



## Platform Presentations

*Categorized by day, then alphabetically by Section name, then by presentation order. Information subject to change, updated 1/22/19. PLEASE NOTE: SPORTS SECTION: SPORTS MEETS PRACTICE PLATFORM SESSIONS CAN BE FOUND ON THE CSM PROGRAMMING PAGE.*

### Thursday, January 24, 2019

#### **ACADEMY OF HAND AND UPPER EXTREMITY PHYSICAL THERAPY PLATFORM PRESENTATIONS**

8:00 am–10:00 am

**Moderator:** Susan Duff, PT, OT/L, EdD  
Certified Hand Therapist

#### **Manual Physical Therapy for Electrophysiologically and Ultrasound Confirmed Ulnar Neuropathy at the Elbow: A Case Series**

**Presenter:** Jon Umlauf, PT, DPT

#### **A Systematic Review of the Measurement Properties of the Pennsylvania Shoulder Score**

**Presenter:** Neil Evans, PT, DPT

#### **The Impact of Diabetic Peripheral Neuropathy on Pinch Proprioception**

**Presenter:** Abdalghani Yahya, PT, DPT

#### **Active Wrist Joint Position Sense Test Intra- and Inter-Tester Reliability at Multiple Wrist Angles**

**Presenter:** Tyler Schweigert, SPT

#### **Reproducibility, Concurrent Validity, and Known-Group Validity of Active Joint Position Sense in Patients With Carpal Tunnel Syndrome**

**Presenter:** Cesar Malave, SPT

**Quantifying Interlimb Coordination in Persons With Hemiparesis**

**Presenter:** Susan Duff, PT, OT/L, EdD  
Certified Hand Therapist

**ACADEMY OF ORTHOPAEDIC PHYSICAL THERAPY PLATFORM  
PRESENTATIONS 1**

8:00 am–10:00 am

**Moderator:** Ameer Seitz, PT, DPT, PhD  
Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**A Descriptive Analysis of a Staged Algorithm for Rehabilitation in Patients Seeking Direct Access to Physical Therapy for Shoulder Disorders**

**Presenter:** Chandler Gordon, PT, DPT

**Differentiating Symptom Irritability Classification Levels With Three Patient-Reported Outcome Instruments**

**Presenter:** Stephen Kareha, PT, DPT, ATC  
Board-Certified Clinical Specialist in Orthopaedic Physical Therapy  
Certified Mulligan Concept Practitioner  
Certified Strength and Conditioning Specialist

**Supraspinatus Stress and Strain Across Arm Elevation**

**Presenter:** Paula Ludewig, PT, PhD, FAPTA

**Kinematic Mechanisms of Scapulothoracic Upward Rotation**

**Presenter:** Rebekah Lawrence, PT, DPT  
Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Kinematics of Shoulder, Trunk, Pelvis, and Hip While Reaching Forward to Progressively Distant Targets**

**Presenter:** Bradley Myers, PT, DPT, DSc

**A Study of the Accuracy of Physical Therapists Palpating the Long Head of the Biceps Tendon**

**Presenter:** Amy McDevitt, PT, DPT  
Board-Certified Clinical Specialist in Orthopaedic Physical Therapy  
Fellow of the American Academy of Orthopaedic Manual Physical Therapists

**Scapular Movement Impairments in Individuals With Subacromial Pain Syndrome Based on Scapular Assistance Test and Scapula Reposition Test Outcomes**

**Presenter:** Jason Grimes, PT, DPT, ATC, PhD  
Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

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

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

**SECTION ON HEALTH POLICY AND ADMINISTRATION PLATFORM PRESENTATIONS 1**

8:00 am–10:00 am

**Moderator:** Jason Falvey, PT, DPT  
Board-Certified Clinical Specialist in Geriatric Physical Therapy

**Anxiety and Depression Are Associated With Increased Health Care Utilization in Low Back Pain**

**Presenter:** Anna Bailes, BS

**Effects of “On the Move” Exercise Program on Falls and Health Care Utilization in Older Adults**

**Presenter:** Peter Coyle, PT, DPT

**Enhancing the Role of Physical Therapy in Value-Based Care Transitions: A Quality Improvement Project**

**Presenter:** Audrey Johnson, PT, DPT

**Primary Care Physician Referrals to Physical Therapy for Spine Conditions, 2006-2015**

**Presenter:** Samannaaz Khoja, PT, PhD

**Physical Therapy Referrals and Lifestyle Counseling by Physicians for Managing Lower Extremity Osteoarthritis, 2007-2014**

**Presenter:** Samannaaz Khoja, PT, PhD

**Impact of Administrative Burden on Outpatient Physical Therapy for Patients With Non-Specific Low Back Pain**

**Presenter:** Janet Dolot, PT, DPT, DrPH

**ACADEMY OF ACUTE CARE PHYSICAL THERAPY PLATFORM PRESENTATIONS 1: RESEARCH EXCELLENCE IN CLINICAL PRACTICE**

11:00 am–1:00 pm

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

**Influence of Vestibular Diagnosis and Management on Recommended Discharge Environment for Hospitalized Inpatients**

**Presenter:** Kerry Lammers, PT, DPT

**Detecting High-Risk Behaviors via Coding of Depth Sensor Videos for Fall Prevention**

**Presenter:** James Williamson, SPT

**Trauma-Associated Screen for Concussion (TASC): Preliminary Findings**

**Presenter:** Stephanie Sparrow, PT, DPT

**The Early Mobilization of Critically Ill Patients With Traumatic Injuries Reduces Cost and Accelerates Recovery**

**Presenter:** Chelsea Skalkowski, PT, DPT

**Mobility Change Is More Predictive of Discharge Disposition Than Payer Group in the Critical Care Population**

**Presenter:** Danica Dummer, PT, DPT

**Patellar Tendon Morphology in Trans-Tibial Amputees Utilizing a Prosthesis With a Patellar-Tendon-Bearing Feature**

**Presenter:** Michelle Evers

**Interrater Reliability of Muscle Ultrasonography Image Acquisition and Analysis in Patients With and Recovering From Critical Illness**

**Presenter:** Kirby Mayer, PT, DPT

## **ACADEMY OF GERIATRIC PHYSICAL THERAPY PLATFORM PRESENTATIONS 1**

11:00 am–1:00 pm

**Moderator:** Jessie VanSwearingen, PT, PhD, FAPTA

### **Physical Therapy Improves Functional Performance in Medicare Patients With a Primary Diagnosis of Dementia**

**Presenter:** Cherie LeDoux, PT, DPT

### **Generalization of Treadmill-Slip Perturbation Training to Prevent a Laboratory-Induced Novel Slip During Over-Ground Walking Among Older Adults: A Randomized Controlled Trial**

**Presenter:** Yiru Wang, MS

### **Implementation of a High-Intensity Rehabilitation in Skilled Nursing Facilities: Preliminary Results**

**Presenter:** Allison Gustavson, PT, DPT

### **A Clinically Applicable Measure of Functional Power and Movement Velocity Discriminates Fall History Better Than the Berg Balance Scale and Comparably to the Activities Specific Balance Confidence Scale Among Community Dwelling Older Adults**

**Presenter:** Jennifer Vincenzo, PT, MPH, PhD

### **Investigating the Impact of an Innovative Intergenerational Physical Activity Program on Older Adults and Children 6 to 12 Years Old**

**Presenter:** Nicole Dawson, PT, PhD

Board-Certified Clinical Specialist in Geriatric Physical Therapy

### **Quality of Life and Balance Confidence Associated With Participation in a Physical Therapist-Led Community Exercise Program for People With Parkinson's Disease**

**Presenter:** Maegan Olivos, PT, DPT, MPH

### **Interprofessional Collaborative Practice in the Establishment of a Wellness Program: A Case Report**

**Presenter:** Suzana Simoes, PT, DPT

### **The Effect of Equine-Related Therapy on Physical and Psychological Well-Being of Older Adults: A Systematic Review**

**Presenter:** Jennifer Schwartz, PT, DPT

Board-Certified Clinical Specialist in Neurologic Physical Therapy

### **Walk with Ease™: A Community-Based Approach to Improving Dynamic Balance, Decreasing Fall Risk, and Increasing Physical Activity in People With Osteoarthritis**

**Presenter:** Gina Pariser, PT, PhD

**SECTION ON HEALTH POLICY AND ADMINISTRATION PLATFORM  
PRESENTATIONS 2**

11:00 am–1:00 pm

**Moderator:** Jason Falvey, PT, DPT  
Board-Certified Clinical Specialist in Geriatric Physical Therapy

**Qualitative Effects of Cultural Immersion on the Education of Health Care Professionals:  
A Systematic Review**

**Presenter:** Lisa Barnes, PT, DPT, PhD

**Budget Impact Analysis of Robotic Exoskeleton Use for Locomotor Training Following  
Spinal Cord Injury in Three Model Health Systems**

