

CSM PRESENTATION SCHEDULE

Department of Physical Therapy & Rehabilitation Science PhD Program

Wednesday, February 14, 2024

8 a.m. – 5 p.m.

Educational Session

[ED-17344 The Novice Director of Clinical Education/Site Coordinator of Clinical Education for a Doctoring Profession](#)

Gina Maria R. Musolino, PT, DPT, EdD, MEd, Michael S. Simpson, PT, DPT, Alecia Helbing Thiele, PT, DPT, ATC, MEd and Anna V. Howard, PT, BS
Meeting Room 205C (Meeting Level 2, Boston Convention Center)

Thursday, February 15, 2024

8 a.m. – 10 a.m.

Educational Session

[ED-17330 The Scholarship of Teaching and Learning: Performance-Driven Excellence for Adaptive Learners and Reflective CE](#)

Gina Maria R. Musolino, PT, DPT, EdD, MEd, Michael S. Simpson, PT, DPT, Alecia Helbing Thiele, PT, DPT, ATC, MEd and Ervin Scott Euype, PT, DPT, MHS
Meeting Room 208 (Meeting Level 2, Boston Convention Center)

Platform Session

[Backward Walking Training Improves Walking Function and Dynamic Balance during Walking Adaptability Tasks Post-Stroke](#)

Presenter: Arian Vistamehr, PhD

Arian Vistamehr, PhD, **David Clark**, Christy L. Conroy, PT, Louis Anthony DeMark, PT, DPT, **Emily Jane Fox, PT, DPT, PhD**, Hanzhi Gao, MS, PhD, Janki Patel, Clayton N. Wauneka, PhD and **Dorian Kay Rose, PT, PhD**

Momentum C & D South (Level Five, Omni Boston)

CSM PRESENTATION SCHEDULE**Thursday, February 15, 2024****8 a.m. – 10 a.m.**

Platform Session

[Pilot Study: Can Preoperative Inspiratory Strength Training Enhance Acute Recovery from Total Joint Replacement Surgery?](#)

Presenter: William Meier, PT, DPT

William Meier, PT, DPT, Maribel Ciampitti, Julie Shaner, Travis Stephen Wylie, Nura Aaliyah Haney, PT, DPT, Jessica Koenig, Adam Gitlin, Sabrina Wang, PT, DPT, OTR/L and **Barbara Smith, PhD, PT**
Meeting Room 252AB (Meeting Level 2, Boston Convention Center)**Thursday, February 15, 2024****11 a.m. – 1 p.m.**

Platform Session

[Patterns of Care for Acute Low Back Pain Patients: Cluster Analysis of Primary Care Orders](#)

Presenter: Christopher Joyce, PT, DPT, PhD

Christopher Joyce, PT, DPT, PhD, Eric Roseen, DC, MSc, Clair Smith, Charity Galena Patterson, Christine M. McDonough, PT, PhD, FAPTA, Emily Hurstak MD, MPH, Natalia Morone, **Jason M. Beneciuk, PT, DPT, MPH, PhD**, Joel Stevans, Anthony Delitto, PT, PhD, FAPTA and Robert Saper, MD, MPH
Meeting Room 257AB (Meeting Level 2, Boston Convention Center)**1 p.m. – 3 p.m.**

Poster Presentations

[Application of the Central Recruitment Model to Facilitate Chronic Spinal Cord Injury Research Participation](#)

Presenter: Hannah Snyder, MS

Hannah Snyder, MS, Louis Anthony DeMark, PT, DPT, Kathryn L. Cavka, PT, DPT, Hannah Johnson, Christa Espino and **Emily Jane Fox, PT, DPT, PhD**[Backward Walking Training Post-Stroke: Does Timing of Delivery Matter?](#)Presenter: **Oluwafemi Adegbeigun, PT****Oluwafemi Adegbeigun, PT**, Christy L. Conroy, PT, Janki Patel, Clayton N. Wauneka, PhD, Arian Vistamehr, PhD, Brianne Borgia and **Dorian Kay Rose, PT, PhD**

