Wednesday, June 26

**Rapid Fire Presentations: 10 a.m. — 10:55 a.m.**

**Current Concepts in Recovery and Return-to-Sport Following Anterior Cruciate Ligament Injury and Reconstruction, (I, II, IV), Essential**

**10 a.m. — 10:07 a.m.**

The Validity of Low-Cost Handheld Dynamometers for Assessing Quadriceps Strength in Individuals With ACL Reconstructed Knees

Emma Stith, MS, ATC, University of Delaware

**10:07 a.m. — 10:14 a.m.**

The Relationship Between Patient-Reported Outcome Measures and Return-to-Sport Assessments in Patients With Post-Anterior Cruciate Ligament Surgical Reconstruction

Cody Walker, MS, LAT, ATC, Arkansas Children’s Hospital

**10:14 a.m. — 10:21 a.m.**

Impaired Explosive and Peak Quadriceps Strength Are Associated With Arthrogenic Muscle Inhibition in ACL-Reconstructed Females

Yu-Lun Huang, PhD, ATC, National Taiwan Normal University
10:21 A.M. — 10:28 A.M
A Single-Bout Transcranial Direct Current Stimulation With Proprioceptive Training Can Enhance Knee Joint Position Sense After ACL Reconstruction
Yangmi Kang, PhD, ATC, Ithaca College

10:28 A.M. — 10:35 A.M
Limb Loading and Quadriceps Strength Recovery After ACL Reconstruction
Amelia Bruce Leicht, PhD, CSCS, University of Kentucky

10:35 A.M. — 10:42 A.M
*Research Funded by the NATA Foundation*
Change of Direction Performance Does Not Improve From Six to Nine Months Post-ACLR
Thomas Birchmeier, PhD, ATC, CSCS, University of North Carolina at Chapel Hill

10:42 A.M. — 10:49 A.M
Time of Return-to-Sport Testing Following ACL Reconstruction
Megan Pales Taylor, MEd, ATC, University of Utah

Interventions and Testing of Physical Performance, (I, II, IV), Essential
10 A.M. — 10:07 A.M
The Impact of Omega-3 Supplementation on Event Performance, Grip Strength, and Body Composition in NCAA Division I Track and Field Athletes
Andrew Gallucci, PhD, LAT, ATC, Baylor University

10:07 A.M. — 10:14 A.M
The Effect of a Neuromuscular-Cognitive Training Program on Static Postural Stability and Hop Test Performance in Collegiate Tennis Athletes
Ke’La Porter, MS, LAT, ATC, CSCS, University of Kentucky

10:14 A.M. — 10:21 A.M
Test-Retest Reliability and Visual Perturbation Performance Costs During Two Reactive Agility Tasks
Ellen Smith, MS, ATC, Franciscan Health

10:21 A.M. — 10:28 A.M
*Research Funded by the NATA Foundation*
The Effect of Yoga Practices on Anxiety, Balance, and Subjective Sport Performance in Collegiate Softball Players
Sara Binkley, MS, LAT, ATC, University of South Carolina

10:28 A.M. — 10:35 A.M.
The Association Between Sport Specialization Level and Athletic Abilities Among Flag Football Athletes and Non-Sport Female Adolescents
Rachel Hedrick, ATC, Children's Hospital Colorado

10:35 A.M. — 10:42 A.M.
The Impact of Caffeine on Softball Performance in Female Collegiate Athletes: A Randomized Control Trial
Delaney Taylor, ATC, Drake University

10:42 A.M. — 10:49 A.M.
Comparison of Perceived Versus Actual Ability Level in Elite Athletes Using a Sport-Specific Task
David Quammen, MSEd, ATC, CSCS, University of Utah

Poster Presentations: 10 a.m. — 10:55 a.m.
Case Studies, (I, II, III, IV), Advanced

A Chest Injury in a High School Athlete
David Jacobs, ATC, University of Kentucky

A Femoral Neck Stress Fracture in a High School Swim and Cross Country Athlete
Meghan Cerjan, BS, LAT, ATC, OTC, University of Kentucky

A Leap of Faith: Traversing the Trampoline Trilemma of Training, Trauma and Triceps Rupture in a Young Athlete: Type 3 Case Study
Ryan Froom, MS, LAT, ATC, The Steadman Clinic