**Presenter:** Daniel Pinto, PT, PhD  
Board-Certified Clinical Specialist in Orthopaedic Physical Therapy  
Fellow of the American Academy of Orthopaedic Manual Physical Therapists

**Academic Appointment for Physical Therapist Clinicians in a University and Hospital  
Partnership**

**Presenter:** Peter McMenamin, PT, DPT, MS

**Assessment of a Student-Led Health Promotion Program for Individuals Recovering From  
Substance Abuse: Evaluation of an Education and Exercise Class Using Participant Self-  
Efficacy for Exercise**

**Presenter:** Emily Wirdzek, SPT

**Community-Based Participatory Evaluation: Examination of a Long-Term International  
Service-Learning Partnership**

**Presenter:** Lorna Hayward, PT, MPH, EdD

**ACADEMY OF ORTHOPAEDIC PHYSICAL THERAPY PLATFORM  
PRESENTATIONS 2**

11:00 am–1:00 pm

**Moderator:** Amee Seitz, PT, DPT, PhD  
Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**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

**Psychologically Informed Physical Therapy for Patients Following Lumbar Spine Surgery:  
A Randomized Clinical Trial**

**Presenter:** Kristin Archer, PT, DPT, PhD

**Associations Between Trunk Muscle Function, Physical Performance, and Community  
Participation in Adults With Lower-Limb Amputation: A Preliminary Data Analysis**

**Presenter:** Emma Beisheim, PT, DPT

**Short- and Long-Term Effects of Skill Training vs Strength and Flexibility Exercise on  
Knee, Hip, and Lumbar Spine Kinematics in People With Chronic Low Back Pain**

**Presenter:** Quenten Hooker, MS

**Prognostic and Moderating Role of Resilience and Risk Factors in Patients Receiving a  
Cognitive-Behavioral Based Physical Therapy Intervention After Lumbar Spine Surgery**

**Presenter:** Rogelio Coronado, PT, PhD

**Fear-Beliefs and Low Back Pain-Related Disability Help Explain Immediate Response to  
Neuromuscular Electrical Stimulation in Adults With Low Back Pain**

**Presenter:** Jaclyn Sions, PT, PhD

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Severity of Low Back Pain-Related Disability in Individuals With Non-Arthritic Hip  
Disease**

**Presenter:** Stephanie Di Stasi, PT, PhD  
Prediction of cancellations to enhance care delivery for musculoskeletal conditions: a preliminary analysis

**Hip Strength Predicts Function Among Adults With Chronic Low Back Pain With and  
Without Hip Pain**

**Presenter:** Abdulmohsen Alroumi, MSc

**ACADEMY OF PHYSICAL THERAPY EDUCATION PLATFORM PRESENTATIONS**

**1**

11:00 am–1:00 pm

**Moderator:** Kathleen Rockefeller, PT, MPH, ScD

**Perceived Benefits and Costs of Hosting a Physical Therapist Student Clinical Education  
Program**

**Presenter:** Cori Arquines, PT, BS, BA

**Student Self-Assessment of Professionalism for Nine Cohorts Before and After Clinical  
Education Experiences**

**Presenter:** Carolyn Ticker, SPT

**The Impact of International, Cross-Cultural Clinical Education on Physical Therapy Students: A Research Report**

**Presenter:** Maggie Schumacher, PT, DPT

**Student Clinical Immersion Into a Comprehensive Interprofessional Medical Clinic**

**Presenter:** Patrick Pabian, PT, DPT

Board-Certified Clinical Specialist in Sports Physical Therapy

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Academic-Clinical Partnership Assessment: Enhancing Quality, Capacity, and Satisfaction in Clinical Education**

**Presenter:** Adam Paynter

**Physical Therapy Student Perspectives on Inter-Professional Collaboration and Practice During Clinical Education**

**Presenter:** Miriam Cortez-Cooper, PT, MA, PhD

**Characterizing a Novel Clinical Education Experience in the Emergency Department/Observation Unit of an Urban Academic Hospital**

**Presenter:** Kyle Strickland, PT, DPT

**ACADEMY OF NEUROLOGIC PHYSICAL THERAPY PLATFORM PRESENTATIONS 1**

3:00 pm–5:00 pm

**Moderator:** Jill Stewart, PT, PhD

**Feasibility and Treatment Effect of Cognitive Behavioral Therapy for Insomnia Conducted by Physical Therapist in Individuals With Multiple Sclerosis**

**Presenter:** Catherine Siengsukon, PT, PhD

**Feasibility, Acceptability, and Effectiveness of Telephone-Delivered Exercise Therapy to Target Multiple Sclerosis Fatigue**

**Presenter:** Nora Fritz, PT, DPT, PhD

Board-Certified Clinical Specialist in Neurologic Physical Therapy

**Effect of Cerebellar Transcranial Direct Current Stimulation in Cervical Dystonia**

**Presenter:** Rebekah Summers, PT, DPT

**Relationship Between Gait and Balance in People With Spinocerebellar Ataxia Type 6**



**Presenter:** Jeannie Stephenson, PT, PhD  
Board-Certified Clinical Specialist in Neurologic Physical Therapy

**Configurations of the Six-Minute Walk Test for People With Parkinson Disease: Do the Number of Turns Matter?**

**Presenter:** Joseph Russo, PT, DPT

**A New Way of Measuring Dual Task Cost: The Construct Validity of the Comprehensive Dual Task Cost Equation in Individuals With Parkinson's Disease**

**Presenter:** Jason Longhurst, PT, DPT, MSCS  
Board-Certified Clinical Specialist in Neurologic Physical Therapy

**The Effects of Auditory Cues on Gait Mechanics in Parkinson's Disease**

**Presenter:** Madelon Wygand

**What Makes a Group Fitness Program for People With Parkinson's Disease Endure? A Mixed Methods Study of Multiple Stakeholders**

**Presenter:** Rosa Torres-Panchame, PT, DPT  
Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**ACADEMY OF PEDIATRIC PHYSICAL THERAPY PLATFORM PRESENTATIONS 1**

3:00 pm–5:00 pm

**Moderator:** Charlotte Yates, PT, PhD  
Board-Certified Clinical Specialist in Pediatric Physical Therapy

**Mixed-Method Development of the PROMIS® Pediatric Physical Activity Item Banks, Child-Report, and Parent-Proxy Editions**

**Presenter:** Carole Tucker, PT, PhD  
Board-Certified Clinical Specialist in Pediatric Physical Therapy

**Low-Intensity Versus High-Intensity Home-Based Treadmill Training and Walking Attainment in Young Children With Cerebral Palsy**

**Presenter:** Katrin Mattern-Baxter, PT, DPT  
Board-Certified Clinical Specialist in Pediatric Physical Therapy

**The Hand Motor Actions of Children With Cerebral Palsy Involve Atypical Sensorimotor Cortical Oscillations**

**Presenter:** Rashelle Hoffman, PT, DPT  
Board-Certified Clinical Specialist in Geriatric Physical Therapy

**Longitudinal Changes in Physical Caregiving for Parents of Children With Cerebral Palsy**

**Presenter:** Mohammed Alghamdi, PT, MS

**Metabolic Response of Individuals With Cerebral Palsy to Sequential ‘Six Minute Walk Tests: A Pilot Study**

**Presenter:** Melodie Kondratek, PT, DScPT

Orthopedic Manual Physical Therapist

**Influence of a Dual-Task on Prefrontal Cortical Activation in Children With Hemiplegic Cerebral Palsy**

**Presenter:** Swati Surkar, PT, MS

**Relationship of Rehabilitation Services to Children With Cerebral Palsy’s Development**

**Presenter:** Sarah McCoy, PT, PhD, FAPTA

**Therapists’ Views on Age and Cognitive Skills for Power Mobility in Children: A Qualitative Study**

**Presenter:** Lisa Kenyon, PT, DPT, PhD

Board-Certified Clinical Specialist in Pediatric Physical Therapy

**AMERICAN ACADEMY OF SPORTS PHYSICAL THERAPY, INC PLATFORM PRESENTATIONS: EXCELLENCE IN RESEARCH**

3:00 pm–5:00 pm

**Moderator:** Michael Mullaney, PT, DPT

**Confidence Is Associated With Ability to Meet Return to Sport Criteria and 2ND ACL Injury Risk After ACL Reconstruction**