CSM PRESENTATION SCHEDULE**Thursday, February 15, 2024****1 p.m. – 3 p.m.**

Poster Presentations

[Bone Marrow Fat Fraction Increases with Age, Corticosteroid Use, BMI, and Ambulatory Status in DMD](#)Presenter: **Remya Kunnath Ravindranunni, PT****Remya Kunnath Ravindranunni, PT**, Angelina Bernier, Ibrahim Tuna, **Krista H Vandenborne, Glenn Walter**, Chamith Rajapakse and **Rebecca Willcocks**[Blood Flow Restriction Versus Traditional Strength Training for Calf Weakness in a Female Athlete](#)

Presenter: Penny Lauren Goldberg, PT, DPT, ATC

Penny Lauren Goldberg, PT, DPT, ATC, **Daphne Bricker, PT, DPT** and Debi Lynn Jones, PTPenny Goldberg, **Daphne Bricker**, Debi Jones[Fear Avoidance Model Psychological Constructs As Predictors of Post-Concussion Outcomes in Outpatient Physical Therapy Settings](#)Presenter: **Katherine Elaine Buzzanca-Fried, BA, BS****Katherine Elaine Buzzanca-Fried, BA, BS**, Michael Rippee, MD, Amelia Kirchhoff-Rowald, **Emily Jane Fox, PT, DPT, PhD** and **Jason M. Beneciuk, PT, DPT, MPH, PhD**[Gluteal Intramuscular Fat Is Associated with Poorer Mobility Performance in Men with Becker Muscular Dystrophy](#)Presenter: **Kelly E. Rock, PT, DPT****Kelly E. Rock, PT, DPT, Rebecca Willcocks, Alison M Barnard, Donovan Jones Lott, PT, Claudia R. Senesac, PT, PhD, Sean Charles Forbes**, William Rooney, Sub Subramony, Nizar Chahin, **Glenn Walter** and **Krista Vandenborne, PT, PhD**[High Intensity Locomotor Training Using Adaptive Robotics and the Effect on Gait Speed and Endurance](#)

Presenter: Jessica Lee Dunn, PT, DPT

Jessica Lee Dunn, PT, DPT, Louis Anthony DeMark, PT, DPT, Gina Brunetti, PT, DPT, Kathryn L. Cavka, PT, DPT, Meghan Elizabeth Kettles, PT, DPT, MHS, Emily Ricardo, PT, DPT, Sierra Rogal LeDuke, PT, DPT, Christy L. Conroy, PT, Clayton N. Wauneka, PhD and **Emily Jane Fox, PT, DPT, PhD**[Intense Repetitive Walking Rehabilitation Does Not Improve Dual-Task Walking Function in Chronic Spinal Cord Injury](#)

Presenter: Christy L. Conroy, PT

Christy L. Conroy, PT, Brittany Censon, Clayton N. Wauneka, PhD, **David Clark** and **Emily Jane Fox, PT, DPT, PhD**

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Thursday, February 15, 2024

1 p.m. – 3 p.m.

Poster Presentations

Patient Preferences for the Attributes of Their Physical Therapists

Presenter: Amber Marie Custodi, PT, DPT

Amber Marie Custodi, PT, DPT and **Joel Eric Bialosky, PT, PhD**

Relationship between Skeletal Muscle Energetics and Clinical Functional Measures in Duchenne Muscular Dystrophy

Presenter: **Pratiksha Awale**

Pratiksha Awale, Christopher Lopez, Tanja Taivassalo, **Krista Vandendorne, PT, PhD**, Glenn A Walter and **Sean Charles Forbes**

Six-Minute Walk Distance Differentiates Respiratory Impairment in Chronic Stroke

Presenter: Gina Brunetti, PT, DPT

Gina Brunetti, PT, DPT, **Barbara Kellerman Smith, PT, PhD** and **Dorian Kay Rose, PT, PhD**

3 p.m. – 5 p.m.

