

## **Duke Physical Therapy at CSM 2023**

Key:

- All Duke Physical Therapy students, faculty (current and former), clinicians, and alumni of the educational, residency, and fellowship programs have been listed
- Duke Physical Therapy Faculty denoted by “Dr.”
- Alumni of the Duke PT educational program have their graduation year listed after their name
- *Duke DPT student presentations in italics with **students actually present in San Diego in bold***
- (Names in parentheses) indicate co-authorship but not speaking
- Times are listed in time zone of conference location

\*another version of this schedule that can be filtered and that lists all co-authors is available- please e-mail [rosie@alumni.duke.edu](mailto:rosie@alumni.duke.edu) to request that version

### **Wednesday, February 22**

- 8 am – 5 pm Dr. Tiffany Adams  
[Are We Equipped to Transform Society? Develop Your Skills As an Anti-Racist Educator](#)  
[Academy of Physical Therapy Education 1-day Preconference Course](#)  
[San Diego Convention Center Room 31A \(Upper Level\)](#)
- 8 am – 5 pm Chelsea Wolfe Ortega '15, Bobby Jean Sanders Lee '14, Kevin Ortega  
[Sport-Related Concussion: Integrating Optimal Interventions across the Rehabilitation Spectrum](#)  
[American Academy of Sports Physical Therapy 1-day Preconference Course](#)  
[San Diego Convention Center Room 30A \(Upper Level\)](#)
- 8 am – 5 pm Kelley Kubota '94  
[Rancho Observational Gait Analysis](#)  
[Host Chapter 1-day Preconference Course](#)  
[Hilton Bayfront Indigo H \(Level Two\)](#)

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**Wednesday, February 22**

7:30 – 9 pm [APTA Specialty and Proficiency Ceremony](#)  
[San Diego Convention Center Ballroom 20A](#)

Congratulations to our alumni and clinicians who are newly Board Certified PT Specialists:

Pediatric

Kristen Dragotta LeBlond '20

Cardiovascular and Pulmonary

Allyson Sutkowi-Hemstreet '14

Nicholle Stein

Geriatric

Marrion Kalafut Martinez '18

Claire McCormick '15

Sean J. Valdepenas '02

Neurologic

Laura Boetefuer '18

Rachael Nobbs '18

Heather Ray

Colin Sauter

Oncology

Lauren Bauer

Catelin Kass

Jenna Miller '08

Jennifer Thornton-Jones

Sports

Kyle Clark '19

Spencer Cole '15

Matthew DeLang '18

Mohaned Ghanem '18

Ryan Kimball

Tommy Otley

Victoria Rigsby '20

Andy Seraphin '20

Women's Health

Val Adams '18

Kara Keegan '20

Jennifer Volo Molino '18

Brooke Orvis

Lorna Troost

Orthopaedic

Jake Awruch

Hollis Bixby

Tracy Boggs

Chris Bruscato

Amanda Carberry '19

Hannah Colopy '18

Logan Couce '20

Christine Dang '19

Olivia Fleming

Toya Hart

Brooke Powell Hatchett

Devin Jepson '18

Vrunda Kapadia

Nick LeBlond '20

Diana Marquez-Fitzpatrick

Melissa Minniti '20

Lauren Hubbard Shelton '19

Kyle Stapleton

Andrew Statkevich '20

Gabe Streisfeld

Jordan Sunset '20

Frank Talty '19

**Thursday, February 23**

- 8 am – 10 am Marissa Araujo Carvalho '12, Katie Pruka '12, Michelle Ramirez, Dr. Maggie Horn, Dr. Derek Clewley  
[Bridging Research to Practice: Lessons Learned from CPG Implementation Pilots in the Clinical Setting](#)  
[Academy of Orthopaedic Physical Therapy Educational Session](#)  
[San Diego Convention Center Room 3 \(Upper Level\)](#)
- 8 am – 10 am Dr. Adam Goode '05, Sean Rundell '05  
[If Correlation Doesn't Imply Causation, What Does? Introduction to Causal Inference Using Observational Data](#)  
[Academy of Physical Therapy Research Educational Session](#)  
[San Diego Convention Center Room 22 \(Upper Level\)](#)
- 8 am – 10 am Shefali Mathur Christopher '08  
[When Can I Start Running? A Multi-Faceted Approach to Returning to Run Following Injury](#)  
[American Academy of Sports Physical Therapy Educational Session](#)  
[San Diego Convention Center Ballroom 20BC \(Upper Level\)](#)
- 8 am – 10 am Rebecca Byrd, Nicholle Stein  
[Pulmonary Hypertension: More Than the Mean?](#)  
[Academy of Cardiovascular & Pulmonary Physical Therapy Educational Session](#)  
[San Diego Convention Center Room 33C \(Upper Level\)](#)
- 8 am – 10 am Alex Hill, Ijeoma Nwankpa  
[Sexual Survivorship: Navigating Sex after Cancer Treatment](#)  
[Academy of Pelvic Health Physical Therapy Educational Session](#)  
[San Diego Convention Center Room 33AB \(Upper Level\)](#)
- 8 am – 10 am Janice Loudon  
[Clinical Practice Guideline for Hamstring Injury in Athletes](#)  
[Academy of Orthopaedic Physical Therapy Educational Session](#)  
[San Diego Convention Center Ballroom 20D \(Upper Level\)](#)
- 8 am – 10 am (Mike Bade)  
Speaker 3/8 [Feasibility of Low-Load Resistance Training with Blood Flow Restriction for People with Severe Multiple Sclerosis](#)  
[Neurology Platform 1: Balance and Falls and Degenerative Diseases](#)  
[San Diego Convention Center Platform Theater 3 \(Upper Level\)](#)