Ankle Impingement Following Medial Malleolar Stress Fracture With Anterior Distal Tibial and Talar Neck Osteophytes in a Female Collegiate Basketball Player: A Level 4 Clinical Case Report
Kathryn Arnold, NREMT, Purdue University
Anterior Cruciate Ligament Reconstruction With Lateral Tibial Plateau Open Reduction Internal Fixation and Multi Meniscal Repair: Type 3 Case Study
Sara Burney, MBA, LAT, ATC, The Steadman Clinic

Bilateral Total Hip Arthroplasties in an Adolescent With Severe Osteoarthritis Secondary to Legg-Calve-Perthes Disease: Type 4 Clinical Case Study
Jessica von Arx, ATC, Vail Summit Orthopaedics and Neurosurgery

Cardiac Ablation in a Collegiate Level Athlete: A Clinical Case Report
Daniela Palacios, Louisiana State University

Catastrophic Knee Injury in a High School Football Player
Sarah Williams, MS, ATC, LAT, University of Kentucky

Collegiate Football Player With Bimalleolar Fracture and Fracture Blisters: A Case Study
Erika Clark, Louisiana State University

Concurrent Epstein-Barr Virus and Cytomegalovirus Infections in a Collegiate Baseball Pitcher: A Case Report
Hailey Parker, MEd, LAT, ATC, UT Health East Texas

Covid Induced Atelectasis in a High School Athlete
Riley Lyvers, MS, LAT, ATC, Marshall University

Cutaneous Reflex Characteristics During the Stance Phase of Gait in an Individual With Pre-Surgical Mechanical Ankle Instability
Annalee Friedman, MS, LAT, ATC, Indiana University at Bloomington

Distal Triceps Rupture in High School Football
Jeanine Veress, Kean University

Emergency Fasciotomy in a Collegiate Football Player: A Type 4 Clinical Case Study
Bria Renna, Florida International University

Failed Lower Extremity Fasciotomies Lead to Subsequent Split Posterior Tibial Tendon Transfer: Type 3 Case Report
Keeley Smith, MS, LAT, ATC, The Steadman Clinic
Functional Outcome Measures and Mental Readiness to Return-to-Sport After Anterior Cruciate Ligament Reconstruction: Type 1 Validation Case Report
Katelyn Young, University of Lynchburg

Hodgkin’s Lymphoma in a Division I Cross Country and Track and Field Athlete
Aaron Gowens, LAT, ATC, University of Oklahoma

Isolated Gracilis Tear in a Collegiate Women's Soccer Player
Bella Ruthig, Ithaca College

Non-Contact Chronic Cervical Radiculopathy in a Collegiate Volleyball Player: Level 4 Case Study
Jaliyah Royston, Florida International University

Optimal Blood Flow Restriction Training Protocol for PCL Post-Surgery Rehabilitation in Division I Collegiate Football Player: A Case 2 Study
Normand Xavier, MSAT, Michigan State University

Orthobiologics: Utilizing Autologous Bone Marrow Aspirate Concentrate Injections in the Lumbar Spine: Type 1 CASE Study
Marc Hinson, MS, LAT, ATC, The Steadman Clinic

Post-COVID 19 Pericarditis in a Collegiate Volleyball Athlete: A Level 2 Case Study
Flinn Christian, University of South Carolina

Presence of Ramp Lesion Tear and Pivot Shift Contusion With Potentially Intact ACL
Bryce Mundy, Kean University

Pulmonary Embolism Caused by Tibia Fibula Fracture
Matthew Lema, Kean University

The Implications of Celiac Disease in Young Athletes
Isabella Rivero, Florida International University

Vertebral Endplate as the Source of Chronic Low Back Pain: Type 3 CASE Study
Laura Boucher, PhD, LAT, ATC, Ohio State University
Anxiety and Depression Among Female Athletes
Dana Golden, MEd, LAT, ATC, University of Virginia

Associations Between Injury-Related Fear and Self-Reported Well-Being in Individuals With a Previous History of Lateral Ankle Sprain and Modified Physical Activity
Masafumi Terada, PhD, ATC, Ritsumeikan University

Effects of Headache Disorders on Daytime Sleepiness in Collegiate Student-Athletes
Tyler LaMonica, MS, LAT, ATC, University of Florida

