Platform Presentations

(Subject to change. For current programming, refer to http://www.apta.org/csm/programming/ or the CSM mobile app.)

Thursday, Feb 16, 2017

Academy of Clinical Electrophysiology and Wound Management
8:00 a.m. - 10:00 a.m.

Clinical Electrophysiology and Wound Management Platform Presentations
8:00 a.m. - 8:01 a.m.
Authors: Kathleen Galloway, PT, DSc, ECS
Speaker: Kathleen Galloway, PT, DSc, ECS

Intra- and Inter-rater Reliability of Wound Surface Area Measurement Over Time with Photo Digital Planimetry
8:01 a.m. - 8:18 a.m.
Authors: Karen Albaugh, PT, DPT, MPH, CWS; Matthew Heim; Jordan Martin; Pamela Mechling; Kendra Neff; Jason Peters
Speaker: Karen Albaugh, PT, DPT, MPH, CWS

Walking Behavior of People with Diabetes and Peripheral Neuropathy
8:18 a.m. - 8:35 a.m.
Authors: Deborah Wendland, PT, DPT, PhD, CPed
Speaker: Deborah Wendland, PT, DPT, PhD, CPed

Efficiency of NMES: Elicited force at a specific level of tolerance differs among waveforms
8:35 a.m. - 8:52 a.m.
The Effects of Photobiomodulation on Muscle Performance of the Shoulder External Rotators
8:52 a.m. - 9:09 a.m.
Authors: David Levine, PT, PhD, DPT, OCS; Mitchell Dodson; ryan Helms; Ryan Passmore; Monika Patel
Speaker: David Levine, PT, PhD, DPT, OCS

Short and long-term effects of botulinum toxin on nerve and muscle function: A Case Series.
9:09 a.m. - 9:26 a.m.
Authors: Joyce Campbell, PT, PhD
Speaker: Joyce Campbell, PT, PhD

Great toe drop following knee cruciate ligament reconstruction. A report of two cases.
9:26 a.m. - 9:43 a.m.
Authors: David Boyce, PT EdD OCS ECS; Chantal Prewitt, Ph.D.
Speaker: David Boyce, PT EdD OCS ECS

Spinal Accessory Nerve Conduction Recording from Upper and Middle Trapezius
9:43 a.m. - 10:00 a.m.
Authors: Anne Cleavenger; Bethany Hotle; Michelle Weeks; Kate Withrow; Kathleen Galloway, PT, DSc, ECS
Speaker: Kate Withrow

Academy of Geriatric Physical Therapy Platform Presentations 1
8:00 a.m. - 10:00 a.m.

Geriatrics Section Platform Presentations 1
8:00 a.m. - 8:03 a.m.
Authors: Jessie VanSwearingen, PhD, PT, FAPTA
Speaker: Jessie VanSwearingen, PhD, PT, FAPTA

Relationship between gait and quality of life in older adults
8:03 a.m. - 8:16 a.m.
Authors: Mary Cameron Hamilton, SPT; Lucas Boyd, SPT; Jane Freund, DPT, MS, NCS; Stephen Bailey, PT, PhD; Srikant Vallabhajosula, PhD
Speaker: Mary Cameron Hamilton, SPT

Fall Risk Assessment in Older Adults using the Four Square Step Test
8:16 a.m. - 8:29 a.m.
Authors: Kimberly Cleary, PT, PhD; Elena Skornyakov, DPT
Speaker: Kimberly Cleary, PT, PhD

Using the Rasch Model to Investigate a Suggested Cut-off Score of the Berg Balance Scale (BBS)
8:29 a.m. - 8:42 a.m.
Authors: Pallavi Sood; Sergio Romero
Speaker: Pallavi Sood

Fall prevention in post-acute care: Does documentation reflect stakeholder-driven best practices
8:42 a.m. - 8:55 a.m.
Authors: Natalie Leland, PhD, OTR/L, BCG, FAOTA; Carin Wong; Brenda Fagan; Jenny Martinez; Lynn Freeman, PT, PhD, DPT, GCS, CWS
Speaker: Natalie Leland, PhD, OTR/L, BCG, FAOTA

Age Differences in Minimum Toe Clearance During Level Overground Walking
8:55 a.m. - 9:08 a.m.
Authors: Sylvester Carter, PhD; Mitchell Batavia, PT, MA, PhD; Gregory Gutierrez; Elizabeth Capezuti
Speaker: Sylvester Carter, PhD

Benefits of Functional Electrical Stimulation to Reduce Cramping Pain, Increase Walking Distance and Enhance Quality of Life for the Elderly with Intermittent Claudication
9:08 a.m. - 9:21 a.m.
Authors: David Embrey, Ph.D., PT; Gad Alon; Brenna Brandsma, PT, DPT, PCS
Speaker: David Embrey, Ph.D., PT

Uremic myopathy in progressive stages of CKD
9:21 a.m. - 9:34 a.m.
Authors: David Sinacore, PhD, PT; Daniel C Bittel; Adam J Bittel
Speaker: David Sinacore, PhD, PT

A Repetitive Step Test Based on Leg Length as a Novel Dynamic Standing Balance Test in Older Adults
9:34 a.m. - 9:47 a.m.
The Cost-effectiveness and Functional Impact of Post-Acute Care Location on Hip Fracture Patient Outcomes: A Systematic Review
9:47 a.m. - 10:00 a.m.
Authors: Rachel Cesario; James Grainger, DPT; Elizabeth Charney; Kristin Kolstad; Adam Goode, PT, DPT, PhD
Speaker: Rachel Cesario

Orthopaedic Section Platform Presentations 1
8:00 a.m. - 10:00 a.m.

Effect Of A Shoulder Movement Intervention On Joint Mobility, Pain And Disability In People With Diabetes Mellitus: A Randomized Control Trial
8:00 a.m. - 8:15 a.m.
Authors: Whitney Korgan
Speaker: Whitney Korgan

Effects of shoulder elevation plane on rotator cuff subacromial proximity
8:15 a.m. - 8:30 a.m.
Authors: Justin Staker, PT, MPT, OCS, SCS; Rebekah Lawrence, PT, DPT, OCS; Jonathan Braman, MD; Paula Ludewig, PT, PhD
Speaker: Justin Staker, PT, MPT, OCS, SCS

Bilateral MRI Findings in Individuals with Unilateral Shoulder Pain
8:30 a.m. - 8:45 a.m.
Authors: Rodrigo Barreto, Master Degree in Rehabilitation Sciences; Paula Ludewig, PT, PhD; Paula Camargo
Speaker: Rodrigo Barreto, Master Degree in Rehabilitation Sciences

Mechanical Internal Impingement of the Supraspinatus Tendon During Simulated Reaching
8:45 a.m. - 9:00 a.m.
Supraspinatus tendon micromorphology and the relationship with patient-reported outcomes in individuals with subacromial pain syndrome
9:00 a.m. - 9:15 a.m.
Authors: Federico Pozzi, PT, MA, PhD; Amee Seitz, PT PhD DPT OCS; Hillary Plummer; Gregory Bashford; Lori Michener, PT, PhD, ATC, SCS, FAPTA
Speaker: Federico Pozzi, PT, MA, PhD

Observational Scapular Dyskinesis: Is it relevant?
9:15 a.m. - 9:30 a.m.
Authors: Lori Michener, PT, PhD, ATC, SCS, FAPTA; Hillary Plummer; Federico Pozzi, PT, MA, PhD; Rini Varghese; Jonathan Sum, PT, DPT, OCS, SCS
Speaker: Lori Michener, PT, PhD, ATC, SCS, FAPTA

An Electromyography Study of Muscular Endurance during the Posterior Shoulder Endurance Test
9:30 a.m. - 9:45 a.m.
Authors: Neil Evans, DPT; Emily Dressler; Tim Uhl, PT, PhD,ATC
Speaker: Neil Evans, DPT

Predictors of Long Term Outcomes and Physical Therapy Utilization Are Different Following Rotator Cuff Repair
9:45 a.m. - 10:00 a.m.
Authors: Sarah Pate; Abigail Pinkerton; Ellen Shanley, PhD PT OCS; Paul Beattie, PT, PhD; Micheal Kissenberth, MD; Richard Hawkins, MD; Charles Thigpen, PhD
Speaker: Charles Thigpen, PhD

Academy of Pediatric Physical Therapy Platform Presentations 1
8:00 a.m. - 10:00 a.m. (Pediatrics)

Section on Pediatrics Research Platform Presentations 1
8:00 a.m. - 8:06 a.m.
Authors: Jill Heathcock, PT, MPT, PhD; Stacey Dusing, PhD, PT, PCS
Speaker: Stacey Dusing, PhD, PT, PCS

Participation in children with Developmental Coordination Disorder
8:06 a.m. - 8:25 a.m.
Initial Efficacy of Supporting Play Exploration and Early Development Intervention (SPEEDI): A Developmental Intervention Provided in the NICU and Community Improves Problem Solving Abilities in Infants Born Very Preterm or with Brain Injury.
8:25 a.m. - 8:44 a.m.
Authors: Tanya Tripathi, MS; Allison Owens; Leroy Thacker, PhD; Karen Hendricks-Munoz; Stacey Dusing, PhD, PT, PCS
Speaker: Tanya Tripathi, MS

Neural activation within the frontal cortices during the motor actions of children with hemiplegic cerebral palsy
8:44 a.m. - 9:03 a.m.
Authors: Swati Surkar, MS, PT; Rashelle Hoffman; Regina Harbourne, PT, PhD, PCS; Max Kurz, PhD
Speaker: Swati Surkar, MS, PT

Bone and Muscle Health in Children with Cerebral Palsy
9:03 a.m. - 9:22 a.m.
Authors: Courtney Goldsbury; Piper Prange; Sarah Raciti; Peter Altenburger, PT, PhD; Mary Gannotti, PhD, PT; Stuart Warden; Robyn Fuchs, PhD
Speaker: Courtney Goldsbury

Performance of Preschool Age Children on the Pediatric Balance Scale: A Comparison of Capabilities among Children with Typical Development and Cerebral Palsy GMFCS Levels I, II, and III
9:22 a.m. - 9:41 a.m.
Authors: Mary Rose Franjoine, PT, DPT, MS, PCS; Nancy Darr, PT, DSc, NCS; Brenda Young, PhD
Speaker: Mary Rose Franjoine, PT, DPT, MS, PCS

Influence of Weight Status & Physical Fitness on Academic Achievement in All-Female College Prep High School
9:41 a.m. - 10:00 a.m.
Authors: Stacy Stolzman, MPT, PhDc; Marie Hoeger Bement; Sandra Hunter, PhD; April Harkins; Astrida Kaugars
Speaker: Stacy Stolzman, MPT, PhDc
Academy of Neurologic Physical Therapy Platform Presentations 1: Rehabilitation of Balance
11:00 a.m. - 1:00 p.m. (Neurology)

Rehabilitation of Balance
11:00 a.m. - 11:08 a.m.
Authors: Patrick Sparto, PhD, PT; Ryan Duncan, PT, DPT; Michael Lewek, PT, PhD
Speaker: Patrick Sparto, PhD, PT

Comparison of the rates of canal conversion between the Semont and Epley maneuvers in patients with posterior canal Benign Paroxysmal Positional Vertigo: A systematic review and meta-analysis
11:08 a.m. - 11:22 a.m.
Authors: Rebecca Noonan, SPT; Andrew Lui, DPT; Kara Curtis
Speaker: Rebecca Noonan, SPT

Vertical and Torsional Alignment Nulling as a Functional Assay of Otolith Asymmetry
11:22 a.m. - 11:36 a.m.
Authors: Michael Schubert, PT, PhD; Jennifer Millar, MSPT; Kara Beaton; Rebecca Pak; Yoav Gimmon, PT Ph.D
Speaker: Michael Schubert, PT, PhD

Individuals with mTBI perform a single and dual-task Timed Up and Go slower and with greater total sway.
11:36 a.m. - 11:50 a.m.
Authors: Michael Commesso, B.S., SPT; Dillon Caswell; Ryan Cullen; Christopher Neville, PT, PhD
Speaker: Michael Commesso, B.S., SPT

Reliability and Validity of the Rapid Step Up Test in Individuals with Parkinson’s Disease and Healthy Adults
11:50 a.m. - 12:04 p.m.
Authors: Cathleen Harro, PT, MS, NCS; Chelsea Garascia; Kelly Conley; Andrea Shefferly
Speaker: Cathleen Harro, PT, MS, NCS

Short and Long-Term Effectiveness of LSVT BIG on Gait, Balance, and Strength in Parkinson's Disease
12:04 p.m. - 12:18 p.m.
Authors: Taylor Sparks; Christine Baudouin; Sarah Pederson; Ashley Dew; Noelle Moreau, PhD, PT
Speaker: Ashley Dew
Trunk Motion Visual Feedback During Walking Improves Dynamic Balance in Older Adults: A Randomized Controlled Trial
12:18 p.m. - 12:32 p.m.
Authors: Eric Anson, PT, MPT; Lei Ma; Tippawan Meetam; Elizabeth Thompson; Roshita Rathore; Victoria Dean; John Jeka, PhD
Speaker: Eric Anson, PT, MPT

Best Core Stabilization Exercise to Enhance Anticipatory Postural Adjustment and Balance Performance in Chronic Hemiparetic Stroke: A Single-Blind, Randomized, Two-year Follow-up Trial
12:32 p.m. - 12:46 p.m.
Authors: Namgi Lee, Ph.D; Youngjoo Cha, BS; Joshua You, Ph.D; Chung-hwi Yi, PhD; Hye-Seon Jeon; Bongsam Choi; Dongryul Lee; Jaeman Park; Jaejin Lee, MS; Intae Ryu
Speaker: Youngjoo Cha, BS

Role of somatosensory and cerebellar inputs in control and learning of postural responses in people with Multiple Sclerosis
12:46 p.m. - 1:00 p.m.
Authors: Geetanjali Gera, PT, PhD; Brett Fling, PhD; Fay Horak, PT, PhD
Speaker: Geetanjali Gera, PT, PhD

Orthopaedic Section Platform Presentations 2
11:00 a.m. - 1:00 p.m.   (Orthopaedics)

Orthopaedics Section Platform Presentations 2
11:00 a.m. - 11:00 a.m.
Authors: Alison Chang, PT, DPT, MS
Speaker: Alison Chang, PT, DPT, MS

Determining performance in physical therapy on post-operative day zero after total knee arthroplasty
11:00 a.m. - 11:15 a.m.
Authors: Allyn Bove, PT, DPT; Catarina Gulledge; Nicholas Vaudreuil, MD; Timothy McGlaston; Brian Klatt
Speaker: Allyn Bove, PT, DPT

The Association between Knee Instability and Diminished Performance-Based Function among Patients with Knee Osteoarthritis: Data from the Osteoarthritis Initiative
11:15 a.m. - 11:30 a.m.
Minimum Physical Function Needed To Walk 6000 steps/day In People With Knee Osteoarthritis.
11:30 a.m. - 11:45 a.m.
Authors: Hiral Master, PT, MPH, CPH; Louise Thoma, PT, DPT; Meredith Christiansen, PT, DPT, OCS; Emily Polakowski; Laura A. Schmitt, DPT, PT, OCS, SCS, ATC; Daniel White, PT, ScD, MSc
Speaker: Hiral Master, PT, MPH, CPH

Muscle strategies during walking in knee osteoarthritis
11:45 a.m. - 12:00 p.m.
Authors: Annalisa Na, PT, DPT, OCS; Tara Manal, PT, DPT, OCS, SCS; Thomas Buchanan, PhD
Speaker: Annalisa Na, PT, DPT, OCS

Cost-effectiveness of Primary Total Knee Arthroplasty Patients Discharged Home Versus Another Facility Post-Operatively
12:00 p.m. - 12:15 p.m.
Authors: Caitlin Miller, DPT; Brandon Bellows, PharmD, MS
Speaker: Caitlin Miller, DPT

Decline walking reveals pronounced deficits in physical performance of patients compared to over-ground walking after total knee arthroplasty
12:15 p.m. - 12:30 p.m.
Authors: K. Foreman, PhD; Jesse Christensen, DPT, SCS; Ryan Mizner; Robin Marcus, PT, PhD; Christopher Pelt; Paul LaStayo, PhD
Speaker: K. Foreman, PhD

Prevalence and Factors Associated with Kinesiophobia following Total Knee Arthroplasty in an Inpatient Rehabilitation Setting.
12:30 p.m. - 12:45 p.m.
Authors: Janet Herbold; Julie Meslin; Sherri Walwyn; Stephen Evans; Vyacheslav Nisonov; Kristen Markoe; Suzanne Babyar, PT, PhD
Speaker: Suzanne Babyar, PT, PhD

Comparison of objectively measured physical activity among people with symptomatic knee osteoarthritis with the general US population
12:45 p.m. - 1:00 p.m.
Authors: Louise Thoma, PT, PhD; Catrine Tudor-Locke; Elroy Aguiar; Hiral Master, PT, MPH, CPH; Meredith Christiansen, PT, DPT, OCS; Daniel White, PT, ScD, MSc
Speaker: Louise Thoma, PT, PhD

Education Section Platform Presentations 1
3:00 p.m. - 5:00 p.m.