**Thursday, February 23**

- 8 am – 10 am Garrett Bullock '17  
Speaker 1/3 [Unexpected Sequela of COVID-19: Higher Rates of Concussion Follow COVID-19 Infection in High School Athletes](#)  
[Science Meets Practice 1: Thinking Beyond the Buckets- How do other factors affect concussion incidence and clinical presentation](#)  
[San Diego Convention Center Room 7AB \(Upper Level\)](#)
- 8 am - 10 am Olivia Abdo, Corina Martinez '06, Trent Forshey, Heather Myers,  
Speaker 3/3 Laura Stanley Pietrosimone '10, Steph Hendren  
[Do Climate and Environmental Characteristics Influence Concussion Incidence in Outdoor Contact Sports? A Systematic Review](#)  
[Science Meets Practice 1: Thinking Beyond the Buckets- How do other factors affect concussion incidence and clinical presentation](#)  
[San Diego Convention Center Room 7AB \(Upper Level\)](#)
- 8 am – 10 am (Dr. Corey Simon)  
Speaker 5/8 [Examining the Fear-Avoidance Model in the Context of Geriatric Chronic Low Back Pain Orthopaedics Platform Session 1](#)  
[San Diego Convention Center Platform Theater 1 \(Upper Level\)](#)
- 8 am – 10 am (Mike Bade, Jason Jennings)  
Speaker 4/9 [Immediate Inelastic Compression Garment for Swelling Management after Total Knee Arthroplasty: A Feasibility Study](#)  
[Geriatrics Platform Session 1](#)  
[San Diego Convention Center Platform Theater 5 \(Upper Level\)](#)
- 8 am – 10 am (Becca Jordre '02)  
Speaker 6/9 [The Senior Athlete Fitness Exam: Serving an Overlooked Population and Upending Ageism](#)  
[Geriatrics Platform Session 1](#)  
[San Diego Convention Center Platform Theater 5 \(Upper Level\)](#)
- 8 am – 10 am Becca Jordre  
Speaker 7/9 [Sport Motivation in Older Athletes](#)  
[Geriatrics Platform Session 1](#)  
[San Diego Convention Center Platform Theater 5 \(Upper Level\)](#)

**Thursday, February 23**

8 am – 10 am (Mike Bade)  
Speaker 3/8 [Feasibility of Low-Load Resistance Training with Blood Flow Restriction for People with Sever Multiple Sclerosis](#)  
[Neurology Platform 1: Balance and Falls and Degenerative Diseases](#)  
[San Diego Convention Center Platform Theater 3 \(Upper Level\)](#)

8 am – 10 am Kayla Holz Black '14  
Speaker 7/8 [Purposeful Recruitment of a Racial/Ethnic Diverse Cohort of Students](#)  
[Academy of Physical Therapy Education Platform Session 1](#)  
[San Diego Convention Center Platform Theater 4 \(Upper Level\)](#)

11 am – 1 pm Dr. Tiffany Adams  
[Better Together: Creating Collaborative Partnerships to Promote Sustainable, Equitable, and Inclusive Physical Therapy Education Programs](#)  
[Academy of Leadership and Innovation Educational Session](#)  
[San Diego Convention Center Room 28DE \(Upper Level\)](#)

11 am – 1 pm Michael Jeanfavre '16  
[Achieving the Bulletproof Shoulder through Myofascial Force Transmission](#)  
[Academy of Orthopaedic Physical Therapy Educational Session](#)  
[San Diego Convention Center Ballroom 20D \(Upper Level\)](#)

11 am – 1 pm Shefali Mathur Christopher '08  
[Female Pelvic Health in Sports through the Lifespan](#)  
[American Academy of Sports Physical Therapy Educational Session](#)  
[San Diego Convention Center Room 29ABCD \(Upper Level\)](#)

11 am – 1 pm Mike Osler '03  
[Making Numbers Count: Leveraging KPIs to Coach Staff Performance](#)  
[APTA Private Practice Educational Session](#)  
[San Diego Convention Center Room 24ABC \(Upper Level\)](#)

11 am – 1 pm Elizabeth Mostrom '78  
[Progress Toward Envisioning the Profession's Future](#)  
[Academy of Physical Therapy Education Educational Session](#)  
[Hilton Bayfront Cobalt 500 \(Level Five\)](#)