**Presenter:** Mark Paterno, PT, MBA, PhD

Board-Certified Clinical Specialist in Sports Physical Therapy

**Peak Vertical Ground Reaction Force and Center of Mass Vertical Excursion Are Prospectively Associated With Injury in Elite Cross-Country Runners**

**Presenter:** Christa Wille, BS

**Reduced Femoral Bone Mineral Density in Collegiate Athletes Following Anterior Cruciate Ligament Reconstruction Surgery**

**Presenter:** Justin Olson, SPT

**Landing Mechanics at Return-to-Sport Differ in Functionally-Recovered Athletes 2 Years After ACL Reconstruction**

**Presenter:** Erin Krogh, SPT

**Concomitant Injury at the Time of Anterior Cruciate Ligament Reconstruction Impacts Knee Function Two Years After Return to Sports**

**Presenter:** Caroline Lewis, PT, DPT, ATC  
Board-Certified Clinical Specialist in Sports Physical Therapy  
Manual Therapy Certified

**Increase in Joint Loading During Walking After Anterior Cruciate Ligament Reconstruction Is Related to Early Knee Degeneration**

**Presenter:** Deepak Kumar, PT, PhD

**ACADEMY OF ORTHOPAEDIC PHYSICAL THERAPY PLATFORM PRESENTATIONS 3**

3:00 pm–5:00 pm

**Moderator:** Ameer Seitz, PT, DPT, PhD  
Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Associations Between Frequency and Timing of Interim Patient-Report Outcome Measures and Functional Status at Discharge From Physical Therapy for Common Musculoskeletal Impairments**

**Presenter:** Mark Werneke, PT, MSc  
Diplomaed in the McKenzie method of Mechanical Diagnosis and Therapy

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

**Presenter:** Trevor Lentz, PT, MPH, PhD

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

**Presenter:** Giorgio Zeppieri, PT  
Board-Certified Clinical Specialist in Sports Physical Therapy  
Certified Strength and Conditioning Specialist

**Association of Comorbidity With Rehabilitation Use in Older Adults With Back Pain**

**Presenter:** Sean Rundell, PT, DPT, PhD

**Factors Influencing Patient Use of Self-Referral to Physical Therapy: A Qualitative Approach**

**Presenter:** Noor Alshareef, PhD

**Prediction of Cancellations to Enhance Care Delivery for Musculoskeletal Conditions: A Preliminary Analysis**

**Presenter:** Adam Lutz, PT, DPTarc

**The Relationship Between Health Care Utilization and Changes in Self-Reported Pain and Disability: Is More Better?**

**Presenter:** Derek Clewley, PT, PhD

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

Fellow of the American Academy of Orthopaedic Manual Physical Therapists

**Measuring Process Compliance With the Low Back Pain Treatment-Based Classification System: A Quality Improvement Initiative**

**Presenter:** Kate Minick, PT, DPT

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

Certified Strength and Conditioning Specialist

**Friday, January 25, 2019**

**ACADEMY OF GERIATRIC PHYSICAL THERAPY PLATFORM PRESENTATIONS 2**

8:00 am–10:00 am

**Moderator:** Jessie VanSwearingen, PT, PhD, FAPTA

**Validation of the Patient Reported Outcome Information System Physical Function (PROMIS PF) Scale With Performance-Based Outcomes and STEADI (Stopping Elderly Accidents, Deaths, and Injuries) Fall Risk Classification in Community-Dwelling Older Adults**

**Presenter:** Cynthia Zabloutny, PT, DPT, MS

Board-Certified Clinical Specialist in Neurologic Physical Therapy

**Chair Rise Modification Test as a Surrogate of Gait Speed in Community Dwelling Older Adults Living Independently**

**Presenter:** Vicki LaFay, PT, DPT

Certified Strength and Conditioning Specialist

Certified Exercise Expert for Aging Adults

**Gait Speed Training: Implementing a Standard of Care That Matters**

**Presenter:** Patricia Scheets, PT, DPT, MHS

Board-Certified Clinical Specialist in Neurologic Physical Therapy

**Technology-Assisted Posture Training in Older Adults With Hyperkyphosis**

**Presenter:** Amy Gladin, PT, DPT

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Four-Limb Actigraphy to Measure Real-World Movement in Skilled Nursing Rehabilitation Patients**

**Presenter:** Marghuretta Bland, PT, DPT  
Board-Certified Clinical Specialist in Neurologic Physical Therapy

**The Impact of Dual Task Activity on Gait Speed and Timed Up and Go in People With Mild Cognitive Impairment vs No Cognitive Impairment**

**Presenter:** Neva Kirk-Sanchez, PT, PhD

**Virtual/Augmented Reality Training as an Intervention for Balance in Older Adults: A Systematic Review**

**Presenter:** Elise Davis, SPT

**Application of Inertial Sensor Turning Parameters to Predict Severe Mobility Disability**

**Presenter:** Samantha Chisholm, SPT

**Development of a Movement and Memory Program Using the PRECEDE PROCEED Model of Health Promotion**

**Presenter:** Rupal Patel, PT, PhD

**ACADEMY OF PEDIATRIC PHYSICAL THERAPY PLATFORM PRESENTATIONS 2**

8:00 am–10:00 am

**Moderator:** Charlotte Yates, PT, PhD  
Board-Certified Clinical Specialist in Pediatric Physical Therapy

**The Impact of Parent Directed Movement on Infant Positions and Transitions During a Parent Infant Free Play Session**

**Presenter:** Katherine Greenberg, SPT

**Video Coding of Posture and Gross Motor Behavior Variability in Typically Developing Children and Children With Autism Spectrum Disorder**

**Presenter:** Laurel Abbruzzese, PT, EdD

**Assessment of Reactive Seated Postural Control in Children With Torticollis: A Feasibility Study**

**Presenter:** Caroline Ubben, PT, DPT  
Certified Strength and Conditioning Specialist

**The Effects of Carbon Fiber Footplate Orthoses on 2-D Gait Kinematics of Children That Idiopathically Toe-Walk Compared to Typically Walking Children**

**Presenter:** Laura Shelton, BS

**A Mixed Method Approach to Analyzing Data Through Video Analysis and a Validated Measure of Motor Function in Children With Giant Axonal Neuropathy: A Pilot Study**

**Presenter:** Joan Elliott, PT, DPT

**Outcomes of Conservative Interventions for Children With Idiopathic Toe Walking: A Retrospective Chart Review**

**Presenter:** Suzanne Migliore, PT, DPT, MS  
Board-Certified Clinical Specialist in Pediatric Physical Therapy

**The Wide World of Pediatric Clinical Practice Guidelines**

**Presenter:** Sandra Kaplan, PT, DPT, PhD

**Transcutaneous Spinal Cord Stimulation Generates Reciprocal Lower Extremity Movement in Pediatric Patients With Motor Complete Spinal Cord Injury**

**Presenter:** Brooke Meyer, PT, DPT

**Effect of Low-Intensity Laser Therapy in Reducing Knee Painful Limitation and Gait Deviations in Children With Juvenile Idiopathic Arthritis: A Randomized Controlled Trial**

**Presenter:** Mohamed Elhamadany, PT, DPT, MS, PhD  
Board-Certified Clinical Specialist in Pediatric Physical Therapy

**CARDIOVASCULAR & PULMONARY SECTION PLATFORM PRESENTATIONS 1**

8:00 am–10:00 am

**Moderator:** Chris Wells, PT, ATC, PhD  
Certified Strength and Conditioning Specialist

**Effect of Exercise Training With and Without Blood Flow Restriction on Maximal Oxygen Consumption in Healthy Adults: A Meta-Analysis**

**Presenter:** Lawrence Cahalin, PT, PhD  
Board-Certified Clinical Specialist in Cardiovascular and Pulmonary Physical Therapy

**Arterial Blood Pressure Response to Repeated Cuff Re-Inflations Without Interposed Rests in an Elderly Population**

**Presenter:** Miriam Zveitel, BS

**Blood Flow Restriction Training in Heart Failure: A Theory Report on Likely Benefits Using the Muscle Hypothesis of Chronic Heart Failure**

**Presenter:** Angel Ceballos, SPT

**Description and Correlation of Orthostatic Hypotension and Urine Specific Gravity Among Collegiate Athletes: A Prospective Observational Study**

**Presenter:** Sara Arena, PT, DScPT, MS

**SECTION ON RESEARCH MARILYN GOSSMAN GRADUATE STUDENT  
RESEARCH SEMINAR: FUTURE FACULTY FORUM PLATFORMS**

8:00 am–10:00 am

**Moderator:** Meghan Warren, PT, MPH, PhD

**The Duration of Daily Physical Therapy Treatment in the Acute Care Setting and Its  
Association With Patient Mobility Status**