Authors: Karen Huhn, PT PhD
Speaker: Karen Huhn, PT PhD

Clinical Decision Making Abilities of Physical Therapists in Michigan to Determine the Need for Medical Referral
3:00 p.m. - 3:15 p.m.
Authors: Michael Shoemaker, PT, DPT, PhD, GCS; Crystal Lamb; Brittany Bilger; Danielle Hooker; Dan Vaughn, PT, PhD; Wendy Ginsberg
Speaker: Dan Vaughn, PT, PhD

Clinical Decision Making Skills of 3rd Year DPT Students: Intervention or Referral?
3:15 p.m. - 3:30 p.m.
Authors: Christina Odeh, PT, DHSc, PCS; Nicole Theissing; Daniel Ciezobka
Speaker: Christina Odeh, PT, DHSc, PCS

Benefits and Challenges of Student Internships: Perspectives from Clinical Partners
3:30 p.m. - 3:45 p.m.
Authors: Joy Karges, PT, EdD, MS; Angela MacCabe, PT, DPT; Jena Haigh; Dawn Williams
Speaker: Joy Karges, PT, EdD, MS

Perceived Performance of Physical Therapists Who are Residency or Fellowship Trained Compared to Those Who are Not Residency or Fellowship Trained
3:45 p.m. - 4:00 p.m.
Authors: Joann Walker, PT, DPT, SCS; Kathryn Glaws, PT, DPT; Becky Olson-Kellogg, PT, DPT, GCS, CEEAA; Joseph Farrell, PT, M App Sci, DPT, FAAOMPT, FAPTA; Carol Jo Tichenor; Julie Whitman; Matthew Briggs, PT, DPT, PhD, AT, SCS
Speaker: Joann Walker, PT, DPT, SCS

Residency Outcomes: How do they compare?
4:00 p.m. - 4:15 p.m.
Authors: William Moore, PT, DPT, OCS
**Speaker:** William Moore, PT, DPT, OCS

**Outcomes of Physical Therapy Clinical Residency Programs by Didactic Model and Mentor’s Primary Work Setting**
4:15 p.m. - 4:30 p.m.
**Authors:** Greg Hartley, DPT; Kendra Harrington, PT, DPT, WCS; Kathryn Roach, PT, PhD
**Speaker:** Greg Hartley, DPT

**Federal Physical Therapy Section Platform Presentations 1: Access**
3:00 p.m. - 5:00 p.m. (Federal)

**Federal Section Platform Presentations 1**
3:00 p.m. - 3:01 p.m.
**Authors:** Jonathan Glasberg, DPT, MA, ATP
**Speaker:** Jonathan Glasberg, DPT, MA, ATP

**Direct access to Physical Therapy Services in the Department of Veterans Affairs**
3:01 p.m. - 3:31 p.m.
**Authors:** William Wenninger, MS PT
**Speaker:** William Wenninger, MS PT

**Direct Access: Paving the Way for Opportunities and Overcoming Obstacles**
3:31 p.m. - 4:01 p.m.
**Authors:** Frederik Schmitz, PT, MPT, OCS, SCS; Frederick Crabtree, PT, MPT; Patrick Desrosiers, PT, DPT, OCS, SCS, CSCS; Robert Worms, PT, DPT; Joshua Halfpap, PT, DPT, OCS, CSCS, Jacqueline Vanmoerkerque, PT, DPT, OCS, SCS
**Speaker:** Frederik Schmitz, PT, MPT, OCS, SCS, Frederick Crabtree, PT, MPT, Patrick Desrosiers, PT, DPT, OCS, SCS, CSCS, Robert Worms, PT, DPT, Joshua Halfpap, PT, DPT, OCS, CSCS, Jacqueline Vanmoerkerque, PT, DPT, OCS, SCS

**Living the future: Impact of Direct Access Physical Therapy in the US Military Health System**
4:01 p.m. - 4:41 p.m.
**Authors:** Brian Young, PT, DSc; Daniel Rhon, PT, DPT, DSc, OCS, FAAOMPT; Gregory Taylor, MHA, MBA; Ian Lee, PT, DSc, MHA, MBA; Joel Dixon, PT, MPT, OCS, ATC
**Speaker:** Brian Young, PT, DSc, Daniel Rhon, PT, DPT, DSc, OCS, FAAOMPT, Gregory Taylor, MHA, MBA, Ian Lee, PT, DSc, MHA, MBA, Joel Dixon, PT, MPT, OCS, ATC

**Telehealth in Rehabilitation: Expanding Services in Bush Alaska**
4:41 p.m. - 5:00 p.m.
Orthopaedic Section Platform Presentations 3
3:00 p.m. - 5:00 p.m.

Authors: Chandra Preator, DPT, OCS; Joe Kennedy, PT, DPT, OCS
Speaker: Chandra Preator, DPT, OCS

Associations between physical therapy continuity of care and healthcare utilization in patients with low back pain
3:00 p.m. - 3:15 p.m.
Authors: Julie Fritz, PT, PhD, FAPTA
Speaker: Julie Fritz, PT, PhD, FAPTA

The role of physical therapist services in treatment patterns for new episodes of care among commercially insured adults with back pain.
3:15 p.m. - 3:30 p.m.
Authors: John Magel, PT, PhD, DSc, OCS, FAAOMPT; Julie Fritz, PT, PhD, FAPTA; Jaewhan Kim; Anne Thackeray, PhD, PT, MPH
Speaker: John Magel, PT, PhD, DSc, FAAOMPT

Age-related changes in lumbar paraspinal muscle cross sectional area and fatty infiltration in individuals with low back pain.
3:30 p.m. - 3:45 p.m.
Authors: Sean Rundell, PT, DPT, PhD, OCS; Laurie Gold, PhD; Ryan Hansen, PharmD, PhD; Brian Bresnahan, PhD
Speaker: Sean Rundell, PT, DPT, OCS

Biopsychosocial-Oriented Phenotyping of Chronic Low Back Pain
3:45 p.m. - 4:00 p.m.
Authors: Corey Simon, PT, PhD; Charles Gay, DC, PhD; Mark Bishop, PT, PhD; Steven George, PT, PHD
Speaker: Corey Simon, PT, PhD

Fear of Movement and Pain Self-Efficacy Mediate Outcomes following a Targeted Rehabilitation Intervention after Spine Surgery
4:00 p.m. - 4:15 p.m.
Rapid Access to Physical Therapy in one Health Care System: Early Results
4:15 p.m. - 4:30 p.m.
Authors: Kristin Archer, PhD, DPT; Rogelio Coronado, PT, PhD, CSCS, FAAOMPT; Dawn Ehde; Susan Vanston, MS, PT; Tatsuki Koyama; Sharon Phillips; Matthew McGirt, MD; Dan Spengler; Oran Aaronson, MD; Joseph Cheng, MD; Clinton Devin, MD; Stephen Wegener, PhD
Speaker: Kristin Archer, PhD, DPT

Cost-effectiveness of Cognitive-Behavioral-Based Physical Therapy after Lumbar Spine Surgery
4:30 p.m. - 4:45 p.m.
Authors: Kristin Archer, PhD, DPT; Stephen Wegener, PhD; Clinton Devin, MD; Susan Vanston, MS, PT; Matthew McGirt, MD; Dan Spengler; Oran Aaronson, MD; Joseph Cheng, MD; Kenneth Smith
Speaker: Kristin Archer, PhD, DPT

Loading of the posterior elements of the spine in healthy people is related to low back pain intensity during prolonged standing
4:45 p.m. - 5:00 p.m.
Authors: Ching-Ting Hwang; Andrej Marich, PT, DPT; Linda Van Dillen, PT, PhD, FAPTA
Speaker: Ching-Ting Hwang

Sports Physical Therapy Section Platform Presentations 1: Excellence in Research Awards - Sports Best Research For 2017
3:00 p.m. - 5:00 p.m.

Excellence in Research Awards: SPTS Best Research for 2017
3:00 p.m. - 3:00 p.m.
Authors: Charles Thigpen, PhD
Speaker: Charles Thigpen, PhD

Increased Risk of Lower Extremity Injury Following Concussion in Soldiers: a Matched Cohort Study
3:00 p.m. - 3:20 p.m.
Authors: Joseph Kardouni, PT, DPT, PhD, OCS, SCS; Tracie Shing, MPH; Craig McKinnon, MPH; Dennis Scofield; Susan Proctor
Speaker: Joseph Kardouni, PT, DPT, PhD, OCS, SCS
Non-operative treatment of shoulder instability results in high rates of return to sports in high school athletes
3:20 p.m. - 3:40 p.m.
Authors: Ellen Shanley, PhD PT OCS; Charles Thigpen, PhD; Lauren Ruffrage; Douglas Wyland, MD; Micheal Kissenberth, MD; John Tokish, MD
Speaker: Ellen Shanley, PhD PT OCS

Individuals post-Achilles tendon rupture demonstrate increased knee kinetics with reduced ankle function during a single leg drop countermovement jump
3:40 p.m. - 4:00 p.m.
Authors: Hayley Powell; Karin Silbernagel, PT, PhD, ATC; Annelie Brorsson, PT; Roy Tranberg, PhD; Richard Willy, PT, PhD, OCS
Speaker: Hayley Powell

Patellofemoral Pain and Osteoarthritis: Identification of “at-risk” individuals
4:00 p.m. - 4:20 p.m.
Authors: Lori Bolgla, PT, PhD, ATC; Richard Gordon; Gloria Sloan; Matthew Lyon; Lester Pretlow
Speaker: Lori Bolgla, PT, PhD, ATC

Functional, Patient-Report and Radiographic Outcomes 5 Years After Operative and Non-Operative Management of ACL Injury
4:20 p.m. - 4:40 p.m.
Authors: Elizabeth Wellsandt, PT, DPT, PhD, OCS; Mathew Failla, PT, MSPT, SCS; Michael Axe, MD; Lynn Snyder-Mackler, PT, ScD, FAPTA
Speaker: Elizabeth Wellsandt, PT, DPT, PhD, OCS

Clinical Factors Predict Second ACL Injury after ACL Reconstruction and Return to Sport: Development of a Clinical Decision Rule
4:40 p.m. - 5:00 p.m.
Authors: Mark Paterno, PT, PhD, MBA, SCS; Bin Huang; Staci Thomas, Masters of Science; Timothy Hewett; Laura Schmitt, PT, PhD
Speaker: Mark Paterno, PT, PhD, MBA, SCS
Friday, Feb 17, 2017

Cardiovascular and Pulmonary Section Platform Presentations 1
8:00 a.m. - 10:00 a.m.

Cardiovascular and Pulmonary Section Platform Presentations 1
8:00 a.m. - 8:15 a.m.
Authors: Chris Wells, PT, PhD, ATC, CCS
Speaker: Chris Wells, PT, PhD, ATC, CCS

Sternal micromotion during upper limb movements: is it time for a change to sternal precautions following cardiac surgery via a median sternotomy?
8:15 a.m. - 8:30 a.m.
Authors: Doa El-Ansary, BAppSc(Phty), PhD
Speaker: Doa El-Ansary, BAppSc(Phty), PhD

Motor Vehicle Driving After Cardiac Surgery Via A Median Sternotomy: Mechanical and Cognitive Considerations
8:30 a.m. - 8:45 a.m.
Authors: Doa El-Ansary, BAppSc(Phty), PhD
Speaker: Doa El-Ansary, BAppSc(Phty), PhD

Early Mobility for Critically Ill Patients in the Cardiovascular Intensive Care Unit Decreases Acute Length of Stay
8:45 a.m. - 9:00 a.m.
Authors: Bryan Lohse, DPT; Joshua Johnson, DPT, ATC; Haley Yolken; Christopher Noren, OTR/L; Robin Marcus, PT, PhD; Joseph Tonna
Speaker: Bryan Lohse, DPT

Safety of Ambulation for Patients with Intra-Aortic Balloon Pumps Inserted into the Common Femoral Artery: A Pilot Study
9:00 a.m. - 9:15 a.m.
Authors: Stephen Ramsey, PT, DPT; Ellen Hillegass, PT, PhD, CCS, FAPTA
Speaker: Stephen Ramsey, PT, DPT

Primary indicators for discharge to short-term rehabilitation following cardiac surgery
9:15 a.m. - 9:30 a.m.
Authors: Jessica Rydingsward, DPT, PT
Speaker: Jessica Rydingsward, DPT, PT
Discharge Location and Functional Mobility Following Median Sternotomy
9:30 a.m. - 9:45 a.m.
Authors: Stephanie Hiser, Doctor of Physical Therapy; Paul Ricard, PT, DPT, CCS; Charles Brown
Speaker: Stephanie Hiser, Doctor of Physical Therapy

Examining the Underutilization of Outpatient Cardiac Rehabilitation in Physical Therapy
9:45 a.m. - 10:00 a.m.
Authors: Ted Marks, DPT, CCS; Alice Henry; Thomas Protopopas; Elin Quan; Ralph Garcia, MPT, PhD
Speaker: Ted Marks, DPT, CCS

Education Section Platform Presentations 2
8:00 a.m. - 10:00 a.m.

Education Section Platform Presentation 2
8:00 a.m. - 8:05 a.m.
Authors: Karen Huhn, PT PhD
Speaker: Karen Huhn, PT PhD

Perception vs. Reality: Comparing Student Estimations of Online Content Consumption to Actual Consumption
8:05 a.m. - 8:20 a.m.
Authors: Mike Richardson, PT, DPT, GCS, COMT; Kim Mabutas; Spencer Noble; Mikyla Vastine; Evan Papa, MA, DPT, PhD
Speaker: Mike Richardson, PT, DPT, GCS, COMT

Use of sport video analysis software improves feedback in physical therapy psychomotor skills assessment.
8:20 a.m. - 8:35 a.m.
Authors: Kyle Gibson, PT, PhD, OCS; Dave Echelmeyer
Speaker: Kyle Gibson, PT, PhD, OCS

Educating Future Leaders in Movement Science and Rehabilitation: Case Report of Dual DPT/PhD(Eng)
8:35 a.m. - 8:50 a.m.
Authors: Ana Maria Acosta, PhD; Marjorie Hilliard, PT, MS, EdD; Julius Dewald, PT, PhD
Speaker: Marjorie Hilliard, PT, MS, EdD
Physical therapist productivity using a collaborative clinical education model within an acute care setting: A longitudinal study
8:50 a.m. - 9:05 a.m.
Author: Patrick Pabian, PT, DPT, SCS, OCS, CSCS; Jamie Dyson, PT, DPT
Speaker: Patrick Pabian, PT, DPT, SCS, OCS, CSCS

The One Minute Preceptor and SNAPP:S: Learner centered models to maximize the teachable moment in the clinical environment
9:05 a.m. - 9:20 a.m.
Author: Keshrie Naidoo, PT, DPT, MS, OCS; Tara Pai; Lynn Gray-Meltzer
Speaker: Keshrie Naidoo, PT, DPT, MS, OCS

Trends, Issues and Challenges and the Director of Clinical Education: Preparing for a New Direction in Physical Therapist Clinical Education
9:20 a.m. - 9:35 a.m.
Author: Christine McCallum, PT, PhD; Chalee Engelhard; Donna Applebaum, PT, DPT, MS; Valerie Teglia
Speaker: Christine McCallum, PT, PhD

International Service Learning in Physical Therapist Education: Perceptions from a Community Served
9:35 a.m. – 9:50 a.m.
Author: Jamie Haines, PT, DScPT, NCS; Michele Lambaria, PT, MPT, NCS
Speaker: Jamie Haines, PT, DScPT, NCS

Academy of Geriatric Physical Therapy Platform Presentations 2
8:00 a.m. - 10:00 a.m.