11 am – 1 pm Trevor Lentz  
[Addressing the Value Conundrum in Physical Therapy: Insights from Payers, Health Systems, and Researchers](#)  
[Academy of Leadership and Innovation Educational Session](#)  
[San Diego Convention Center Room 31ABC \(Upper Level\)](#)

**Thursday, February 23**

11 am – 1 pm Rebeca Bermudez Segraves  
[Maximizing Function After Major Abdominal Surgery Including Cesarean Section and Hysterectomy](#)  
[APTA Acute Care Educational Session](#)  
[San Diego Convention Center Room 8 \(Upper Level\)](#)

11 am – 1 pm Mike Bade  
[The Value of Post-Professional Residency, Fellowship, and PhD Training](#)  
[Academy of Physical Therapy Research Educational Session](#)  
[San Diego Convention Center Room 22 \(Upper Level\)](#)

11 am – 1 pm Ashley Lea '21  
Speaker 1/8  
[What Baseline Patient Factors Are Associated with Self-Reported Disability in Greater Trochanteric Pain Syndrome?](#)  
[Orthopaedics Platform Session 2](#)  
[San Diego Convention Center Platform Theater 2 \(Upper Level\)](#)

11 am – 1 pm Trevor Lentz  
Speaker 3/8  
(Olivia Fleming, Ashley Kinsey, Preston Roundy, Monica Austin '17, Andrea Christian, Chad Mather, Bill Jiranek)  
[Assigning Psychological Phenotypes in Patients with Hip or Knee Osteoarthritis: Do Physical Therapists Agree?](#)  
[Orthopaedics Platform Session 2](#)  
[San Diego Convention Center Platform Theater 2 \(Upper Level\)](#)

11 am – 1 pm (Cory Christiansen '96)  
Speaker 6/8  
[Physical Activity and Step Cadence Increase One-Year Following Prosthesis Osseointegration in People with Lower-Limb Amputation](#)  
[Orthopaedics Platform Session 2](#)  
[San Diego Convention Center Platform Theater 2 \(Upper Level\)](#)

11 am – 1 pm Annalisa Na '09  
Speaker 7/8  
[Can Early Physical Therapy after a Total Knee Arthroplasty Influence the Capacity for Physical Activity?](#)  
[Orthopaedics Platform Session 2](#)  
[San Diego Convention Center Platform Theater 2 \(Upper Level\)](#)

**Posters**

1116  
Education ***Blake Cooper, Kaitlyn Merritt, Jamell Joseph, Kayla Thielen, Dallin Johnson***  
[Student-PT Team Based Management of Cerebellar Stroke: A Case Report](#)

1243  
Neuro (David Rowland '20)  
[Alterations in Push-Off and Leg Swing Kinetics during Gait in Early to Mid-Stage Parkinson Disease](#)

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**Thursday, February 23**

**Posters**

- 1261 (Lee Dibble '91)  
Neuro [Motor Performance in the Off-Medication State Influences Overall Physical Activity in Individuals with Parkinson Disease](#)
- 1307 (Dr. Chad Cook)  
Ortho [Do Lbp Guidelines for Active Care Ratio Yield Better Outcomes for Patients with Shoulder Pain?](#)
- 1324 (Paul Salamh '07)  
Ortho [The Effect of Training How to Form the Therapeutic Alliance When Treating Patients with Back Pain](#)
- 1344 Griffin Lee '10  
Ortho [Home Exercises Are Infrequently Prescribed in Exercise Trials for Low Back Pain: A Scoping Review](#)
- 1359 (Paul Salamh '07)  
Ortho [The Relationship between Personality Profile and Chronic Low Back Pain](#)
- 1362 Ale Trepte, Zachary Rethorn, Dr. Chad Cook  
Ortho [The Collective Influence of Social Determinants of Health on Individuals Who Underwent Lumbar Revision Surgeries](#)
- 1368 Garrett Bullock '17  
Sports [Feasibility of Head Kinematics and Neurocognitive Screening in Grassroots Dirt Track Racing](#)
- 1376 Becca Jordre '02  
Sports [Lower Extremity Power and Movement Velocity in Competitive Older Athletes](#)
- 1379 Evan Nelson '07  
Sports [Development of the Wisconsin Sports Specialization Questionnaire](#)
- 1380 (Jack Magill)  
Sports [The Prevalence of Limb Asymmetries in Healthy Division I Collegiate Athletes on Baseline Strength Testing](#)
- 1382 (Jack Magill)  
Sports [Testing for Lower Limb Asymmetries in Competitive Fencing Athletes](#)
- 1385 Jack Magill  
Sports (Dr. Mike Reiman, Lee Diehl, Jordan Busse)  
[Establishing Predicted Eccentric Hamstring Strength in Division I Athletes](#)