**Presenter:** Joshua Johnson, PT, DPT, ATC

**Quantification of Ballistic Signing: Is There a Difference Between Native and Non-Native  
Signers?**

**Presenter:** Gretchen Roman, PT, DPT

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Physical Function and Preamputation Characteristics Explain Walking Behavior After  
Dysvascular Amputation**

**Presenter:** Matthew Miller, PT, DPT

Board-Certified Clinical Specialist in Neurologic Physical Therapy

**Increased Pain and Fatigue Three Days After Submaximal Isometric Exercise in People  
With Fibromyalgia: Part of Exercise Recovery or Symptom Flare-Up?**

**Presenter:** Giovanni Berardi, PT, DPT

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Measurement Error in Postural Control Measures in Typically Developing Children: A  
Systematic Review**

**Presenter:** Devashish Tiwari, PT, DPT

Board-Certified Clinical Specialist in Neurologic Physical Therapy

**ACADEMY OF ORTHOPAEDIC PHYSICAL THERAPY PLATFORM  
PRESENTATIONS 4**

8:00 am–10:00 am

**Moderator:** Ameer Seitz, PT, DPT, PhD

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Falling Risk in Patients With End-Stage Knee Osteoarthritis**

**Presenter:** Moiyad Aljehani, PT, DPT

**The Severity of Pre-Fracture Basis Mobility Loss at the Time of Acute Hospital Discharge  
for Hip Fracture Is Associated With 30-Day Mortality: A One-Year Nationwide Cohort  
Study of 5,147 Danish Patients**

**Presenter:** Morten Kristensen, PT, PhD

**The Influence of Hip Pain on Muscle Performance in Dancers**

**Presenter:** Melissa Strzelinski, PT, MPT

**Hip Joint Loads Associated With High Intensity Interval Training**

**Presenter:** Caroline Campbell, SPT

**Hip Joint Muscle Forces During Gait Are Associated With Hip Joint Symptoms and Cartilage Health in Patients With Femoroacetabular Impingement Syndrome**

**Presenter:** Michael Samaan, PhD

**Development and Implementation of a Comprehensive Lifestyle and Behavioral Health Management Program for Osteoarthritis: A New Role for Physical Therapists**

**Presenter:** Morven Ross, PT, DPT

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

Fellow of the American Academy of Orthopaedic Manual Physical Therapists

**Patient Subgrouping to Inform Treatment Pathway Development for a Comprehensive Osteoarthritis Care Program**

**Presenter:** Trevor Lentz, PT, MPH, PhD

**Why Take a Shot When Phonophoresis Is There: Treatment of Knee Osteoarthritis**

**Presenter:** Mohamed Ahmed, MSc

**ACADEMY OF PHYSICAL THERAPY EDUCATION PLATFORM PRESENTATIONS  
2**

8:00 am–10:00 am

**Moderator:** Kathleen Rockefeller, PT, MPH, ScD

**Addressing the Physical Therapy (PT) Gap in Greater Cincinnati: A Feasibility Study for a Student Run PT Clinic**

**Presenter:** Melinda Earnest, SPT

**Using Simulation With Class Observation and Reflection to Enhance Acute Care Clinical Skills and Knowledge With Physical Therapy Students: A Case Study**

**Presenter:** Leslie Smith, PT, MPT

**Advent and Implementation of a Standardized Orthopaedic Clinical Education Curriculum: A Novel Approach to Clinical Education**

**Presenter:** Michael Steimling, PT, DPT

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy



**Moving from IPE to IPP on a Global Scale**

**Presenter:** Rebecca Vernon, PT, DPT

Board-Certified Clinical Specialist in Neurologic Physical Therapy

**Can an Interdisciplinary Mobility Simulation Meet the Objectives of the Interprofessional Education Collaborative (IPEC): A Qualitative Study**

**Presenter:** Kristin Lefebvre, PT, PhD

Board-Certified Clinical Specialist in Cardiovascular and Pulmonary Physical Therapy

**Improving Interprofessional Competencies and Attitudes Through Community-Based Wellness for Young Adults With Autism**

**Presenter:** Melissa Tovin, PT, MA, PhD

Board-Certified Clinical Specialist in Pediatric Physical Therapy

**Increasing the Role of Behavioral Science in Physical Therapy**

**Presenter:** Eric Kruger, PT, DPT

Certified Strength and Conditioning Specialist

**ACADEMY OF ACUTE CARE PHYSICAL THERAPY PLATFORM PRESENTATIONS  
2: EMERGING TOPICS IN PHYSICAL THERAPY TODAY**

11:00 am–1:00 pm

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

**Making the Complex Clearer: Development of a Clinical Decision-Making Algorithm for Patients With Disorders of Consciousness**

**Presenter:** Corrine Boyea, PT, DPT

**Exercise Intervention With Body-Weight Supported Ground Training for an Inpatient With Pulmonary Disease: A Case Report**

**Presenter:** Emily Burgholzer, PT, DPT

**Developing a Prehabilitation Protocol in Patients Awaiting Liver Transplant in an Acute Care Setting**

**Presenter:** Katherine Russett, PT, DPT

**Out of Bed Mobilization of Pregnant Women Following Intrauterine Repair of Myelomeningocele**

**Presenter:** Clara Gaspari, PT, DPT

Board-Certified Clinical Specialist in Neurologic Physical Therapy

**A Journey Toward Adopting a Value-Based Productivity System in Acute Care**

**Presenter:** Kelly Stratton, PT, DPT,  
Board-Certified Clinical Specialist in Neurologic Physical Therapy  
Nancy Cwiklin-Sanders, MS, OTR/L

**Safe Mobilization for Patients Post-Phalloplasty Procedures**

**Presenter:** Kristin Barker, PT, DPT

**What Do Clinical Instructors in Acute Care Expect From Physical Therapy Students on Their First Acute Care Clinical Learning Experience: A Qualitative Study**

**Presenter:** Clara Neumann, PT, DPT, MA

**ACADEMY OF NEUROLOGIC PHYSICAL THERAPY PLATFORM  
PRESENTATIONS 2**

11:00 am–1:00 pm

**Moderator:** Jill Stewart, PT, PhD

**Predicting Discharge Locomotor Function for Non-Ambulatory Individuals Post-Stroke Following Focused Stepping Practice During Inpatient Rehabilitation**

**Presenter:** Chris Henderson, PT, DPT, MSME, PhD

**Relationship Between Poststroke Depression and Self-Perception, Physical Abilities, and Physical Activity**

**Presenter:** Cathryn Ledwick, SPT

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

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

**Acute Pain During Strategic Locomotor Learning Impairs Retention**

**Presenter:** Jessica Galgiani, PT, DPT, MS

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

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

**Interhemispheric Cortical Connectivity Between Lower Limb Motor Regions Is Impaired in Stroke Survivors and Associated With Biomechanical Walking Deficits**

**Presenter:** Jacqueline Palmer, PT, DPT

**Association Between Elevated Soleus Spinal Excitability and Biomechanical Impairments in Individuals Post-Stroke**

**Presenter:** Jessica Royal, PT, DPT

**Comparison of Force-Field Based Methods to Promote Post-Stroke Gait Stabilization**

11:00 am–11:00 am

**Presenter:** Jesse Dean, PhD

**ACADEMY OF ONCOLOGIC PHYSICAL THERAPY PLATFORM PRESENTATIONS**

**1**

11:00 am–1:00 pm

**Moderator:** Shana Harrington, PT, PhD

**Tissue Dielectric Constant Measures on the Trunk in Women Following Breast Cancer Surgery**

**Presenter:** Linda Koehler, PT, PhD

Certified Lymphedema Therapist

**Upper Extremity Regional Swelling Physical Function Measure: Development, Calibration, and Initial Validation**

**Presenter:** Deanna Hayes, PT, DPT, MS

**Initial Reliability, Validity, and Clinical Efficiency of the LymphaTech System to Assess Arm Volume in Patients During and After Treatment for Breast Cancer**

**Presenter:** Jill Binkley, PT, MSc

Fellow of the American Academy of Orthopaedic Manual Physical Therapists

Certified Lymphedema Therapist

**Cancer-Related Fatigue Clinical Practice Guideline Development: An Update**

**Presenter:** Mary Fisher, PT, PhD

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Oncology Section EDGE Task Force on Cancer: A Systematic Review of Measures of Functional Mobility and Capacity**

