



Platform Presentations

*Categorized by day, then alphabetically by Section name, then by presentation order.
Information subject to change. For current programming, refer to
<http://www.apta.org/CSM/programming/> or the CSM mobile app.*

Thursday, February 22, 2018

Academy of Acute Care Physical Therapy Platform Presentations 1

11:00 am–1:00 pm

Moderator: Kerry Lammers, PT, DPT

Enhanced Recovery After Surgery: Physical Therapy Modifications to Reduce Total Joint Length of Stay

Presenter: Patrick Rugo, PT, DPT

Determining AM-PAC “6-Clicks” Functional Assessment Cutoff Scores to Predict Discharge Destination in Patients Following Total Joint Replacement

Presenter: Dana Maida, PT, DPT

Very Early Mobilization of Neurointensive Care Patients After Placement of Extraventricular Drains

Presenter: Scott Arnold, PT, DPT

Physical Therapy Wound and Functional Intervention in a Patient With an Open Abdomen and Acute Respiratory Distress Syndrome

Presenter: Elizabeth Steele, PT, DPT

Early Rehab Quality Improvement Project Demonstrates Cost Savings While Validating Safe and Effective Physical and Occupational Therapy in a Critical Care Unit

Presenter: Romina Bello, PT, DPT

The Relationship Between Muscle Strength and Function on One’s Ability to Swallow: A Pilot Study

Presenter: Ann Fick, PT, DPT

Categorized by day, then alphabetically by Section name, then by presentation order.

Predictors of Functional Decline in Hospitalized Older Adults: A Systematic Review of the Literature

Presenter: Molly Hickey, PT, DPT

The Combination of Adductor Canal Block and Periarticular Injection With an Accelerated Rehabilitation Protocol: A Novel Technique for Patients Undergoing Total Knee Replacement (ACB PAI)

Presenter: Rupali Soeters, PT, PhD, MEd

Implementing a Mobility Protocol in Six Specialty Intensive Care Units

Presenter: Heidi Tymkew, PT, DPT, MHS

Mobilizing Patients Undergoing Continuous Renal Replacement Therapy (CRRT): A Case Series

Presenter: Janelle Gilmer, PT, DPT

Academy of Clinical Electrophysiology and Wound Management Platform Presentations

8:00 a.m. – 10:00 a.m.

Moderator: Kathleen Galloway, PT, DSc

Incidence of Adverse Effects With Trigger Point Dry Needling

Presenter: Courtney Campbell

Upper Lumbar Radiculopathy Contributing to Chronic Knee Pain in a Patient With Ehlers-Danlos Syndrome

Presenter: Elizabeth Painter, PT, DPT, DScPT

Upper Trunk Brachial Plexopathy Following Trigger Point Injection

Presenter: Elizabeth Painter, PT, DPT, DScPT

A Comparison of Smartphone Application Analysis to Visual Estimation of Wound Bed Tissue Composition

Presenter: Karen Albaugh, PT, DPT, MPH

Long Thoracic Nerve Conduction: Gender and BMI Differences

Presenter: Kathleen Galloway, PT, DSc

Categorized by day, then alphabetically by Section name, then by presentation order.

The Implementation of the Skin Impairment Measure Into PT Wound Care Practice

Presenter: Maggie Magovich, PT, DPT, MBA

Innovations in Pressure Ulcer Prevention and Management: Lessons From SCI Rehab

Presenter: Marci Ruediger, PT, MS

A Cooling Wheelchair Cushion Design for Pressure Injury Prevention: A Proof-of-Concept Study

Presenter: Myla (Myles) Quiben, PT, DPT, PhD, MS

Academy of Geriatric Physical Therapy Platform Presentations 1

3:00 pm–5:00 pm

Moderator: Jessie VanSwearingen, PT, PhD

Pneumonia Readmissions in Older Adults With Dementia

Presenter: Sara Knox, PT, DPT, PhD

Development of a Snapshot Tool to Enhance Clinical Usefulness of the PROMIS® Physical Function Measure

Presenter: Ryan Jacobson, PT, DPT

The Physical Therapy Experience for Older Adults Following an Injurious Fall Requiring Hospitalization: A Phenomenological Investigation

Presenter: Connie Bogard, PT, PhD

The Impact of Age on Response to Outpatient Physical Therapy

Presenter: Casey McMahan, PT, DPT

Factors Contributing to and Militating Against Physical Therapists' Decisions to Work With Older Adults

Presenter: Susan Wenker, PT, MS

A Retrospective Data Analysis to Reduce Practice Variance: A Qualitative Review of Clinician Self-Reported Examination and Treatment Techniques for the Geriatric Patient

Presenter: William Dieter, PT, DPT

The Case of “Academies” Collaborating to Enrich PTNow’s Evidence-Based Resources for Cognitive Assessment

Presenter: E. Anne Reicherter, PT, DPT, PhD

Categorized by day, then alphabetically by Section name, then by presentation order.

Rehabilitation Services Use Among Older Adults Who Screen Positive for Moderate-to-High Fall Risk

Presenter: Nancy Gell, PT, PhD, MPH

Test-Retest Reliability of the Repetitive Step Test in Community-Dwelling Older Adults

Presenter: Harold Merriman, PT, PhD

Academy of Neurologic Physical Therapy Platform Presentations 1: Parkinson Disease and Balance Disorders

11:00 am–1:00 p,

Moderator: Patrick Sparto, PT, PhD

Rate of Progression in Activity and Participation Outcomes in Exercisers With Parkinson Disease

Presenter: Stephanie Combs-Miller, PT, PhD

Association of APOE and GBA Variants With Postural Instability/Gait Disturbance in People With Parkinson Disease

Presenter: Valerie Kelly, PT, PhD

Low Back Pain in Parkinson Disease: Impact on Functional Activities, Motor Severity, Physical Activity, and Quality of Life

Presenter: Ryan Duncan, PT, DPT

Does the Sway Balance Mobile Application Predict Future Falls in People With Parkinson Disease Beyond Other Accepted Clinical Measures or Fall History?

Presenter: Connie Fiems, PT, MPT, DHSc

Perceived Stability Across Conditions of the Modified Clinical Test of Sensory Integration for Balance Differs Based on History of Falling

Presenter: Eric Anson, PT, MPT

The Effect of Aging on Brain Activity During Different Visual Sensory Integration Balance Conditions: A Functional Near-Infrared Spectrometry Study

Presenter: Cameron Blanton

Use of Near-Infrared Spectroscopy to Examine Cerebral Activation During Optic Flow in Individuals With and Without Complaints of Visual Vertigo

Categorized by day, then alphabetically by Section name, then by presentation order.

Presenter: Carrie Hoppes, PT, DPT

Title: Gaze Stability in Healthy Elite Level Athletes

Presenter: Shelly Massingale, PT, MPT

Academy of Pediatric Physical Therapy Platform Presentations 1

8:00 am–10:00 am

Moderator: Jill Heathcock, PT, MPT, PhD

Electroencephalography and Infant Motor Proficiency During Development of Prone Locomotion

Presenter: Thubi Kolobe, PT, PhD

Caregiver Perception as an Outcome Measure: Discriminate Validity and Responsiveness of the Infant Motor Activity Log in Infants With Asymmetric Cerebral Palsy

Presenter: Helen Carey, PT, DHSc

Short-Burst Interval Treadmill Training: Walking Capacity and Performance in Cerebral Palsy

Presenter: Kristie Bjornson, PT, PhD, MS

Sitting Abilities Predict Early Problem Solving Skills in Infants With Motor Delays

Presenter: Tanya Tripathi

Congenital Muscular Torticollis: Comparing Infants Completing and Not Completing Physical Therapy

Presenter: Kelly Greve, PT, DPT

Increasing Selective Hip-Knee Control of Infants at High Risk for Cerebral Palsy: A Feasibility Study

Presenter: Barbara Sargent, PT, PhD

The Test of Infant Motor Performance Is Related to Cognitive and Language Outcomes at 2 Years of Age in High-Risk, Preterm Infants

Presenter: Colleen Peyton, PT, DPT

Sensory Processing Behavior in Children With Developmental Coordination Disorder

Presenter: Lin-Ya Hsu, PT, PhD

Categorized by day, then alphabetically by Section name, then by presentation order.

Education Section Platform Presentations 1

11:00 a.m. – 1:00 p.m.