Examining the Relationship Between Positive and Negative Psychological Health Outcomes Among Individuals With Chronic Ankle Instability
Elisabeth Ohrnberger, LAT, ATC, CSCS, University of Kentucky

Golfers With More Frequent Low Back Pain Report Higher Pain and Disability
Evyn Callahan, MS, ATC, University of Central Florida

Self-Reported Knee Symptoms Influence Emotional Responses Post-ACL Reconstruction
Elaine Reiche, MS, ATC, CSCS, University of North Carolina at Chapel Hill

The Association Between Sociodemographic Factors and Social Support in Adolescent Athletes
Danae Delfin, PhD, LAT, ATC, CSCS, University of South Florida

Rapid Fire Presentations: 11:25 a.m. — 12:20 p.m.
Fostering Harmony: Navigating Behavioral Health and Boosting Job Satisfaction, (I, II, IV, V), Essential

11:25 a.m. — 11:32 am
Burnout and Intent to Leave the Profession Among Athletic Trainers Working in NCAA Power-5 Settings
Christianne Eason, PhD ATC, Korey Stringer Institute
11:32 a.m. — 11:39 a.m.
Impact of Collegiate Student-Athletes Mental Health Status on Daytime Sleepiness
Marissa Pazik, MS, LAT, ATC, CSCS, University of Florida

11:39 a.m. — 11:46 a.m.
Relationship Between Mental Health Characteristics and Disordered Eating Behaviors Among Collegiate Wrestlers
Tiffany Franklin, EdD, LAT, ATC, Franklin College

11:46 a.m. — 11:53 a.m.
Moral Distress and Ethical Preparedness in Athletic Training Students
Matthew Drescher, PhD, LAT, ATC, Indiana State University

11:53 a.m. — 12 p.m.
Factors That Influence the Intent to Leave the Athletic Training Workplace
Abigail Chew, LAT, ATC, St. Mary of the Woods College Sports Medicine

12 p.m. — 12:07 p.m.
Current Perspectives From Secondary School Athletic Trainers in Managing Mental Health Cases
Suhyun Jang, MS, Indiana State University

12:07 p.m. — 12:14 p.m.
A Five-Year Update to Collegiate Athletic Trainers’ Preparedness and Confidence in Addressing Mental Health Concerns
Lindsey Bartle, MS, LAT, ATC, Indiana State University

An Ounce of Concussion Prevention, (I, II, III, IV, V), Essential

11:25 a.m. — 11:32 a.m.
Football Helmet Characteristics and Maintenance Processes Among Arizona Secondary School Athletic Programs
Bart Peterson, MSS, LAT, ATC, Palo Verde Magnet High School

11:32 a.m. — 11:39 a.m.
Potential Protective Effects of Jugular Vein Compression Devices on Brain Microstructure Integrity: A Critically Appraised Topic
James Farnsworth, PhD, LAT, ATC, Middle Tennessee State University
11:39 A.M. — 11:46 AM  
**Guardian Cap Soft-Shell Padding Efficacy in American Football Throughout a Competitive Season**  
Aaron Sinnott, PhD, ATC, University of North Carolina at Chapel Hill

11:46 A.M. — 11:53 AM  
**Sport Season Timing of Concussion Occurrence and Diagnosis and Recovery Milestones in Collegiate Athletes**  
Allison Gass, Duquesne University

11:53 A.M. — 12 P.M.  
**Playing By the Rules: Concussion Frequency and Head Impact Mitigation Rule Changes — A LIMBIC MATARS Investigation**  
Caitlin Furey, University of Virginia

12 P.M. — 12:07 P.M.  
**Designing Effective Parent Concussion Education: The Role of Parent Knowledge in Athlete Symptom Disclosure**  
Dee Warmath, PhD, University of Georgia

12:07 P.M. — 12:14 P.M.  
**Applying Topic Modeling To Assess Concussion Education Through the Athlete’s Lens**  
Andrew Winterstein, PhD, ATC, University of Wisconsin at Madison

*Safeguarding Wellness: Strategies and Insights for Effective Injury Prevention, (I, II, IV), Essential*

11:25 A.M. — 12:20 PM  
**The Association of Vitamin D, Bone Mineral Density and Injuries Among Acrobatics and Tumbling Athletes**  
Katherine Lee, MA, ATC, Baylor University