Educational Session

NE-17345 Walking Performance in Daily Life: Taking Steps Toward Successful Rehabilitation

Kanika Bansal, PT, MPT, PhD, Allison Miller, Carey Lane Holleran, PT, MPT, DHS and **Dorian Kay Rose, PT, PhD**

CSM PRESENTATION SCHEDULE

Thursday, February 15, 2024

7 p.m. – 9 p.m.

The Department of Physical Therapy Alumni & Friends Reception

Omni Boston at the Seaport (450 Summer Street, Boston, MA 02210), Ensemble Ballroom A

Friday, February 16, 2024

11 a.m. – 1 p.m.

Educational Session

[AC-18385 The Shark Tank: Giving Budding Acute Investigators an Opportunity to Sink or Swim](#)

Kerry J. Lammers, PT, DPT, **Barbara Kellerman Smith, PT, PhD**, Joshua Kurt Johnson, PT, DPT, PhD,
Daniel L. Young, PT, DPT, PhD, Kyle Ridgeway and Richard S. Severin, PT, DPT, PhD
Faneuil (Mezzanine Level, Westin Boston)

1 p.m. – 3 p.m.

Poster Presentations

[The Change in DPT Student's Well-Being, Attitudes, and Behaviors Post-COVID-19 Pandemic](#)

Presenter: **Judi Schack-Dugre, PT, DPT, EdD, MBA**

Judi Schack-Dugre, PT, DPT, EdD, MBA, Elsa Maria Drevyn, PT, DPT and Anat Kristal, PT, MSPT, PhD

CSM PRESENTATION SCHEDULE**Friday, February 16, 2024****1 p.m. – 3 p.m.**

Poster Presentations

[Clinical Practice Guideline Facilitated Shared Decision Making for Low Back Pain: A Pilot Study](#)Presenter: **Jason M. Beneciuk, PT, DPT, MPH, PhD****Jason M. Beneciuk, PT, DPT, MPH, PhD**, Trent Harrison, **Katherine Elaine Buzzanca-Fried, BA, BS, Logan J Rodgers** and **Joel Eric Bialosky, PT, PhD**[Comparing Knee and Shoulder Range of Motion Measurements: App Vs. Manual Assessment Correlation](#)

Presenter: Penny Lauren Goldberg, PT, DPT, ATC

Penny Lauren Goldberg, PT, DPT, ATC, **Megan Hultgren, PT, DPT, Daphne Bricker, PT, DPT, Carly Rosner, PT**, Shannon Jessup, SPT and Debi Lynn Jones, PT[Directional Preference-Based Exercises for Low Back Pain in the Emergency Department: A Case Study](#)

Presenter: Taylor McCullers, PT, DPT

Taylor McCullers, PT, DPT, Jacob L. Broadhurst, PT, DPT, Sabrina Wang, PT, DPT, OTR/L, **Joel Eric Bialosky, PT, PhD** and **Jason M. Beneciuk, PT, DPT, MPH, PhD**[Exposure to Softball Pitching Does Not Increase Bicep Long-Head Tendon Thickness over a College Season](#)

Presenter: Giorgio Zeppieri

Giorgio Zeppieri, PT, **Kinyata Cooper, Marissa Pazik**, Kevin W Farmer, MD and **Federico Pozzi, PT, PhD**[Humeral Retroversion and Glenohumeral Rotation in College Softball Players](#)

Presenter: Giorgio Zeppieri, PT

Giorgio Zeppieri, PT, **Kinyata Cooper**, John Cicciaro, PT, Colten Haack, PT, DPT, **Marissa Pazik**, Kevin W Farmer, MD and **Federico Pozzi, PT, PhD**[Implementing Emergency Department Physical Therapy Referrals for Patients with Rib Fractures: A Practice Analysis](#)

Presenter: Michael Ryan Staklinski, PT

Michael Ryan Staklinski, PT, Sabrina Wang, PT, DPT, OTR/L and **Barbara Kellerman Smith, PT, PhD**

CSM PRESENTATION SCHEDULE**Friday, February 16, 2024****3 p.m. – 5 p.m.**

Educational Session

[RE-17436 Trainee to Faculty: Navigating Life as a Junior Faculty Member in a Research-Intensive Institution](#)

