



APTA **Combined  
Sections Meeting**  
Feb. 1-28, 2021



## Department of Physical Therapy & Rehabilitation Science PhD Program

\*After the air date, live content recordings will be available on the [On-Demand Content webpage](#)

\*\* All digital poster presentations can be found by area of focus on the [Posters webpage](#)

### 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 Aycocock, 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 Henoach, 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**