11:32 A.M. — 11:39 AM  
**Higher Cumulative Impact Intensities Are Associated With Lower Extremity Injury in Collegiate Basketball Athletes**  
Julie Burland, PhD, ATC, CSCS, University of Connecticut
11:39 A.M. — 11:46 A.M.
The Influence of Neutral and Motion Control Footwear on Running Mechanics of Adolescent Long-Distance Runners
Madeline Barnes, MS, ATC, University of Toledo

11:46 A.M. — 11:53 A.M.
Anti-Rotation Training in NCAA Division I Volleyball Players: A Pilot Study
Drue Stapleton, PhD, ATC, CSCS, Rider University

11:53 A.M. — 12 P.M.
A Retrospective Review of the University Dance Performance and Injury Prevention Program
Alayna Rubach, Moravian University

12 P.M. — 12:07 P.M.
Athletic Trainer Reported Facilitators and Barriers for High School Teams Performing a Dynamic Warm-up
Lauren Sheldon, MS, ATC, University of Connecticut

12:07 P.M. — 12:14 P.M.
Influence of Surface Type on Cumulative Load During a 5-KM Trail Run
Samuel Rosario, MS, University of Toledo

Poster Presentations: 11:25 A.M. — 12:20 P.M.
Athletic Training Education, (I, II, III, V), Advanced

Athletic Trainers’ Assessment of Blood Pressure Using a High-Fidelity Manikin
Michael Verde, MS, ATC, University of South Carolina

Attentional Focus and Cardiopulmonary Resuscitation Motor Skill Performance in Athletic Training
Aleiza Higgins, MSAT, LAT, ATC, University of North Carolina at Greensboro

Barriers Prohibiting Uses of Simulation and Standardized Patients in Athletic Training Education
Stacy Walker, PhD, ATC, FNATA, Ball State University
Exploring the Use of a Focused History Script for the Social Determinants of Health To Facilitate Patient Conversations
Kaitlynn Moll, MS, ATC, Medical University of South Carolina

Orientation Using Standardized Patients Increases Athletic Training Student Communication Effectiveness When Transitioning to Clinical Education Experiences
Jamie Frye, PhD, LAT, ATC, James Madison University

Progressive Autonomy in Athletic Training Clinical Education
Garet Jeffery, LAT, ATC, Franciscan Alliance

Quality Improvement: Creating a System for Ongoing Evaluation of Students’ Clinical Experiences
Gary Cohen, PhD, LAT, ATC, University of South Florida

Self-Authorship of Masters of Athletic Training Students: A Path Toward Professional Identity Formation
Matthew Rivera, PhD, DAT, LAT, ATC, Indiana State University

The Effect of Collaborative Patient Simulation on SPICE-R Scores of Health Education Students: A Critically Appraised Topic
Amber Melick, DAT, ATC, CAT(C), Concordia University Ann Arbor

Use of Standardized Patient Encounters and Simulation To Teach and Learn About Behavioral/Mental Health in Athletic Training
Kimberly Ward, ATC, Indiana State University

Uses of Simulation and Standardized Patients in Athletic Training Education for Teaching and Evaluation
Kirk Armstrong, EdD, LAT, ATC, James Madison University

Epidemiology and Athletic Training Services, (I, II, IV, V), Advanced

Athletic Training Services in Collegiate Student-Athletes for Acute, Overuse, Time-Loss and Non-Time-Loss Injuries by Gender
SeokJae Choe, LAT, ATC, Oregon State University

Donghyeon Kim, MS, LAT, ATC, University of Connecticut
Incidences of Achilles Tendon Ruptures and Associated Factors in Women’s Artistic Gymnastics
Amanda Hawkes, DAT, LAT, ATC, Southern Utah University

Is Best Practice Always Current Practice? From the NATA COPA Analytics and Outcomes Committee
Kim Barber Foss, PhD, ATC, Emory University

Occupational Stress and Injury History in Career Firefighters
Jennifer Tinsley Kubala, MS, LAT, ATC, University of Kentucky

Patient Perceptions of Psychological and Rehabilitation Experiences After ACL Reconstruction: A Qualitative Study
Caitlin Brinkman, MS, LAT, ATC, University of North Carolina at Chapel Hill

Patient, Treatment and Cost Characteristics Associated With Sport-Related Elbow, Forearm, Wrist and Hand Injuries: A Report from the Athletic Training Practice-Based Research Network
Roberto Ruiz, MA, LAT, ATC, A.T. Still University