Moderator: Tamara Struessel, PT, DPT

Enhancing Clinical Decision Making: Making the Case for a Case Rounds Seminar Course

Presenter: William Thompson, PT, DPT, PhD

Physical Therapy Students and Boy Scouts as Community Partners in Health Promotion and Wellness Service Learning

Presenter: Sara Arena, PT, DScPT, MS

Expanding an Innovative Multiple Sclerosis Training Program Within a DPT Curriculum

Presenter: Catherine Siengsukon, PT, PhD

Exploring the Impact of an Intensive 8-Week Gross Anatomy Course on DPT Students' Self-Directed and Deep Level Learning

Presenter: Amy Heath, PT, DPT, PhD

Why Don't I Look Like Her? The Interaction Between Social Media, Body Dissatisfaction, and Physical Therapy

Presenter: Jillian Ramos, PT, DPT

Moving Towards Patient-Centered Care: Assessment of Need for Lesbian, Gay, Bisexual, Transgender, and Queer Health Care Training in Doctor of Physical Therapy Programs

Presenter: Cheryl Kerfeld, PT, PhD

Health Literacy on the Forefront: Preparing Doctor of Physical Therapy Students to Be Leaders in Patient Education

Presenter: Dana Martin, PT, DSc

Mission Possible: Maximizing Student Engagement in Your Business Content

Presenter: Eric Sawyer, PT, DPT

Physical Therapist Students' Understanding of Physical Therapy Practice: A Longitudinal Study

Presenter: Sara Gilliland, PT, DPT, PhD

Categorized by day, then alphabetically by Section name, then by presentation order.

Orthopaedic Section Platform Presentations 1

8:00 am–10:00 am

Moderator: Ameer Seitz, PT, DPT, PhD

The Minimal Clinically Important Difference and Responsiveness of the Penn Shoulder Score, American Shoulder and Elbow Surgeons Shoulder Score, and the QuickDASH in Patients With Shoulder Disorders

Presenter: Brian Leggin, PT, DPT

The Influence of Manual Therapy and Exercise Dosage on Patient Outcomes for Patients With Shoulder Pain

Presenter: Justin Loss

The Value of Glenohumeral Internal Rotation Loss and the External Rotation/Internal Rotation Strength Ratio to Prediction of Western Ontario Rotator Cuff Index Scores in Individuals With Chronic Subacromial Impingement Syndrome

Presenter: Jason Woollard, PT, PhD

Feasibility and Efficacy of a Closed Chain Strengthening Protocol for Patients With Full Thickness Rotator Cuff Tears

Presenter: Federico Pozzi, PT, PhD, MA

The Immediate Effects of a Seated Versus Supine Upper Thoracic Spine Thrust Manipulation Compared to Sham Manipulation in Individuals With Subacromial Pain Syndrome

Presenter: Jason Grimes, PT, DPT, ATC, PhD

Effect of a Progressive Resistive Exercise Program on Lower Trapezius Cross-Sectional Thickness and Strength

Presenter: Jon Rose, PT, ATC, MS

The Relationship Between Glenohumeral Kinematics and Subacromial Proximities

Presenter: Rebekah Lawrence, PT, DPT

Comparison of 3-Dimensional Shoulder Motion During the Hawkins-Kennedy Test and the Sidelying Sleeper Stretch

Presenter: Cort Cieminski, PT, PhD, ATR

Categorized by day, then alphabetically by Section name, then by presentation order.

Orthopaedic Section Platform Presentations 2

11:00 am–1:00 pm

Moderator: Eric Robertson, PT, DPT

The Spatiotemporal Changes in Neck Muscle Fat Infiltration (MFI) in Whiplash-Associated Disorders (WAD)

Presenter: Rebecca Abbott

A Comparison of Nonsurgical Treatment Methods for Patients With Lumbar Spinal Stenosis

Presenter: Michael Schneider, DC, PhD

Trunk Repositioning Error During a Repeated Flexion Task in Asymptomatic Young Adults.

Presenter: Bradley Myers, PT, DPT

Health-Seeking Behavior as an Explanation of Health Services Utilization for Neck and Back Pain

Presenter: Derek Clewley, PT, DPT

Cervical Spine Dysfunction in People With Persistent Post-Concussion Symptoms: A Prospective Case Series

Presenter: Ewan Kennedy, PT, PhD

Timing of Physical Therapy Consultation on 1-Year Health Care Utilization and Costs in Patients Seeking Care for Neck Pain

Presenter: Maggie Horn, PT, DPT, PhD, MPH

Physical Therapy Utilization Following an Emergency Department Visit for Low Back Pain

Presenter: Keith Roper, PT, DPT

Using Ultrasound Imaging to Dose Neuromuscular Electrical Stimulation in Patients With Back Pain

Presenter: Jaclyn Sions, PT, PhD

Categorized by day, then alphabetically by Section name, then by presentation order.

Orthopaedic Section Platform Presentations 3

3:00 pm–5:00 pm

Moderator: Rogelio Coronado, PT, PhD

Risk Model Development for Additional Health Care Use Following an Episode of Physical Therapy for Musculoskeletal Pain

Presenter: Trevor Lentz, PT

Optimal Screening for Prediction of Referral and Outcome (OSPRO) for Musculoskeletal Pain Conditions: Results From the Validation Cohort

Presenter: Steven George, PT, PhD

Prediction of Persistent Musculoskeletal Pain at 12 Months: A Secondary Analysis of the Optimal Screening for Prediction of Referral and Outcome (OSPRO) Validation Cohort Study

Presenter: Jason Beneciuk, PT, PhD, MPH

Placebo Disclosure Does Not Result in Negative Changes in Mood or Attitudes Towards Health Care or the Provider

Presenter: Joel Bialosky, PT, PhD

Effectiveness of an Interdisciplinary Outpatient Program on Disability for People With Chronic Low Back Pain

Presenter: Corinne Cooley, PT, DPT

Short-Term Outcomes of a Psychologically-Informed Physical Therapy (PIPT) Treatment in Marines and Sailors With Musculoskeletal Injuries (MSI) Aboard a United States Navy Aircraft Carrier

Presenter: Marco Campello, Ph.D.

Evaluation of a Sequential Cognitive and Physical Treatment Approach for Patients With Patellofemoral Pain: A Randomized Controlled Trial

Presenter: Mitchell Selhorst, PT, DPT

The Effects of Fear-Avoidance Beliefs on Anterior Knee Pain and Physical Therapy Visit Count for Pediatric Patients: A Retrospective Review

Presenter: Christine Mansfield, PT, DPT

Categorized by day, then alphabetically by Section name, then by presentation order.

Section on Health Policy and Administration Platform Presentations 1

8:00 am–10:00 am

Moderator: Jean Weaver, PT, MBA

A Novel Physical Therapist-Led Worksite Wellness Program for Home Care Aides

Presenter: Margaret Danilovich, PT, DPT, PhD

Functional Status Is Associated With 30-Day Potentially Preventable Hospital Readmissions Following Inpatient Rehabilitation Among Aged Medicare Fee-for-Service Beneficiaries

Presenter: Addie Middleton, PT, DPT, PhD

Telerehabilitation Utilization Within the Veterans Administration Health Care System Over the Past 6 Years

Presenter: Angela MacCabe, PT, DPT

A Spatial Analysis of Disparities in Access to Physical Therapy Services in the Denver Metro Region Using Mapping Technology

Presenter: Corey Rovzar, PhD

Evaluating the Utilization of Physical Therapy and Spinal Surgery Among Older Adults With Lumbar Spinal Stenosis

Presenter: Catherine Schmidt, PT, DPT, PhD, MS

Technology to Track Adherence: Smartwatches Can Detect Walker and Cane Use in Older Adults at a High Risk of Falls

Presenter: Stephen Antos, PT, DPT

Section on Health Policy and Administration Platform Presentations 2

11:00 am–1:00 pm

Moderator: Jean Weaver, PT, MBA

Come Out From Behind the Walls: A Church-Based Walking Program to Increase Physical Activity in Chicago's Austin Community

Presenter: William Healey, PT, EdD

Categorized by day, then alphabetically by Section name, then by presentation order.

