On-Demand Presentations

Accepted Abstracts

- **Effects of Lower Extremity Stretching on Motor Output and Locomotion in Individuals with SCI**
  Authors: Louis Anthony DeMark, PT, DPT, Christy Conroy, PT, Kelly Hawkins, PT, DPT, Hannah Snyder, ACSM-EP, Clayton Wauneka, PhD, David Magnuson, PhD and Emily Jane Fox, PT, DPT, PhD

- **Blood Flow Restriction: A Case Study of a Recreational Weight-Lifter with Subacromial Shoulder Pain**
  Authors: Matthew Scott Miller, PT, DPT, Giorgio Zeppieri, PT, and Federico Pozzi, PT, PhD

**Poster Presentation – Neurology/Stroke SIG**

- **Gains in Dynamic Balance and Gait Ability Following Backward Walking Training Post-Stroke**
  Authors: Dorian Kay Rose, PT, PhD, Louis DeMark, DPT, NCS, Brooke Hoisington, DPT, and Joanna Bayliss, DPT, NCS

- **The Relationship between Social Health-Related Quality of Life and Community Ambulation Post-Stroke**
  Authors: Kanika Bansal, PT, MPT, Michael Monaldi, MS, Kay Waid-Ebbs, PhD, David Clark, Emily Jane Fox, PT, DPT, PhD, and Dorian Kay Rose, PT, PhD

**Poster Presentation – Orthopedic Session**

- **Individual Clinical Practice Self-Reflection Using Electronic Outcomes Data: Turning Past Failures into Future Successes**
  Authors: Michael Brian Hagist, PT, MPT, and Jason M. Beneciuk, PT, DPT, MPH, PhD

**Platform Presentation – NE9323 – Neurology Platform 3A – Balance and Vestibular Disorders**

- **Single Session Prefrontal Tdcs Enhances Retention of Practice-Related Gains in Walking Performance in Older Adults**
Authors: Sudeshna A. Chatterjee, PT, PhD, Rachael Seidler, PhD, Jared Skinner, PhD, Paige Lysne, Chanoan Sumonthee, Samuel Wu, PhD, Ronald Cohen, PhD, Dorian Kay Rose, PT, PhD, Adam Woods, PhD and David Clark, ScD

Presenter: Sudeshna A. Chatterjee, PT, PhD

**Platform Presentation – Neurology Platform 1B – Stroke**

- **Validation of Speed-Based Classification of Community Ambulation Post-Stroke: GPS Uncovers Real-World Performance.**

Authors: Kanika Bansal, PT, MPT, Michael Monaldi, MS, David Clark, Emily Jane Fox, PT, DPT, PhD, and Dorian Kay Rose, PT, PhD

**Poster Presentation - Health Policy and Administration Poster Session**

- **The Development of an Interprofessional Student Service Corps in Response to the COVID-19 Pandemic**

Authors: Ellen Waidner, SPT, Cynthia Guerin, MS4, Lauren Lautenslager, MS4, Kartik Motwani, MD-PhD/GS4, Olgert Bardhi, MS3, Lauren Aycock, MS3/MPH1, Esther Blondeau-Lecomte, MS2, Daniel Valladares, MS2, Preya Patel, Andrew Brinsko, PA-S, Valentina Osorio, OTS and Yumiko Nakamura, MS4/MPH2

**Session – SP-6698**

- **Putting the I in TEAM: Interdisciplinary Approach to Running Medicine**

Authors: Josh Adam Barabas, PT, MPT, Scott Greenberg, PT, DPT, Kevin Vincent, M.D., Ph.D., FACSM, CAQSM and Ali Wayner, Assistant Coach, Women's Cross Country/Track and Field

**Wednesday, Feb. 3**

**7:30 – 8 p.m.**

- **SP-6711 Autoregulators! Mount Up! Utilizing Intensity in Rehab**

Proposal: Josh Adam Barabas, PT, MPT, Quinn Michael Henoch, PT, DPT and Jason Mills Eure, PT

**Monday, Feb. 8**

**7 – 7:30 p.m.**

**Q&A Session: Platform Presentations – Orthopedics Platform 1B: Spine/Shoulder**

- Effect of Exercise on Clinical Pain Intensity and Quantitative Pain Sensitivity in Rotator Cuff Tear

Authors: Federico Pozzi, PT, PhD, Chase Bauer, PT, DPT, Amy K. Hegarty, Hillary Plummer, Mark Donald Bishop, PT, PhD, FAPTA, and Lori Michener, PT, ATC, PhD, FAPTA

- Reliability and Validity of the Shoulder Performance Activity Test
Authors: Catarina Oliveira Sousa, PT, Federico Pozzi, PT, PhD, José Diego Sales do Nascimento, PT, MSc, Joseph Rahmon Kardouni, PT, PhD, and Lori Michener, PT, ATC, PhD, FAPTA

9 – 9:30 p.m.