School District Poverty Rate Impacts Athletic Training Services in Public Secondary Schools Within the Mid-Atlantic Athletic Trainers’ Association
Amir Defino, LAT, ATC, Korey Stringer Institute

The Association Between Athletic Trainers and Frequency of Pediatric Orthopedic Clinic Visits
Abageal Field, MS, LAT, ATC, Cumberland University

The Frequencies of Injuries Sustained to Elite Fencers During National Competitions During the 2018-19 Season
Alan Freedman, PhD, LAT, ATC, University of Illinois

Utilization of a Free Athletic Training Clinic for University Employees and Students
Cynthia Wright, PhD, LAT, ATC, Whitworth University

Rapid Fire Presentations: 1:15 p.m. – 2:10 p.m.
All Hands on Deck! Emergency Considerations, (I, II, III, IV, V), Essential
1:15 P.M. — 1:22 P.M.
Intro Speaker
Susan Yeargin, PhD, ATC, University of South Carolina

1:22 P.M. — 1:29 P.M.
Frequency of EMS Calls and Surgical Interventions Within College Recreational Sport and Activity Programs
Rebecca Carson, MA, LAT, ATC, University of Central Florida

1:29 P.M. — 1:36 P.M.
Athletic Trainers’ Adherence to American Heart Association CPR Guidelines
Tina Claiborne, PhD, ATC, CSCS, Adrian College

1:36 P.M. — 1:43 P.M.
Risk for Exertional Heat Illness Among New Soldiers: Comparison of Wet Bulb Globe Temperature and Universal Thermal Comfort Index
Josh Kazman, MS, Henry M. Jackson Foundation

1:43 P.M. — 1:50 P.M.
A Traumatic Open Tibial and Closed Fibular Compound Fracture in a Division I Triple Jumper
Kylee Showalter, ATC, University of Oklahoma

1:50 P.M. — 1:57 P.M.
Assessing and Improving AED Maintenance and Access on a College Campus: A Quality Improvement Project
Kelly Pagnotta, PhD, LAT, ATC, Thomas Jefferson University

1:57 P.M. — 2:04 P.M.
Rare Case of Pulmonary Embolism in Division I Football Athlete: Type 4 Case Study
Kelly Kessler, MS, LAT, ATC, West Virginia University

Understanding and Treating The Consequences of Chronic Ankle Instability, (I, II, III, IV), Essential
1:15 P.M. – 1:22 P.M.
Effects of Blood Flow Restriction on Performance During Balance Exercises in Individuals With Chronic Ankle Instability
Krista Clark, MS, LAT, ATC, University of Louisiana at Lafayette

1:22 P.M. – 1:29 P.M.
Cross-Education Effects of Balance Training in Individuals With Chronic Ankle Instability
Ryan McCann, PhD, ATC, CSCS, Old Dominion University

1:29 P.M. – 1:36 P.M.
Effects of Chronic Pain on Lower Extremity Muscle Activation in Individuals With Chronic Ankle Instability
Minsub Oh, MS, ATC, Brigham Young University

1:36 P.M. – 1:43 P.M.
*Winner of the Post-Professional Terminal Degree Student Award Category*
The Optimal Dose of Balance Training for Individuals With Chronic Ankle Instability: A Systematic Review and Meta-Analysis
Sungoon Chung, MS, ATC, Old Dominion University

1:43 P.M. – 1:50 P.M.
*Research Funded by the NATA Foundation*
Transcranial Direct Current Stimulation Over the Motor or Frontal Cortex Does Not Improve Dual Task Reaction Times or Cognitive Performance in Individuals With Chronic Ankle Instability
Mabry Watson, Appalachian State University

1:50 P.M. – 1:57 P.M.
*Research Funded by the NATA Foundation*
Transcranial Direct Current Stimulation With Rehabilitative Exercise Does Not Modify Neural Excitability in Patients With Chronic Ankle Instability
Jose Picado, Appalachian State University

1:57 P.M. – 2:04 P.M.
How Does Intrinsic Foot Muscle Strength and Size Relate to Performance of the Y-Balance Test in Civilians and Servicemembers With Chronic Ankle Instability?
Jennifer Xu, MS, LAT, ATC, CSCS, University of Virginia
Thursday, June 27

Rapid Fire Presentations, 9 a.m. – 9:55 a.m.