**Presenter:** Hannah Lacy, PT, DPT

**Oncology Section EDGE Task Force on Cancer: A Systematic Review of Measures of Balance and Falls Risk**

**Presenter:** Min Hui Huang, PT, PhD

Board-Certified Clinical Specialist in Neurologic Physical Therapy

**Predicting Falls in Breast, Colorectal, Lung, and Prostate Cancer Survivors**

**Presenter:** Min Hui Huang, PT, PhD

Board-Certified Clinical Specialist in Neurologic Physical Therapy

**Challenging Contraindications: Modulation of Buttock Pain in the Presence of a Bone Metastasis**

**Presenter:** Katlin Millin, PT, DPT

**CARDIOVASCULAR & PULMONARY SECTION PLATFORM PRESENTATIONS 2**

11:00 am–1:00 pm

**Moderator:** Chris Wells, PT, ATC, PhD  
Certified Strength and Conditioning Specialist

**Physical Activity in Children With Congenital Heart Disease: A Systematic Review**

**Presenter:** Neeti Pathare, PT, PhD

**Relationship Between Preoperative Gait Speed and Discharge Disposition After Open Heart Surgery**

**Presenter:** Christopher Wilson, PT, DPT, DScPT

**Does the National Age-Adjusted Prevalence of Activity Limitation Vary by Cardiac Diagnosis?**

**Presenter:** Julie Skrzat, PT, DPT, PhD  
Board-Certified Clinical Specialist in Cardiovascular and Pulmonary Physical Therapy

**Functional Status of Patients After Transcatheter Aortic Valve Replacement Surgery in the Acute Care Setting: A Retrospective Study**

**Presenter:** Ann Fick, PT, DPT

**A Comparison Study of Strict Sternal Precautions Versus a Less Restrictive Approach for Mobility After Median Sternotomy in an Acute Care Setting**

**Presenter:** Jean Huta, PT, MS

**An Alternative Approach to Sternal Precautions Improves Length of Stay After Median Sternotomy**

**Presenter:** Jason Radfar, PT, DPT

**Positive Effects of High Intensity Interval Training (HIIT) in the Post Heart Transplant (HTx) Population: A Systematic Review**

**Presenter:** Kristin Lefebvre, PT, PhD  
Board-Certified Clinical Specialist in Cardiovascular and Pulmonary Physical Therapy

## **FEDERAL PHYSICAL THERAPY SECTION PLATFORM PRESENTATIONS 1**

11:00 am–1:00 pm

**Moderator:** Jonathan Glasberg, PT, DPT, MA  
Assistive Technology Professional Certification

### **Case Studies From Department of Veterans Affairs Physical Therapy Residency Program**

**Presenter:** William Wenninger, PT, MS

### **Pain Is All in Your Head: Cognitive Behavioral and Holistic Health Physical Therapy Strategies**

**Presenter:** Robyn Bolgla, PT, MSPT

### **Active Virtual Reality Training and Cognitive Behavioral Therapy: An Interprofessional Approach to Promote Balance Confidence, Balance, Functional Mobility, Community Participation, and Quality of Life in Trans-Tibial Prosthesis Users**

**Presenter:** Sara Kraut, PT, DPT  
Board-Certified Clinical Specialist in Neurologic Physical Therapy

### **Association Between Timing of MRI in Relation to Physical Therapy Intervention on Career Attrition in Soldiers**

**Presenter:** Nancy Henderson, PT, DPT  
Board-Certified Clinical Specialist in Orthopaedic Physical Therapy  
Certified in the McKenzie Method of Mechanical Diagnosis and Therapy

### **Exploring Dual-Task Cost With Increasingly Complex Motor Tasks in Healthy, Athletic Adults**

**Presenter:** Patrick Michielutti, PT, DPT

### **Stress Fractures: Reevaluating the Risk Factors and Clinical Presentation**

**Presenter:** Megan Hale, PT, DPT

## **SECTION ON WOMEN'S HEALTH PLATFORM PRESENTATIONS**

11:00 am–1:00 pm

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

### **Resistance Training and Biofeedback for Treatment of Anal Incontinence**

**Presenter:** Lori Tuttle, PT, PhD

### **The Effect of a Combined Pelvic Floor Muscle Training and Gross Motor Strengthening Program on Urinary Incontinence in School-Aged Children With Typical Development: A Descriptive Case Series**

**Presenter:** Tara Rudolphi, PT, DPT

**Concurrent Validity of Coccygeal Motion Palpation and Transabdominal Ultrasound Imaging in the Assessment of Pelvic Floor Function in Women**

**Presenter:** Ruth Maher, PT, DPT, PhD

Board-Certified Clinical Specialist in Women's Health Physical Therapy

Board Certified in Pelvic Muscle Dysfunction Biofeedback

**Prenatal Physical Activity and Prediction of Maternal Stress, Health Related Quality of Life, and Health Related Outcomes in UAE**

**Presenter:** Lori Walton, PT, DPT, PhD

Certified Lymphedema Therapist

**Preparing a Transgender Woman for Vaginoplasty**

**Presenter:** Kimberly Wiman, PT, DPT

**Lower Extremity Joint Loading Is Increased During Pregnancy**

**Presenter:** Jennifer Bagwell, PT, DPT, PhD

**Single Leg Balance Times With Eyes Closed Differ Throughout Pregnancy**

**Presenter:** Kristina Lam

**Strength Impairments Correlate With Gait Biomechanics in Women With Stress Urinary Incontinence**

**Presenter:** Erin Hartigan, PT, DPT, ATC, PhD

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**ACADEMY OF ORTHOPAEDIC PHYSICAL THERAPY PLATFORM PRESENTATIONS 5**

11:00 am–1:00 pm

**Moderator:** Ameer Seitz, PT, DPT, PhD

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Effectiveness of Physical Therapy Treatment in Addition to Usual Podiatry Management of Plantar Heel Pain: A Randomized Clinical Trial**

**Presenter:** Shane McClinton, PT, DPT

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

Fellow of the American Academy of Orthopaedic Manual Physical Therapists

**Radiographic Indices of Metatarsal Bone Strength in Patients With Lower Extremity Amputation Due to Critical Limb Ischemia**

**Presenter:** David Sinacore, PT, PhD, FAPTA

**Electrical Dry Needling as an Adjunct to Exercise, Manual Therapy, and Ultrasound for Plantar Fasciitis: a Multi-Center Randomized Clinical Trial**

**Presenter:** James Dunning, PT, DPT

Fellow of the American Academy of Orthopaedic Manual Physical Therapists

**Psychometric Properties of the Dance Functional Outcome Survey (DFOS): Reliability, Validity, and Responsiveness**

**Presenter:** Shaw Bronner, PT, PhD

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Rearfoot Strike Landing Pattern Run Retraining to Prevent Recurrent Calf Stains in a US Navy Service Member**

**Presenter:** Ari Baquet, PT, DPT

**Flexor Hallucis Longus Tendon Morphology in Dancers With and Without Tendinopathy**

**Presenter:** Alyssa Andersen, BFA

**Comparison of Patient-Reported Symptoms, Tendon Structure, Mechanical Properties, and Function Between Patients With Insertional and Midportion Achilles Tendinopathy**

**Presenter:** Patrick Corrigan, PT, DPT

**Video-Based Motion Analysis Use: A Survey of Orthopaedic Physical Therapists**

**Presenter:** Craig Hensley, PT, DPT

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

Fellow of the American Academy of Orthopaedic Manual Physical Therapists

**ACADEMY OF AQUATIC PHYSICAL THERAPY PLATFORM PRESENTATIONS 1**

3:00 pm–5:00 pm

**Moderator:** Anita Van Wingerden, PT, DPT

**Effects of Combined Skilled Aquatic and Land-Based Therapy Compared to Land-Based Therapy Alone on Balance and Gait in Adults After a Stroke: A Systematic Review**

**Presenter:** Megan Manzo, SPT

**Comparison of Aquatic Physical Therapy, Body Weight Support Treadmill Training, or a Combined Intervention on the Gait and Balance of Individuals With Chronic Stroke**

**Presenter:** Sarah Fishel, PT, DPT

Board-Certified Clinical Specialist in Neurologic Physical Therapy

**The Effect of Aquatic Therapy on People With Multiple Sclerosis: A Systematic Review**

**Presenter:** Evan Cohen, PT, MA, PhD  
Board-Certified Clinical Specialist in Neurologic Physical Therapy

**Impact of a 10-Week Aquatic Exercise Program on Individuals With High Levels of Disability Due to Multiple Sclerosis**

**Presenter:** Carol Sames, PhD

**Aquatic Exercise for Children With Cerebral Palsy: A Systematic Review**

**Presenter:** Yasser Salem, PT, MS, PhD  
Board-Certified Clinical Specialist in Neurologic Physical Therapy  
Board-Certified Clinical Specialist in Pediatric Physical Therapy

