



Department of Physical Therapy & Rehabilitation Science PhD Program

Thursday, January 24:

8 a.m. – 10 a.m.

Educational Session: Section on Research

- The Dark Side of Pubmed: Predatory Publishing

Speakers: **Pozzi F**, Cook C, Tilson J, Michener L

Platform Presentation - Section on Health Policy and Administration Platform Presentation 1

- Functional Recovery of Patients With Full Thickness Rotator Cuff Tears Discharged From Physical Therapy

AUTHORS: **Pozzi F**, Plummer HA, Sum JC, McNeill BT, Chow K, Winstein CJ, Michener LA

Presenter: **Federico Pozzi, PT, MA, PhD**

11 a.m. – 1 p.m.

Platform Presentation – Academy of Orthopaedic Physical Therapy Platform Presentations 2

- Changes in Clinician Attitudes, Beliefs, and Confidence About Low Back Pain Management: Results From TARGET Trial Psychologically Informed Physical Therapy Training Course

Presenter: **Jason Beneciuk, PT, MPH, PhD**

1 – 3 p.m.

Poster Presentations – Orthopaedics: Shoulder

- Closed chain exercises of the upper extremity elicit greater activation of shoulder and trunk muscles - 1342

AUTHORS: **Pozzi F**, Plummer HA, Sanchez N, Lee Y, Michener LA

Presenter: **Federico Pozzi, PT, MA, PhD**

Poster Presentation – Neurology: Stroke

- Backward Walking Training for Individuals with Chronic Stroke - 1229

AUTHORS: Brunetti G, DeMark L, Bayliss J, Blunt K, Fulcher C, **Fox EJ**, Clark DJ, **Rose DK**

Presenter: Gina Brunetti

Poster Presentation – Orthopaedics: Spine

- Integrating Mid-Thoracic Spine Thrust Manipulation into Physical Therapy Management for Individuals Status-Post Cervical Fusion: Preliminary Efficacy Findings - 1319

AUTHORS: Nata Salvatori; Christina Harder; Fernando Malaman; Sara Brennan; Tava Buck; **Joel Bialosky; Jason Beneciuk**

Presenter: Nata Salvatori

- Psychologically Informed Practice for Physical Therapy Management of Patients with Low Back Pain: Preliminary Outcomes of a System Wide Quality Improvement Initiative – 1301

AUTHORS: **Jason Beneciuk**; Joshua Christopherson; Carol Greco

Presenter: **Jason Beneciuk**

Poster Presentation – Neurology: Stroke SIG

- Is Faster Really Better? Implications of Fastest Comfortable Speed on Gait Asymmetry Post-Stroke – 1228

AUTHORS: **Bansal K**, Freeborn PA, Conroy C, **Fox EJ**, Clark DJ, **Rose DK**

Presenter: **Kanika Bansal**

3 – 5 p.m.

Academy of Acute Care Physical Therapy Platform Presentations 1

- Research Excellence in Clinical Practice

Moderator: **Barbara Smith, PT, PhD**

Platform Presentation – Academy of Orthopaedic Physical Therapy Platform Presentations 3

- A Pilot Study of Patient Defined Outcomes for Seeking Additional Health Care After an Episode of Physical Therapy

AUTHORS: Giorgio Zeppieri; **Joel Bialosky**; Steven George

Presenter: Giorgio Zeppieri, PT

- Patient-Centered Outcomes: Domain Importance Predicts Health Care Utilization Following Physical Therapy

AUTHORS: Trevor Lentz; Giorgio Zeppieri; **Joel Bialosky**; Steven George

Presenter: Trevor Lentz

The Department of Physical Therapy

Alumni & Friends Reception

THURSDAY, JANUARY 24 6:30-8:30 PM

Marriott Marquis Washington, DC Marquis Salon 2

Friday, January 25

8 – 10 a.m.

Educational Session: Academy of Acute Care PT

- Acute Care Research: Grant Opportunities and Writing Tips

Speakers: Ellen Costello, Joshua Johnson, Michael Lebec, Patricia Ohtake, **Barbara Smith**, Danny Young

11 a.m. – 1 p.m.

Platform Presentation: Academy of Neurologic Physical Therapy Platform Presentations 2

- Prefrontal Activity During Walking Post-Stroke: Insights From The CRUNCH Framework.

AUTHORS: **Chatterjee SA, Fox EJ, Rose DK**, Daly J, Christou E, **Hawkins KA**, McGuirk T, **Butera KA**, Otzel DM, Skinner J, Clark DJ.

Presenter: **Sudeshna Chatterjee, PT, PhD**

Platform Presentation: Academy of Neurologic Physical Therapy Platform Presentation 2

- Backward Walking Training Improves Forward Gait Speed and Balance Confidence Post-Stroke.

AUTHORS: **Rose DK**, DeMark L, Vistamehr A, Conroy C, Freeborn PA, **Fox EJ**, Clark DJ.

Presenter: **Dorian Rose, PT, PhD**

Section on Women's Health Platform Presentations

- Moderator: **Meryl Alappattu, PT, DPT, PhD**

1 – 3 p.m.