Geriatrics Section Platform Presentations 2
8:00 a.m. - 8:03 a.m.
Author: Jessie VanSwearingen, PhD, PT, FAPTA
Speaker: Jessie VanSwearingen, PhD, PT, FAPTA

Epidural Fat and Its Association with Pain, Physical Function, and Disability among Older Adults with Low Back Pain, Low Back Pain Plus Leg Pain, and Controls
8:03 a.m. - 8:16 a.m.
Author: Christina Rodriguez; Gregory Hicks, PhD, PT; Jaclyn Sions, PhD, PT, OCS
Speaker: Christina Rodriguez
Factors Contributing to and Militating Against Physical Therapists’ Decisions to Work with Older Adults: A Qualitative Approach
8:16 a.m. - 8:29 a.m.
Authors: Susan Wenker, PT, MS, GCS, CEEAA; Nathan Ebben; Allison Kleefisch; Scott Hetzel; Mary Sesto, PT, PhD
Speaker: Susan Wenker, PT, MS, GCS, CEEAA

Targeted Multi-modal Spine Strengthening Exercise Program to Reduce Hyperkyphosis in Older Adults: Preliminary Results from the SHEAF Study
8:29 a.m. - 8:42 a.m.
Authors: Wendy Katzman, PT, DPTSc; Deborah Kado; Eric Vittinghoff; Feng Lin; Anne Schafer; Roger Long; Amy Gladin; Shirley Wong; Nancy Lane
Speaker: Wendy Katzman, PT, DPTSc

Functional Lower Body Power and Velocity are Higher in Older Adults without a Fall History
8:42 a.m. - 8:55 a.m.
Authors: Jennifer Vincenzo, PT, MPH, PhD, CHES, GCS; Stephanie Gray; Jordan Glenn; Sajid Yousuf Zai; Michelle Gray, PhD
Speaker: Jennifer Vincenzo, PT, MPH, PhD, CHES, GCS

Metabolic risk factors & physical function in Diabetes-induced CKD
8:55 a.m. - 9:08 a.m.
Authors: Daniel Bittel, BS, PT, DPT; Adam Bittel, PT, DPT; Caleb Wolters; David Sinacore, PhD, PT
Speaker: Daniel Bittel, BS, PT, DPT

Psychosocial factors related to pain and disability in individuals with lumbar spinal stenosis.
9:08 a.m. - 9:21 a.m.
Authors: Amy Hammerich, PT, DPT, PhD, OCS; Julie Whitman, PT, DSc, OCS, FAAOMPT; Paul Mintken, PT, DPT, OCS, FAAOMPT; Susan Scherer, PhD, PT; Susan Driesbach; Debbie Main; Joshua Cleland
Speaker: Amy Hammerich, PT, DPT, PhD, OCS

Joint Movements Associated With Minimum Toe Clearance Variability
9:21 a.m. - 9:34 a.m.
Authors: Sylvester Carter, PhD; Mitchell Batavia, PT, MA, PhD; Gregory Gutierrez; Elizabeth Capezuti
Speaker: Sylvester Carter, PhD
Understanding pain and disability in older adults with back pain; a qualitative study of individuals with lumbar spinal stenosis.
9:34 a.m. - 9:47 a.m.
Authors: Amy Hammerich, PT, DPT, PhD, OCS; Joshua Cleland; Susan Scherer, PhD, PT; Susan Driesbach; Debbi Main
Speaker: Amy Hammerich, PT, DPT, PhD, OCS

Academy of Neurologic Physical Therapy Platform Presentations 2: Upper Extremity Rehabilitation/Role of Cognition in Rehabilitation
8:00 a.m. - 10:00 a.m.

Upper Extremity Rehabilitation/Role of Cognition in Rehabilitation
8:00 a.m. - 8:08 a.m.
Authors: Michael Ellis, PT, DPT; Ryan Duncan, PT, DPT; Michael Lewek, PT, PhD
Speaker: Michael Ellis, PT, DPT

The Effects of Aerobic Exercise and Gaming on Cognitive Performance in Young Adults
8:08 a.m. - 8:22 a.m.
Authors: Peter Douris, EdD; John Handrakis
Speaker: Peter Douris, EdD

Benefits of Transcranial Direct Current Stimulation (tDCS) in Conjunction with Physical Therapy in Chronic Stroke Survivors: A Pilot Study
8:22 a.m. - 8:36 a.m.
Authors: Kelly Danks, PT, DPT, GCS; Xin Li, Master of Medicine; Leslie O'Neill, DPT, NCS; Susanne Morton, PT, PhD
Speaker: Susanne Morton, PT, PhD

Targeted engagement of premotor cortex during task-oriented training after stroke: a case series
8:36 a.m. - 8:50 a.m.
Authors: Jill Stewart, PT, PhD; Kaci Handlery, PT, DPT; Erika Blanck, PT, DPT; Jessica Baird, MS; Geetanjali Pathak, BS; Stacy Fritz, PhD, PT
Speaker: Jill Stewart, PT, PhD

Thinking about walking: functional neuroimaging demonstrates increased demand for executive control of walking in adults with mobility deficits
8:50 a.m. - 9:04 a.m.
Authors: Kelly Hawkins, PT, DPT, NCS; Emily Fox, PT, DPT, PhD, NCS; Janis Daly; Dorian Rose, Ph.D.; Evangelos Christou, Ph.D.; Dana Otzel, PhD; Katie Butera, PT, DPT; Sudeshna Chatterjee, PT., MS.; David Clark, ScD
Can individuals with stroke flexibly prioritize attention during dual-task walking?
9:04 a.m. - 9:18 a.m.
Authors: Jody Feld, PT, DPT, NCS; Lisa Zukowski, PhD; Bijan Najafi; Lori Altmann; Carol Giuliani; Prudence Plummer, PT, PhD
Speaker: Jody Feld, PT, DPT, NCS

Maximum Reaching Abduction Load: Evidence for the Concurrent Validity of a Rapid Robotic Assessment of Reaching Function Following Stroke
9:18 a.m. - 9:32 a.m.
Authors: Michael Ellis, PT, DPT; Stefani Cleaver; Jacqueline Lyman; Zhixin Wang; Crystal Liang; Mary Richardson, SPT, BS; Kimberly Sipple, SPT, BS; Daniel Tafelski, SPT, BA; Stuart Traxel; Julius Dewald, PT, PhD
Speaker: Stefani Cleaver

Use of Accelerometers to Quantify Paretic Upper Extremity Use and Provide Feedback in Individuals Chronic Post-stroke in the Home
9:32 a.m. - 9:46 a.m.
Authors: Maureen Whitford, PT, PhD, NCS; Eric Schearer, PhD
Speaker: Maureen Whitford, PT, PhD, NCS

A Systematic Review Examining Cognitive Inclusion Criteria for Stroke Intervention Trials
9:46 a.m. - 10:00 a.m.
Authors: Lesley Bezdek; Amy Carlson; Matthew Godofsky; Lindsay McGuire; Chelsea Rowe; Sarah Surek; Leslie Bainbridge; Roberto López-Rosado, DPT, MSPT, MA; Linda O'Dwyer; Patricia Smith; Jane Sullivan, PT, DHS, MS
Speaker: Jane Sullivan, PT, DHS, MS

Orthopaedic Section Platform Presentations 4
8:00 a.m. - 10:00 a.m.

Orthopaedic Section Platform Presentations 4
8:00 a.m. - 8:00 a.m.
Authors: David Sinacore, PhD, PT
Speaker: David Sinacore, PhD, PT

Timing of Supervised Physical Therapy after Hindfoot Fractures: A Randomized Controlled Trial
8:00 a.m. - 8:15 a.m.
Authors: stephanie Albin, DPT, OCS, FAAOMPT; Shane Koppenhaver, PT, PhD, OCS, FAAOMPT; Julie Fritz, PT, PhD, FAPTA; Thomas McPoil, PT, PhD, FAPTA; Drew VanBoerum
Speaker: stephanie Albin, DPT, OCS, FAAOMPT

 Patients with Achilles tendinopathy who remain physically active have lesser degree of symptoms and change in tendon structure
8:15 a.m. - 8:30 a.m.
Authors: Patrick Corrigan, PT, DPT; Daniel Cortes; Laura Pontiggia; Karin Silbernagel, PT, PhD, ATC
Speaker: Patrick Corrigan, PT, DPT

 Posterior mobilization of the talus may not result in talar positional changes: Investigation into ankle manual therapy
8:30 a.m. - 8:45 a.m.
Authors: Theodore Croy, PhD, PT, OCS; Brian Young, PT, DSc; Kelita McLaughlin; Ian Allen; Shana Lilley; Jennah Bulen
Speaker: Theodore Croy, PhD, PT, OCS

 Pedal bone density in progressive stages of CKD-MBD
8:45 a.m. - 9:00 a.m.
Authors: David Sinacore, PhD, PT; Kathryn Bohnert, MS, CBDT; Daniel C Bittel; Adam J Bittel
Speaker: David Sinacore, PhD, PT

 Relationship of Running Related Tibial Stress to Foot Mobility and Frontal Plane Tibial Alignment
9:00 a.m. - 9:15 a.m.
Authors: Emily Brown; Richard Willy, PT, PhD, OCS; John Willson, PT, Ph.D.; Michael Baggailey, MS; Walter Jenkins, PT, DHS, ATC; Karleen Bartol; Stacey Meardon, PT, PHD
Speaker: Emily Brown

 Immediate effects of gait retraining on symptoms and running mechanics of runners with patellofemoral pain
9:15 a.m. - 9:30 a.m.
Authors: Jean-Francois Esculier, BSc PT, MSc, PhD candidate; Laurent Bouyer, PhD; Jean-Sebastien Roy, PT, PhD
Speaker: Jean-Francois Esculier, BSc PT, MSc, PhD candidate

 Clinical Effectiveness of Jump Training Augmented with Body Weight Support Following ACL Reconstruction

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9:30 a.m. - 9:45 a.m.
**Authors:** Audrey Elias, DPT, PhD, OCS; Paul LaStayo, PhD; Kari Harris; Ryan Mizner, PT, PhD
**Speaker:** Audrey Elias, DPT, PhD, OCS

**Pain Processing Alterations in Females with Chronic Patellofemoral Pain**
9:45 a.m. - 10:00 a.m.
**Authors:** Kaley Robertson; Rachelle McKinley; Paul Kline, PT, DPT; Brian Noehren, PT, PhD
**Speaker:** Kaley Robertson

### Academy of Pediatric Physical Therapy Platform Presentations 2
8:00 a.m. - 10:00 a.m.

### Section on Pediatrics Research Platform Presentations 2
8:00 a.m. - 8:06 a.m.
**Authors:** Stacey Dusing, PhD, PT, PCS; Jill Heathcock, PT, MPT, PhD
**Speaker:** Stacey Dusing, PhD, PT, PCS

**Early Parent-Administered Physical Therapy for Preterm Infants: A Randomized Controlled Trial**
8:06 a.m. - 8:25 a.m.
**Authors:** Gay Girolami, PT, MS, PhD; Tordis Ustad; Gunn Oberg; Suzann Campbell; Jorunn Helbostad; Kari Anne Evensen; Lone Jorgensen; Per Kaaresen
**Speaker:** Gay Girolami, PT, MS, PhD

**Parent-Child Interaction and the Supporting Play Exploration and Early Development Intervention (SPEEDI) Improve Infant Cognitive**
8:25 a.m. - 8:44 a.m.
**Authors:** Emily Marcinowski, PhD; Tanya Tripathi, MS; Hayley Parson; Karen Hendricks-Munoz; Stacey Dusing, PhD, PT, PCS
**Speaker:** Emily Marcinowski, PhD

**Parenting Interactions During Play between Mothers and Young Children in the Alabama Gulf Coast Region of the United States (US)**
8:44 a.m. - 9:03 a.m.
**Authors:** Elizabeth Kennedy, PT, PhD, PCS; Kareaion Eaton; Ashley Bannister; Lauren Cleavelin; Mary Collins Philips
**Speaker:** Elizabeth Kennedy, PT, PhD, PCS
Hand arm bimanual intensive therapy (HABIT) improves frontal cortex activation during motor actions of children with hemiplegic cerebral palsy
9:03 a.m. - 9:22 a.m.

Authors: Swati Surkar, MS, PT; Rashelle Hoffman; Sandra Willett, MS, PT, PCS; Janice Flegle; Regina Harbourne, PT, PhD, PCS; Max Kurz, PhD

Speaker: Swati Surkar, MS, PT

Comparison of Metabolic Syndrome Guidelines in an Adolescent Population
9:22 a.m. - 9:41 a.m.

Authors: Zachary Vandenberg; Stacy Stolzman, MPT, PhD; Marie Hoeger Bement, PT, PhD

Speaker: Zachary Vandenberg

Relationships between Gross Motor Development, Problem Daytime Behavior and Quality of Life in Young Children with Autism Spectrum Disorder
9:41 a.m. - 10:00 a.m.

Authors: James Hedgecock, PT, DPT, PCS; Amy Shui; Lisa Dannemiller, PT, DSc, PCS; Mary Jane Rapport, PT, DPT, PhD, FAPTA; Terry Katz

Speaker: James Hedgecock, PT, DPT, PCS

Sports Physical Therapy Section Platform Presentations 2: Criteria and Considerations For RTS Following ACLR
8:00 a.m. - 10:00 a.m.

Criteria and Considerations for RTS following ACLR
8:00 a.m. - 8:00 a.m.

Authors: Elizabeth Wellsandt, PT, DPT, PhD, OCS

Speaker: Elizabeth Wellsandt, PT, DPT, PhD, OCS

Low Cost Wearable Accelerometers Detect Significant Asymmetries in Lower Extremity Mechanics after ACL Reconstruction
8:00 a.m. - 8:12 a.m.

Authors: David Robbins, DPT, OCS; Daniel Cobian, PhD, DPT, CSCS; H. John Yack, PhD; Glenn Williams, doctor

Speaker: David Robbins, DPT, OCS

Women who go on to second ACL injury have more limb symmetry earlier after ACLR than those who do not
8:12 a.m. - 8:24 a.m.

Authors: Angela Smith, PT, DPT, OCS, SCS, ATC; Mathew Failla, PT, MSPT, SCS; Jacob Capin, PT, DPT, MS; Ryan Zarzycki, DPT; Lynn Snyder-Mackler, PT, ScD, FAPTA
**Effect of Early Quadriceps Strength on Function and Patient Confidence at the Time of Return to Sport after ACL Reconstruction**

8:24 a.m. - 8:36 a.m.

**Authors:** Mark Paterno, PT, PhD, MBA, SCS; Mark Bugada; Catherine Quatman-Yates, PhD, DPT; Laura Schmitt, PT, PhD

**Speaker:** Mark Paterno, PT, PhD, MBA, SCS

**Hop test performance and quadriceps strength are not associated with knee confidence, emotions, or risk appraisal during the return to sport phase of rehabilitation**

8:36 a.m. - 8:48 a.m.

**Authors:** Nathan Brown, SPT; Ryan Zarzycki, DPT; Lynn Snyder-Mackler, PT, ScD, FAPTA

**Speaker:** Nathan Brown, SPT

**Second ACL Injury Rates are Lower in Athletes with Fear of Reinjury and Lack of Confidence**

8:48 a.m. - 9:00 a.m.

**Authors:** Ryan Zarzycki, DPT; Jacob Capin, PT, DPT, MS; Mathew Failla, PT, MSPT, SCS; Lynn Snyder-Mackler, PT, ScD, FAPTA

**Speaker:** Ryan Zarzycki, DPT

**Clinical Measures to Predict Function Following Anterior Cruciate Ligament Reconstruction**

9:00 a.m. - 9:12 a.m.

**Authors:** Meredith Chaput, SPT; Joseph Lesnak, B.S., CSCS; Allison White, SPT; Marcus Palimenio, ATC; Matthew Franco, SPT; Dillon Anderson; Dimitrios Katsavelis, PhD; Jennifer Bagwell, PT, PhD, DPT; Terry Grindstaff, PT, PhD, ATC, SCS

**Speaker:** Meredith Chaput, SPT

**Changes in landing symmetry from return-to-sport to one year post-return-to-sport following ACL reconstruction in young athletes.**

9:12 a.m. - 9:24 a.m.

**Authors:** Jeffrey Chelette, PT, DPT, CSCS; Matthew Ithurburn, PT, DPT, OCS; Michael McNally, MS, CSCS; Mark Paterno, PT, PhD, MBA, SCS; Laura Schmitt, PT, PhD

**Speaker:** Jeffrey Chelette, PT, DPT, CSCS

**Return to high school sports prior to 7 months post ACL reconstruction is associated with decreased likelihood of completing the next scholastic season**

9:24 a.m. - 9:36 a.m.
Authors: Courtney Chaaban; Charles Thigpen, PhD; Jennifer Backs, DPT, SCS; Ryan Geary; Allison Mumbleau, DPT, PT; Jason Folk, MD; Micheal Kissenberth, MD; Douglas Wyland, MD; Ellen Shanley, PhD PT OCS
Speaker: Courtney Chaaban

Predictions of Total Work Based on Measures of Muscle Strength and Hop Performance in Athletes after ACL Reconstruction
9:36 a.m. - 9:48 a.m.
Authors: Mary Montalto; Louise Thoma, PT, PhD; Michael McNally, MS, CSCS; Timothy Hewett, PhD; Mark Paterno, PT, PhD, MBA, SCS; Laura Schmitt, PT, PhD
Speaker: Mary Montalto

Do Demographics, Utilization and Cost of Physical Therapy Interventions Influence Revision Rates and Clinical Outcomes in Patients Following Anterior Cruciate Ligament Reconstruction with Concurrent Meniscus Repair?
9:48 a.m. - 10:00 a.m.
Authors: Caitlin Miller, DPT; Jesse Christensen, DPT, SCS
Speaker: Caitlin Miller, DPT

Section on Research: Marilyn Gossman Graduate Student Research Seminar Platform Presentations
8:30 a.m. - 10:00 a.m.