Comparative Analysis of Utilization After Surgery, Physical Therapy, and Watchful Waiting for Treatment of Rotator Cuff Tears Using Instrumental Variables

Presenter: Adam Lutz, PT, DPT

Predictors of Persistently High-Cost Health Care Utilization for Musculoskeletal Pain

Presenter: Trevor Lentz, PT

The Influence of a Co-located Physical Therapist in a Primary Care Medical Home on Opioid Prescriptions and Emergency Department Visits

Presenter: Marissa Carvalho, PT, DPT

Outpatient Physical Therapy Presence and Access in Medically Underserved Chicago Communities

Presenter: William Healey, PT, EdD

Improving Access to Physical Therapy and Reducing Missed Evaluations Using Predictive Modeling

Presenter: Lucas VanEtten, PT, DPT

Sports Residency Platform Presentations

8:00 am–10:00 am

Moderator: Craig Garrison, PT, ATC, PhD

Sex and Speed Differences in Running Mechanics of Collegiate Cross-Country Athletes

Presenter: Lauren Erickson, PT, DPT

Tibial Bone Density Is Associated With Running Biomechanics

Presenter: Corey Block, PT, DPT

Femoral Nerve Blockade Leads to Greater Knee Extension Loss When Compared to Adductor Canal Blockade Following ACL Reconstruction: An Analysis at 6 Months

Presenter: Steven Higbie, PT, DPT

Comparison of External and Internal Load During Flatground and Mound Pitching

Presenter: Duncan Evans, PT, DPT

The Influence of “In-Sport” Versus “Out-of-Sport” Injuries on Psychological Readiness After ACL Reconstruction

Presenter: Jenifer Presley

Categorized by day, then alphabetically by Section name, then by presentation order.

Do Common Measures of Knee Extensor Function Predict Self-Report Knee Function at 12 Weeks Following ACLR?

Presenter: Philip Van Dyke, PT, DPT

No Differences in Hip Range of Motion Exist Between Baseball Players With an Ulnar Collateral Ligament Tear and Healthy Baseball Players

Presenter: Michelle Anumba

Altered 2D Frontal Plane Motion Present in Patients Who Sustain ACL Graft Rupture After ACL Reconstruction

Presenter: Grant Poston, PT, DPT

The Correlation Between Gluteal and Quadriceps Strength, Lateral Lower Extremity Power, and Frontal Plane Functional Performance in Patients Returning to Sport Following Anterior Cruciate Ligament Reconstruction (ACL-R)

Presenter: Bonnie Zeiger, PT, DPT

Effect of Lower Body Positive Pressure Treadmill on Natural Running Cadence

Presenter: Josie Oakland, PT, DPT, ATC

Sports—Science Meets Practice Platform Presentations: Whether Cam Presentation Is Morphology or Pathology

11:00 am–1:00 pm

Moderator: Charles Thigpen, PT, ATC, PhD

Hip Adaptations in High School Ice Hockey Players

Presenter: Brandon Schmitt, PT, DPT, ATC

Gait Retraining Improves Loading Asymmetry, Pain, and Running Function After Anterior Cruciate Ligament Reconstruction

Presenter: Erin Florkiewicz, MS, ATC

Transverse Hip Kinematics During a Rotational Specific Task: Comparison Between Femoroacetabular Impingement Patients and Healthy-Matched Peers

Presenter: Caitlin Miller, PT, DPT

Speed, Not Magnitude, of Hip Extensor Torque Production Is Associated With Trunk and Hip Kinematics During Overground and Treadmill Running

Categorized by day, then alphabetically by Section name, then by presentation order.

Presenter: Madeline Murphy

Sports—Excellence in Research Platform Presentations

3:00 pm–5:00 pm

Moderator: Charles Thigpen, PT, ATC, PhD

Trunk Lean During a Single-Leg Squat Is Associated With Trunk Lean During Pitching

Presenter: Lori Michener, PT, ATC, PhD

The Effect of a 6-Week Weighted Ball Throwing Program on Pitching Velocity and Arm Stress

Presenter: Mike Reinold, PT, DPT

Diagnostic Validity of Combining History Elements and Physical Examination Tests for Partial or Complete Anterior Cruciate Ligament Tears

Presenter: Simon Décary, PhD

Participants at 3 Months Postoperative Anterior Cruciate Ligament Reconstruction (ACL-R) Demonstrate Differences in Lower Extremity Energy Absorption Contribution and Quadriceps Strength Compared to Healthy Controls

Presenter: J. Craig Garrison, PT, ATC, PhD

Clinical and Return-to-Sport Outcomes by Graft Type After Completion of a Secondary ACL Prevention Program

Presenter: Angela Smith, PT, DPT, ATC

Frontal and Transverse Plane Hip and Knee Kinematics Are Related to Increases in Patellofemoral Joint Cartilage T1rho Following Anterior Cruciate Ligament Reconstruction: A 3-Year Longitudinal Study

Presenter: Hsiang-Ling Teng, PT, PhD

Friday, Feb 23, 2018

Academy of Acute Care Physical Therapy Platform Presentations 2

3:00 pm–5:00 pm

Moderator: Kerry Lammers, PT, DPT

Feasibility, Safety, and Functional Impact of Physical Therapy During Hemodialysis: A Systematic Review

Presenter: Dana Maida, PT, DPT

Shifting Physical Therapy Time Toward Patients With an ICU Event Can Improve Patient-Centered Outcomes

Presenter: Melissa Bass, PT, DPT

The Experiences of Nursing and Physical Therapy Students in the Acute Care Hospital Following Simulation-Based Interprofessional Education

Presenter: Steve Wiley, PT, PhD

Predicting Student Preparedness for Acute Care Clinical Placements: A Multiprogram Examination of the Acute Care Confidence Survey

Presenter: Anson Rosenfeldt, PT, DPT, MBA

Physical Therapy Intervention for an Individual With Severe Thrombocytopenia Following Hematopoietic Stem Cell Transplant (HSCT): A Case Report

Presenter: Stephanie Covert, PT

Ambulatory Status Is Associated With Daily Call Bell Frequency in Hospitalized Neurosciences Patients

Presenter: Kara Shumock, PT, DPT

Creating a Protocol for the Mobilization of Patients With Critical Lines: A Physical Therapist–Driven Multidisciplinary Initiative

Presenter: Sara Krasney, PT, DPT

Identifying Current Trends Between Therapy Treatment Time and Patient Outcomes on a Neurological Acute Care Unit

Presenter: Christine Ryan, PT

Safety and Feasibility of Mobilizing Patients With External Ventricular Drains and Lumbar Drains

Categorized by day, then alphabetically by Section name, then by presentation order.

Presenter: Christiane Perme, PT

The Role of Acute Care Physical Therapists in the Recovery of a Patient After Gender Reassignment Surgery

Presenter: Kelly Clark

Academy of Neurologic Physical Therapy Platform Presentations 2: Sci/Ms Measurement and Implementation

8:00 am–10:00 am

Moderator: T. George Hornby, PT, PhD

Effects of Locomotor Training Intensity on Walking Performance in Individuals With Chronic Spinal Cord Injury

Presenter: Gabrielle Brazg, PT, DPT

Myelin Increases Accompany Eccentric Motor Learning in Chronic SCI

Presenter: Timothy Faw, PT, DPT

Constraints on Ground Reaction Force Production During Overground Walking in Persons With Chronic Incomplete Spinal Cord Injury

Presenter: Denise Peters, PT, DPT, PhD

Effect of Acute Intermittent Hypoxia on Upper Limb Function in Individuals With Spinal Cord Injury

Presenter: Sofia Anastasopoulos, PT

Impairments in Dynamic Stability of Gait Are Associated With Deficits in Somatosensory Conduction and Cerebellar Involvement in People With Multiple Sclerosis

Presenter: Geetanjali Gera, PT, PhD

Revisiting Perry's Gait Speed Categories

Presenter: George Fulk, PT, PhD

Accuracy of 3 Commercially Available Activity Monitors to Measure Stepping Activity During Physical Therapy in Individuals Post-Stroke

Presenter: Chris Henderson, PT, DPT, MSME

The Use of a Commercial Physical Activity (PA) Monitor to Quantify Physical Activity Levels in Individuals With Parkinson Disease (PD)

Categorized by day, then alphabetically by Section name, then by presentation order.

