



Platform Presentations

Categorized by day, then alphabetically by Section name, then by presentation order. Information subject to change, updated 11/20/18.

Thursday, January 24, 2019

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 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

**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

Screen for Trauma Associated Concussion (STACon): 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

**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

**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: Anee 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: Morgan Alexander, PT, DPT

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: Steven George, PT, PhD

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 Zablony, 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

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: Brandy-Joe Milliron, 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 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 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 Gaunard, 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: Kristin Archer, PT, DPT, 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: Amee 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

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

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

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 Carrignan, 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