Marilyn Gossman Graduate Student Research Seminar
8:30 a.m. - 8:34 a.m.
Authors: Justin Beebe, PT, PhD
Speaker: Justin Beebe, PT, PhD

Intensive Lifestyle Therapy to Improve Lipid Metabolism in Obese, Type 2 Diabetes
8:34 a.m. - 8:47 a.m.
Authors: Adam Bittel, PT, DPT; Mihoko Yoshino; Daniel Bittel, BS, PT, DPT; Monica Kearney; W. Todd Cade; Jun Yoshino; Dominic Reeds; Richard Stein; David Sinacore, PhD, PT; Bruce Patterson; Samuel Klein
Speaker: Adam Bittel, PT, DPT

Atrophy and Fatty Infiltration at the Paretic Elbow in Individuals with Chronic Hemiparetic Stroke: Preliminary Findings
8:51 a.m. - 9:04 a.m.
Authors: Lindsay Garmirian, DPT; Ryan Schmid; Ana Maria Acosta, PhD; Julius Dewald, PT, PhD
Speaker: Lindsay Garmirian, DPT

Quantifying knee stability in knee osteoarthritis
9:08 a.m. - 9:21 a.m.
Authors: Annalisa Na, PT, DPT, OCS; Thomas Buchanan, PhD
Speaker: Annalisa Na, PT, DPT, OCS

Real-time biofeedback of knee kinetics corrects pronounced joint mechanic asymmetry during both low- and high-demand walking tasks following total knee arthroplasty
9:25 a.m. - 9:38 a.m.
Authors: Jesse Christensen; Paul LaStayo, PhD; Robin Marcus, PT, PhD; Ryan Mizner; Christopher Pelt; K. Foreman, PhD
Speaker: Jesse Christensen

Consistency Of A Lumbar Movement Pattern In Back-Healthy People And People With Low Back Pain When Demands Of A Functional Activity Are Varied
9:42 a.m. - 9:55 a.m.
Authors: Andrej Marich, PT, DPT; Ching-Ting Hwang; Linda Van Dillen, PT, PhD
Speaker: Andrej Marich, PT, DPT

Aquatic Physical Therapy Section Platform Presentations
11:00 a.m. - 1:00 p.m.

Aquatic Section Platform Presentations
11:00 a.m. - 11:00 a.m.
Authors: Yasser Salem, PT, MS, PhD, NCS, PCS
Speaker: Yasser Salem, PT, MS, PhD, NCS, PCS

For women with breast cancer, is there evidence that aquatic therapy is more effective in improving quality of life, pain, or fatigue compared to usual care?
11:00 a.m. - 11:15 a.m.
Authors: Albert Abrenilla; Stephanie Dotterweich; Shalay Foster; Jaclyn Giagrande; Danielle Griscom; Jaclyn Odell; Vincent Petracco; Richa Ranade; Alexandra Rogers; Anita Van Wingerden, PT, DPT
Speaker: Anita Van Wingerden, PT, DPT

Body mass, metabolic and cardiovascular impact of aquatic aerobic exercise and nutritional guidance for individuals with chronic incomplete spinal cord injury (CMISCI)
11:15 a.m. - 11:30 a.m.
Authors: Paula Geigle, PT, PhD; William Scott; Peter Gorman; Smith Joanne; Kylie Jones
Speaker: Paula Geigle, PT, PhD

The Effects of an Aquatic Intervention on Balance, Gait Speed, and Core Strength in Children with Neurological Deficits
11:30 a.m. - 11:45 a.m.
Authors: Katherine Countryman, Student Physical Therapist; Mary Hurst, Student Physical Therapist; Mary Riney, Student Physical Therapist; Abbye Senn, Student Physical Therapist; Emily Walker, Student Physical Therapist; Kiersten Young, Student Physical Therapist; Elizabeth Ennis, PT, EdD, PCS, ATP; Megan Danzl, PT, DPT, PhD, NCS
Speaker: Katherine Countryman, Student Physical Therapist

The Effects of Aquatic Therapy on Fatigue and Quality of Life in Patients with Multiple Sclerosis: A Systematic Review
11:45 a.m. - 12:00 p.m.
Authors: Kimberly Willis, PT, DPT; Lisa Barnes, PT, DPT, PhD; Gracy Hewes; Natalie Phonogam
Speaker: Kimberly Willis, PT, DPT

Effects of Aquatic Physical Therapy and Body Weight Supported Treadmill Training for People with Chronic Stroke
12:00 p.m. - 12:15 p.m.
Authors: Christine McNamara, PT, DPT; Sarah Fishel, PT, DPT, NCS; Alexandra Heinkel; Lauren Lucas; Aaron Mansur; Samantha Martin; Kayla Mason; Renee Metzger; Barbara Mitchell
Speaker: Christine McNamara, PT, DPT

The effects of an eight-week individualized aquatic therapy program on quality of life in children with Duchene Muscular Dystrophy
12:15 p.m. - 12:30 p.m.
Authors: Shelby Adams, Student Physical Therapist; Sarah Hutton, Student Physical Therapist; Abby Janszen, Student Physical Therapist; Rachel Rawson, Student Physical Therapist; Casey Sisk, Student Physical Therapist; Shannon Stenger, Student Physical Therapist; Elizabeth Ennis, PT, EdD, PCS, ATP
Speaker: Shelby Adams, Student Physical Therapist

Miller Fisher Syndrome and Guillain Barré Syndrome: Rehabilitation of a Complex Patient Case
12:30 p.m. - 12:45 p.m.
Authors: Jill Mayer, PT,DPT, NCS; Christine McNamara, PT, DPT; John Mayer, PT, DPT, NCS; Nicole O'Brien, SPT; Joseph Bello, SPT; Theresa Ferrante, SPT; Nicholas LeClair, SPT; Matthew Koval, SPT; Benjamin Kraus, SPT
Speaker: Jill Mayer, PT,DPT, NCS
Aquatic Therapy for Early Mobility in a Child with Late Onset Developmental Dysplasia of the Hip: A Case Study
12:45 p.m. - 1:00 p.m.
Authors: Kaitlin Beckloff, PT, DPT; Stacy Wong, PT, DPT, PCS
Speaker: Kaitlin Beckloff, PT, DPT

Cardiovascular and Pulmonary Section Platform Presentations 2
11:00 a.m. - 1:00 p.m.

Cardiovascular and Pulmonary Section Platform Presentations 2
11:00 a.m. - 11:15 a.m.
Authors: Chris Wells, PT, PhD, ATC, CCS
Speaker: Chris Wells, PT, PhD, ATC, CCS

Critically ill patients at-risk for sedentary and relatively solitary existences
11:15 a.m. - 11:30 a.m.
Authors: Brett Koermer, BSES, SPT; Lisa Delmedico; Lindsay Southam; Sarah Foley; Kelly Hambrick; Lauren Johnston; Julie Thompson; Amy Pastva, PT PhD
Speaker: Brett Koermer, BSES, SPT

Functional Outcome Measures in Patients Undergoing Extracorporeal Membrane Oxygenation
11:30 a.m. - 11:45 a.m.
Authors: NATHAN HELLYER, PT, PhD; Sara Balch; Ramy Hagen; Jason Nieman; Natalie Woodberry; Mary Pyfferoen, PT; John Hollman, PT, PhD
Speaker: NATHAN HELLYER, PT, PhD

Physical Activity, Balance Performance and K-Levels in Individuals With Below Knee Amputations
11:45 a.m. - 12:00 p.m.
Authors: Alegra Devour, SPT; Robin Coolsaet; Sujay Galen, PhD; Kristina Reid, MS; Eric Burzynski; Ryan Filippis; Ken Eick; Marie Pepin
Speaker: Alegra Devour, SPT

Pressor and Pulse Response to Music Played during Formal Neuromuscular Relaxation Sessions.
12:00 p.m. - 12:15 p.m.
Authors: a b; Christine Meconi; Brittany Simon; Cole Steffen; Don Shaw
Speaker: a b
Static and Dynamic Balance in Individuals with Cardiovascular Disease: A Pilot Study
12:15 p.m. - 12:30 p.m.
Authors: Neeti Pathare, Phd, PT; Thomas Plowinske; Giuseppe Ragonese; Lisa Silvestri; Samantha Woitkoski
Speaker: Neeti Pathare, Phd, PT

Improved diaphragm descent in children with Pompe disease following intramuscular gene therapy
12:30 p.m. - 12:45 p.m.
Authors: Barbara Smith, PT, PhD; Jordan Marcus; Lee Lawson; Saleem Islam; Manuela Corti; Shelley Collins; Barry Byrne, MD, PhD
Speaker: Barbara Smith, PT, PhD

Expiratory Airflow Limitations on Lung Flute® Effectiveness in Secretion Clearance
12:45 p.m. - 1:00 p.m.
Authors: Francisco Da Silva, MA CCS
Speaker: Francisco Da Silva, MA CCS

Oncology Section Platform Presentations 1
11:00 a.m. - 1:00 p.m.

Oncology Section Platform Presentations I
11:00 a.m. - 11:00 a.m.
Authors: Jeannette Lee, PT, PhD; Shana Harrington, PT, PhD, SCS, MTC
Speaker: Jeannette Lee, PT, PhD

Breast cancer-related lymphedema signs, symptoms, function and diagnosis among long-term survivors
11:00 a.m. - 11:15 a.m.
Authors: Ann Marie Flores, PT, PhD, CLT
Speaker: Ann Marie Flores, PT, PhD, CLT

Local Tissue Water Measurements in the Trunk of Women After Breast Cancer Treatment
11:15 a.m. - 11:30 a.m.
Authors: Heather Hutchinson; Jennifer Field; Gabby Mickevicius, SPT, CSCS; Judy Mastick; Christine Miaskowski; Betty Smoot, PT, DPTSc
Speaker: Heather Hutchinson

Local Tissue Water Measurements in the Upper Extremities of Women After Breast Cancer Treatment
11:30 a.m. - 11:45 a.m.
**Authors:** Gabby Mickevicius; Jennifer Field; Heather Hutchinson; Judy Mastick; Christine Miaskowski; Betty Smoot, PT, DPTSc
**Speaker:** Gabby Mickevicius

**Quality of Life (QOL) and Lymphedema in Breast Cancer Patients: An Assessment of International Breast Cancer Dragon Boat Racers**
11:45 a.m. - 12:00 p.m.
**Authors:** Kayley Mikolajczyk, SPT; Christian Metz; Sami Monson; Aleksi Moran; Sandra Rosenberg; Jennifer Thorup; Linda Koehler, PT, PhD, CLT-LANA
**Speaker:** Kayley Mikolajczyk, SPT

**Arthralgias Associate with Lower Balance Confidence Among Breast Cancer Survivors on Aromatase Inhibitors: Accelerated Aging?**
12:00 p.m. - 12:15 p.m.
**Authors:** Elizabeth Hile, PhD, PT, NCS, CLT; Susan Whitney, DPT, PhD, NCS, ATC, FAPTA; Justin Dvorak; Kai Ding; Stephanie Studenski
**Speaker:** Elizabeth Hile, PhD, PT, NCS, CLT

**Comparison of 4 shoulder-related outcome measures in individuals with head and neck cancer using Rasch analysis**
12:15 p.m. - 12:30 p.m.
**Authors:** Melissa Eden, PT, DPT, OCS; M. Samuel Cheng, PT, M.S., Sc.D.
**Speaker:** Melissa Eden, PT, DPT, OCS

**A 12-Week Pragmatic Exercise and Stress Management Program for Cancer Related Fatigue**
12:30 p.m. - 12:45 p.m.
**Authors:** Lora Packel, PhD, PT; Elizabeth Handorf; Michelle Rodoletz; Carolyn Fang
**Speaker:** Lora Packel, PhD, PT

**Maximizing Cancer Survivorship: Implementation of an Evidence-Based Exercise Program Focusing on Balance**
12:45 p.m. - 1:00 p.m.
**Authors:** Ann Newstead, PT, MS, PhD, GCS, NCS, CEEAA; Stacey Young-McCaughan; Helen Parsons; Susanne Schmidt
**Speaker:** Ann Newstead, PT, MS, PhD, GCS, NCS, CEEAA

**Orthopaedic Section Platform Presentations 5**
11:00 a.m. - 1:00 p.m. (Orthopaedics)
Orthopaedic Section Platform Presentations 5
11:00 a.m. - 11:00 a.m.
Authors: Daniel Rhon, PT, DPT, DSc, OCS, FAAOMPT
Speaker: Daniel Rhon, PT, DPT, DSc, OCS, FAAOMPT

Prosthetic Users who Report Multiple Falls in the Past Year Walk Faster Than Their Peers Who Report Fewer Falls
11:00 a.m. - 11:15 a.m.
Authors: Sarah Smith, PT, DPT, GCS; Tara Manal, PT, DPT, OCS, SCS; Jaclyn Sions, PhD, PT, OCS
Speaker: Sarah Smith, PT, DPT, GCS

The Association between Wheelchair Use with Spine and Upper Limb Pain after Bilateral Lower Limb Amputation
11:15 a.m. - 11:30 a.m.
Authors: Keith Myers; Susan Eskridge, PT, PhD; Kaeley Shannon; Owen Hill; Shawn Farrokhi, DPT, PhD
Speaker: Keith Myers

Incidence of Overuse Musculoskeletal Injuries in Military Service Members With Traumatic Lower Limb Amputation
11:30 a.m. - 11:45 a.m.
Authors: Shawn Farrokhi, DPT, PhD; Adam Yoder, Mechanical Engineer, MS; Susan Eskridge, PT, PhD; Kaeley Shannon; Owen Hill
Speaker: Shawn Farrokhi, DPT, PhD

Gender distribution of authors in the Journal of Orthopaedic and Sports Physical Therapy, 2010-2014
11:45 a.m. - 12:00 p.m.
Authors: Rebecca Van Klaveren, DPT; Carl Fairburn, DPT; Todd Davenport, PT, DPT, MPH, OCS
Speaker: Rebecca Van Klaveren, DPT

Benchmarking Outpatient Physical Therapy Clinics Using the Oswestry Low Back Questionnaire(ODI) & Neck Disability Index(NDI)
12:00 p.m. - 12:15 p.m.
Authors: Adam Lutz, PT, DPT; Chris Stout, PsyD, PhD; Cole Chapman; Ellen Shanley, PhD PT OCS; Charles Thigpen, PhD
Speaker: Adam Lutz, PT, DPT
Early Physical Therapy Utilization Patterns and Incidence of Secondary Musculoskeletal Conditions after Lower Limb Amputation
12:15 p.m. - 12:30 p.m.
Authors: Brittney Mazzone, PT, DPT; Susan Eskridge, PT, PhD; Kaeley Shannon; Owen Hill; Jacqueline Moore; Shawn Farrokhi, DPT, PhD
Speaker: Brittney Mazzone, PT, DPT

Patient and therapist perceptions of physical contact differ significantly and may influence therapeutic alliance.
12:30 p.m. - 12:45 p.m.
Authors: Sean McInerney, PT, DPT; Aaron Keil, DPT, OCS; Bradley Myers, PT, DPT, OCS, CMPT; Deborah Davey, BSc PT, MBA-HC, PhD (c),
Speaker: Sean McInerney, PT, DPT

Determining functional limitation reporting with Medicare patients in an outpatient orthopedic setting
12:45 p.m. - 1:00 p.m.
Authors: Stephen Hunter, Doctor of Physical Therapy; Gerard Brennan, PhD; Gregory Snow; Kate Minick
Speaker: Stephen Hunter, Doctor of Physical Therapy

Sports Physical Therapy Section Platform Presentations 3: Functional Testing And Lower Quarter Injury Prevention
11:00 a.m. - 1:00 p.m.