Tracking the Score: Unveiling Epidemiological Insights, (I, II), Advanced

9 a.m. – 9:07 a.m.
Intro Speaker
Gary Wilkerson, EdD, ATC, FNATA, University of Tennessee at Chattanooga

9:07 a.m. – 9:14 a.m.
Factors Associated With Second ACL Reconstruction: A Taiwan National Health Insurance Research Database Study
Chien-Chih Liao, National Taiwan Normal University

9:14 a.m. – 9:21 a.m.
Factors Influencing Overuse and Non-Time-Loss Injury Occurrence in Division I Collegiate Athletes
Cathleen Brown Crowell, PhD, ATC, Oregon State University

9:21 a.m. – 9:28 a.m.
*Winner of the Established Career Award Category*
Prevalence and Diagnosis Status of Non-Sport-Related Concussions in a Sample of High School, College and Professional Athletes
Johna Register-Mihalik, PhD, LAT, ATC, FNATA, University of North Carolina at Chapel Hill

9:28 a.m. – 9:35 a.m.
Incidence and Characteristics of Shoulder Injuries Before and After the Implementation of the Targeting Rule in American High School Football
Karen Roos, PhD, ATC, PT, California State University at Long Beach

9:35 a.m. – 9:42 a.m.
Epidemiology of Thigh Injuries in NCAA Men’s and Women’s Soccer: 2009-10 to 2018-19
Adrian Boltz, MSH, Datalys Center for Sports Injury Research and Prevention
9:42 A.M. — 9:49 A.M.
Epidemiology of Soft-Tissue Lower Extremity Injuries in NCAA Field Sports: 2009-10 to 2018-19
Neel Rao, MPH, Datalys Center for Sports Injury Research and Prevention

Reevaluating Clinical Recovery After Concussion, (I, II), Advanced

9 A.M. — 9:07 A.M.
Post-Concussion Daily Naturalistic Driving Behavior Throughout Concussion Recovery
Kumiko Hashida, PhD, ATC, University of Georgia

9:07 A.M. — 9:14 A.M.
The Role of Acute Dizziness as a Predictor of Recovery From Concussion in Collegiate Athletes
Claire Akard, University of Virginia

9:14 A.M. — 9:21 A.M.
The Influence of Kinesiophobia on Days Until Symptom Free in Collegiate Athletes With Concussion
Daniel Rosenblum, MEd, ATC, University of Virginia

9:21 A.M. — 9:28 A.M.
Test-Retest Reliability and Minimal Detectable Change of an Ecologically Valid Return-to-Activity Evaluation: The Functional Assessment of Neurocognition in Sport
Landon Lempke, PhD, ATC, Virginia Commonwealth University

9:28 A.M. — 9:35 A.M.
Persisting Deficits in Clinical Measures of Concussion in Collegiate Athletes Who Achieve Symptom Resolution at Rest
Emma Schwartz, University of Virginia

9:35 A.M. — 9:42 A.M.
Baseline Sleep Behavior Is a Modifier of Recovery Following Concussion in Collegiate Athletes
Ruby Calhoun, University of Virginia
9:42 a.m. — 9:49 a.m.
Known-Groups Validity of the SWAY Balance Mobile Application Inspection Time Test To Detect Mild Traumatic Brain Injury
Erin Florkiewicz, PhD, LAT, ATC, Rocky Mountain University of Health Professions

Beyond the Finish Line: Addressing Social Determinants of Health and Boosting Health Literacy in Athletic Training, (I, II, IV, V), ADVANCED

9 a.m. — 9:07 a.m.
Professional Program Faculty Experiences Integrating Patient-Centered Care Topics into Athletic Training Curriculums
Kimberly Calvert, EdD, LAT, ATC, University of Wisconsin Oshkosh

9:07 a.m. — 9:14 a.m.
Differences in Patient-Reported Outcomes Across Social Determinants of Health For People With Ankle Sprain History
Johanna Hoch, PhD, ATC, MPH, University of Kentucky

9:14 a.m. — 9:21 a.m.
The Influence of Web-Based Continuing Education Specific to Documentation on Clinical Practice Behavior Changes: A Six-Month Follow-Up Investigation
Cailee Welch Bacon, PhD, ATC, FNATA, A.T. Still University