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**Thursday, February 23**

**Posters**

- 1386 (Kristen Crenshaw '17)  
Sports [Olympic Weightlifting Training and Spring Performance: A Systematic Review with Meta-Analysis](#)
- 1392 Tommy Otley  
Sports (Laura Stanley Pietrosimone '10)  
[Relationships between Reported Wellness, External Load, and Countermovement Jump Performance in Male Collegiate Soccer Players](#)
- 1395 (Jeff Taylor '05)  
Sports [Variability of Jumping Demands across the Season in Collegiate Women's Volleyball: Implications for Injury Risk](#)
- 3 pm – 5 pm Bobby Jean Sanders Lee '14, Shefali Mathur Christopher '08, Olivia Abdo, Chelsea Wolfe Ortega '15, Amy Arundale '11  
[Women in Sports: Making More Seats at the Table](#)  
[American Academy of Sports Physical Therapy Educational Session](#)  
[San Diego Convention Center Room 5AB \(Upper Level\)](#)
- 3 pm – 5 pm Garrett Bullock '17, Justin Losciale '17  
[Can Prediction Models and Artificial Intelligence Improve Clinical Care?](#)  
[Academy of Orthopaedic Physical Therapy Educational Session](#)  
[San Diego Convention Center Room 3 \(Upper Level\)](#)
- 3 pm – 5 pm Rebeca Bermudez Segraves  
[Disparities in Maternal and Infant Health and What You Can Do About It](#)  
[Academy of Pelvic Health Physical Therapy Educational Session](#)  
[San Diego Convention Center Room 33AB \(Upper Level\)](#)
- 3 pm – 5 pm Christine Cabelka  
[DPT, EdD, PhD, or DSC- Making Sense of the Graduate Alphabet Soup](#)  
[Academy of Pelvic Health Physical Therapy Educational Session](#)  
[San Diego Convention Center Room 33C \(Upper Level\)](#)
- 5:30-7:30 pm [Duke Physical Therapy Alumni & Friends Reception](#)  
Roy's San Diego Waterfront: 333 W Harbor Dr, San Diego, CA 92101  
-Duke Physical Therapy Alumni Association elections- e-mail [rosie@alumni.duke.edu](mailto:rosie@alumni.duke.edu) if interested in serving as secretary or at-large director- still accepting nominations  
-Secretary: Hannah Zhang '16  
-Directors-at-Large: Gerard Brennan '75, Brittany Swann Wilmoth '14  
-honoring our Duke Physical Therapy Alumni Association Award Winners:  
-Distinguished Alumni: Lee Dibble '91  
-Emerging Leader: Maggie Holland '16

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**Friday, February 24**

- 8 am – 10 am Alex Hill, Meredith Stutz, Naomi Klingbeil  
[Closing the Gap: Development and Implementation of an Oncology Mentorship Program](#)  
[APTA Oncology Educational Session](#)  
[Hilton Bayfront Sapphire 400 \(Level Four\)](#)
- 8 am – 10 am Dr. Tiffany Adams, Kai Kennedy  
[Assimilation Is Not Inclusion: Deconstructing and Reconstructing the Hidden Curriculum in Physical Therapy Education](#)  
[Academy of Physical Therapy Education Educational Session](#)  
[Hilton Bayfront Indigo BCFG \(Level Two\)](#)
- 8 am – 10 am Jenny Peterson Bagwell '06, Shefali Mathur Christopher '08  
[Oh Baby! How Biomechanics Research Can Inform Perinatal Clinical Decisions](#)  
[Academy of Pelvic Health Physical Therapy Educational Session](#)  
[San Diego Convention Center Room 30ABC \(Upper Level\)](#)
- 8 am – 10 am Randy Lazicki  
[Return-to-Duty Decision-Making for Military Tactical Athletes](#)  
[American Academy of Sports Physical Therapy Educational Session](#)  
[San Diego Convention Center Room 3 \(Upper Level\)](#)
- 8 am – 10 am Jeff Taylor '05  
Moderator [The Marilyn Gossman Graduate Student Research Seminar: Future Faculty Forum](#)  
[San Diego Convention Center Room 33C \(Upper Level\)](#)
- 8 am – 10 am Sean Rundell '05  
Moderator [Orthopaedics Platform Session 4](#)  
[San Diego Convention Center Platform Theater 2 \(Upper Level\)](#)
- 8 am – 10 am (Dr. Adam Goode '05)  
Speaker 2/8 [National Sleep Complaint Trends in Adults with Chronic Peripheral Joint Pain](#)  
[Orthopaedics Platform Session 4](#)  
[San Diego Convention Center Platform Theater 2 \(Upper Level\)](#)
- 8 am – 10 am (Jon Sylvain)  
Speaker 8/8 [Multi-Center Pilot Trial Assessing Subclassification of Pain Mechanisms and Pain Interference](#)  
[Orthopaedics Platform Session 4](#)  
[San Diego Convention Center Platform Theater 2 \(Upper Level\)](#)
- 8 am – 10 am Bobby Jean Sanders Lee '14  
Speaker 6/10 [Knee Energy Absorption Differs between Limbs, By Limb Dominance but Not over Time after Aclr](#)  
[Sports Section Research Platforms 2: ACL 2](#)  
[San Diego Convention Center Platform Theater 1 \(Upper Level\)](#)

