Geriatric Clinic. APTA Combined Sections Meeting, Denver, CO, February 2020. (Poster Presentation)

**Dauber JA**, Chang D, Doh CH, Muellerleile P. Patient Awareness of Physical Therapist Doctoral Title Changes Patient Intent to Adhere to a Treatment Plan: A Double-Blind, Randomized Controlled Pilot Study. West Virginia Physical Therapy Association Annual Meeting, Virtual conference, April 2020. (Platform and Poster Presentation)

**Profitt, B**. Impact of Anterior Head Weight Training on the Endurance of Deep Neck Flexor Muscles: An Observational Cohort Study in Healthy Adults. West Virginia Physical Therapy Association Annual Meeting, Virtual conference, April 2020. (Platform and Poster Presentation)

**Profitt, B**. Detecting Minimal Detectable Change for Deep Neck Flexor Endurance Test. West Virginia Physical Therapy Association Annual Meeting, Virtual conference, April 2020. (Platform Presentation)

**Lambert M**. Health Literacy in Physical Therapy Students: Exploring Changes in Self-Efficacy Following an Active Learning Strategy. West Virginia Physical Therapy Association Annual Meeting, Virtual conference, April 2020. (Poster Presentation)

**Stephens L**, **Mehta S**, Haer B, Broussard B, Narum J. Fall risk screening in community dwelling older adults. West Virginia Physical Therapy Association Annual Meeting, Virtual conference, April 2020. (Poster Presentation)

**Liang, H**, Henderson, G, & Wu, J. Neuromuscular response to a single session of whole-body vibration in children with cerebral palsy. The 53rd North American Society for the Psychology of Sport and Physical Activity annual meeting, Virtual conference, June 2020. (Poster Presentation)

**Liang H**, Kaewmanee T, & Aruin AS. Older adults retain the ability to predict external perturbations using auditory cues only. The 44th American Society of Biomechanics annual meeting, Virtual conference, August 2020. (Poster Presentation)

**Liang H**, Kaewmanee T, & Aruin AS. Young adults can learn to predict unexpected posterior perturbations using an auditory cue. The 44th American Society of Biomechanics annual meeting, Virtual conference, August 2020. (Poster Presentation)

**Mason AM**, **Chiu Y-P**, **Pfost GR**. A Public-School Based Yoga and Mindfulness Program to Build Resilience for Elementary Children Living in Appalachia. American Congress of Rehabilitation Medicine Annual Conference, Virtual conference, October 2020. (Poster Presentation)

Wen P-S, Mitzer TL, **Chiu Y-P**, **Mason AN**, **Pfost GR**. Novel Mindfulness Exercise Approaches for Rehabilitation in Community. American Congress of Rehabilitation Medicine Annual Conference, Virtual conference, October 2020. (Poster Presentation)

**Chiu Y-P**, Adkins JP, Kelly MC, Spurrier TM. Proprioception in People with Parkinson's Disease. American Congress of Rehabilitation Medicine Annual Conference, Virtual conference, October 2020. (Poster Presentation)