Functional Testing and Lower Quarter Injury Prevention
11:00 a.m. - 11:00 a.m.
Authors: Richard Willy, PT, PhD, OCS
Speaker: Richard Willy, PT, PhD, OCS

Relationship Between Sport Specialization and Musculoskeletal Injury Among Competitive Female High School Athletes
11:00 a.m. - 11:12 a.m.
Authors: Mitchell Rauh, PT, PhD, MPH, FACSM; Alexandra Dillon; Mark Paterno, PT, PhD, MBA, SCS, ATC; Jeffery Taylor-Haas, PT, DPT, OCS, CSCS; Christin Zwolski, PT, DPT, OCS; Jeanne Nichols
Speaker: Mitchell Rauh, PT, PhD, MPH, FACSM

Associations between menstrual dysfunction, training mileage, and injury in high school cross-country runners
11:12 a.m. - 11:24 a.m.
**Authors:** Erin Menefee; Rebecca Durant; Mitchell Rauh, PT, PhD, MPH, FACSM
**Speaker:** Erin Menefee

**Y-Balance Test as a Predictor of Running-Related Injuries in High School Cross-Country Athletes**
11:24 a.m. - 11:36 a.m.
**Authors:** Natalie Ruffe; Samantha Sorce; Mitchell Rauh, PT, PhD, MPH, FACSM
**Speaker:** Natalie Ruffe

**The Agreement in Identifying Movement Impairments Utilizing 2D Video Running Gait Analysis**
11:36 a.m. - 11:48 a.m.
**Authors:** Katherine Wayman, PT, DPT; Matthew Briggs, PT, DPT, PhD, AT, SCS
**Speaker:** Katherine Wayman, PT, DPT

**Preseason weight-bearing symmetries differ in athletes sustaining lower extremity injury during the competitive season**
11:48 a.m. - 12:00 p.m.
**Authors:** Debi Jones, DPT; Susan Tillman, PT; Michael Moser, MD, MS, FACS; Kevin Farmer; Terese Chmielewski, PT, PhD, SCS
**Speaker:** Debi Jones, DPT

**Relationship between Functional Tests and Injury Occurrence in Male Soldiers undergoing Special Forces Assessment and Selection**
12:00 p.m. - 12:12 p.m.
**Authors:** Greer Christopher, PhD; Matthew Garber; Robert Butler; Mitchell Rauh, PT, PhD, MPH, FACSM
**Speaker:** Greer Christopher, PhD

**Lower Quadrant Time-Loss Injury Rates and Preseason Performance Risk Factors in Female Collegiate Volleyball Players**
12:12 p.m. - 12:24 p.m.
**Authors:** Jason Brumitt, PT, PhD, ATC, CSCS; Alma Mattocks, MS, ATC; Phil Lentz; Jeremy Loew; Amy Engilis
**Speaker:** Jason Brumitt, PT, PhD, ATC, CSCS

**Influence of Stride Frequency on Knee Joint Stiffness and Anterior Shear Force in Female Runners**
12:24 p.m. - 12:36 p.m.
**Authors:** D.S. Blaise Williams, Ph.D., MPT; Bhushan Thakkar
Fatty Infiltrate of the Lumbar Multifidi Muscles Predicts Return to Play in Young Athletes with Extension-Based Low Back Pain
12:36 p.m. - 12:48 p.m.
Authors: John Winslow, DPT, OCS, MTC, ATC; Hilary Greenberger, PT, PhD; Andrew Getzin; Walter Silbert
Speaker: John Winslow, DPT, OCS, MTC, ATC

Long-term Clinical Outcomes and Factors that Predict Poor Prognosis in Athletes after a Diagnosis of Acute Spondylolysis: An Observational Analysis.
12:48 p.m. - 1:00 p.m.
Authors: Mitchell Selhorst, PT, DPT, OCS; Anastasia Fischer, MD; Kristine Graft, PT, DPT, OCS; Reno Ravindran, MD; Eric Peters, PTA; Richard Rodenberg, MD; James MacDonald, MD, MPH
Speaker: Mitchell Selhorst, PT, DPT, OCS

Section on Women’s Health Platform Presentations
11:00 a.m. - 1:00 p.m.  (Womens Health)

Women's Health Section Platform Presentations
11:00 a.m. - 11:00 a.m.
Authors: Christine Cabelka, MPT, WCS, CLT
Speaker: Christine Cabelka, MPT, WCS, CLT

Recommended Anatomical Competencies for Physical Therapists Treating the Pelvic Floor
11:00 a.m. - 11:20 a.m.
Authors: Karen Snowden, DPT; Melissa Carroll, PhD, MS; Megan Billetz; Marika DeSanctis; Eileen Tarnowski
Speaker: Karen Snowden, DPT

Assessment of Abdominal Muscle Thickness in Post-Partum Women Who Have Undergone Cesarean Sections as Compared to Vaginal Births
11:20 a.m. - 11:40 a.m.
Authors: Kelli Brizzolara, PT, PhD, OCS; Sharon Wang-Price, PhD; Jason Zafereo, PT, PhDc
Speaker: Kelli Brizzolara, PT, PhD, OCS

Impact of Skilled Pelvic Floor Muscle Training on the Incidence and Severity of Stress Urinary Incontinence in Pregnant and Postpartum Women: A Systematic Review
11:40 a.m. - 12:00 p.m.
Authors: Dominique Heres; Katlyn Liley; Ashley Russell; Olga McSorley, MSPT, DPT
Speaker: Olga McSorley, MSPT, DPT

The biomechanics of “mom jeans”
12:00 p.m. - 12:20 p.m.
Authors: Jennifer Bagwell, PT, PhD, DPT; Tzu-Chieh Liao; Christopher Powers, PT, PhD, FACSM, FAPTA
Speaker: Jennifer Bagwell, PT, PhD, DPT

Co-occurrence of Temporomandibular Disorder and Pelvic Pain
12:20 p.m. - 12:40 p.m.
Authors: Timothy Bayruns; Lisa Tate, MSPT; Lucinda Hayburn; Jennifer Dekerlegand, MPT
Speaker: Lisa Tate, MSPT

Women with Fibromyalgia Demonstrate Reduced Pain Inhibition Capacity Compared to Pain-Free Controls.
12:40 p.m. - 1:00 p.m.
Authors: Corey Simon, PT, PhD; Nathanial Eckert; Joseph Riley III
Speaker: Corey Simon, PT, PhD

Academy of Acute Care Physical Therapy Platform Presentations 1
3:00 p.m. - 5:00 p.m.

Acute Care Section Platform Presentation 1
3:00 p.m. - 3:12 p.m.
Authors: Barbara Smith, PT, PhD; Kerry Lammers, PT, DPT
Speaker: Barbara Smith, PT, PhD

Safety and Feasibility of Out of Bed Mobility Interventions in Patients with External Ventricular Drain in a Neurosurgical Intensive Care Unit
3:12 p.m. - 3:24 p.m.
Authors: Clara Gaspari, PT, DPT, NCS; Sabrina Lafayette; Anna Carolina Jaccoud
Speaker: Clara Gaspari, PT, DPT, NCS

Gait improvement after cerebrospinal fluid tap test in adults with idiopathic normal pressure hydrocephalus
3:24 p.m. - 3:36 p.m.
Authors: Brian Olkowski, PT, DPT, NCS; Liebman Kenneth; Melissa Arcaro; Laurie Slotnick; Kamyar Maghazehe; Cynthia Lewis-Diaz; Gediminas Gliebus
Speaker: Brian Olkowski, PT, DPT, NCS
The effect of body position on incentive spirometry values in healthy subjects
3:36 p.m. - 3:48 p.m.
Authors: Ted Marks, DPT, CCS; Chava Berger; Joe Calamonici; David Gindi; Ashkan Nefas-Kalimi; Amarinder Parmar; Ralph Garcia, MPT, PhD
Speaker: Ted Marks, DPT, CCS

Project BOOST Survey: An Investigation of Physical Therapist Involvement in a national program designed to reduce hospital readmission
3:48 p.m. - 4:00 p.m.
Authors: Audrey Johnson, DPT
Speaker: Audrey Johnson, DPT

Predictive Tools in Inpatient Disposition Outcomes: A Pilot Study for Hip and Knee Arthroplasty Patients
4:00 p.m. - 4:12 p.m.
Authors: Kathryn Zeppieri, Bachelor in PT; Katie Butera, PT, DPT; Hari Parvataneni; Dane Iams; Steven George, PT, PHD
Speaker: Kathryn Zeppieri, Bachelor in PT

Acute Care Patient Functional Status is Associated with 30-Day Hospital Readmission
4:12 p.m. - 4:24 p.m.
Authors: Joshua Johnson, DPT, ATC; Gregory Stoddard; Christopher Noren, OTR/L; Julie Fritz, PT, PhD, FAPTA; Robin Marcus, PT, PhD
Speaker: Joshua Johnson, DPT, ATC

Effect of PT Staffing in the ICU on Mobilization of Traumatically-Injured Patients: A Retrospective Study
4:24 p.m. - 4:36 p.m.
Authors: Elliot Teh, SPT; Laura Bonin; Lindsay Mishaw; Pamela Chitika, PT; Gordon Warren, PhD
Speaker: Elliot Teh, SPT

Comparison of Two TKA Protocols: Effect on the CJR Model
4:36 p.m. - 4:48 p.m.
Authors: Claire Robbins, PT, DPT, MS; Carl Talmo; James Bono; Daniel Ward
Speaker: Claire Robbins, PT, DPT, MS

Federal Physical Therapy Section Platform Presentations 2: Clinical
3:00 p.m. - 5:00 p.m.
Federal Section Platform Presentations 2
3:00 p.m. - 3:01 p.m.
Authors: Jonathan Glasberg, DPT, MA, ATP
Speaker: Jonathan Glasberg, DPT, MA, ATP

Dynamic stability during perturbed walking and its relationship with step length symmetry
3:01 p.m. - 3:16 p.m.
Authors: Benjamin Darter, PT, PhD; Bethany Labrecque, BS
Speaker: Bethany Labrecque, BS

Physical Therapy Practice Patterns for Military Service Members with Lower Extremity Amputations
3:16 p.m. - 3:31 p.m.
Authors: Brittney Mazzone, PT, DPT; Katherine Schmitz; Susan Eskridge, PT, PhD; Kaeley Shannon; Owen Hill; Jacqueline Moore; Shawn Farrokhi, DPT, PhD
Speaker: Brittney Mazzone, PT, DPT

Trunk and Hip Compensations during Turning in Individuals with Transtibial Amputation
3:31 p.m. - 3:46 p.m.
Authors: Amanda Murray, PT, DPT, PhD; Brecca Gaffney, MS; Victor Cheuy; Matthew Miller; Sarah Zugalla; Bradley Davidson, PhD; Cory Christiansen, PT, PhD
Speaker: Amanda Murray, PT, DPT, PhD

Loading Adaptations of the Lower Extremities during Step Descent in People with Diabetes and Transtibial Amputation
3:46 p.m. - 4:01 p.m.
Authors: Matthew Miller, PT, DPT, NCS; Victor Cheuy; Amanda Murray, PT, DPT, PhD; Sarah Poinski-McCoy; Brecca Gaffney, MS; Bradley Davidson, PhD; Cory Christiansen, PT, PhD
Speaker: Matthew Miller, PT, DPT, NCS

Stopping the Slippery Slope of Amputation in diabetics - Starting intervention prior to the development of diabetic foot ulcers
4:01 p.m. - 4:16 p.m.
Authors: Ron West, DPT
Speaker: Ron West, DPT

Therapeutic Treatment of Veterans Through Yoga: A Mixed Methods Approach
4:16 p.m. - 4:31 p.m.
Authors: Angela Lewis, PTA, CYI, SPT; Roy Aldridge, EdD; Crystal Andrew; Lynda Nash
Speaker: Angela Lewis, PTA, CYI, SPT

Variables Predicting Fall Risk in Unilateral Lower Limb Amputees as measured by Component Timed-Up-and-Go (cTUG) Test
4:31 p.m. - 4:46 p.m.
Authors: Sheila Clemens, MPT; Ignacio Gaunaud, PhD, MSPT; Vibhor Agrawal, PhD; Jennifer Lucarevic, PT, DPT, CDSS; Christopher Bennett, PhD; Robert Gailey, PhD, PT
Speaker: Sheila Clemens, MPT

The Relationship Between Vestibular Sensory Integration and Mobility in People with Transtibial Amputation
4:46 p.m. - 5:00 p.m.
Authors: Jennifer Lucarevic, PT, DPT, CDSS; Sheila Clemens, MPT; Paulina Belsky; Lauren Summerton, Doctorate of Physical Therapy; Melody Walkup; Stephen Wallace; Lori Yokomizo; Ignacio Gaunaud, PhD, MSPT; Robert Gailey, PhD, PT
Speaker: Jennifer Lucarevic, PT, DPT, CDSS

Home Health Section Platform Presentations
3:00 p.m. - 5:00 p.m.

Home Health Section Platform Presentations
3:00 p.m. - 3:10 p.m.
Authors: Matt Janes, PT, DPT, MHS, OCS, CSCS
Speaker: Matt Janes, PT, DPT, MHS, OCS, CSCS

Aging in place: the Program of All Inclusive Care for Elders (PACE) and the innovative and changing role of physical therapy in an interdisciplinary collaborative care model.
3:10 p.m. - 3:30 p.m.
Authors: Diane O'Sullivan; Gail Stern, PT, PhD, NCS
Speaker: Diane O'Sullivan

A 13-Item Community-Dwelling Older Adult Screening Tool (COAST) May Predict Functional Decline In Older Adults
3:30 p.m. - 3:50 p.m.
Authors: Wendy Anemaet, PT, PhD, GCS; Amy Hammerich, PT, DPT, PhD, OCS; donovan taraba; shannon massine; cody hullman; tess slapper; robert gorycki; Kelsy Takashima; Ally Shackleford; matt sullivan
Speaker: Wendy Anemaet, PT, PhD, GCS
Best Practice Assessment and Interventions for Patients With Wounds in a Home Health Setting
3:50 p.m. - 4:10 p.m.
Authors: Anthony D'Alonzo, PT DPT MBA; Mitchell Brotsky; Kira D'Annunzio; Kyle Suydam
Speaker: Anthony D'Alonzo, PT DPT MBA

A Home-Based Exercise Program Using Self-Management Strategies for Individuals with Type 2 Diabetes: A Follow-Up Study
4:10 p.m. - 4:30 p.m.
Authors: Andrew Bartlett, PT, PhD, MPA; Bunny Dugo; Holly Heitmann; Amanda Johnson; Jennifer Whalls
Speaker: Andrew Bartlett, PT, PhD, MPA

Establishing normative data for the stair climb test in the healthy adult population.
4:30 p.m. - 4:50 p.m.
Authors: Delia Istrate; Sharlene Johnson; David Paek; Benjamin Wilkening; Anthony Parish; Kathleen Schaefer, DPT, MBA; Anne Thompson, PT, EdD; Greg Wimer
Speaker: Delia Istrate

Oncology Section Platform Presentations 2
3:00 p.m. - 5:00 p.m.

Oncology Section Platform Presentations II
3:00 p.m. - 3:00 p.m.
Authors: Jeannette Lee, PT, PhD; Shana Harrington, PT, PhD, SCS, MTC
Speaker: Jeannette Lee, PT, PhD

Effects of Exercise in Palliative Care for Patients with Advanced Cancer: An Evidence-Based Review and Meta-Analysis
3:00 p.m. - 3:15 p.m.
Authors: Jennifer Truong; Nicole Goldberg; Jeannette Lee, PT, PhD
Speaker: Jennifer Truong

Communication at End of Life: A Metasynthesis Honoring Patient Preferences
3:15 p.m. - 3:30 p.m.
Authors: Shauna Malta, PT, DPT, MS; Madalana Pegues; Victoria Petrushenko; Kati-Lyn Tierney; Danyelle Wong; Rachael Yelda
Speaker: Shauna Malta, PT, DPT, MS
Physical and Occupational Therapy Involvement in a Hospital-Based Interdisciplinary Palliative Care Program
3:30 p.m. - 3:45 p.m.
Authors: Christopher Wilson, PT, DScPT, DPT, GCS; Danielle Roy
Speaker: Christopher Wilson, PT, DScPT, DPT, GCS

Primary Malignant Cardiac Tumors: A Literature Review of Angiosarcomas
3:45 p.m. - 4:00 p.m.
Authors: Deb Doherty, PT, PhD, CEAS; Sara Arena, PT, MS, DScPT; Emma Claucherty; Sheena Moore
Speaker: Deb Doherty, PT, PhD, CEAS

Implementation and Preliminary Analysis of the FACT-G Quality of Life Survey Within a Breast Oncology Survivorship Clinic
4:00 p.m. - 4:15 p.m.
Authors: Deb Doherty, PT, PhD, CEAS; Reyna Colombo, PT, MA; Christopher Wilson, PT, DScPT, DPT, GCS; Kodie Krzys; Sarah Lange; Hayley Maynes
Speaker: Deb Doherty, PT, PhD, CEAS

Aerobic Exercise Training Effects on Resting Vital Signs in African American and Caucasian Women following Breast Cancer Treatment: A Pilot Study
4:15 p.m. - 4:30 p.m.
Authors: Jacqueline Drouin, PT, PhD; Cecily Ciaramitaro; Katherine Hebert; Caitlin Williams; Charles Marks
Speaker: Jacqueline Drouin, PT, PhD

4:30 p.m. - 4:45 p.m.
Authors: Jacqueline Drouin, PT, PhD; Kendra Sereno; Kristina Hylland-Reesman; Charles Marks
Speaker: Jacqueline Drouin, PT, PhD