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**Friday, February 24**

- 11 am – 1 pm Dr. Rick Clendaniel  
[Beyond Posterior Canal BPPV: Clinical Decision Making and a Critical Appraisal of Treatment Techniques for Anterior & Horizontal Canal BPPV](#)  
[Academy of Neurologic Physical Therapy Educational Session](#)  
[Hilton Bayfront Sapphire IJMN \(Level Four\)](#)
- 11 am – 1 pm Hannah McHugh  
[Cardiovascular & Pulmonary Research: A Year in Review](#)  
[Academy of Cardiovascular & Pulmonary Physical Therapy Educational Session](#)  
[San Diego Convention Center Room 30ABC \(Upper Level\)](#)
- 11 am – 1 pm Mya Shackelford  
[Successful Outcomes for Improving Diversity, Equity, and Inclusion in Physical Therapy: A Five Pillar Approach](#)  
[Academy of Leadership and Innovation Educational Session](#)  
[San Diego Convention Center Room Room 31ABC \(Upper Level\)](#)
- 11 am – 1 pm Christine Cabelka  
Moderator [Pelvic Health Platform Session](#)  
[San Diego Convention Center Room Room 25ABC \(Upper Level\)](#)
- 11 am – 1 pm (Alan Lee '94)  
Speaker 1/8 [Online Protocol Based Treatment for Stress Urinary Incontinence in Postpartum Women](#)  
[Pelvic Health Platform Session](#)  
[San Diego Convention Center Room Room 25ABC \(Upper Level\)](#)
- 11 am – 1 pm Jenny Peterson Bagwell '06  
Speaker 6/8 [Postural Control in Pregnant Individuals with and without Low Back or Pelvic Girdle Pain](#)  
[Pelvic Health Platform Session](#)  
[San Diego Convention Center Room Room 25ABC \(Upper Level\)](#)
- 11 am – 1 pm Dr. Katie Myers  
Speaker 4/7 [Validating a Clinical Teaching Competency Framework: Assessing the Utility from the Clinician Perspective](#)  
[Academy of Physical Therapy Education Platform Session 4](#)  
[San Diego Convention Center Room Platform Theater 3 \(Upper Level\)](#)
- 11 am – 1 pm (Lee Dibble '91)  
Speaker 6/8 [Preliminary Findings for a Modified Illinois Agility Test in Both Civilian and Military Adults](#)  
[Federal Platform Session 2](#)  
[San Diego Convention Center Room Platform Theater 5 \(Upper Level\)](#)

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**Friday, February 24**

**Posters**

- 2047  
Neuro Ryan Koter '17  
[Retrospective Analysis of the Treatment of Bppv in Persons with Sub-Acute Spinal Cord Injury](#)
- 2049  
Neuro **Nicholle Lewis**, Dr. Tim Faw '09  
[Rehabilitation Intensity and Timing Interactions Affect Recovery in Acute Spinal Cord Injury](#)
- 2051  
Neuro Mike Majsak '81  
[Factors Associated with Incidence Pressure Ulcers for Patients with Spinal Cord Injury in Bangladesh](#)
- 2115  
Ortho (Matt De Ruig '05)  
[Blood Flow Restriction Training Following Achilles Tendon Reconstruction: A Case Report](#)
- 2122  
Ortho (Gerard Brennan '75)  
[Finding the Sweet Spot: Determining Appropriate Utilization Based on Outcomes with Orthopedic Patients](#)
- 2131  
Ortho Emily Slaven  
[Mentoring across Generations in Orthopaedic Manual Physical Therapists](#)
- 2132  
Ortho (Dr. Chad Cook)  
[Factors behind the Prognostic Predictions of Physical Therapists: A Mixed Methods Study](#)
- 2141  
Ortho Joaquin Barrios '03  
[Clinician-Identified Pelvic Drop and Dynamic Knee Valgus during Lateral Step-Downs Reveal Altered Hip Joint Coordination](#)
- 2154  
Ortho Olivia Fleming, Preston Roundy, Trevor Lentz  
(Andrea Christian, Ashley Kinsey, Monica Austin '17, Bill Jiranek, Katherine Applegate)  
[Clinical Implementation of Psychologic Phenotypes in Patients with Hip and Knee Osteoarthritis Development and Application](#)
- 2160  
Ortho Yusra Iftikhar '20  
[Feasibility of Ecological Momentary Assessments and Accelerometry to Study Activity-Pain Relationships in Femoracetabular Impingement Syndrome](#)
- 2165  
Ortho Cody Mansfield '14  
[Effects of Patellorfemoral Pain and Dry Needling on Laterality Recognition and Function: A Pilot Study](#)