**Wound Management in Aquatic Physical Therapy: Transparent Film Dressings**

**Presenter:** Kristen Lambert, PT, DPT, ATC

**Skilled Aquatic-Based Therapies for Chronic Spinal Cord Injury With Complex Co-Morbidities and Invasive Appliances**

**Presenter:** Albert Recio, MD

**ACADEMY OF ONCOLOGIC PHYSICAL THERAPY PLATFORM PRESENTATIONS  
2**

3:00 pm–5:00 pm

**Moderator:** Shana Harrington, PT, PhD

**Effects of a 16-Week Combined Exercise Intervention on Physical Fitness and Body Composition in Hispanic and Non-Hispanic Breast Cancer Survivors**

**Presenter:** Christina Stewart, BS, BA

**Effect of a 16-week Aerobic and Resistance Exercise Intervention on Shoulder Function in Breast Cancer Survivors**

**Presenter:** Benjamin Yu

**Characterizing Body Composition and Physical Fitness in Breast Cancer Patients Prior to Initiation of Anthracycline Chemotherapy**

**Presenter:** Theresa Serrano

**A Model of Physical Therapy to Address Mobility Impairments Following Stem Cell Transplantation**

**Presenter:** Christopher Barnes, PT, DPT

**Stength, Balance, and Gait Speed of Persons Undergoing Hematopoietic Stem Cell Transplantation**



**Presenter:** Anne Swisher, PT, PhD, FAPTA  
Board-Certified Clinical Specialist in Cardiovascular and Pulmonary Physical Therapy

**Pre-Hospital Functional Status as an Indicator for Functional Status Post Chimeric Antigen Receptor T-Cell Therapy in Patients With Diffuse Large B-Cell Lymphoma**

**Presenter:** Lauren Miller, PT, DPT

**Physical Activity Attitudes, Behaviors, and Preferences in Low-Income Individuals With Cancer and Their Family Caregivers: A Needs Assessment**

**Presenter:** Lora Packel, PT, PhD

**Resting Heart Rate Variability and Cardiovascular Disease Risk Among Female Breast Cancer Survivors: A Pilot Study**

**Presenter:** Jacqueline Drouin, PT, PhD

**HOME HEALTH SECTION PLATFORM PRESENTATIONS**

3:00 pm–5:00 pm

**Moderator:** Tracey Collins, PT, MBA, PhD  
Board-Certified Clinical Specialist in Geriatric Physical Therapy

**The Impact of Home Health Care on Cost Effectiveness Compared to Other Post-Acute Settings in Individuals Status Post Total Joint Arthroplasty: A Systematic Review**

**Presenter:** Tracey Collins, PT, MBA, PhD  
Board-Certified Clinical Specialist in Geriatric Physical Therapy

**The Use of Cognitive Behavioral Therapy on Patients With Chronic Pain in Home Health Physical Therapy: A Systematic Review**

**Presenter:** Maura McGowan

**The Effect of Home Health Care in Reducing Hospital Readmissions: A Systematic Review**

**Presenter:** Lindsay McGraw, SPT

**Effectiveness and Feasibility of Post-Stroke and Parkinson's Disease Balance Training Using Wii Gaming Technology in the Home-Care Setting: A Multi-Site, Randomized Clinical Trial**

**Presenter:** Gregory Propst, PT, DPT

**Older Adults' and Home Care Physical Therapists' Perspectives on the Potential Usefulness and Use Ability of a Goal-Setting Patient Decision Aid**

**Presenter:** Cindy Moore, PT, DPT, MPH

**Saturday, January 26, 2019**

**ACADEMY OF ACUTE CARE PHYSICAL THERAPY PLATFORM PRESENTATIONS  
3: CLINICAL EDUCATION AND QUALITY IMPROVEMENT**

8:00 am–10:00 am

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

**Acute Care Confidence of DPT Students: Is More Than One High Fidelity Simulation  
Session Worth the Additional Cost?**

**Presenter:** Amy Bayliss, PT, DPT

**Investigating the AM-PAC 6-Clicks Standardized Functional Mobility Assessment Tool to  
Better Predict Inpatient Discharge Destinations: Phase One Results**

**Presenter:** Scott Arnold, PT, DPT

**The Effect of Neurologic Acute Care Simulation Experience Upon Clinical Decision  
Making in a Physical Therapy Curriculum**

**Presenter:** Pamela Donlan, PT, DPT, EdD

**Physical Therapy Student Perceptions of Comfort With Early Mobility Training Following  
Critical Care Simulations Using Standardized Patients**

**Presenter:** Meghan Howes

**Use of Full Immersion Virtual Reality to Address the Core Competencies for Entry-Level  
Practice in Acute Care Physical Therapy**

**Presenter:** Ashley Crow, PT, DPT

**Acute Dizziness Clinical Practice Competency**

**Presenter:** Brittany Bagshawe, PT, DPT

Board-Certified Clinical Specialist in Neurologic Physical Therapy

**Implementation of a Hospital-Based Activity Monitoring System and Clinical Implications  
With COPD: A Retrospective Cohort Study**

**Presenter:** Christopher Wilson, PT, DPT, DScPT

**ACADEMY OF CLINICAL ELECTROPHYSIOLOGY AND WOUND MANAGEMENT  
PLATFORM PRESENTATIONS**

8:00 am–10:00 am

**Moderator:** Deborah Wendland, PT, DPT, PhD

Certified Pedorthist

**Superficial to Deep Fibular Sensory Nerve Communication in the Foot: An Anatomical and Electrophysiologic Study**

**Presenter:** Samantha Cook

**Sciatic Neuropathy After Total Hip Arthroplasty**

**Presenter:** Elizabeth Painter, PT, DPT, DScPT

Board-Certified Clinical Specialist in Clinical Electrophysiologic Physical Therapy

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**The Incidence of Other Mononeuropathies or Comorbidities Associated With Ulnar Neuropathy at the Elbow**

**Presenter:** Greg Ernst, PT, PhD

Board-Certified Clinical Specialist in Clinical Electrophysiologic Physical Therapy

Board-Certified Clinical Specialist in Sports Physical Therapy

**Normal Values for Deep Fibular Nerve Musculoskeletal Ultrasound and Deep Fibular Sensory Nerve Conduction**

**Presenter:** Samantha Cook

**Establishing Clinical Efficacy of Surface Electromyography in Detecting Muscle Weakness**

**Presenter:** John Lugo, PT, MS

Board-Certified Clinical Specialist in Clinical Electrophysiologic Physical Therapy

**Needlestick Injuries Sustained by Physical Therapists While Performing Dry Needling: Prevalence, Reporting, and Causes**

**Presenter:** David Boyce, PT, EdD

Board-Certified Clinical Specialist in Clinical Electrophysiologic Physical Therapy

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**A Survey Study of Health Promotion, Wellness, and Prevention in Wound Care Environments**

**Presenter:** Deborah Wendland, PT, DPT, PhD

Certified Pedorthist

**A Survey of Current Wound Care Education in Entry-Level Doctor of Physical Therapy Curriculums**

**Presenter:** Lisa VanHoose, PT, MPH, PhD

**ACADEMY OF NEUROLOGIC PHYSICAL THERAPY PLATFORM  
PRESENTATIONS 3**

8:00 am–10:00 am

**Moderator:** Jill Stewart, PT, PhD

**The Degree of Sympathetic Interruption Predicts Core Temperature Lability and Cognitive Performance During Heat Exposure in Persons With Higher Spinal Cord Injuries**

**Presenter:** John Handrakis, PT, DPT, EdD

Board-Certified Clinical Specialist in Neurologic Physical Therapy

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

**Presenter:** Emily Fox, PT, DPT, PhD

Board-Certified Clinical Specialist in Neurologic Physical Therapy

**Effects of Ankle Joint Angle on the Soleus Stretch Reflexes During Standing in People With and Without Chronic CNS Damage**

**Presenter:** Kasey Orita, SPT

**Ambulatory Care Visits for Benign Paroxysmal Positional Vertigo in the United States: Prevalence, Treatment Recommendations, and Predictors of Physical Therapy Referral**

**Presenter:** Pamela Dunlap, PT, DPT

**The Effect of Vestibular and Exertion Training on Gait, Balance, and Dizziness in Individuals With Persistent Dizziness Following a Concussion**