Orthopaedics Platform 2B: Spine/Lumbar

Moderator: Jason M. Beneciuk, PT, DPT, MPH, PhD

➢ Lower pain sensitivity and higher physical performance contribute to low risk Start Back Tool classification.

Authors: Katie Ann Butera, PT, Emily Jane Fox, PT, DPT, PhD, Mark Donald Bishop, PT, PhD, FAPTA, Steve Coombes, PhD, Jason M. Beneciuk, PT, DPT, MPH, PhD, and Steven Z. George, PT, PhD, FAPTA

➢ Preliminary Validity of the Newly Developed Keele Start MSK Tool: A Cross-Sectional Analysis

Authors: Jason M. Beneciuk, PT, DPT, MPH, PhD, Lori Michener, PT, ATC, PhD, FAPTA, Erica Laura Sigman, PT, DPT, Trent Charles Harrison, PT, Katherine Buzzanca, Jonathan C. Hill, and Kate M. Dunn

Monday, Feb. 15

7 – 8:30 p.m.

21st Century Pain Education: Implementing Recommended Core Competencies Into Physical Therapist Education

Proposal: Shana Erin Harrington, PT, PhD, Meryl Alappattu, DPT, PhD, Marie Hoeger Bement, PT, PhD, Craig Andrew Wassinger, PT, PhD, Kathleen Anne Sluka, PT, PhD, FAPTA and Kory J. Zimney, PT, DPT, PhD

8:30 – 9 p.m.

Q&A Session: OR-6771

➢ Optimizing the Therapeutic Alliance Through Motivational Interviewing and Patient-Reported Outcome Measures: Patient-Centered Physical Therapy

Authors: Jason M. Beneciuk, PT, DPT, MPH, PhD, Julie M. Fritz, PT, PhD, FAPTA, Stephen Michael Kareha, PT, DPT, ATC, PhD, Rett Holmes, PT, DPT and Faris A. Alodaibi

9 – 9:30 p.m.

Q&A Session: Orthopedics Platform 4A: Pain

➢ Pain Sensitivity Profiles in Older Adults

Authors: Abigail Wilson, PT, Julio Peraza-Goicolea, Soamy Montesino-Goicolea, Pedro Valdés-Hernández, Jessie Somerville, Joel Eric Bialosky, PT, PhD, and Yenisel Cruz-Almeida, MSPH, PhD

➢ Patient Reported Psychological Distress in Musculoskeletal Pain Populations: Short Form Development Using Item Response Theory

Authors: Trevor A. Lentz, PT, PhD, Michael Kallen, PhD, Daniel Deutscher, PT, PhD and Steven Z. George, PT, PhD, FAPTA
**Wednesday, Feb. 17**

8 – 8:30 p.m.

**Q&A Session: Science Meets Practice Session 9: Rehabilitation and Performance Optimization of the Overhead Athlete and Beyond**

- Association between Preseason Clinical Measures and in-Season Injuries in Collegiate Softball Players

Authors: **Giorgio Zeppieri, PT**, Michelle L Bruner, Katie M Davis, Michael W. Moser, MD, Kevin W Farmer, Wei Xue, Sijia Yue, and **Federico Pozzi, PT, PhD**.

**Science Meets Practice Session 8: Kinetic Chain Influences on Shoulder Function, Performance, and Injury Prevention**

- Musculoskeletal Injuries in College Baseball Pitchers: The Role of Preseason Strength and Range of Motion

Authors: **Giorgio Zeppieri, PT**, Michelle L Bruner, Michael W. Moser, MD, Kevin W Farmer, and **Federico Pozzi, PT, PhD**

**Monday, Feb. 22**

8 – 8:30 p.m.

**Q&A Session: OR-6065**

- The Power of Hands-On: Maximizing the Effects of Manual Therapy

Proposal: Carol Ann Courtney, PT, ATC, PhD, **Joel Eric Bialosky, PT, PhD**, and Timothy Flynn, PT, PhD, FAPTA

**Friday, Feb. 26**

7 – 7:30 p.m.

**APTASA General Membership Meeting – Student Discussion**

- Physical Therapy Student Advocacy

Speaker: **Alyse Hausman, SPT**