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**Friday, February 24**

**Posters**

- 2166 (Mike Bade)  
Ortho [Combined Neuromuscular Electrical Stimulation and Blood Flow Restriction after Total Knee Arthroplasty: A Feasibility Study](#)
- 2173 (Jeff Taylor)  
Ortho [Characteristics of Opioid Prescription and Usage after ACL Reconstruction: A Systematic Review](#)
- 2191 Yannick Tousignant-LaFlamme  
Ortho [Personalizing Rehabilitation Care of Injured Workers – an Umbrella-Review of Prognostic Factors for Musculoskeletal Disorders](#)
- 2233 (Dora Gosselin '05)  
Peds [Prioritizing Participation during Gait Assessment: How Are We Doing?](#)
- 2236 (Melissa Hildebrand Scales '08)  
Peds [Does Idiopathic Toe-Walking Resolve?: Comparing Gait Alterations in Children and Adults Who Toe-Walk](#)
- 2293 Kim Sondles Scott '07  
Peds [What Are They Doing? a Pilot Study Exploring Parent Enactment for Home-Based Intervention with Infants](#)
- 2304 Caroline Ubben '17  
Peds [Investigation of Impact and Feasibility of Administering the PedsOL in the Outpatient Rehabilitation Setting](#)
- 2367 Bobby Jean Sanders Lee '14  
Sports [Patellofemoral Joint Stress and Reaction Force Differ By Limb and over Time after Aclr](#)
- 2374 (Bobby Jean Sanders Lee '14)  
Sports [Energy Absorption Contribution Differs between Forward HOP and Drop Vertical Jump After Aclr](#)
- 2384 (Shefali Mathur Christopher '08)  
Sports [Are Pelvis, Hip, and Knee Kinematics Different between Postpartum Runners and Nulliparous Controls](#)
- 2386 (Shefali Mathur Christopher '08)  
Sports [Is Hip Strength Different in Postpartum Runners That Return to Running at 6 Weeks Postpartum?](#)

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**Friday, February 24**

**Posters**

- 2393 (Dr. Mike Reiman, Shefali Mathur Christopher '08, Jack Magill)  
Sports [Adductor Impulse is a Risk Factor for Groin Injuries in Division I Athletes](#)
- 2394 (Jack Magill)  
Sports [PTR4 ACUTE VITAL and Exertional Responses to Blood FLOW Restriction Training](#)
- 2396 Natalie McNerney '21  
Sports [Early Quadriceps Strength, Psychological Readiness, and Perceived Function Among Young Athletes after ACL Reconstruction](#)
- 2399 (Steve Higbie '16)  
Sports [Is Quadriceps Surface Electromyography Valid in Assessing Knee Extension Peak Force Following ACL Reconstruction](#)
- 3 pm – 5 pm Dr. Steve George  
[Movement-Evoked Pain: What It Is, How to Evaluate, and When to Target With Treatment](#)  
[Academy of Physical Therapy Research Educational Session](#)  
[Hilton Bayfront Aqua 311 \(Level Three\)](#)
- 3 pm – 5 pm Rachel Meyers '21  
[Science Meets Practice 3: Are the kids all right? The Effects of Covid Related Sport Stoppage on Youth Athletes](#)  
[San Diego Convention Center Room 3 \(Upper Level\)](#)
- 3 pm – 5 pm (Garrett Bullock '17)  
Speaker 1/3 [Overuse and Traumatic Injury Rates and Risk in High School Athletes Following Prolonged Sport Stoppage](#)  
[Science Meets Practice 3: Are the kids all right? The Effects of Covid Related Sport Stoppage on Youth Athletes](#)  
[San Diego Convention Center Room 3 \(Upper Level\)](#)
- 3 pm – 5 pm (Garrett Bullock '17)  
Speaker 2/3 [Impact of Prolonged Sport Stoppage on Knee Injuries in High School Athletes: An Ecological Study](#)  
[Science Meets Practice 3: Are the kids all right? The Effects of Covid Related Sport Stoppage on Youth Athletes](#)  
[San Diego Convention Center Room 3 \(Upper Level\)](#)

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**Friday, February 24**

- 3 pm – 5 pm    Evan Nelson '07  
Speaker 5/10    [The University of Wisconsin Running Injury and Recovery Index is Associated with Running Distance](#)  
[Sports Section Research Platforms 3: Running](#)  
[San Diego Convention Center Room 1 \(Upper Level\)](#)
- 3 pm – 5 pm    (Shefali Mathur Christopher '08)  
Speaker 6/10    [Symptomatic Burden of Pelvic Floor Among Healthy Postpartum Runners and Nulliparous Controls](#)  
[Sports Section Research Platforms 3: Running](#)  
[San Diego Convention Center Platfrom Theater 1 \(Upper Level\)](#)
- 3 pm – 5 pm    Cameron Goepp Gartzke '11  
Speaker 3/5    [PRIME: Proactive Rehabilitation Interdisciplinary Management and Evaluation](#)  
[Acute Care Platform Session 2: Quality and Outcomes](#)  
[San Diego Convention Center Room 23DE \(Upper Level\)](#)
- 6:30 pm        Alan Lee '94  
[Lecture Award: Ongoing Lessons From the Global Pandemic Telehealth, DEI, and Pursuit of Excellence](#)  
[Hilton Bayfront Sapphire IJMN \(Level Four\)](#)