Assessment of Pain, Pain Related Fear and Pain Catastrophizing in Women Diagnosed with Breast Cancer: Outcomes of Prospective Surveillance
4:45 p.m. - 5:00 p.m.
Authors: Shana Harrington, PT, PhD, SCS, MTC; Steven George, PT, PHD
Speaker: Shana Harrington, PT, PhD, SCS, MTC
Sports Section Platform Presentations 4: Implications and Functional Assessment After Knee Injury
3:00 p.m. - 5:00 p.m. (Sports)

Implications and Functional Assessment after Knee Injury
3:00 p.m. - 3:00 p.m.
Authors: Laura Schmitt, PT, PhD
Speaker: Laura Schmitt, PT, PhD

Correlation Between Lumbopelvic Instability, Hip Weakness and Patellofemoral Symptoms
3:00 p.m. - 3:12 p.m.
Authors: Greg Almeter; Sozina Katuli; Kathy Berglund, DSc; Carrie Carter; Amanda Church; Braden Knott; Matthew Lund; Jonathan McLane; Andrew Park; Tamara Patrick; Brooke Veen; John Zdor
Speaker: Greg Almeter

Biomechanical characteristics of responders and non-responders to an ACL injury prevention program
3:12 p.m. - 3:24 p.m.
Authors: Jeffrey Taylor, PT, PhD, DPT, OCS, SCS, CSCS; Kevin Ford, PhD; Anh-Dung Nguyen; Sandra Shultz
Speaker: Jeffrey Taylor, PT, PhD, DPT, OCS, SCS, CSCS

Leg Press Power and Quadriceps Rate of Force Development are Associated with Reduced Knee Joint Moments and Powers, Hop Performance, and Patient-Based Outcomes 4 to 12 months after Anterior Cruciate Ligament Reconstruction
3:24 p.m. - 3:36 p.m.
Authors: Daniel Cobian, DPT, CSCS; David Robbins, DPT, OCS; H. John Yack, PhD; Glenn Williams, doctor
Speaker: Daniel Cobian, DPT, CSCS

Between Session Reliability for Quadriceps Peak Torque and Rate of Torque Development Measures in Healthy Individuals
3:36 p.m. - 3:48 p.m.
Authors: Marcus Palimenio, ATC; Matthew Franco, SPT; Dillon Anderson; Jennifer Bagwell, PT, PhD, DPT; Dimitrios Katsavelis, PhD; Terry Grindstaff, PT, PhD, ATC, SCS
Speaker: Marcus Palimenio, ATC

Can Triple Hop Kinematics and Kinetics Predict ACL Injury in Soccer Players?
3:48 p.m. - 4:00 p.m.
Single Leg Jumping Tests are Influenced by Quadriceps Function
4:00 p.m. - 4:12 p.m.
Authors: Joseph Lesnak, B.S., CSCS; Allison White, SPT; Meredith Chaput, SPT; Marcus Palimenio, ATC; Matthew Franco, SPT; Dillon Anderson; Dimitrios Katsavelis, PhD; Jennifer Bagwell, PT, PhD, DPT; Terry Grindstaff, PT, PhD, ATC, SCS
Speaker: Joseph Lesnak, B.S., CSCS

The Utilization of Single Leg Squat Performance to Evaluate Lower Extremity Biomechanics Following Anterior Cruciate Ligament Reconstruction
4:12 p.m. - 4:24 p.m.
Authors: Steve Carlin; Brian Duncan, PT, DPT, OCS, SCS, FAAOMPT; Amanda Birk; Christopher Juneau; Russell Paine; Walter Lowe, MD; Lane Bailey, PhD, PT, DPT, CSCS
Speaker: Steve Carlin

Measurement of Single Leg Vertical Hop Height after ACL Reconstruction using Wearable Accelerometers
4:24 p.m. - 4:36 p.m.
Authors: David Robbins, DPT, OCS; Daniel Cobian, PhD, DPT, CSCS; H. John Yack, PhD; Glenn Williams, doctor
Speaker: David Robbins, DPT, OCS

Disconnect Between Patient Perception and Achievement of Comprehensive Criteria of Return to Sport Status 24 Months Post ACL-Reconstruction
4:36 p.m. - 4:48 p.m.
Authors: Adam Popchak, PT, DPT, MS, SCS; Andrew Lynch, PT, PhD; Scott Tashman; Freddie Fu; James Irrgang, PT, PhD, ATC, FAPTA
Speaker: Adam Popchak, PT, DPT, MS, SCS

Quadriceps Strength Symmetry at the Time of Return-to-Sport and Landing Mechanics Two Years Later in Young Athletes after ACL Reconstruction
4:48 p.m. - 5:00 p.m.
Authors: Matthew Ithurburn, PT, DPT, OCS; Michael McNally, MS, CSCS; Timothy Hewett, PhD; Mark Paterno, PT, PhD, MBA, SCS; Laura Schmitt, PT, PhD
Speaker: Matthew Ithurburn, PT, DPT, OCS

Telehealth in Rehabilitation: Expanding Services in Bush Alaska
3:00 p.m. - 3:00 p.m.
Authors: Chandra Preator, DPT, OCS; Joe Kennedy, PT, DPT, OCS
Speaker: Chandra Preator, DPT, OCS
Saturday, Feb 18, 2017

Academy of Acute Care Platform Presentations 2
8:00 a.m. - 10:00 a.m.

Acute Care Section Platform Presentation 2 - Special Interest
8:00 a.m. - 8:12 a.m.
Authors: Barbara Smith, PT, PhD; Kerry Lammers, PT, DPT
Speaker: Barbara Smith, PT, PhD

Defining and Tracking Access in Acute Care: An Administrative Case Report
8:12 a.m. - 8:24 a.m.
Authors: Trevor Carlson, MS
Speaker: Trevor Carlson, MS

Functional Outcomes of Hospitalized Patients Awaiting Liver Transplant
8:24 a.m. - 8:36 a.m.
Authors: Melanie Quintans, DPT; Jennifer Dekerlegand, MPT
Speaker: Melanie Quintans, DPT

Prioritizing Rehab Orders to Improve Throughput and Discharge Process in an Acute Care Hospital
8:36 a.m. - 8:48 a.m.
Authors: Brenda Runion, PT, MEd, DPT
Speaker: Brenda Runion, PT, MEd, DPT

Quality Improvement and Patient Safety considerations: Mobility, Psychosocial, and Fall Precaution Implementation Challenges in Acute Care
8:48 a.m. - 9:00 a.m.
Authors: Rebecca Noonan, SPT; Catherine Chen; Stacie Wong; Amber Fitzsimmons, PT, MS, DPTSc
Speaker: Rebecca Noonan, SPT

Shifting Drivers: Positive Outcomes of Converting from System-Driven to Value-Driven Practice in an ICU
9:00 a.m. - 9:12 a.m.
Authors: Doug Benson, DPT; Derek Furze; Joshua Johnson, DPT; Christopher Noren, MOT; Robin Marcus, PT, PhD
Speaker: Doug Benson, DPT
Innovative rehabilitation strategies for a patient with ICU acquired weakness and strict bilateral upper extremity non-weightbearing restriction: a case report.
9:12 a.m. - 9:24 a.m.
Authors: Vicky Hu, PT, DPT, CCS, CSCS; Louise Wall, PT
Speaker: Vicky Hu, PT, DPT, CCS, CSCS

Moving Beyond Survival: The International Classification of Functioning, Disability and Health (ICF) as a framework to improve Long-Term Outcomes in People Recovering from critical illness.
9:24 a.m. - 9:36 a.m.
Authors: Tania Larsen, PhD (candidate); Deborah Lucy, PT, PhD
Speaker: Tania Larsen, PhD (candidate)

Cardiovascular and Pulmonary Section Platform Presentations 3
8:00 a.m. - 10:00 a.m.

Use of Telehealth for Patients with Congestive Heart Failure Undergoing Physical Rehabilitation: A Systematic Review
8:15 a.m. - 8:30 a.m.
Authors: Ashley Anderson; Cody Hernandez; Calvin Saulog; Justin Royer; Joseph Padilla; Don Shaw, PT, PhD, D.Min.
Speaker: Ashley Anderson

White Coat Syndrome: Effect on arterial blood pressure in a controlled environment
8:30 a.m. - 8:45 a.m.
Authors: Tamara Hefferon, DPT; Katherine Arave; Sarah Mitchell; Amy Peters; Sean Sibbett
Speaker: Tamara Hefferon, DPT

Blood Pressure Attitudes, Practice Behaviors and Knowledge Among Outpatient Physical Therapists
8:45 a.m. - 9:00 a.m.
Authors: Sara Arena, PT, MS, DScPT; Alicia Ratza; Matthew Rolf; Nicole Schlagel
Speaker: Sara Arena, PT, MS, DScPT
Comparison of Supine Legs Elevated to Seated Ankle Pumps for Promoting Venous Return Following Moderate Ambulation
9:00 a.m. - 9:15 a.m.
Authors: Don Shaw; Curtis Bierscheid; Erica Bodenbender; Brentana Schursky; Ken Toves
Speaker: Don Shaw

Is Aerobic Exercise Effective for Management of Restless Leg Syndrome? A Systematic Review
9:15 a.m. - 9:30 a.m.
Authors: Maria Buttadauro; Christian Evans, PT, PhD
Speaker: Christian Evans, PT, PhD

The Use of Physical Therapy for the Treatment of Gastroesophageal Reflux Disease
9:30 a.m. - 9:45 a.m.
Authors: Christopher Yelvington, BA, BS, DPT
Speaker: Christopher Yelvington, BA, BS, DPT

M-learning to Facilitate Learning of Pulmonary Evaluation Techniques and Clinical Reasoning in Physical Therapist Students: A Multi-Case Study
9:45 a.m. - 10:00 a.m.
Authors: Nancy Smith, DPT; Kelsey McDonald; Kyle Hine; Andrew Bartlett, PT, PhD, MPA
Speaker: Nancy Smith, DPT

Education Section Platform Presentations 3
8:00 a.m. - 10:00 a.m.

The Relationship between DISC Personality Styles and Leadership Behaviors in DPT Students?
8:05 a.m. - 8:20 a.m.
Authors: Alice Davis, DPT; Nicole Darragh; Kaysha Heck; Christina Houk; Rachel McFarland; Megan Meloon; Max Whiting; Tim Noteboom; Heidi Eigsti, PT, DPT, PhD, PCS
Speaker: Heidi Eigsti, PT, DPT, PhD, PCS

Use of a Student Professional Behavior Tool and Intervention to Promote Professional Socialization
8:20 a.m. - 8:35 a.m.
Authors: Jeanne Lojovich; Lisa Dorsey, PT, MBA, PhD
Speaker: Jeanne Lojovich

The impact of a 5 week seminar on biopsychosocial model of self-care on perceived levels of anxiety, depression, self-compassion, stress and mindfulness in graduate healthcare students.

8:35 a.m. - 8:50 a.m.
Authors: Amisha Klawonn, PT, DPT, OCS, FAAOMPT; Dana Kernan; Jim Lynskey
Speaker: Amisha Klawonn, PT, DPT, OCS, FAAOMPT

Physical Therapy Students' Attitudes Towards the Homeless
8:50 a.m. - 9:05 a.m.
Authors: Michael Geelhoed, DPT; Jessica Cruz; Suzanne Callaway
Speaker: Michael Geelhoed, DPT

Understanding Doctor of Physical Therapy Students' Motivation to Value and Apply Evidence-Based Practice
9:05 a.m. - 9:20 a.m.
Authors: Lorna Hayward, PT, EdD, MPH
Speaker: Lorna Hayward, PT, EdD, MPH

Effectiveness of an intervention to promote empathy and work engagement in physical therapy students: A randomized controlled study.
9:20 a.m. - 9:35 a.m.
Authors: Roberta Prins
Speaker: Roberta Prins

Academy of Hand and Upper Extremity Physical Therapy Platform Presentations
8:00 a.m. - 10:00 a.m.

Hand Rehabilitation Section Platform Presentations
8:00 a.m. - 8:00 a.m.
Authors: Susan Duff, PT, EdD, OT/L, CHT
Speaker: Susan Duff, PT, EdD, OT/L, CHT

Hand Therapy Content for Entry-Level Physical Therapist Education Programs: A Survey Study
Effectiveness of adaptive silverware on range of motion of the hand
8:20 a.m. - 8:40 a.m.
Authors: David Levine, PT, PhD, DPT, OCS; Susan McDonald; Lauren Aguilar
Speaker: David Levine, PT, PhD, DPT, OCS

In-vivo Measurements of Force and Movement using Ultrasound Imaging: A Comparison during Three Grades of Dorsal Mobilization of the Metacarpophalangeal Joint
8:40 a.m. - 9:00 a.m.
Authors: Dexter Witt, PT, DPT, DHS, OCS, FAAOMPT, CSCS; Nancy Talbott, PhD, MS, PT, RMSK; Matthew Gingras; Katelyn Bachus
Speaker: Matthew Gingras

Comprehensive Manual Physical Therapy Treatment of the Upper Quarter for Electrodiagnostically Confirmed Carpal Tunnel Syndrome: A Prospective Case Series
9:00 a.m. - 9:20 a.m.
Authors: Rachel Condon, DPT, DSc, OCS
Speaker: Rachel Condon, DPT, DSc, OCS

9:20 a.m. - 9:40 a.m.
Authors: Zoya Imran, MSc; Tony Szturm; Sepideh Pooyania
Speaker: Zoya Imran, MSc

Measurement Properties of Push-off Test in Patients with Wrist Conditions
9:40 a.m. - 10:00 a.m.
Authors: Danielle Shafer; Hannah George; Christian Goering; Saurabh Mehta, PT, PhD
Speaker: Danielle Shafer

Section on Health Policy & Administration Platform Presentations 1
8:00 a.m. - 10:00 a.m. (Health Policy and Administration)

Health Policy and Administration Section Platform Presentations
8:00 a.m. - 8:00 a.m.
Authors: Beth McManus, PT, PhD
Does unrestricted access to physical therapy reduce health utilization and spending?
8:00 a.m. - 8:20 a.m.
Authors: Bianca Frogner; Kenneth Harwood, Physical Therapy; Jesse Pines; Holly Andrilla; Malaika Schwartz
Speaker: Kenneth Harwood, Physical Therapy

Effectiveness of a Group-based Culturally Tailored Lifestyle Intervention Program on Changes in Risk Factors for Type 2 Diabetes among Asian Indians in the United States
8:20 a.m. - 8:40 a.m.
Authors: Rupal Patel, PT, MS
Speaker: Rupal Patel, PT, MS

Leadership Development Impact of Attending HPA's LAMP Institute for Leadership in Physical Therapy: A Multi-Year Retrospective Review
8:40 a.m. - 9:00 a.m.
Authors: Jennifer Wilson, PT MBA EdD; Stacey Zeigler, PT, DPT; Barb Tschoepe; Debora Miller, PT, MBA, FACHE
Speaker: Jennifer Wilson, PT MBA EdD

Cost-effectiveness Analysis of Preventative Physical Therapy Versus a Traditional Care Model for Breast Cancer-Related Lymphedema
9:00 a.m. - 9:20 a.m.
Authors: Kate Patrice; Grace Patrice; Stephen Patrice
Speaker: Stephen Patrice

Comprehensive Primary Care Models for the Management of Multiple Chronic Conditions in Older Adults
9:20 a.m. - 9:40 a.m.
Authors: Taylor Chapman, SPT, CSCS; Rachael Zdeb, SPT; Karla Martin; Adam Goode, PT, DPT, PhD
Speaker: Taylor Chapman, SPT, CSCS

Physical therapist perspectives of physical activity adherence in patients with knee osteoarthritis.
9:40 a.m. - 10:00 a.m.
Authors: Babette Sanders, PT, DPT, MS; Andrew Bidney; Carrie Dinelli; Nelson Kim; Shaun Tu; Daniel Pinto, PT, PhD, OCS, FAAOMPT
Speaker: Babette Sanders, PT, DPT, MS
Orthopaedic Section Platform Presentations 6
8:00 a.m. - 10:00 a.m.