Poster Presentation – Neurology: General

- Chronic Headache Self-Efficacy Scale (CHASE): Preliminary Assessment of Measurement Properties - 2050

AUTHORS: Lamothe MA, Hankard J, Sigman E, Ginoza L, Michener LA, **Pozzi F**

Presenter: Meghan Lamothe

- Virtual reality/active video gaming use and learning needs among physical and occupational therapists practicing in the US - 2028

AUTHORS: Levac D, Glegg SM, **Fox EJ**, Pradhan S, Espy D, Deutsch JE

Presenter: Danielle Levac

Poster Presentation: Neurology – SCI SIG

- Diaphragm pacing and respiratory outcomes in a patient with cervical spinal cord injury - 2066

AUTHORS: Freeborn PA, Cavka K, D'Alessandro A, Tonuzi G, Millron KG, Faison T, **Fuller D, Martin D, Fox EJ**

Presenter: Paul Freeborn

APTA Academy of Neurologic PT Post Professional Student Research Award

Presented to:

Kanika Bansal

Marriott Marquis Salon 6

FRIDAY, JANUARY 25 AT 6 PM

Saturday, January 26

8 – 10 a.m.

Platform Presentation: Academy of Orthopaedic Physical Therapy Platform Presentations 6

- Patient-Defined Outcomes Differ by Age for Individuals with Musculoskeletal Pain

AUTHORS: **Wilson AT**, George SZ, **Bialosky JE**

Presenter: **Abigail T. Wilson**, Steven Z. George, **Joel E. Bialosky**

Platform Presentation: Academy of Neurologic Physical Therapy Platform Presentations 3

- Intramuscular Diaphragm Stimulation to Enhance Respiratory Function After Cervical Spinal Cord Injury

AUTHORS: **Fox EJ**, Cavka K, D'Alessandro A, Freeborn PA, Tonuzi G, Faison T, Kerwin A, Croft C, Yorkgitis B, **Sunshine M**, **Martin D**, **Fuller D**

Presenter: **Emily Fox, PT, DPT, PhD** Board-Certified Clinical Specialist in Neurologic Physical Therapy

Platform Presentation: Section on Research Platform Presentations

- Functional Performance and Magnetic Resonance Imaging Determined Muscle Involvement in Duchenne Muscular Dystrophy

AUTHORS: **Kavya Kamalamma**; **Rebecca Willcocks**; **Alison Barnard**; **Claudia Senesac**; **Donovan Lott**; **Harneet Arora**; Ann Harrington; Richard Finkel; Gihan Tennekoon; William Rooney; Erika Finanger; Dah-Jyuu Wang; Glenn Walter; **Krista Vandenborne**

Presenter: **Kavya Kamalamma, PT, MPT**

Educational Session: Section on Women's Health

- Reject or Correct? A Guide to Effective Feedback on the Road to Publication

Speakers: Karen Abraham, PT, PhD; **Meryl Alappattu, PT, DPT, PhD**; **Mark Bishop, PT, PhD**; Cynthia Chiarello, PT, PhD; Mary Dockter, PhD, PT; Laura Keyser, PT, DPT, MPH; Patricia Nelson, PT, ScD, OCS, FAAOMPT; Rebecca Reisch, PT, DPT, PhD

11 a.m. – 1 p.m.

Educational Sessions: Academy of Orthopaedic PT

- Pain with Movement: Transforming Theoretical Models to Physical Therapist Practice

Speakers: **Katie Butera**, PT, DPT; Mari Lundberg, PT, PhD; Annalisa Na, PT, DPT, PhD, Board-Certified Orthopaedic Clinical Specialist; **Corey Simon, PT, DPT, PhD**

Educational Sessions: Section on Research

- Wonder Woman: Supporting the Success and Growth of Women in Science

Speakers: **Meryl Alappattu, PT, DPT, PhD**; Meredith Christiansen, PT, DPT; Jill Heathcock, PT, MPT, PhD; Miriam Rafferty, PT, DPT, Board-Certified Clinical Specialist in Neurologic Physical Therapy; Jennifer Stevens-Lapsley, PT, PhD; Louise Thoma, PT, DPT, PhD; Carolee J. Winstein, PT, PhD, FAPTA

- Clinical Trials in Rare Neuromuscular Disease: Lessons Learned and Steps Forward

Speakers: Kristen Krisschell, Anna Pariser, **Claudia Senesac, Barbara Smith**

1 – 3 p.m.

Poster Presentation: Sports Physical Therapy – Shoulder/Elbow

- Screening range of motion and strength to predict upper extremity injury in overhead athletes: a systematic-review - 3359

AUTHORS: Michener LA, Plummer HA, Bauer C, Johnson R, Shanley E, Thigpen CA, **Pozzi F**
Presenter: Lori Michener

Poster Presentation: Orthopaedics – Pain Management

- Integration of Psychologically Informed Practice with an Adolescent Male following Patellar Dislocation: Orthopaedic Manual Physical Therapy Fellowship Case Study Report - 3207

AUTHORS: **Noelle Thompson**; Sara Cristello; **Jason Beneciuk**
Presenter: Noelle Thompson

- Use of Pain Neuroscience Education in a Patient Following Total Hip Arthroplasty With Pre-Operatively Identified Risk Factors for Persistent Post-Operative Pain: A Case Report - 3192

AUTHORS: **Kalafarski H, Bialosky JE**
Presenter: **Heather Kalafarski**

Poster Presentation: Orthopaedics – Residency Poster Case Report

- Patient-centered communication emphasized through psychologically informed physical therapy: an orthopaedic residency case report - 3229

AUTHORS: Santarelli TA, Kunin A, **Beneciuk J** Tanner Santarelli
Speaker: Tanner Santarelli

3 – 5 p.m.

Platform Presentation: Academy of Orthopaedic Physical Therapy Platform Presentations 8

- Thoracic Spine Manipulation in Patients With Cervical Radiculopathy: A Randomized Controlled Trial

AUTHORS: Young IA, **Pozzi F**, Dunning, J, Linkonnis R, Michener, LA
Presenter: Ian Young, PT, DSc