**Saturday, February 25**

- 8 am – 10 am Dr. Chad Cook  
[Active or Passive: My Impact is Quite Massive](#)  
[APTA Private Practice Educational Session](#)  
[San Diego Convention Center Room 24ABC \(Upper Level\)](#)
- 8 am – 10 am Dr. Steve George  
[Advances in Clinical Trial Methodology](#)  
[Academy of Physical Therapy Research Educational Session](#)  
[San Diego Convention Center Room 22 \(Upper Level\)](#)
- 8 am – 10 am Shefali Mathur Christopher '08  
[Going the Distance: Endurance Sport Considerations for Special Populations](#)  
[American Academy of Sports Physical Therapy Educational Session](#)  
[San Diego Convention Center Room 29ABCD \(Upper Level\)](#)
- 8 am – 10 am Cynthia Chiarello '79  
[Should I Base My Clinical Decisions on This Systematic Review?](#)  
[Academy of Physical Therapy Research Educational Session](#)  
[Hilton Bayfront Sapphire 400 \(Level Four\)](#)
- 8 am – 10 am Matt de Ruig '05  
Speaker 2/9 (Cynthia Watson)  
[Quantitative Ultrasound Strongly Correlates with DXA: A Useful Medical Screening Tool for Physical Therapists](#)  
[Geriatrics Platform Session 2](#)  
[San Diego Convention Center Platform Theater 2 \(Upper Level\)](#)
- 8 am – 10 am Annalisa Na '09  
Speaker 4/9  
[Clinician Perspectives on Identifying and Assessing Pain for Community-Dwelling Older Adults with Dementia](#)  
[Geriatrics Platform Session 2](#)  
[San Diego Convention Center Platform Theater 2 \(Upper Level\)](#)
- 8 am – 10 am Valerie Schuman '12  
Speaker 6/9  
[Characteristics Associated with Greater Gait Speed Improvements after Walking Interventions](#)  
[Geriatrics Platform Session 2](#)  
[San Diego Convention Center Platform Theater 2 \(Upper Level\)](#)

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**Saturday, February 25**

- 8 am – 10 am Trevor Lentz  
Speaker 6/8 [Referral and Utilization metrics of a Hybrid Remote Care Delivery Model Led by Physical Therapists](#)  
[Orthopaedics Platform Session 6](#)  
[San Diego Convention Center Platform Theater 1 \(Upper Level\)](#)
- 8 am – 10 am Tyler Cope  
Speaker 7/8 (Trevor Lentz, Zachary Stearns, Dr. Corey Simon, Colleen Burke '18, Dr. Steve George)  
[Remote Care Delivery to Augment Treatment By Physical Therapists' Experiences From an Embedded Pragmatic Trial](#)  
[Orthopaedics Platform Session 6](#)  
[San Diego Convention Center Platform Theater 1 \(Upper Level\)](#)
- 11 am – 1 pm Michelle Ramirez  
[Developing Culture in Value Based Learn Health Systems to Achieve the Quadruple Aim](#)  
[Academy of Leadership and Innovation Leadership Educational Session](#)  
[San Diego Convention Center Room 30DE \(Upper Level\)](#)
- 11 am – 1 pm Jeff Taylor '05  
Moderator [Academy of Physical Therapy Research Section Platform Presentations](#)  
[Hilton Bayfront Aqua 311 \(Level Three\)](#)
- 11 am – 1 pm (Cory Christiansen '96)  
Speaker 3/7 [Functional Strength Integration Techniques for Total Hip Arthroplasty Rehabilitation With Veterans: A Randomized Controlled Trial](#)  
[Academy of Physical Therapy Research Section Platform Presentations](#)  
[Hilton Bayfront Aqua \(Level Three\)](#)
- 11 am – 1 pm Kim Scott '07  
Speaker 2/7 [Therapist Fidelity in a Multi-Site Randomized Comparative Efficacy Trial for Infants with Unilateral Cerebral Palsy](#)  
[Pediatrics Platform Session 2](#)  
[San Diego Convention Center Platform Theater 3 \(Upper Level\)](#)



**Saturday, February 25**

- 11 am – 1 pm (Amy Arundale '11, Garrett Bullock '17)  
Speaker 1/2 [Return to Performance Following Severe Ankle, Knee, and Hip Injuries in National Basketball Association Players](#)  
[Science Meets Practice 4: Full Court Press: Comprehensive Management of the Elite Basketball Player](#)  
[San Diego Convention Center Room 7AB \(Upper Level\)](#)
- 11 am – 1 pm (Garrett Bullock '17)  
Speaker 1/10 [Timely Access to Care Reduces Days to Return to Sport \(RTS\) in Scholastic Athletes](#)  
[Sports Section Research Platforms 4: Upper Extremity/Injury Prevention](#)  
[San Diego Convention Center Platform Theater 1 \(Upper Level\)](#)
- 11 am – 1 pm (Garrett Bullock '17)  
Speaker 6/10 [Elbow Injuries Among MLB Pitchers Increased during Covid-19 Disrupted Season, but Not Other Baseball Injuries](#)  
[Sports Section Research Platforms 4: Upper Extremity/Injury Prevention](#)  
[San Diego Convention Center Platform Theater 1 \(Upper Level\)](#)