Margaret A. French, PT, DPT, PhD, Katie Ann Butera, PT, DPT, PhD, Kristan Anne Leech, PT, DPT, PhD, Allison Miller, **Federico Pozzi, PT, PhD**, Sydney Schaefer and Jennifer Ann Zellers, PT, DPT, PhD
Marina Ballroom III (Lobby Level, Westin Boston)

Saturday, February 17, 2024**11 a.m. – 1 p.m.**

Educational Session

[RE-18817 - Advancing Rehabilitation: Contributing to Health Systems Models While Translating Research Into Neurologic Practice](#)

Anna Manente, SPT, Pamela W. Duncan, PT, PhD, FAPTA, Allison Leigh Nogi, PT, DPT, Daofen Chen, PhD, Sandra A. Billinger, PT, PhD, **Emily Jane Fox, PT, DPT, PhD** and Mark Goodman Bowden, PT, PhD
Marina Ballroom III (Lobby Level, Westin Boston)

Platform Session

[Elevated pain sensitivity and negative psychological factors are demonstrated in individuals with an irritable presentation](#)

Presenter: Abigail Wilson Anderson, PT, DPT, PhD
Abigail Wilson Anderson, PT, DPT, PhD, William James Hanney, PT, PhD, Randi Moak Richardson, PT, DPT, Sheila Hanley Klausner, PT, DPT, MS and **Joel Eric Bialosky, PT, PhD**
Meeting Room 257AB (Meeting Level 2, Boston Convention Center)

[Gender Affirming Surgery: Lived Recovery Experiences and Recommendations for Care](#)

Presenter: **Meryl J. Alappattu, PT, DPT, PhD**
Meryl J. Alappattu, PT, DPT, PhD, Nicole Stetten, Adriana Rivas and **Mark Donald Bishop, PT, PhD, FAPTA**
Meeting Room 257AB (Meeting Level 2, Boston Convention Center)

CSM PRESENTATION SCHEDULE**Saturday, February 17, 2024****11 a.m. – 1 p.m.**

Platform Session

["I just need a little more time": delayed recovery after exercise induced pain in people with chronic primary muscle pain](#)

Presenter: **Priyanka Rana, PT, MPT**

Mark Donald Bishop, PT, PhD, FAPTA, Priyanka Rana, PT, MPT, Meryl J. Alappattu, PT, DPT, PhD, Jeff Boissoneault, Shelby Blaes, Yonah Joffe and Michael E Robinson
Meeting Room 257AB (Meeting Level 2, Boston Convention Center)

1 p.m. – 3 p.m.

Poster Presentations

[Characterizing Muscle Quality at Loss of Ambulation in Duchenne Muscular Dystrophy Using Magnetic Resonance Imaging](#)

Presenter: **Prathyusha Bellam, PT**

Prathyusha Bellam, PT, Rebecca Willcocks, Christopher Lopez, Sean Charles Forbes, William Triplett, William Rooney, Alison M Barnard, John Brandsema, Erika Finanger, Dah-Jyuu Wang, Donovan Jones Lott, PT, Claudia R. Senesac, PT, PhD, Kelly E. Rock, PT, DPT, Glenn Walter and Krista H Vandendorne

[Gene Therapy-Treated Infants with Spinal Muscular Atrophy Exhibit Preserved Respiratory Strength but Reduced Coordination](#)

Presenter: **Priya Kanjani, PT**

Priya Kanjani, PT, Carmen Leon-Astudillo, Mackenzi Coker, Stephanie Salabarria, Jenna Lammers, Barry Byrne and Barbara Kellerman Smith, PT, PhD
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CSM PRESENTATION SCHEDULE

Saturday, February 17, 2024

3 p.m. – 4 p.m.

Educational Session

[OR-18543 What a Pain! Reconceptualizing Irritability](#)

Joel Eric Bialosky, PT, PhD, Mark Donald Bishop, PT, PhD, FAPTA, William James Hanney and Abigail Wilson, PT, DPT, PhD

Meeting Room 253AB (Meeting Level 2, Boston Convention Center)