The Impact of Cardiovascular Risk Factors on Fat Infiltration and Atrophy in Patients with Rotator Cuff Tear
8:00 a.m. - 8:15 a.m.
Authors: Amee Seitz, PT PhD DPT OCS; Constantine Nicolozakes; Rajan Khanna; Guido Marra; Matthew Saltzman
Speaker: Amee Seitz, PT PhD DPT OCS

Prolonged reduction in shoulder strength after transcutaneous electrical nerve stimulation treatment of exercise-induced acute muscle pain
8:15 a.m. - 8:30 a.m.
Authors: Katie Butera, PT, DPT; Steven George, PT, PHD; Paul Borsa, PhD; Geoffrey Dover
Speaker: Katie Butera, PT, DPT

Diagnostic Accuracy in Screening for Persistent Pain Symptoms during Musculoskeletal Evaluation
8:30 a.m. - 8:45 a.m.
Authors: Craig Wassinger, PT, PhD; Patricia King; Gisela Sole
Speaker: Craig Wassinger, PT, PhD

Consistency of Factor Structure and Psychological Subgroups for the OSPRO-Yellow Flag Assessment Tool
8:45 a.m. - 9:00 a.m.
Authors: Trevor Lentz, PT; Jason Beneciuk, PT, PhD, MPH; Steven George, PT, PHD
Speaker: Trevor Lentz, PT

Osteoarthritic Pain Intensity and Locations in People with and without Diabetes Using A Clinical Data Repository System
9:00 a.m. - 9:15 a.m.
Authors: Aqeel Alenazi, PT, MSc; Mohammed Alshehri, PhD; Shaima Alothman, BS, MS; Lemuel Waitman, PhD; Patricia Kluding, PhD
Speaker: Aqeel Alenazi, PT, MSc
Clinical Predictors of Patient Global Ratings of Change
9:15 a.m. - 9:30 a.m.
**Authors:** John Schmitt, PT, PhD; J. Haxby Abbott
**Speaker:** John Schmitt, PT, PhD

Factors Influencing Adherence to Non-surgical Treatment for Individuals with Lumbar Spinal Stenosis: a Qualitative Study
9:30 a.m. - 9:45 a.m.
**Authors:** Allyn Bove, PT, DPT; Andrew Lynch, PT, PhD; Michael Schneider, PhD, DC
**Speaker:** Allyn Bove, PT, DPT

The Effect of Physical Therapy Provider Continuity on Self-Reported Outcomes in a Low Back Pain Population
9:45 a.m. - 10:00 a.m.
**Authors:** Kate Minick, PT, DPT, OCS, CSCS; Eon Jarvis; Karen Sato; David Taylor; John Magel, PT, PhD, DSc, OCS, FAAMPT; Anne Thackeray, PT, PhD
**Speaker:** Kate Minick, PT, DPT, OCS, CSCS

Section on Research Platform Presentations
8:00 a.m. - 10:00 a.m.

Section on Research Moderated Platform Session
8:00 a.m. - 8:02 a.m.
**Authors:** Justin Beebe, PT, PhD
**Speaker:** Justin Beebe, PT, PhD

Does spinal cord edema relate to ambulatory function in motor incomplete spinal cord injury?
8:02 a.m. - 8:13 a.m.
**Authors:** Andrew Smith, DPT; Marie Wasielewski, RT; Abigail Alexander, SPT; Paul Houmpavlis, SPT; Andrew Kritselis, SPT; Margaret Murnane, SPT; Katrina Yelick, SPT; James Elliott, PT, PhD
**Speaker:** Andrew Smith, DPT

Towards a new understanding of poor functional recovery following whiplash with quantitative MRI of the spinal cord
8:16 a.m. - 8:27 a.m.
**Authors:** Mark Hoggarth, MS; James Elliott, PT, PhD
**Speaker:** Mark Hoggarth, MS
Ethnic differences in pain-related anxiety and modulation of affective responses to evoked heat and pressure pain  
8:30 a.m. - 8:41 a.m.  
Authors: Zane Brandt; Chelsea Kane; Tonia Malave; Tianna Woods; Meagan Moffat; Paige Kettenburg; Luisa Davilo-Pablo; Katrina Maluf, MSPT, PhD  
Speaker: Zane Brandt

Protective effects of replacing sedentary time with light and moderate to vigorous physical activity on functional limitation in knee OA: The Osteoarthritis Initiative  
8:44 a.m. - 8:55 a.m.  
Authors: Daniel White, PT, ScD, MSc; Julia Lee; Jing Song; Dorothy Dunlop  
Speaker: Daniel White, PT, ScD, MSc

Efficacy of a Work Disability Prevention Program for People with Rheumatic and Musculoskeletal Conditions: The Work It Randomized Controlled Trial  
8:58 a.m. - 9:09 a.m.  
Authors: Julie Keysor, PT, PhD; Michael LaValley; Carrie Brown; David Felson, MD, MPH; Rawan AlHeresh; Molly Vaughan, DPT, PhD (candidate); Robert Yood; John Reed; Saralynn Allaire  
Speaker: Julie Keysor, PT, PhD

Rheumatoid Arthritis (RA)-Related Autoimmunity and Lumbar Bone Mineral Density (BMD) in a Multi-Ethnic Community-Dwelling Population  
9:12 a.m. - 9:23 a.m.  
Authors: Jan Hughes-Austin, PT, MPT, PhD; Joachim Ix, MD, MAS; Michael Criqui; Ronit Katz; Matthew Budoff; Jon Giles; Kiang Liu; Darcy Majka  
Speaker: Jan Hughes-Austin, PT, MPT, PhD

A Mind-body Exercise for Patients with Parkinson’s Disease: A Pilot Study  
9:26 a.m. - 9:37 a.m.  
Authors: Sanghee Moon; Marshall Schmidt; Irina Smirnova; Yvonne Colgrove, PT, PhD; Wen Liu, PhD  
Speaker: Sanghee Moon

Assessment of Visual Dependence for Postural Control in Young Adults using the Oculus Development Kit 2  
9:40 a.m. - 9:51 a.m.  
Authors: Anat Lubetzky, PT, PhD; Daphna Harel; Helene Darmanin; Erin Kary; Ken Perlin  
Speaker: Anat Lubetzky, PT, PhD
Sports Physical Therapy Section Platform Presentations 5:
Emerging Concepts in Assessment and Treatment of the Overhead Athlete
8:00 a.m. - 10:00 a.m.

Emerging Concepts in Assessment and Treatment of the Overhead Athlete
8:00 a.m. - 8:00 a.m.
Authors: Lane Bailey, PhD, PT, DPT, CSCS
Speaker: Lane Bailey, PhD, PT, DPT, CSCS

Survey on USA Youth Swimming Coaches' Education and Overuse Injury Suggests Need for Additional Injury Prevention Training
8:00 a.m. - 8:12 a.m.
Authors: Maegan Olivos, DPT, MPH; Angela Tate
Speaker: Maegan Olivos, DPT, MPH

Supraspinatus Structural Changes Observed with Ultrasound Imaging in Adult Swimmers
8:12 a.m. - 8:24 a.m.
Authors: Angela Tate, PT, PhD, Cert MDT; Stephen Thomas; Anthony Blubello, DPT: Arcadia University; Alyssa Peterson; David Blum; Justin Cobb; Joseph Sarver
Speaker: Anthony Blubello, DPT: Arcadia University

Effects of Sport Diversification on Baseball Specific Training in Youth Players
8:24 a.m. - 8:36 a.m.
Authors: Amanda Arnold, PT, DPT, OCS, SCS; Charles Thigpen, PhD; Courtney Chaaban, PT, DPT, SCS; Micheal Kissenberth, MD; John Tokish, MD; Ellen Shanley, PhD PT OCS
Speaker: Amanda Arnold, PT, DPT, OCS, SCS

The relationship between upper quarter rotation mobility, dynamic stability and pitch velocity
8:36 a.m. - 8:48 a.m.
Authors: Garrett Bullock; Abigail Schmitt; Patrick Chasse; Barrett Little; Lee Diehl; robert butler
Speaker: Garrett Bullock

The Effect of a Novel Stretch on Posterior Shoulder Tightness
8:48 a.m. - 9:00 a.m.
Authors: Cory Manton, PT, DPT, OCS, CSCS; Skyler Dixon; Audrey Jacobsen; Taylor Joehl; Kyle Kibler; Kellie Bliven
Speaker: Cory Manton, PT, DPT, OCS, CSCS
A Descriptive Analysis of Muscle Activation during an Isometric Scapular Retraction Exercise with Elastic Resistance
9:00 a.m. - 9:12 a.m.
Authors: Todd Ellenbecker, PT, DPT, MS, SCS, OCS; Tetsuro Sueyoshi, ATC; Jason Avakian; David Bailie, MD; Andrew Alcid
Speaker: Todd Ellenbecker, PT, DPT, MS, SCS, OCS

Examination of Isokinetic Shoulder Strength Profiles and Backhand Velocity in Collegiate Tennis Players
9:12 a.m. - 9:24 a.m.
Authors: Carson Kommer; Richard Scafidi; William Hanney, DPT, PhD; Patrick Pabian, PT, DPT, SCS, OCS, CSCS
Speaker: Carson Kommer

Full Effort Compared to Partial Effort Performance of the Tennis Serve
9:24 a.m. - 9:36 a.m.
Authors: Rob Manske, PT, DPT, MPT, Med, SCS, ATC, CSCS; Mark Stovak; Peter Loo; Michael Breunig; Todd Ellenbecker, PT, DPT, MS, SCS, OCS; Barbara Smith
Speaker: Rob Manske, PT, DPT, MPT, Med, SCS, ATC, CSCS

Generalized joint hypermobility is not associated with the development of overuse arm injuries in adolescent baseball pitchers.
9:36 a.m. - 9:48 a.m.
Authors: Ellen Shanley, PhD PT OCS; Lane Bailey, PhD, PT, DPT, CSCS; John Tokish, MD; Michele Kissenberth, MD; Charles Thigpen, PhD
Speaker: Ellen Shanley, PhD PT OCS

Movement System Performance Differences in Athletes With and Without a Non-Traumatic Shoulder Injury
9:48 a.m. - 10:00 a.m.
Authors: Courtney Butowicz, Ph.D.; David Ebaugh, PT, PhD; Jimmy Onate; Marisa Pontillo, PT, DPT, SCS; Sheri Silfies, PT, PhD
Speaker: Courtney Butowicz, Ph.D.

Education Section Platform Presentations 4
11:00 a.m. - 1:00 p.m.
Innovative Educational Collaboration between Cleveland State University DPT Program and the Cleveland Museum of Art
11:05 a.m. - 11:20 a.m.
Authors: Karen McIntyre, DPT; Jane Keehan, PT, PhD, OCS
Speaker: Karen McIntyre, DPT

Critical Reflection in Experiential Learning: Beyond "I Learned a Lot"
11:20 a.m. - 11:35 a.m.
Authors: Laurie Brogan, PT, DPT, CEEAA
Speaker: Laurie Brogan, PT, DPT, CEEAA

Experiential learning enhances physical therapist student confidence in neurological patient management across the lifespan
11:35 a.m. - 11:50 a.m.
Authors: Kristen Barta, PT, DPT, NCS; Megan Flores, PT, MPT; Anna Edwards, PT, MA, MBA
Speaker: Kristen Barta, PT, DPT, NCS

Interprofessional Education: Transitions of Care
11:50 a.m. - 12:05 p.m.
Authors: Lora Packel, PhD, PT; Heather Kluzaritz; Varleisha Gibbs; Diane Hadley; Caroline Doherty; Matthew Kearney
Speaker: Lora Packel, PhD, PT

Interprofessional Transfers Laboratory Experience Improves Student Attitudes Towards Interprofessional Learning, Collaboration, Teamwork and Self-Efficacy
12:05 p.m. - 12:20 p.m.
Authors: Kristin Lefebvre, PT, PhD, CCS; Mary Francis; Robert Wellmon, PT, DPT, PhD, NCS; Ellen Erdman, PT, DPT
Speaker: Kristin Lefebvre, PT, PhD, CCS

Section on Health Policy & Administration Platform Presentations 2
11:00 a.m. - 1:00 p.m.

Health Policy and Administration Platform Presentations 2
These Blocks Are Made for Walking: A Group-Based Community-Walking Program To Increase Physical Activity and Social Cohesiveness in Chicago’s Austin Community
11:00 a.m. - 11:20 a.m.
Authors: William Healey, PT, EdD, GCS; Annie Gumieny; Juliana Libertin; Kirsten Lindell; Thomas Pallas; Terry Phillips; Gail Huber, PT, PhD
Speaker: William Healey, PT, EdD, GCS

Are there any differences in their attitudes towards controversial issues in healthcare policies between physical therapy students at public and private universities?
11:20 a.m. - 11:40 a.m.
Authors: Drew Snyder, SPT; Teale Bennett, SPT; Jeremy Oller, SPT; Weiqing Ge, DPT, PhD
Speaker: Drew Snyder, SPT

The Realities of Provision of Pro Bono Services By Physical Therapists: A Combined Quantitative & Qualitative Study.
11:40 a.m. - 12:00 p.m.
Authors: Jason Denton, PT, DPT, MS; Kevin Vallecillos; Jennifer Kish, DPT; Matthew Walk, DPT, OCS, FAAOMPT; Aliya Chaudry, PT, MBA, J.D., APTA/ELI Fellow; Melinda Denton
Speaker: Jason Denton, PT, DPT, MS

Assessing the Impact of Bundled Payment on Outcomes in a Subacute Setting
12:00 p.m. - 12:20 p.m.
Authors: Emily Becker, PT, MPT; John Brady; Marcia McKittrick; Paula Goga-Eppenstein; Dolly Devara
Speaker: Emily Becker, PT, MPT

Bailoterapia and Building Health: A qualitative study describing the experience of Ecuadorian women participating in a culturally relevant dance program
12:20 p.m. - 12:40 p.m.
Authors: Katelyn McNamara; Carolyn Blissett
Speaker: Katelyn McNamara

The Relationship Between Physical Activity Levels and Religious/Cultural & Exercise Beliefs/Attitudes in a Group of Female Refugees from Muslim-Majority Countries
12:40 p.m. - 1:00 p.m.
Authors: Jason Denton, PT, DPT, MS; Melinda Denton
Speaker: Jason Denton, PT, DPT, MS
Academy of Neurologic Physical Therapy Platform Presentations 3: Locomotor Rehabilitation Post-Stroke
11:00 a.m. - 1:00 p.m.

Academy of Neurologic Physical Therapy Platform III: Stroke and Gait
11:00 a.m. - 11:08 a.m.
Authors: Allison Hyngstrom, MPT, PhD; Ryan Duncan, PT, DPT; Michael Lewek, PT, PhD
Speaker: Allison Hyngstrom, MPT, PhD

Minimal Detectable Change for Gait Speed is Dependent on Baseline Gait Speed in Individuals with Chronic Stroke
11:08 a.m. - 11:22 a.m.
Authors: Robert Sykes; Michael Lewek, PT, PhD
Speaker: Robert Sykes

Identifying Candidates for Targeted Gait Rehabilitation: Better Prediction through Biomechanics-Informed Characterization
11:22 a.m. - 11:36 a.m.
Authors: Louis Awad, PT, DPT, PhD; Darcy Reisman, PT, PhD; Stuart Binder-Macleod, PT, PhD, FAPTA
Speaker: Louis Awad, PT, DPT, PhD

Desensitization of paretic limb sensory input contributes to gait dysfunction post-stroke
11:36 a.m. - 11:50 a.m.
Authors: Virginia Little, Ph.D., PT, NCS; Carolynn Patten, PhD, PT
Speaker: Virginia Little, Ph.D., PT, NCS

Muscle material properties of stroke-impaired plantarflexors influence gait
11:50 a.m. - 12:04 p.m.
Authors: Sabrina S.M. Lee, PhD; Ricardo Santana; Ada Terman; Kristen Jakubowski
Speaker: Sabrina S.M. Lee, PhD

Effect of Acute Cardiovascular Exercise on Locomotor Adaptation and Learning After Stroke
12:04 p.m. - 12:18 p.m.
Authors: charalambos charalambous, PhD; Carolina Alcantara; Susanne Morton, PT, PhD; Darcy Reisman, PT, PhD
Speaker: charalambos charalambous, PhD
Anodal transcranial direct current stimulation enhances locomotor learning in stroke
12:18 p.m. - 12:32 p.m.
Authors: Xin Li, Master of Medicine; Susanne Morton, PT, PhD
Speaker: Xin Li, Master of Medicine

A Whole Body Mechanical Approach to Influence the Energy Cost of Walking in Healthy and Hemiparetic Gait
12:32 p.m. - 12:46 p.m.
Authors: Kelly Hewitt; Korre Scott; Michael Lewek, PT, PhD
Speaker: Kelly Hewitt

Effects of community-based mobility training on physiological complexity of gait in people with chronic stroke
12:46 p.m. - 1:00 p.m.
Authors: Stephanie Combs-Miller, PT, PhD, NCS; Eric Dugan, PhD; Morgan Downs; Nicole Jakubowicz; Rachel Noyes; Stephanie Wagner
Speaker: Stephanie Combs-Miller, PT, PhD, NCS

Orthopaedic Section Platform Presentations 7
11:00 a.m. - 1:00 p.m.