**Saturday, February 25**

**Posters**

- 3044 Dr. Ashley Poole (Eder Garavito)  
CardioPulm [Motor and Sensory Balance Deficits Seen in People Immediately Following COVID-19](#)
- 3071 Becca Jordre '02  
Geri [Investigating Measures of Lower Extremity Power to Discriminate Fall, History in Competitive Older Athletes](#)
- 3134 Ashley Lake, Marissa Araujo Carvalho '12, Katherine Norman, Janet Bettger  
Leadership & Innovation [Telehealth Access and Utilization of Medicaid Beneficiaries with Musculoskeletal Conditions in North Carolina](#)
- 3153 (Alan Lee '94)  
Leadership & Innovation [PT Compact and Telehealth: Online Survey of PT Practitioners with Active Compact Privileges](#)
- 3172 Maddie Massey '21  
Neuro [Effective of Custom Carbon Fiber Afos in Improving Gait in Peripheral Neuropathy: A Case Series](#)
- 3250 (Dr. Rick Clendaniel)  
Neuro [Development and Feasibility of a Gamified Remote Therapeutic Monitoring Tool for Vestibular Rehabilitation](#)
- 3256 (Lee Dibble '91)  
Neuro [Change in Dizziness Handicap and Gaze Stability Following Vestibular Rehabilitation in People with Multiple Sclerosis](#)
- 3261 (Lee Dibble '91)  
Neuro [Unilateral Vestibular Hypofunction Decompensation after COVID-19 Infection: A Rehabilitation Case Study](#)
- 3289 (Nick LeBlond '20)  
Ortho [Pain Phenotyping in Outpatient Orthopaedic Physical Therapy: Characterization of Subgroups and Examination of Clinical Outcomes](#)
- 3307 David Rowland '20  
Research [Evaluating the Biomechanical Response to a Powered Ankle Exoskeleton Post-Stroke- a Preliminary Investigation](#)
- 3311 (Lee Dibble '91)  
Research [Wearable Sensors to measure Turning: Reliability and Minimal Detectable Change in Military and Civilian Populations](#)

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**Saturday, February 25**

**Poster**

- 3344 (Joaquin Barrios '03)  
Research [Validity and Reliability of Handheld 3D Scanning for Measuring Lower Limb Volumes](#)
- 3368 Ale Trepte  
Research (Dr. Steve George, Dr. Chad Cook)  
[An Innovative Approach to Disseminating Contemporary, High-Quality, and Accessible Evidence on Orthopaedic Manual Therapy](#)
- 3 pm – 5 pm Dr. Ashley Poole, Karlyn Schlitgen Green, Dr. Amy Pastva  
[An Evidence-Based Approach to Assessing and Addressing Functional Status in Patients With Heart Failure](#)  
[Academy of Cardiovascular & Pulmonary Physical Therapy Educational Session](#)  
[San Diego Convention Center Room 5AB \(Upper Level\)](#)
- 3 pm – 5 pm Angela Spontelli Gisselman '11  
[Preventing Concussions in Sport – It's Never Too Late to Try](#)  
[American Academy of Sports Physical Therapy Educational Session](#)  
[San Diego Convention Center Ballroom 20BC \(Upper Level\)](#)
- 3 pm – 5 pm Jessica Powley Reale '10  
[Intrarectal Balloon Training for Bowel Dysfunction Utilization, Current Evidence, and Best Practice](#)  
[Academy of Pelvic Health Physical Therapy Educational Session](#)  
[San Diego Convention Center Room 30DE \(Upper Level\)](#)
- 3 pm – 5 pm Jennifer Moody Skeesick '06  
[Make a Splash! Promoting DEI for Youth Adaptive Water Sports](#)  
[APTA Pediatrics Educational Session](#)  
[Hilton Bayfront Aqua 311 \(Level Three\)](#)
- 3 pm – 5 pm Trevor Lentz  
[Eugene Michels Research Forum: Psychological Factors in Physical Therapy, Are We Encroaching Boundaries of Practice?](#)  
[Academy of Physical Therapy Research Educational Session](#)  
[San Diego Convention Center Room 25 ABC \(Upper Level\)](#)
- 3 pm – 5 pm Dana Lott  
[Pro Tips on Building a Residency Program: Basics and Troubleshooting for Success](#)  
[Academy of Physical Therapy Education Educational Session](#)  
[Hilton Bayfront Aqua DEF \(Level Three\)](#)

**Saturday, February 25**

3 pm – 5 pm Justin Losciale '17

Speaker 6/10 [Risk Factors for Knee Osteoarthritis after Knee Joint Injury, an Optiknee Systematic Review with Meta-Analysis](#)

[Sports Section Research Platforms 5: Hip/PF/Knee/Adaptive San Diego Convention Center Platform Theater 3 \(Upper Level\)](#)

5 pm Informal Duke vs Virginia Tech Hoops Watch

Probable location: Social Tap San Diego- 815 J St Suite #101