**Presenter:** Jennifer Fay, PT, DPT

Board-Certified Clinical Specialist in Neurologic Physical Therapy

**Relationship Between Dizziness and Oculomotor Function in Chronic mTBI**

**Presenter:** Laurie King, PT, PhD

**Predicting Fall Risk in an Inpatient Rehabilitation Setting: The Continuity Assessment Record and Evaluation (CARE) Item Set Versus the Morse Fall Scale**

**Presenter:** Cecelia Sartor-Glittenberg, PT, PhD

Board-Certified Clinical Specialist in Neurologic Physical Therapy

**The Effect of Optical Flow Speed on Brain Activity During Static Stance: A Functional Near-Infrared Spectrometry Study**

**Presenter:** Mark Hinderaker

**CARDIOVASCULAR & PULMONARY SECTION PLATFORM PRESENTATIONS 3**

8:00 am–10:00 am

**Moderator:** Chris Wells, PT, ATC, PhD

Board-Certified Clinical Specialist in Cardiovascular and Pulmonary Physical Therapy

**Voluntary Wheel Running Improves Right Ventricular Function and Capillarization in a Rat Model of Severe, Angioproliferative Pulmonary Arterial Hypertension**

**Presenter:** Melissa Mailand, SPT

**Location of the Carotid Artery Bifurcation Relative to the Laryngeal Prominence: A Descriptive Cadaver Study With Recommendations for Safe Pulse Palpation**

**Presenter:** Robert Dekerlegand, PT, MPT, PhD

Board-Certified Clinical Specialist in Cardiovascular and Pulmonary Physical Therapy

**The Effect of Inspiratory Muscle Training on Maximum Inspiratory Pressure, Postoperative Pulmonary Complications, and Length of Hospital Stay in Patients Undergoing Coronary Artery Bypass Graft Surgery: A Systematic Review of Randomized Control Trials**

**Presenter:** Ashraf Elmarakby, PT, PhD

**Twenty-Four Hour Holter Monitoring of On-Duty Firefighters Working in a High Altitude Desert Environment**

**Presenter:** Meghan Rohde, PT, DPT

Board-Certified Clinical Specialist in Sports Physical Therapy

Board-Certified Clinical Specialist in Cardiovascular and Pulmonary Physical Therapy

Certified Dry Needling Practitioner

**Influence of Aerobic Exercise on Sleep and Salivary Melatonin in Men**

**Presenter:** Kaylee Pobocik, SPT

**Systemic Inflammatory Markers Are Linked to Inspiratory Muscle Dysfunction in COPD**

**Presenter:** Magno F. Formiga, PT

**Bridging the Gap From Active Treatment to Survivorship: Unmet Physical Therapy Needs of Lung Cancer Survivors**

**Presenter:** Megan Burkart, PT, DPT

Certified Lymphedema Therapist

**FEDERAL PHYSICAL THERAPY SECTION PLATFORM PRESENTATIONS 2**

8:00 am–10:00 am

**Moderator:** Jonathan Glasberg, PT, DPT, MA

Assistive Technology Professional Certification

**Outcomes of the Salt Lake City Osseointegration Clinical Trial Study**

**Presenter:** Benjamin Darter, PT, PhD

**When Exception to Policy Is Exceptional Policy for Productivity and Readiness**

**Presenter:** Sarah Baker, PT, DPT, DSc

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

Fellow of the American Academy of Orthopaedic Manual Physical Therapists

**Reliability of the Functional Lower Limb Amputee Gait Assessment (FLAGA) for Classification of Observational Gait Deviations in Individuals With Unilateral Lower Limb Amputation (LLA)**

**Presenter:** Robert Gailey, PT, PhD

**A Comparison of Prosthetic Mobility in Amputees With Osseointegration Versus Traditional Amputation and Socket**

**Presenter:** Robert Gailey, PT, PhD

**The Utility of the DoD/VA Mobile Device Outcomes Based Rehabilitation Program (MDORP) for Higher Functioning Service Members and Veterans With Lower Limb Amputation**

**Presenter:** Ignacio Gaunaurd, PT, MSPT, PhD

**Physical Therapists as Health and Wellness Experts: The Cincinnati VA Experience**

**Presenter:** Stephanie Christman, PT, DPT

**SECTION ON RESEARCH PLATFORM PRESENTATIONS**

8:00 am–10:00 am

**Moderator:** Meghan Warren, PT, MPH, PhD

**Physical Therapists as the First Provider Had Substantially Lower Odds of Short and Long Term Opioid Use Among Patients With New-Onset Low Back Pain**

**Presenter:** Christine McDonough, PT, PhD

**Associations Between Physical Function and Neuromuscular Characteristics in Veterans With Chronic Kidney Disease Predialysis**

**Presenter:** Jared Gollie, PhD

Certified Strength and Conditioning Specialist

**Residual Limb Wounds and Dysvascular Transtibial Amputation: Incidence and Patient Characteristics**

**Presenter:** Paul Kline, PT, PhD

**Tracking Body Composition in Adolescents**

**Presenter:** Allison Butcher, SPT

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

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

**Use of Robot Interaction to Identify Kinematic Differences in the Accuracy of Imitative Gesturing Between Individuals With and Without Autism Spectrum Disorder (ASD)**

**Presenter:** Haylie Miller, PhD

**Altered Coordination Strategies During Running Following Partial Meniscectomy**

**Presenter:** Marie Morrissette, PT, DPT

**ACADEMY OF ORTHOPAEDIC PHYSICAL THERAPY PLATFORM PRESENTATIONS 6**

8:00 am–10:00 am

**Moderator:** Ameer Seitz, PT, DPT, PhD

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Does Multidimensional Health Assessment Using PROMIS Scales Enhance Clinical Decision Making for Patients With Orthopedic Problems? Case Series**

**Presenter:** Jeff Houck, PT, PhD

**Patient-Defined Outcomes Differ by Age for Individuals With Musculoskeletal Pain**

**Presenter:** Abigail Wilson, PT, DPT

**Is There Association Between Demographic and Psychosocial Profiles, and Pain Processing Mechanisms Among Healthy Adults?**

**Presenter:** Carla Enriquez, PT, DPT

**Does Joint Hypermobility Exacerbate Pain, Functional Disability, and Gait Changes in Adolescents With Juvenile Fibromyalgia?**

**Presenter:** Tiffany Marulli, PT, DPT

**Preoperative and Postoperative Psychologically Informed Physical Therapy: A Systematic Review of Randomized Trials Among Patients With Degenerative Spine, Hip, or Knee Conditions**

**Presenter:** Rogelio Coronado, PT, PhD

**The Association Between Chronic Non-Arthritic Peripheral Joint Pain and Multiple Sleep Complaints: A Secondary Data Analysis of a National Cross-Sectional Survey**

**Presenter:** Kenneth Taylor, PT, DPT  
Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Development of a Musculoskeletal Imaging Competency Examination for Physical Therapists**

**Presenter:** Troy Burley

**Use of Intermountain Health Care's Rehabilitation Outcomes Management Systems (ROMS) to Quantify Patient Outcomes in a Private Practice Setting: A Brief Look at Before and After Implementation**

**Presenter:** Lee Marinko, PT, ScD  
Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**ACADEMY OF PHYSICAL THERAPY EDUCATION PLATFORM PRESENTATIONS  
3**

8:00 am–10:00 am

**Moderator:** Kathleen Rockefeller, PT, MPH, ScD

**Go Outside! Promoting Parks and Community Engagement**

**Presenter:** Erin Wentzell, PT, DPT  
Board-Certified Clinical Specialist in Pediatric Physical Therapy

**LEARN PT: Developing a Collaborative Physical Therapy Education Research Laboratory**

**Presenter:** Stephen Jernigan, PT, PhD  
Fellow of the National Academies of Practice

**Stress and Coping Mechanisms in Occupational Therapy, Physical Therapy, and Physician Assistant Students**

**Presenter:** Joy Karges, PT, MS, EdD

**Effect of Emotional Intelligence and/or Extrovert Bias on Perceived Stress Levels in DPT Students**

**Presenter:** Scott Richardson, PT, MPT

**Enhancing Teaching Skills in Clinical Faculty Instructing in a Physical Therapy Program: Development of an Innovative Training Program**

**Presenter:** Catherine Bilyeu, PT, DPT  
Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Rubric Development for Vestibular Rehabilitation Practical Exams in Entry-Level DPT Education**



**Presenter:** Rachel Tappan, PT, DPT  
Board-Certified Clinical Specialist in Neurologic Physical Therapy

**The Impact of Leadership Development Curriculum Through the Eyes of the Doctor of Physical Therapy Student**

**Presenter:** Alice Davis, PT, DPT

**ACADEMY OF ORTHOPAEDIC PHYSICAL THERAPY PLATFORM  
PRESENTATIONS 7**

11:00 am–1:00 pm

**Moderator:** Ameer Seitz, PT, DPT, PhD  
Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Trajectories of Sport or Recreational Activities Over Eight Years and Associated Factors in Persons at Risk for Knee OA**