Presenter: Sujata Pradhan, PT, PhD

Academy of Pediatric Physical Therapy Platform Presentations 2

11:00 am–1:00 pm

Moderator: Jill Heathcock, PT, MPT, PhD

Vestibular and Oculomotor Function in Children With Cerebral Palsy

Presenter: Anwar Altmutairi, PT, MSPT

Young Adults With Autism Spectrum Disorder: Fitness Outcomes Following a Community-Based Physical Activity Program

Presenter: Melissa Tovin, PT, PhD, MA

To Stand or Not to Stand: Using Early Motor Control to Inform Clinical Decision Making in Spinal Muscular Atrophy (SMA)

Presenter: Elise Townsend, PT, DPT, PhD

A Kinematic Analysis of Sequential Goal-Directed Action Planning and Execution in Children With Hemiplegic Cerebral Palsy

Presenter: Swati Surkar, PT, MS

Physical Activity During Floor-Play in Nonambulatory Toddlers With Cerebral Palsy

Presenter: Julie Orlando, PT, DPT

Impaired Anticipatory Vision and Visuomotor Coordination Affects Planning and Execution of Goal-Directed Action in Children With Hemiplegic Cerebral Palsy

Presenter: Swati Surkar, PT, MS

Health-Related Physical Fitness in Female Adolescents: Snapshot From an Urban, Economically Challenged Community

Presenter: Mary Jean Taylor, PT, PhD

Aquatic Physical Therapy Section Platform Presentations

11:00 am–1:00 pm

Moderator: Anita Van Wingerden, PT, DPT

Categorized by day, then alphabetically by Section name, then by presentation order.

The Value of Receiving a Certificate in Aquatic Physical Therapy Clinical Competency (CAPTCC)

Presenter: Bess Maxwell, PT, PhD

Making Waves: A Child With Skeletal Dysplasia Treated Using Aquatic Therapy Principles

Presenter: Allison White

Waterproof Success Rate of Transparent Film Dressings With and Without Special Skin Preparation in an Aquatic Therapy Setting: A Pilot Study

Presenter: Emily Dunlap, PT

Reliability and Validity of Aquatic Deep Water Aerobic Testing for Individuals With Incomplete Spinal Cord Injury

Presenter: Paula Geigle, PT, PhD

In Postmenopausal Women, Does Aquatic Exercise Compared to a Sedentary Lifestyle Maintain Bone Strength as Measured by Bone Mineral Density (BMD)?

Presenter: Megan Fosko

Aquatic Therapy for Treatment of Autism Spectrum Disorder: A Double-Blinded, Randomized Controlled Clinical Trial

Presenter: Bruce Moseley, JD

Aquatic Therapy Compared With Conventional Land-Based Therapy to Improve Balance and Mobility in Persons With Parkinson Disease: A Systematic Review

Presenter: Elizabeth Palladino

Qualitative Analysis of Aquatic Literatures for Quality and Trends

Presenter: Yasser Salem, PT, PhD, MS

Cardiovascular and Pulmonary Section Platform Presentations 1: Advance Intervention Management for Patients With Cardiovascular Disease

8:00 am–10:00 am

Moderator: Chris Wells, PT, ATC, PhD

Measurement of Sternal Movement With Functional Activities After Sternotomy in Regards to Sternal Precautions

Presenter: Jeff Rodrigues, PT, DPT

Categorized by day, then alphabetically by Section name, then by presentation order.

Early Mobility Improvement Is Associated With Discharge to Home in Patients Post Coronary Artery Bypass Graft

Presenter: Bryan Lohse, PT, DPT

A Comparison of Cardiovascular Health Before and After Unilateral Amputation in Service Members: Preliminary Findings

Presenter: Brittney Mazzone, PT, DPT

Mobility Level as an Indicator of Survival for Patients Requiring Acute Mechanical Circulatory Support via Axillary Impella 5.0

Presenter: Janelle Jablonski, PT, DPT

The Mobilization of Multiple Patients Requiring Biventricular Support via CentriMag: A Retrospective Case Study

Presenter: Allison Kras, PT, DPT

Retrospective Analysis of Factors Affecting Patient Mobility During Physical Therapy Treatment While on Extracorporeal Life Support

Presenter: Lisa Hayes, PT, DPT

Physical Therapy Intervention After Total Artificial Heart Implantation

Presenter: Vicky Hu, PT, DPT

Cardiovascular and Pulmonary Section Platform Presentations 2: Prevention to Intervention for Patients With Pulmonary Disease

11:00 am–1:00 pm

Moderator: Chris Wells, PT, ATC, PhD

Impact of Age, Illness Severity, and ICU Mobility Status on Patient Outcomes

Presenter: Amy Pastva, PT, PhD

Impact of Exercise Training Approach on Right Ventricle Adaptations and Mortality in a Rat Model of Severe, Angioproliferative Pulmonary Hypertension

Presenter: Kelly Jay

Validity and Reliability of Subjective Physical Activity Assessments in COPD: A Systematic Review

Presenter: Shweta Gore, PT, DPT

Categorized by day, then alphabetically by Section name, then by presentation order.

Fall Prevention in Patients With Pulmonary Disease: Does it Work?

Presenter: Tamara Burlis, PT, DPT, MHS

Low-Intensity Interval Training in a Patient With End-Stage Lung Disease Originally Deemed Too Frail for Lung Transplant Listing

Presenter: Nicole Irizarry, PT, DPT

Effects of Rehabilitation Prior to Lung Transplantation on Balance, Functional Mobility, and Exercise Capacity

Presenter: Tiffany Champion, PT, DPT

Predictors of Change in Exercise Capacity Following Lung Transplantation

Presenter: Megan Lusby, PT, DPT

Education Section Platform Presentations 2

8:00 am–10:00 am

Moderator: Tamara Struessel, PT, DPT

Development of an Innovative Taxonomy Through Investigation of the Director of Clinical Education Roles and Responsibilities

Presenter: Chalee Engelhard, PT, EdD, MBA

Clinical Education Hybrid Models: Can Peer-to-Peer and Near-Peer Teamwork Foster Clinical Confidence, Reasoning, and Communication for the Student Physical Therapist?

Presenter: Colleen Brough, PT, DPT, MS

Emotional Intelligence in Doctor of Physical Therapy Students and Its Relationship to Performance on Clinical Internships

Presenter: George Holan, PT, DPT

Impact of Participation in Student-Run Pro Bono Clinic on Clinical Performance in Doctor of Physical Therapy Students

Presenter: Jodi Gilles, PT, DPT

Self-Compassion and Compassion for Others in Physical Therapy Students, Faculty, and Clinical Instructors

Presenter: M. Karen Mueller, PT, DPT, PhD

Categorized by day, then alphabetically by Section name, then by presentation order.

The Effect of Integrated Clinical Education on Acute Care Confidence in DPT Students

Presenter: Valerie Strunk, PT, MS

4:1 Mentor/Protégé Clinical Education Model: An Inter-University/Clinic Collaboration

Presenter: Sarah Keller, PT, DPT

Using an Integrated Clinical Assignment to Emphasize “Big Picture” Learning

Presenter: Alicia Fernandez-Fernandez, PT, DPT, PhD

Motivations for Pursuing Residency Training: Are Program Directors, Faculty, And Residents on the Same Page?

Presenter: Raine Osborne, PT, DPT

Federal Physical Therapy Section Platform Presentations: Administrative

11:00 am–1:00 pm

Moderator: Jonathan Glasberg, PT, DPT, MA

Guidelines to Expert Red Flag Pattern Recognition: Equipping the Primary Care PT

Presenter: Rebecca Vogsland, PT, DPT

Physical Therapy’s Role in Ergonomics: Facts, Myths, Work Injuries, Prevention

Presenter: Robyn Bolgla, PT, MSPT

Outside the Gym & Into the World: Community Reintegration Strategies for TBI

Presenter: Karen Skop, PT, DPT

Establishing Interprofessional Relationships to Enhance Care of the Amputee

Presenter: Charissa Doerger, PT

Treatment Planning for the Patient With Cognitive Impairments

Presenter: Jamie McKinley, PT

Federal Physical Therapy Section Platform Presentations: Clinical

3:00 pm–5:00 pm

Moderator: Jonathan Glasberg, PT, DPT, MA

Categorized by day, then alphabetically by Section name, then by presentation order.

Update on Physical Therapy in the VA

Presenter: Douglas Bidelsbach, PT, MPT

From Health Care to Health: Applying a Health-Focused Model of Care Delivery

Presenter: Jeremy Fletcher, PT, DPT

Community-Based Fall Prevention Programs: What's the Evidence?