Orthopaedic Section Platform Presentations 7
11:00 a.m. - 11:00 a.m.
Authors: Amee Seitz, PT PhD DPT OCS
Speaker: Amee Seitz, PT PhD DPT OCS

Effect of Manipulation on Lumbar Multifidus Activation
11:00 a.m. - 11:15 a.m.
Authors: Scott Biely, PT, DPT, PhD, OCS, MTC; Michael Hmara; Jonathan Raymond; Richard Winters; Erin Whalen; Brannon Catherine
Speaker: Brannon Catherine

Does Timing of Care Influence Patient Report and Cost outcomes in Patients seen through Direct Access?
11:15 a.m. - 11:30 a.m.
Authors: Chad Cook, PhD, PT, MBA; Briana Isakson; Timothy McHenry; Charles Thigpen, PhD; Thomas Denninger, PT, DPT, OCS, FAAOMPT
Speaker: Briana Isakson
Differences in Lumbar Spine and Lower Extremity Kinematics in People With and Without Low Back Pain During a Functional Step-Up Task
11:30 a.m. - 11:45 a.m.
Authors: Katie Mitchell; Madeline Porter; Lauren Anderson; Grayson Arceo; Carter Phillips; Brian Montz; Sara Gombatto, PhD, PT
Speaker: Katie Mitchell

Physiological effects of lumbar traction on the intervertebral disc in young and older subjects
11:45 a.m. - 12:00 p.m.
Authors: Ulrike Mitchell, PT, PhD; Jennifer Bowden, MS
Speaker: Ulrike Mitchell, PT, PhD

Manual Physical Therapy to the Lumbosacral Spine in Women with Urinary Incontinence: A Retrospective Study
12:00 p.m. - 12:15 p.m.
Authors: Pamela Palmer, PT; Shelli Hill; Katherine Elston; Ann Sundgren; Susan Palmer; Polly Holcomb; Tamara Jacobson; Frank Dong; Jennifer Duong; Melissa Hague
Speaker: Pamela Palmer, PT

Association Between Low Back Pain and Gluteus Maximus Cross-Sectional Area in Adult Females
12:15 p.m. - 12:30 p.m.
Authors: Amy Amabile, PhD; John Bolte; Saskia Richter
Speaker: Amy Amabile, PhD

Older Adults with a Primary Complaint of Low Back Pain: Hip Strength Helps to Explain Physical Performance
12:30 p.m. - 12:45 p.m.
Authors: Jaclyn Sions, PhD, PT, OCS; Ryan Pohlig, PhD; Gregory Hicks, PhD, PT
Speaker: Jaclyn Sions, PhD, PT, OCS

Regional Manual Therapy and Motor Control Exercise for Chronic Low Back Pain: A Randomized Clinical Trial
12:45 p.m. - 1:00 p.m.
Authors: Jason Zafereo, PT, PhD; Sharon Wang-Price, PhD; Toni Roddey, PT, PhD, OCS, FAPTA; Kelli Brizzolara, PT, PhD, OCS
Speaker: Jason Zafereo, PT, PhD
Sports Section Platform Presentations 6: Lower Extremity Mechanics Following Injury
11:00 a.m. - 1:00 p.m.

Lower Extremity Mechanics Following Injury
11:00 a.m. - 11:00 a.m.
Authors: D.S. Blaise Williams, Ph.D., MPT
Speaker: D.S. Blaise Williams, Ph.D., MPT

Is Single-Leg Step-Down Performance Associated with Recent History of Lower Extremity Injuries? A Retrospective Analysis of Endurance Athletes
11:00 a.m. - 11:12 a.m.
Authors: Sean Harris; Caitlyn Lang, PT, DPT; Brian Duncan, PT, DPT, OCS, SCS, FAAOMPT; Tamara Hawkins; Toni Roddey, PT, PhD, OCS, FAPTA; Lane Bailey, PhD, PT, DPT, CSCS
Speaker: Sean Harris

A Case Series of Previously Injured Runners Transitioning to a Non-Rearfoot Strike Running Pattern
11:12 a.m. - 11:24 a.m.
Authors: Erin Florkiewicz, MS ATC, ACSM-CPT; Michael Crowell, PT, DSc, OCS, SCS, FAAOMPT; Jamie Morris, DPT, DSc, OCS, SCS, CSCS; Jeffery Dolbeer, PT, DSc, OCS, SCS; Rebecca Zifchock, PhD; Donald Goss, PhD, PT, OCS, ATC
Speaker: Erin Florkiewicz, MS ATC, ACSM-CPT

The Effects of an In-Field Gait Retraining Program on Dual Task Performance in Runners with a History of Tibial Stress Injury
11:24 a.m. - 11:36 a.m.
Authors: Barbara Brafford; Nicholas Murray; John Willson, PT, Ph.D.; Stacey Meardon, PT, PHD, ATC, CSCS; Michael Baggaley, MS; Richard Willy, PT, PhD, OCS
Speaker: Barbara Brafford

Gait Kinematics associated with Greater Increase in Lateral Tibiofemoral Joint Cartilage T1rho following Anterior Cruciate Ligament Reconstruction: A Two-year Longitudinal Study
11:36 a.m. - 11:48 a.m.
Authors: Hsiang-Ling Teng, PT, PhD; Matthew Tanaka; Valentina Pedaia, PhD; Richard Souza, PHD, MPT, ATC; Benjamin Ma, MD; Xiaojuan Li, PhD
Speaker: Hsiang-Ling Teng, PT, PhD
Long term tibiofemoral joint force and kinematic asymmetry during single leg landings between individuals with and without ACL reconstruction
11:48 a.m. - 12:00 p.m.
Authors: Elisabeth Flannery, SPT; Walter Jenkins, PT, DHS, ATC; John Willson, PT, Ph.D.
Speaker: Elisabeth Flannery, SPT

Sex Differences in the Vertical Ground Reaction Force Time Series During Running
12:00 p.m. - 12:12 p.m.
Authors: Thomas Almonroeder, DPT; Lauren Benson; Kristian O'Connor
Speaker: Thomas Almonroeder, DPT

Motor control differs between tendinopathic and uninvolved limbs in unilateral Achilles tendinopathy - Preliminary results
12:12 p.m. - 12:24 p.m.
Authors: Abbigail Fietzer, DPT; Kornelia Kulig, PhD, PT
Speaker: Abbigail Fietzer, DPT

Achilles Tendon Adaptation In Division I Cross-Country Runners Across A Competitive Season: An Ultrasound Tissue Characterization Study
12:24 p.m. - 12:36 p.m.
Authors: Laura Stanley, DPT; Angela Lucero; Madison Kennedy; Nina Walker; Timothy Mauntel, MA, ATC; Steve Marshall; Darin Padua, PhD, ATC; David Berkoff
Speaker: Laura Stanley, DPT

Impact Forces in Female Runners with and without a History of Patellofemoral Joint Pain
12:36 p.m. - 12:48 p.m.
Authors: Janice Loudon, PT, PhD, SCS, ATC, CSCS
Speaker: Janice Loudon, PT, PhD, SCS, ATC, CSCS

Tibiofemoral Contact Forces During Treadmill and Overground Running
12:48 p.m. - 1:00 p.m.
Authors: Holly Johnson, SPT; John Willson, PT, Ph.D.; Richard Willy, PT, PhD, OCS
Speaker: Holly Johnson, SPT

Health Policy and Administration Platform Presentations 3
3:00 p.m. - 5:00 p.m.  (Health Policy and Administration)

Health Policy and Administration Platform Presentations 3
3:00 p.m. - 3:00 p.m.
Authors: Beth McManus, PT, PhD
Feasibility of an epidemiological approach to inform population-based fall prevention programs: San Joaquin County, California
3:00 p.m. - 3:20 p.m.
Authors: Todd Davenport, PT, DPT, MPH, OCS
Speaker: Todd Davenport, PT, DPT, MPH, OCS

3:20 p.m. - 3:40 p.m.
Authors: Robert Sandstrom, PT, PhD
Speaker: Robert Sandstrom, PT, PhD

The Cultural Understanding of Doctor of Physical Therapy (DPT) Students at Different Stages in the Physical Therapy Program: A Follow-up Study
3:40 p.m. - 4:00 p.m.
Authors: Ayse Ozcan Edeer, PT, PhD; Royce Aldea, PT, DPT; Sonia Gawronski, DPT; Karl Rusch, PT, DPT, OCS, ATC; Valerie Olson, PT, PhD
Speaker: Sonia Gawronski, DPT

Social Media Use in Physical Therapy Facilities in New York State
4:00 p.m. - 4:20 p.m.
Authors: Pamela Bartlo, PT, DPT, CCS; Kyle Custodi, SPT; Ashley Joya, SPT; Ashley Meyers, SPT; Nichole Sleeper, SPT; Adam Thomas
Speaker: Pamela Bartlo, PT, DPT, CCS

Driving Change: Formation of a Rehabilitation-Based Literature Review Group and its Impact on Practice
4:20 p.m. - 4:40 p.m.
Authors: Joshua Vogel, DPT; Lauren La Course, DPT; Lauren Tigani, DPT; Diana Johnson
Speaker: Joshua Vogel, DPT

Orthopaedic Section Platform Presentations 8
3:00 p.m. - 5:00 p.m.

Orthopaedic Section Platform Presentations 8
3:00 p.m. - 3:00 p.m.
Authors: Cara Lewis, PT, PhD
Speaker: Cara Lewis, PT, PhD
People with symptomatic femoroacetabular impingement demonstrate higher muscle utilization ratios during gait than healthy controls
3:00 p.m. - 3:15 p.m.
Authors: Philip Malloy, PhDc, MS PT; Andrew Starsky, PhD, PT; John Heinrich, MD; Donald Neumann, PT, PhD, FAPTA; Kristof Kipp, PhD
Speaker: Philip Malloy, PhDc, MS PT

Altered Hip Muscle Activation During Gait in Individuals with Symptomatic Femoroacetabular Impingement
3:15 p.m. - 3:30 p.m.
Authors: Matthew Giordanelli, SPT; Philip Malloy, PhDc, MS PT; Donald Neumann, PT, PhD, FAPTA; Kristof Kipp, PhD
Speaker: Matthew Giordanelli, SPT

Changes in Frontal Plane Kinematics in Athletes Post-arthroscopy for Femoroacetabular Impingement Syndrome
3:30 p.m. - 3:45 p.m.
Authors: Megan Heiser, DPT; Lindsey Brown; Michael McNally, MS, CSCS; Matthew Lopez, PT, DPT; Thomas Ellis, MD; Timothy Hewett; Stephanie Di Stasi, PT, PhD, OCS
Speaker: Megan Heiser, DPT

Effects of physical therapy on post-operative day zero after total hip arthroplasty
3:45 p.m. - 4:00 p.m.
Authors: Brian Klatt; Nicholas Vaudreuil, MD; Timothy McGlaston; Catarina Gulledge; Allyn Bove, PT, DPT
Speaker: Brian Klatt

The Effect of Movement Training on 2D Kinematics during an Untrained Task in Females with Patellofemoral Pain: Relationship to Hip Muscle Strength
4:00 p.m. - 4:15 p.m.
Authors: Elanna Arhos; Angela Reitenbach, MSPT; Barb Yemm, PT, DPT, OCS; Gretchen Salsich, PT, PhD
Speaker: Elanna Arhos

Does Healthcare Seeking Behavior 12 months prior to Hip Surgery Drive Healthcare costs 2 years after Surgery?
4:15 p.m. - 4:30 p.m.
Authors: Chad Cook, PhD, PT, MBA; Daniel Rhon, PT, DPT, DSc, OCS, FAAOMPT
Speaker: Chad Cook, PhD, PT, MBA
The Influence of a Concurrent Medical Diagnosis of Insomnia on Healthcare Visits, Costs, and Opioid use in Individuals Undergoing Orthopaedic Hip Surgery.
4:30 p.m. - 4:45 p.m.
**Authors:** Daniel Rhon, PT, DPT, DSc, OCS, FAAOMPT; Chad Cook, PhD, PT, MBA; Suzanne Snodgrass; Joshua Cleland, PT, PhD, OCS, FAAOMPT
**Speaker:** Daniel Rhon, PT, DPT, DSc, OCS, FAAOMPT

An Assessment of the Increase in Frequency of Comorbidities after Orthopaedic Hip Surgery
4:45 p.m. - 5:00 p.m.
**Authors:** Daniel Rhon, PT, DPT, DSc, OCS, FAAOMPT; Chad Cook, PhD, PT, MBA
**Speaker:** Daniel Rhon, PT, DPT, DSc, OCS, FAAOMPT

Sports Section Platform Presentations 7: Sports Residency Outstanding Research
3:00 p.m. - 5:00 p.m.

Sports Residency Outstanding Research
3:00 p.m. - 3:00 p.m.
**Authors:** J. Craig Garrison, PT, PhD, ATC, SCS
**Speaker:** J. Craig Garrison, PT, PhD, ATC, SCS

Post Concussion Symptom Scale is positively correlated with the presence of vestibular/ocular motor deficits in adolescents after sport-related concussion.
3:00 p.m. - 3:12 p.m.
**Authors:** Chelsea Wolfe; J. Craig Garrison, PT, PhD, ATC, SCS; Damond Blueitt, MD; Kalyssa Pollard, MS, CCRP; Jonathan Oliver; Stephanie Turner; Anthony Anzalone
**Speaker:** Chelsea Wolfe

Female High School Athletes Delay Reporting Concussion Symptoms Compared to Male Counterparts
3:12 p.m. - 3:24 p.m.
**Authors:** Elisabeth Kensrue; Charles Thigpen, PhD; Kyle Cassas; Megan Furnish; Ellen Shanley, PhD PT OCS
**Speaker:** Elisabeth Kensrue

Differences in Y-Balance, Hip Muscle Strength, and Trunk Neuromuscular Control in Adolescent Females during a Cutting Maneuver
3:24 p.m. - 3:36 p.m.
Authors: Devin Bailey; J. Craig Garrison, PT, PhD, ATC, SCS; Kalyssa Pollard, MS; Shiho Goto, PhD, ATC; Jim Bothwell, MD; Joseph Hannon, PT, DPT, SCS
Speaker: Devin Bailey

Older Recreational Athletes Demonstrate Impairment And Functional Deficits Despite Similar Physical Therapy Utilization Following ACL Reconstruction.
3:36 p.m. - 3:48 p.m.
Authors: Amanda Stinson; Ellen Shanley, PhD PT OCS; Hannah Fox; Courtney Chaaban, PT, DPT, SCS; Charles Thigpen, PhD
Speaker: Amanda Stinson

Subsequent Injury Rates Influenced by Gender in High School Athletes Following ACL Reconstruction
3:48 p.m. - 4:00 p.m.
Authors: Hannah Fox; Ellen Shanley, PhD PT OCS; Courtney Chaaban, PT, DPT, SCS; Amanda Stinson; Jason Folk, MD; Micheal Kissenberth, MD; Charles Thigpen, PhD
Speaker: Hannah Fox

Femoral Nerve Blockade versus Adductor Canal Nerve Blockade with Anterior Cruciate Ligament Reconstruction: A Prospective, Randomized Clinical Trial
4:00 p.m. - 4:12 p.m.
Authors: Thanos Papavasiliou; Melanie Gray; Jacquelyn Kleihege; Christopher Juneau; Russell Paine; Brian Duncan, PT, DPT, OCS, SCS, FAAOMPT; Walter Lowe, MD; Lane Bailey, PhD, PT, DPT, CSCS
Speaker: Thanos Papavasiliou

A Comparison of Primary versus Revision Anterior Cruciate Ligament Reconstruction (ACLR): An Analysis at Return to Sport
4:12 p.m. - 4:24 p.m.
Authors: Melanie Gray; Amanda Birk; Jacquelyn Kleihege; Christopher Juneau; Russell Paine; Brian Duncan, PT, DPT, OCS, SCS, FAAOMPT; Walter Lowe, MD; Lane Bailey, PhD, PT, DPT, CSCS
Speaker: Melanie Gray

Utility of the Star Excursion Balance Test in Determining Quadriceps Femoris Strength Early after ACL Reconstruction
4:24 p.m. - 4:36 p.m.
Authors: Sarah Reinking, PT, DPT; Laura Schmitt, PT, PhD; Staci Thomas, Masters of Science; Mark Paterno, PT, PhD, MBA, SCS, ATC
Speaker: Sarah Reinking, PT, DPT

Base of Gait is Associated with Injury among Female Collegiate Cross-Country Runners
4:36 p.m. - 4:48 p.m.

**Authors:** Christa Wille, BS; Ryan Stromberg; Mikel Stiffler; Alyson Kelsey; Bryan Heiderscheit, PT, PhD

**Speaker:** Christa Wille, BS

**Abnormal Frontal Plane Kinematics In Athletes with Femoroacetabular Impingement Syndrome**

4:48 p.m. - 5:00 p.m.

**Authors:** Matthew Lopez, PT, DPT; Lindsey Brown; Michael McNally, MS, CSCS; Megan Heiser, DPT; Thomas Ellis, MD; Timothy Hewett, PhD; Stephanie Di Stasi, PT, PhD, OCS

**Speaker:** Matthew Lopez, PT, DPT