**Presenter:** Alison Chang, PT, DPT, MS

**Center of Pressure and Vertical Ground Reaction Force Predict Knee Extensor Moment Deficits Following Anterior Cruciate Ligament Reconstruction: Implications for Clinical Assessments**

**Presenter:** Sara Almansouri, PT, MS

**Characterization of Sagittal Plane Joints Demands During a Triple Hop Task: Implications for Clinical Interpretation**

**Presenter:** Nicole Schwery

**Physical Activity and Physical Function Before and After Total Knee Arthroplasty**

**Presenter:** Joseph Zeni, PT, PhD

**The Association Between Change in Physical Activity and Change in Health-Related Quality of Life After Total Knee Replacement**

**Presenter:** Meredith Christiansen, PT, DPT

**Periosteal Electrical Dry Needling as an Adjunct to Exercise and Manual Therapy for Knee Osteoarthritis: A Multi-Center Randomized Clinical Trial**

**Presenter:** James Dunning, PT, DPT  
Fellow of the American Academy of Orthopaedic Manual Physical Therapists

**Treadmill Gait Retraining Improves Knee Joint Position Sense in Women With Knee Hyperextension Gait Pattern**

**Presenter:** Patricia Teran Wodzinski, PhD

**A Specific Protocol of Autologous Bone Marrow Concentrate and Platelet Products Versus Exercise Therapy for Symptomatic Knee Osteoarthritis: A Randomized Controlled Trial With a Two Year Follow-Up**

**Presenter:** Mary Langhenry, PT

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**ACADEMY OF PHYSICAL THERAPY EDUCATION PLATFORM PRESENTATIONS  
4**

11:00 am–1:00 pm

**Moderator:** Kathleen Rockefeller, PT, MPH, ScD

**Biomechanical Characteristics of Lumbar Spine Manipulation in Expert, Resident, and Student Therapists**

**Presenter:** Joseph Derian, PT, DPT

**Does the Structure of a Professional Network Predict Early Career PT Faculty Scholarly Activity?**

**Presenter:** Betsy Becker, PT, DPT

**Predicting Success on the National Physical Therapy Examination: Systematic Review and Meta-Analysis**

**Presenter:** Mitch Wolden, PT, DPT, PhD

**Substance Use Disorder Education in Physical Therapy Curriculum**

**Presenter:** Rania Karim, PT, DPT

Board-Certified Clinical Specialist in Geriatric Physical Therapy

Certified Exercise Expert for Aging Adults

**Development and Implementation of a Novel Test Bank for a Course Utilizing Blackboard Over Multiple Campuses of a University**

**Presenter:** Kevin Kunkel, PT, MSPT, PhD; Bill Ganza, EdD

**Effects of Perfectionism on Distress and Burnout in Doctor of Physical Therapy Students**

**Presenter:** Petra Williams, PT, PhD

Board-Certified Clinical Specialist in Neurologic Physical Therapy

**Amputee Rehabilitation and Prosthetics Curricula in Physical Therapy Professional Education Programs**

**Presenter:** Toran MacLeod, PT, PhD

**AMERICAN ACADEMY OF SPORTS PHYSICAL THERAPY, INC PLATFORM  
PRESENTATIONS: RESIDENCY CASES**

3:00 pm–5:00 pm

**Moderator:** Michael Mullaney, PT, DPT

**Hip and Trunk Excursion During Single-Leg Hop Landing Predicts Second ACL Injury Risk**

**Presenter:** Alexa Martinez, PT, DPT  
Certified Strength and Conditioning Specialist

**Lysis of Adhesions for Loss of Motion After ACL Reconstruction: A Matched-Control Analysis**

**Presenter:** Shelby Williams

**Effects of Blood Flow Restriction Training on Rotator Cuff Strength**

**Presenter:** Daniel Himmerick, PT, DPT  
Certified Strength and Conditioning Specialist

**The Influence of Anterior Knee Pain on Function and Timing of Return-to-Play Following Anterior Cruciate Ligament Reconstruction With Patellar Tendon Autograft**

**Presenter:** Macy Kimminau, PT, DPT

**Baseline Penn Score Identifies Patients Not Likely to Respond to Physical Therapy Treatment in Patients With Shoulder Instability**

**Presenter:** Sarah Kate Peterson, PT, DPT

**Physical Activity Engagement and Perceived Effects in the First 28 Days After Concussion**

**Presenter:** Michael Turnwald, SPT  
Certified Strength and Conditioning Specialist

**Association Between Functional Hop Test Performance and Quadriceps Strength in Patients Recovering From ACL Reconstruction**

**Presenter:** Melissa Ball, PT, DPT

**Relationship Between KJOC Scores and Elbow Range of Motion in Baseball Players With an Ulnar Collateral Ligament Tear**

**Presenter:** Samuel Imbus

**Relationship Between Maximum Hip Isometric Strength, Peak Gluteal Muscle Force Values, and Hip Kinematics During Running**

**Presenter:** Michael Rodriguez, PT, DPT

**The Relationship Between Physical Performance Measures and Skill Level in Competitive Tennis Players: A Pilot Study**

**Presenter:** Kenneth Palmer, PT, DPT

Board-Certified Clinical Specialist in Sports Physical Therapy  
Certified Strength and Conditioning Specialist

**SECTION ON HEALTH POLICY AND ADMINISTRATION PLATFORM  
PRESENTATIONS 3**

3:00 pm–5:00 pm

**Moderator:** Jason Falvey, PT, DPT

Board-Certified Clinical Specialist in Geriatric Physical Therapy

**Using the AM-PAC “6-Clicks” Inpatient Basic Mobility Short Form to Guide Interventions for Mobility and Patient Education in Acute Care**

**Presenter:** Claire Child, PT, DPT, MPH

Certified Strength and Conditioning Specialist

**Implementation of Physical Therapy in Multidisciplinary Clinics**

**Presenter:** Maureen Sullivan, MSW, MBA

**Lessons Learned in Advocacy and Advice for Legislative Success: The Experience of Adding Dry Needling to the Idaho Physical Therapy Practice Act**

**Presenter:** Lance Gerber, PT, DPT

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

**Developing and Comparing Tailored Functional Status Measures Across the Continuum of Post-Acute Care**

**Presenter:** Pallavi Sood

**Chronic Low Back Pain Experiences of Low-Income Immigrants in an Hispanic Community in Midvale, Utah, and Their Relevance to Physical Therapy Practice**

**Presenter:** Katey Blumenthal, PT, DPT, MA

**ACADEMY OF ORTHOPAEDIC PHYSICAL THERAPY PLATFORM  
PRESENTATIONS 8**

3:00 pm–5:00 pm

**Moderator:** Ameer Seitz, PT, DPT, PhD

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

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

**Presenter:** Ian Young, PT, DSc

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy

Board-Certified Clinical Specialist in Sports Physical Therapy  
Certified in the McKenzie Method of Mechanical Diagnosis and Therapy

**Clinical Interpretation of the Neck Functional Status Computer Adaptive Test**

**Presenter:** Daniel Deutscher, PT, PhD

**Cervical Muscle Volume in Individuals With Idiopathic Neck Pain: A Magnetic Resonance Imaging Study**

**Presenter:** Suzanne Snodgrass, PT, ATC, MMedSc(Physio), PhD

**Relationship Between Occupational Health Outcome of the STarTBack Tool, Oswestry and Return to Work for Patients With Low Back Pain**

**Presenter:** Jon Mauszycki, PT, DPT

**The Use of Graded Neck Strengthening and Proprioceptive Exercises Within a Multi-Modal Program to Improve Neck Flexor Endurance and Function in Patients With Cervicogenic Headache: 2 Case Reports**

**Presenter:** Scott Siverling, PT, DPT

**High Performing Physical Therapists Consistently Use Skilled Interventions for Patients With Low Back Pain Despite Baseline Disability**

**Presenter:** Adam Lutz, PT, DPT

**Utilization of Physical Therapy Services for Chronic Low Back Pain in the One Year Prior to Spine Surgery**

**Presenter:** Jessica Carrigan, SPT

**Is There a Difference in Utilization and Outcomes for Patients With Low Back Pain Who Have Been Treated by a Physical Therapist Versus a Physical Therapist and Physical Therapist Assistant**

**Presenter:** Pamela Dibblee, PT, DPT

Board-Certified Clinical Specialist in Orthopaedic Physical Therapy