Presenter: Dennis Klima, PT, PhD, MS

Home Health Section Platform Presentations

3:00 pm–5:00 pm

Moderator: Tracey Collins, PT, PhD, MBA

Attitudes About Cognitive Screening: A Survey of Home Care Physical Therapists

Presenter: Jean Miles, PT, DPT

First Work Experience in Geriatric Home Care for Newly Graduated Physical Therapists

Presenter: Karen Patterson, PT

Predictors of Hospital Readmission From Home Health Care Following Total Knee Arthroplasty

Presenter: Jason Falvey, PT, DPT

Amazon Echo® as an Adjunct to Assisting Impaired Patients in the Home

Presenter: Joe Burgess

Oncology Section Platform Presentations 1: Breast Cancer Focus

11:00 am–1:00 pm

Moderator: Shana Harrington, PT, PhD

Breast Cancer-Related Lymphedema Signs, Symptoms, Function, and Diagnosis Among Long-Term Survivors

Presenter: Ann Marie Flores, PT, PhD

Tissue Stiffness Measurements in Women After Unilateral Breast Cancer Treatment

Presenter: Nylah Hazard

Categorized by day, then alphabetically by Section name, then by presentation order.

The Incidence and Clinical Characteristics of Axillary Web Syndrome 18 Months Following Breast Cancer Surgery

Presenter: Linda Koehler, PT, PhD

Measurement of Pectoralis Minor Muscle Length in Women Diagnosed With Breast Cancer: Reliability and Clinical Application

Presenter: Sarah Foley

Physical Fitness and Body Composition Among Hispanic and Non-Hispanic Overweight/Obese Breast Cancer Survivors

Presenter: Frank Sweeney, PT, DPT

Perceived Stress Has a Negative Effect on Self-Reported Upper Extremity Function Among Women Treated for Breast Cancer

Presenter: Mary Fisher, PT, PhD

Differences Between Predicted and Measured Basal Metabolic Rates Among Women in Breast Cancer Survivorship: A Measurement-Focused Study

Presenter: Jacqueline Drouin, PT, PhD

Comparison of an Objective Physical Assessment Tool With the Eastern Cooperative Oncology Group (ECOG) Performance Status in a Mixed Cancer Population

Presenter: Sarah Quinn, PT, DPT

Oncology Section Platform Presentations 2: Pediatric and Mixed Cancer Focus

3:00 pm–5:00 pm

Moderator: Shana Harrington, PT, PhD

Oncology Section EDGE Task Force: Clinical Measures of Pain for the Pediatric Population

Presenter: Susan Miale, PT, DPT

Postsurgical Rehabilitation Course for Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy in Pediatric population: Case Study

Presenter: Shilpa Patil, PT, MSPT

Initiation of Physical Therapy in a Multidisciplinary Clinic Setting for Pediatric Patients Undergoing Chimeric Antigen Receptor T-Cell Therapy

Categorized by day, then alphabetically by Section name, then by presentation order.

Presenter: Kristen DeVirgilio, PT, DPT

Case-Control Comparison of a Pediatric Patient With a Limb-Sparing Distal Femoral Endoprosthesis to His Identical Twin Brother

Presenter: Steven Ambler, PT, DPT, PhD, MPH

Physical Activity and Standardized Performance Scores in Hematopoietic Cell Transplantation Patients

Presenter: Kota Reichert, PT, DPT

A Standardized Physical Therapy Cancer Rehabilitation Protocol in Acute Care for Patients With Hematological Malignancies

Presenter: Amy Yochem, PT, DPT

A Comparison of Outcomes for a Standardized Versus Nonstandardized Physical Therapy Protocol in an Acute Care Bone Marrow Transplant Unit

Presenter: Beth Adams, PT, DPT

Training for the Fight: Adherence to a Novel Prehab Approach in Pancreaticoduodenectomy

Presenter: Elizabeth Hile, PT, PhD

Orthopaedic Section Platform Presentations 4

8:00 am–10:00 am

Moderator: David Sinacore, PT, PhD

Frequency of Insertional Pathology on Ultrasound Imaging and Functional Deficits in Individuals With Insertional Achilles Tendinopathy

Presenter: Jennifer Zellers, PT, DPT

Effects of Midfoot Joint Mobilization on Ankle-Foot Morphology and Function Following Acute Ankle Sprain: A Randomized Controlled Trial

Presenter: John Fraser, PT, MS, OCS

Decreased Kinesiophobia Associated With Improved Ankle Biomechanics in Adults With Chronic Achilles Tendinopathy: A Preliminary Analysis

Presenter: Ruth Chimenti, PT, DPT, PhD

Categorized by day, then alphabetically by Section name, then by presentation order.

Fracture Risk of 5th Metatarsal Increases With Neuropathic Forefoot Adduction Deformity

Presenter: David Sinacore, PT, PhD

Effect of Ultrasound and Exercise Program on Pain and Function in Individuals With Plantar Fasciitis: A Double-Blinded Randomized Controlled Trial

Presenter: Suzanne Debauche, PT, DPT

Association of Foot Pronation With Medial Knee Load in Adults With Medial Knee Osteoarthritis

Presenter: K. Gross, PT, DPT, ScD

Effectiveness of Running Foot Strike Training in a Patient Using a Dynamic Ankle-Foot Orthosis

Presenter: Adam Yoder, MS

Short- and Long-Term Effects of Forefoot Strike and Increased Cadence Gait Retraining Methods on Impact Loads in Runners

Presenter: Erin Futrell, PT, MPT

Orthopaedic Section Platform Presentations 5

11:00 am–1:00 pm

Moderator: Michael Reiman, PT, DPT, ATC

A Comparison of Downstream Health Care Utilization, Costs, and Long-Term Opioid Use Between Physical Therapy or Opioid Therapy Management After Arthroscopic Hip Surgery

Presenter: Daniel Rhon, PT, DPT, DSc

Altered Gait Kinetics Based on Chondropathy Severity Postarthroscopy for Femoroacetabular Impingement Syndrome

Presenter: Lindsey Brown, PT, DPT

Arthroscopic Surgery or Physical Therapy for Patients With Femoroacetabular Impingement: A Randomized Controlled Trial With 2-Year Follow-Up

Presenter: Nancy Mansell, DPT, ECS, OCS, FAFS

Femoroacetabular Impingement Syndrome Is Associated With Higher Knee Moments and Ground Reaction Forces 1 Year Postarthroscopy

Categorized by day, then alphabetically by Section name, then by presentation order.

Presenter: Tessa Kasmar, PT, DPT

Inferior 2-Year Outcomes Following Hip Arthroscopy for Femoroacetabular Impingement in a Female Subgroup Based on Age, Bony Morphology, and Location of Pain

Presenter: Jennifer Marland, PT, DPT

Effects of a Tele-prehabilitation Program or an In-Person Prehabilitation Program in Surgical Candidates Awaiting Total Hip or Knee Arthroplasty: Results of a Pilot Single-Blind Randomized Controlled Trial

Presenter: Patrick Doiron-Cadrin, PT, MSc

Higher Preoperative Fear Avoidance Beliefs Are Significantly Associated With Less Improvement in Pain and Function 6 Months After Total Knee Arthroplasty

Presenter: Veronique Lowry

Age Does Not Strongly Relate to Patient Clinical Measures in Those Awaiting a Total Knee Arthroplasty

Presenter: Jason Brandl

Sports—Science Meets Practice Platform Presentations: Balancing Pitching Performance and Injury Prevention in Mechanics and Throwing Programs

8:00 am–10:00 am

Moderator: Ellen Shanley, PT, PhD

Sport Specialization and Throwing-Related Arm Pain in Youth Baseball Players: A 6-Month Prospective Study

Presenter: Amanda Arnold, PT, DPT

Effectiveness of Blocked Versus Unblocked Stretching on Shoulder Range of Motion in Patients With Shoulder Pain: A Randomized Clinical Trial

Presenter: Timothy Uhl, PhD

The Effect of Humeral Retrotorsion on Pitch Velocity in Youth Baseball Players

Presenter: Elliot Greenberg, PT, DPT, PhD

The Effect of Repetitive Baseball Pitching on Medial Elbow Joint Space Gapping Associated With 2 Elbow Valgus Stressors in High School Baseball Players

Presenter: Hiroshi Hattori, PT, MS

Categorized by day, then alphabetically by Section name, then by presentation order.

Evolution of Hip Range of Motion in Adolescent Baseball Pitchers

Presenter: Jean Timmerberg, PT, PhD, MHS

Baseball Players Diagnosed With UCL Tears Demonstrate Greater Side-to-Side Differences in Passive Glenohumeral Abduction Range of Motion Compared to Healthy Controls

Presenter: Craig Warner, PT, DPT

Sports—Science Meets Practice Platform Presentations: Should We Focus on Extended Prehab or Getting Surgery Asap After an ACL Tear?

11:00 am–1:00 pm

Moderator: Laura Schmidt, PT, PhD

Patient/Parent Perceptions of Key Drivers of Outcome After ACL Reconstruction

Presenter: Mark Paterno, PT, PhD, MBA

Early Quadriceps Muscle Activity (EMG) Predicts Quadriceps Strength Later in Rehabilitation

Presenter: Ryan Zarzycki, PT, DPT

Reduced Rate of Quadriceps Activation During Running and Jumping in Collegiate Athletes 4 and 8 Months Post-ACL Reconstruction

Presenter: Keith Knurr

Dynamic Stability Early After ACL Rupture and Neuromuscular Training Is Associated With 2-Year Success: The Delaware-Oslo ACL Cohort Study

Presenter: Louise Thoma, PT, PhD

Concomitant Meniscal Status Influences Patient-Reported Outcomes But Not Function for 2 Years After ACL Reconstruction

Presenter: Jacob Capin, PT, DPT, MS

Sports—Science Meets Practice Platform Presentations: Using Stretching or Scraping to Restore ROM

3:00 pm–5:00 pm

Moderator: Phillip Page, PT, ATC, PhD

Categorized by day, then alphabetically by Section name, then by presentation order.

Reliability and Validity of Using a Mobile Application to Assess Knee Motion in Healthy and Post-Anterior Cruciate Ligament Reconstruction Subjects

Presenter: Kai-Yu Ho, PT, PhD

Effectiveness of Return-to-Play Discharge Criteria to Reduce Secondary Anterior Cruciate Ligament Injury Risk

Presenter: Justin Losciale, PT, DPT

Knee Confidence at Return to Sport After ACL Reconstruction Impacts Knee Function 2 Years Later

Presenter: Karen Thatcher, PT, DPT

Obese Youth Demonstrate Reduced Knee Flexion Angles During Landing of a Single-Leg Hop Compared to Healthy-Weight Peers

Presenter: Rachel King, PT, DPT

Sufficient Quadriceps Strength, Not Symmetry, Differentiates Females With Low Knee Function Following ACLR

Presenter: Charles Thigpen, PhD

Early Posttraumatic Knee Osteoarthritis and Loading During Walking After Anterior Cruciate Ligament Reconstruction

Presenter: Deepak Kumar, PT, PhD

***Section on Research Marilyn Gossman Graduate Student Research Seminar:
Future Faculty Forum***

8:00 am – 10:00 am

Moderator: Justin Beebe, PT, PhD

Characteristics of a Young, Low-Functioning Phenotype in Total Knee Arthroplasty Rehabilitation

Presenter: Jesse Christensen, PT, DPT

Progressive CKD in Diabetes: Effects on Skeletal Muscle Energetics, Performance, and Physical Function

Presenter: Daniel Bittel, PT, DPT

Establishing the Reliability and Validity of the Component Timed Up and Go Test (CTUG) to Evaluate Basic Prosthetic Mobility in People With Lower Limb Amputation

Categorized by day, then alphabetically by Section name, then by presentation order.

Presenter: Sheila Clemens, PT, MPT

Resistance Exercise Improves Postprandial Lipid Metabolism in Men With Obesity and Prediabetes

Presenter: Adam Bittel, PT, DPT

Hand and Wrist Muscle Activation in Native and Non-Native Sign Language Users

Presenter: Gretchen Roman, PT, DPT

Section on Research 2nd Annual Kay Shepard Qualitative Research Symposium

11:00 am–1:00 pm

Moderator: Anita Santasier, PT, PhD

Patient and Parent Perceived Challenges and Facilitators for mTBI Recovery Processes

Presenter: Catherine Quatman-Yates, PT, DPT, PhD

The Effect of an Adapted Walking Program on Fatigue Levels in People With Type 2 Diabetes

Presenter: Rupali Singh, PT, PhD

Patient Perspectives on Posture Change With Postural Improvement: Use of Cognitive Mapping in a Case Series

Presenter: Lynne Hughes, PT, PhD

Saturday, February 24, 2018

Academy of Geriatric Physical Therapy Platform Presentations 2

11:00 am–1:00 pm

Moderator: Jessie VanSwearingen, PT, PhD

Walking-Related Fatigue Potentially Increases Fall Risk in Older Adults: A Systematic Review

Presenter: Katelyn Moyer

Does Neighborhood Walkability Influence Physical Activity and Falls in Urban-Dwelling Older Adults?

Presenter: Jennifer Blackwood, PT, PhD

Use of Global Aging Data on Physical Activity to Predict Physical Performance, Instrumental Activities of Daily Living, Life Satisfaction, and Health Perception in Older Adults

Presenter: Elaine Trudelle-Jackson, PT, PhD

Can Trained Lay Leaders Deliver a Motor Control-Based Group Exercise Program and Get the Same Results as Rehabilitation Professionals?

Presenter: David Wert, PT, MPT, PhD

The Effect of Upper Extremity Restraint on Balance Function in Healthy Older Adults: A Pilot Study

Presenter: Deborah Doerfler, PT, DPT, PhD

Short Physical Performance Battery Scores Predict Hospitalization Risk in Older Adults Receiving Long-Term Services and Supports

Presenter: Jason Falvey, PT, DPT

Effects of the Motion Wellness System on Balance, Coordination, Strength, and Quality of Life in Older Adults: A Survey Study

Presenter: Nicole Rodriguez

6-Minute Walk Test and 2-Minute Step Test Performances in Physically Active Older Adults Challenge Existing Norms

Presenter: Kailey Trieger

Categorized by day, then alphabetically by Section name, then by presentation order.

Hip Abductor-Adductor Muscle Power Training Improves the Neuromechanical Control of the Weight Transfer During Lateral Balance Perturbations in Older Adults

Presenter: Mario Inacio, PhD

Academy of Hand and Upper Extremity Physical Therapy Platform Presentations

8:00 am–10:00 am

Moderator: Susan Duff, PT, OT/L, EdD

Manual Mobilization of the Sternoclavicular Joint: An In-vivo Assessment of Maximal Movement of the Clavicle

Presenter: Dexter Witt, PT, DPT, DHS

Distraction Mobilizations of the Metacarpophalangeal Joint: Movement, Reliability, and Association With Systemic Mobility

Presenter: Dexter Witt, PT, DPT, DHS

The Immediate Effect of Orthotic Management on Force Production During PA Mobilizations: A Pilot Study

Presenter: Jeffrey Ebert, PT, DPT

A Case Report to Describe the Use of Kinesiotaping to Address Wrist Pain and Dysfunction

Presenter: Jacqueline Scott, PT, DPT

Self-Report, Physical Impairment, and Patient Performance Outcome Measures in the Management of Carpal Tunnel Syndrome: A Systematic Review

Presenter: Mia Erickson, PT, ATC, EdD

The Effect of Muscle Fatigue on Wrist Joint Position Sense

Presenter: Christos Karagiannopoulos, PT, MPT, ATC, PhD

Pinch Aperture Proprioception: Reliability and Feasibility Study

Presenter: Abdalghani Yahya, PT, DPT

Academy of Neurologic Physical Therapy Platform Presentations 3: Stroke/TBI

11:00 am–1:00 pm

Categorized by day, then alphabetically by Section name, then by presentation order.

Moderator: Trisha Kesar, PT, PhD

Neuroplasticity and Biomechanical Correlates Underlying Poststroke Gait Rehabilitation

Presenter: Trisha Kesar, PT, PhD

Contribution of Impairments in Paretic Plantarflexor Force Capacity, Volitional Strength, and Activation to Paretic Propulsion During Hemiparetic Walking

Presenter: Louis Awad, PT, DPT, PhD

Comprehensive and Targeted Assessment of Walking Adaptability Is Warranted for the Stroke Population

Presenter: Chitra Balasubramanian, PT, PhD

Poststroke Community Ambulators Demonstrate Deficits in Backward Walking

Presenter: Kelly Hawkins, PT, DPT

The Effects of Ischemic Conditioning on Walking Function in Chronic Stroke Survivors: A Pilot Study

Presenter: Timothy Boerger, MS, ATC

Therapeutic Volunteering to Improve Participation and Physical Activity for Survivors of Brain Injury: A Community-Based Initiative

Presenter: Preeti Oza, PT, PhD

The Use of the Balance Evaluation Systems Test for Individuals With Chronic Traumatic Brain Injury

Presenter: Kaitlin Hays, PT, DPT

Rehabilitation and Sensory Reweighting in Patients With Chronic mTBI

Presenter: Laurie King, PT, PhD

Cardiovascular and Pulmonary Section Platform Presentations 3: How Technology Is Changing the Physical Therapy Profession in the Management of Patients With Cardiovascular and Pulmonary Dysfunction

8:00 am–10:00 am

Moderator: Chris Wells, PT, ATC, PhD

Is Aerobic Exercise Effective for Improving Symptom-Related Quality of Life in People With Inflammatory Bowel Disease and Irritable Bowel Syndrome? A Meta-Analysis

Categorized by day, then alphabetically by Section name, then by presentation order.

Presenter: Eric Swierzynski

The Effect of Tai Chi Exercise on Lipid Profiles: A Systematic Review and Meta-Analysis of Randomized Clinical Trials

Presenter: Aqeel Alenazi, PT, MSc

Optimizing Portable Pulse Oximeter Measurement Accuracy and Consistency During Exercise

Presenter: Tanya LaPier, PT, PhD

Change in Attitude, Practice Behaviors, and Knowledge of Blood Pressure Among Outpatient Rehabilitation Providers Following an Educational Initiative

Presenter: Sara Arena, PT, MS, DScPT

Physical Therapy Student Reports of Blood Pressure Guidelines Learned in the Classroom, and Observed and Practiced in Clinical Affiliations

Presenter: Ted Marks, PT, DPT

Does Posterior Thigh Compression During Feet-Unsupported Sitting Reduce Venous Return, Rendering Inaccurate Arterial Blood Pressures?

Presenter: Don Shaw, PT, PhD, DMin

Accuracy of Wearable Activity Monitors in the Measurement of Step Count and Distance

Presenter: Jane Eason, PT, PhD

Education Section Platform Presentations 3

11:00 am– 1:00 p.m.

Moderator: Tamara Struessel, PT, DPT

Can Virtual Patient Cases Improve Clinical Reasoning?

Presenter: Karen Huhn, PT, PhD

“Flipping” for Self-Directed Learning: The Link Between the Classroom and Clinic

Presenter: Lauren Snowdon, PT, DPT

Physical Therapy Analytics: Introducing the Universal Evaluative Template and Intervention Menu

Presenter: John Jeziorowski, PT, DPT

Categorized by day, then alphabetically by Section name, then by presentation order.

Utilization of an Interactive, Educational Smartphone/Tablet App to Teach and Review Gait Analysis (RanchoGait) and Orthotic Decision Making (Rancho R.O.A.D.M.A.P.)

Presenter: Kelley Kubota, PT, MS

The Creation and Use of Adjustable 3D-Printed Models in Physical Therapy Education to Improve Student Learning

Presenter: Steve Snyder, PT, DPT

Audiovisual Resources for the Instruction of Thoracic and Lumbar Spinal Thrust Joint Manipulation (TJM) Techniques: A Review of Evidence and Current Resources

Presenter: Carlyn Babinec, PT, DPT

The Use of Twitter to Discuss and Process Concepts Related to Therapeutic Exercise in an Entry-Level DPT Program

Presenter: Tarang Jain, PT, DPT, PhD

Analysis of Stress, Coping Strategies, and Academic Success in Physical and Occupational Therapy Students: Preliminary Results

Presenter: Joy Karges, PT, EdD, MS

Patients With Lumbar Spine Pathology Demonstrate a Greater Percentage of Improvement on the Oswestry Disability Index When Treated by Physical Therapists After Residency Training

Presenter: Michael Jordan, PT, DPT

Education Section Platform Presentations 4

3:00 pm–5:00 pm

Moderator: Tamara Struessel, PT, DPT

An Interprofessional Education Approach to Fall Prevention: Preparing Members of the Interprofessional Health Care Team to Implement STEADI Into Practice

Presenter: David Taylor, PT, DPT

Integrating Formal Physical Therapy Teaching Into the Training of Emergency Medicine Resident Physicians

Presenter: Kevin Brichler, PT, DPT

Understanding Patients' Experience of Care at an Interprofessional Teaching Clinic

Presenter: Stephen Jernigan, PT, PhD

Categorized by day, then alphabetically by Section name, then by presentation order.

iTEAMS©: A Modified TeamSTEPPS® Approach for Interprofessional Education

Presenter: April Newton, PT, DPT

Physical Therapy, Radiography and Nursing Student Attitudes Toward Interprofessional Interaction Following a Student-Led Hospital Simulation

Presenter: Tessa Wells, PT, DPT

Assessment of Interprofessional Education and Attitudes Towards Health Care Teams in Physical Therapy Students Following a Simulated Interprofessional Resuscitation

Presenter: Brad Stockert, PT, PhD

Does a Professional Network Influence Early Career Faculty Trajectory?

Presenter: Betsy Becker, PT, DPT

Teaching Joint Mobilizations in PTA Programs: Implications for Instruction and Policy

Presenter: Renae Gorman, PT, DPT, EdD

Factors Affecting Embodiment of Professional Values in Physical Therapy Students

Presenter: Jill Horbacewicz, PT, PhD, MA

Orthopaedic Section Platform Presentations 6

8:00 am–10:00 am

Moderator: Alison Chang, PT, DPT, MS

Effects of an 8-Week Cadence Training Program on Knee Kinematics in Individuals Status-Post ACL Reconstruction

Presenter: Paige Lin, MS

Patellar Tendon Macro- and Micro-Morphology Following Partial Resection for Anterior Cruciate Ligament Reconstruction

Presenter: Sara Almansouri, PT, MS

How Do Individuals Following Anterior Cruciate Ligament Reconstruction Load Their Limbs Outside the Laboratory?

Presenter: Ming-Sheng Chan, PhD

Factors Explaining Varying Knee Extensor Strength Deficits Post ACL Reconstruction: A Meta-Analysis

Categorized by day, then alphabetically by Section name, then by presentation order.

Presenter: Christopher Jeanfreau

Continuous Shear Wave Elastography Quantifies Patellar Tendon Pathology

Presenter: Andrew Sprague, PT, DPT

Diagnostic Validity of Combining History Elements and Physical Examination Tests for Symptomatic Knee Osteoarthritis

Presenter: Simon Décary, PhD

Risk Factors for Contralateral Total Knee Arthroplasty

Presenter: Joseph Zeni, PT, PhD

Do Specific Dosing Variables Impact the Effect of Exercise Therapy for Knee Disorders?

Presenter: Jodi Young, PT, DPT

Orthopaedic Section Platform Presentations 7

11:00 am–1:00 pm

Moderator: Anne Thackeray, PT, PhD, MPH

Direct Access Physical Therapy Portal of Entry Compared With Physician Portal of Entry for Temple University Employees With Recent-Onset Musculoskeletal Conditions: A Blinded Randomized Controlled Trial

Presenter: Heidi Ojha, PT, DPT

Which Patients Are More Likely to Return to Outpatient Physical Therapy? An Examination of the Risk Factors Related to a Patient's Return to Physical Therapy and the Association of That Return to the Utilization of Medical Services

Presenter: Jason Sharpe, PT, DPT

Association of PROMIS® Physical Function With Legacy Measures in the Outpatient Orthopedic Physical Therapy Setting

Presenter: Anne Thackeray, PT, PhD, MPH

Measuring Expectations in Patients Awaiting Total Knee Replacement and Its Relationship to Age

Presenter: Kathleen Madara, PT, DPT

Characterizing Patients' Acceptable Symptom State at Short-Term Follow-Up of a Collaborative Primary Care PT/MD Collaborative Service

Categorized by day, then alphabetically by Section name, then by presentation order.

Presenter: Jeff Houck, PT, PhD

A Survey of Factors Influencing Patient-Reported Outcome Measure Completion

Presenter: Evan Nelson, PT, DPT

Reliability and Validity of the Dance Functional Outcome Survey (DFOS) in Adolescent Dancers

Presenter: Teresa Smith, PT, DPT

Wrist and Hand Pain in Orthopedic Physical Therapists

Presenter: Marc Campo, PT, PhD

Orthopaedic Section Platform Presentations 8

3:00 pm–5:00 pm

Moderator: Jaclyn Sions, PT, PhD

Prediction of Likelihood Chance of Success at Initial Visit for Patients With Low Back Pain in Physical Therapy

Presenter: Gerard Brennan, PhD

Effectiveness of Risk-Stratified Care for Low Back Pain Using the Subgroups for Targeted Treatment Back Screening Tool: An Evidence-Based Review and Meta-Analysis

Presenter: Jessica Yeskoo, PT, DPT

Standardizing Physical Therapy Patient Education Improved Outcomes for Patients With Acute Low Back Pain

Presenter: Kate Minick, PT, DPT

Colocation of Physical Therapy With Neurosurgery

Presenter: Scott Behjani, PT, DPT

Thoracic Spine Thrust Manipulation for Cervicogenic Headaches: A Randomized Clinical Trial

Presenter: Paige Williams

Brain Activation During Lumbopelvic Exercises: An fMRI Study

Presenter: Max Jordon, PT, DPT

Categorized by day, then alphabetically by Section name, then by presentation order.

Influence of Opioid Use and Referral Source on Subjective Outcomes for Patients With Spine Pain

Presenter: Keri Markut, PT, DPT

Subgrouping Patients by Treatment Domains of Importance: Characterizing Groups and Their Response to Treatment

Presenter: Giorgio Zeppieri, PT

Sports—Science Meets Practice Platform Presentations: Whether or Not Movement Screens Should Drive Interventions

8:00 am–10:00 am

Moderator: Charles Thigpen, PT, ATC, PhD

Are Postural Stability and Knee Strength Associated With the Y-Balance Test in ACLR and Healthy Individuals?

Presenter: Ravi Patel

Motion Analysis Demonstrates Symmetry Between Preferred and Nonpreferred Limbs in Healthy Adolescents During Functional Tasks

Presenter: Nicholas Giampetruzzi, PT, MS

Is There a Correlation Between Drop Jump and Deceleration Kinematics and Kinetics in Soccer Players?

Presenter: Celeste Dix

Primary Prevention Program Augmented With Mechanical Perturbation May Not Change Biomechanical Knee Injury Risk Factors

Presenter: Amelia Arundale, PT, DPT

The Effect of Limb Dominance on Kinetics Following Anterior Cruciate Ligament Reconstruction of the Dominant and Nondominant Limb

Presenter: Shiho Goto, ATC, PhD

Sports—Science Meets Practice Platform Presentations: Comparing Low-Tech Vs. High-Tech Running Interventions

11:00 am–1:00 pm

Moderator: Charles Thigpen, PT, ATC, PhD

Categorized by day, then alphabetically by Section name, then by presentation order.

Reliability of 2-Dimensional, Quantitative, Video-Based Running Gait Analysis

Presenter: Mark Reinking, PT, ATC, PhD

Downhill Running Increases Patellofemoral Joint Stress

Presenter: Kai-Yu Ho, PT, PhD

Physical Activity, Gait, and Self-Reported Function 12 Weeks Following Achilles Tendon Rupture

Presenter: Jennifer Zellers, PT, DPT

Effects of Focus of Attention Instructions on Running Mechanics and Foot Strike Pattern: Immediate and Retention Effects

Presenter: Kayla Varnado, PT, DPT

Limb and Joint Stiffnesses Differ Between Tendinopathic and Uninvolved Limbs in Unilateral Achilles Tendinopathy

Presenter: Caleb Strassberg

Sports—Science Meets Practice Platform Presentations: Achieving Current Symmetry or Going Beyond Symmetry for Return to Sport Following ACL Reconstruction

11:00 am–1:00 pm

Moderator: Matthew Ithurnburn, PT, DPT, PhD

ACL-SPORTS Program Improves Functional Outcomes With Potential Implications for Reinjury Risk

Presenter: Amelia Arundale, PT, DPT

Incidence of Second ACL Injury Is Not Influenced by Time to Return to Sport After ACLR

Presenter: Christin Zwolski, PT, DPT

Abnormal Knee Joint Kinetics During Running and Jumping in Division I Collegiate Athletes 4 and 8 Months Post-ACL Reconstruction

Presenter: Daniel Cobian, PT, DPT, PhD

Categorized by day, then alphabetically by Section name, then by presentation order.

Recovery of Rapid Quadriceps Activation and Rate of Torque Development Post-ACL Reconstruction During Muscle Performance Tests, Running, and Jumping in a Division I Collegiate Soccer Player

Presenter: Keith Knurr

Between-Limb Asymmetries During the Second Landing of a Drop Vertical Jump Following an Anterior Cruciate Ligament Reconstruction

Presenter: Kathryn Lucas, PT, DPT

Section on Health Policy and Administration Platform Presentations 3

3:00 pm–5:00 pm

Moderator: Jean Weaver, PT, MBA

An Interprofessional Collaborative Workforce Analysis of Hand Therapy Services Within United States Population Characteristics

Presenter: Caroline Stegink-Jansen, PT, PhD

Comparing Pain Between Veteran and Non-Veteran Students

Presenter: Brian Boccieri

Effectiveness of Physical Therapy Clinician Response to Inappropriate Patient Sexual Behavior: Results of a National Survey

Presenter: Jill Boissonnault, PT, PhD

Impact of Personal Exposure to Persons With Substance Use Disorders on Physical Therapy Practice

Presenter: Rania Karim, PT, DPT

Individualization Counts: Physical Activity Preferences of Older Adult Medicaid Home and Community-Based Services Waiver Clients

Presenter: Margaret Danilovich, PT, DPT, PhD

Section on Research Moderated Platform Session

8:00 am–10:00 am

Moderator: Yu-Ping Chen, ScD

Categorized by day, then alphabetically by Section name, then by presentation order.

Lateral Corticospinal Tract Damage Analysis in Motor Incomplete Spinal Cord Injury: Its Relationship to Specific Motor Deficits

Presenter: Andrew Smith, PT, DPT

Development and Validation of the Joint Activity and Damage Exam (JADE) for Quantitation of Structural Abnormalities by Musculoskeletal Ultrasound (MSKUS) in Hemophilic Joints: Intra- and Inter-rater Reliability

Presenter: Lena Volland, PT, DPT

Individuals With Recurrent Low Back Pain Exhibit Reduced Paraspinal Muscle Strength After Intramuscular Fine-Wire EMG Electrode Insertion to Lumbar Multifidus

Presenter: Szu-Ping Lee, PT, PhD

Quantifying Visual Re-weighting via the Oculus in Adults With Vestibular Dysfunction

Presenter: Anat Lubetzky, PT, PhD

Simultaneous Laterally Inversive Vestibulo-ocular Reflex Adaptation During Head Impulses

Presenter: Yoav Gimmon, PT, PhD

Effects of LASER Therapy, Epigallocatechin-3-Gallate, Thymoquinone, and 5-Fluorouracil on Laryngeal Carcinoma Cells in Some Biochemical Markers

Presenter: Felix Adah, PhD

Functional Connectivity of Brain Regions in People With Low Back Pain

Presenter: Neena Sharma, PT, PhD

Section on Women's Health Platform Presentations

11:00 am–1:00 pm

Moderator: Carina Siracusa, PT, DPT

Pelvic Dissection Video's Effect on Retention and Confidence: A Pilot Study

Presenter: Karen Snowden, PT, DPT

Exploration of Education and PT Treatment for Postpartum Recovery: Current Barriers Limiting Care

Presenter: Joanna Bierlein, PT, DPT

Categorized by day, then alphabetically by Section name, then by presentation order.

Reliability of Modified Adherometer and Digital Pressure Algometer in Measuring Normal Abdominal Tissue and C-Section Scars

Presenter: Rachel Kelly-Martin

EMG Profiles of Hip Muscles During Gait in Women With and Without Stress Urinary Incontinence

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

The Impact of Hip Strengthening on Pelvic Floor Function: A Novel Rehabilitation Approach

Presenter: Lori Tuttle, PT, PhD

The Treatment of Chronic Coccydynia and Postcoccygectomy Pain With Pelvic Floor Physical Therapy

Presenter: Michelle Bradley, PT, DPT

Collaborative Approach for Management of Bowel and Bladder Dysfunction in Postural Orthostatic Tachycardia Syndrome (POTS): A Case Study

Presenter: Albina Heidebrecht, PT, DPT

Physical Therapy Management of a Patient With Dyspareunia After Partial Vulvoplasty for Vulvar Intraepithelial Neoplasia: A Case Report

Presenter: Monika Stefanowicz, PT, DPT