9:21 a.m. — 9:28 a.m.
*Research Funded by the NATA Foundation*
Social Determinants of Health and Concussion Care Seeking in Secondary School Athletes: A Preliminary Analysis
Michelle Weber Rawlins, PhD, ATC, San Diego State University

9:28 a.m. — 9:35 a.m.
Health Literacy Disparities and Required Concussion Education Among Adolescents in Rural and Urban Communities
Makyra Ross, University of Alabama

9:35 a.m. — 9:42 a.m.
Access to Athletic Training Services in U.S. Public High Schools Based on Socioeconomic Status and Race/Ethnicity Demographics
Adrienne Willis, DAT, LAT, ATC, Indiana State University
9:42 A.M. — 9:49 A.M.
Exploring Educational Opportunities Related to Social Determinants of Health Provided by Professional Graduate Athletic Training Programs
Bailey Jones, PhD, ATC, A.T. Still University

Poster Presentations: 9 A.M. — 9:55 A.M.
Associations Among Neuromechanics and Lower Extremity Injuries, (I, II, IV), Advanced

Association of Hamstring Muscle Architecture and Strength in Adolescent Female Basketball Athletes
Hsin-Min Wang, PhD, National Changhua University of Education

Brain Activity Associated With Quadriceps Strength Improvement From Six Weeks to Return-to-Activity Following Anterior Cruciate Ligament Reconstruction
Amber Schnittjer, MS, ATC, Ohio University

Changes in Movement Efficiency and Lower Body Strength Among Firefighters
Joel Luedke, MS, LAT, ATC, Mayo Clinic Health System

Cutaneous Reflex Modulation of the Peroneus Longus During Rhythmic Sidestepping in Subjects With and Without Chronic Ankle Instability
Tyler King, MS, LAT, ATC, Orthopedic Associates of Wisconsin

Deficits in Time-to-Boundary Measures During Dynamic Task With Chronic Ankle Instability
Jiho Kang, MS, University of Nebraska at Omaha

*Research Funded by the NATA Foundation*
Functional Implications of Neurocognitive Profiles in Individuals With ACL Reconstruction
Justin Rush, PhD, ATC, Ohio University

Inter-Limb Symmetry in Hip and Knee Neuromuscular Function in Females With Unilateral and Bilateral Patellofemoral Pain
Sungwan Kim, MS, ATC, University of Connecticut

Quadriceps Endurance in Individuals With and Without Patellofemoral Pain
Ke Xu, MS, LAT, ATC, Ohio State University
Quadriceps Strength Outcomes in Individuals Several Years Post-ACL Reconstruction
Meredith Decker, PhD, LAT, ATC, University of Texas at Arlington

Quadriceps Strength Symmetry Influences Movement Generation During Single Leg Hop Performance Among Individuals With ACL Reconstruction
Grant Norte, PhD, ATC, University of Central Florida

Quadriceps Torque Output of the Uninjured Limb Similar to the Injured Limb at Three Months Post-ACLR and Outpaced by Injured Limb Through First 12 Months
Jennifer Hogg, PhD, ATC, University of Tennessee at Chattanooga

Outcome Measures and Assessment Tools, (I, II, IV, V), Advanced

Assessing Ankle Eversion and Dorsiflexion Strength in Individuals With Chronic Ankle Instability Using a Handheld Dynamometer With External Fixation: A Reliability Study
John Goetschius, PhD, LAT, ATC, James Madison University

Biomechanical Analysis of the Army Combat Fitness Test Standing Power Throw
Jennifer Earl-Boehm, PhD, ATC, FNATA, University of Wisconsin at Milwaukee

Changes in the Medial Joint Gap and Medial Collateral Ligament Widths During the Anterior Medial Rotation Test
Bobby Canterbury, Marshall University

Madison McWethy, MS, ATC, University of Toledo

Collegiate Athletic Trainers’ Assessment of Health Literacy and Delivery of Patient Education
Elizabeth Neil, PhD, LAT, ATC, Temple University

Comparison of RED-S and Triad Injury Risk Assessment Tools: A Critically Appraised Topic
Sarah Seitz, DAT, LAT, ATC, Temple University
Consistency in Patient-Reported Outcomes Survey Response
Madeline Beck, Marshall University

Content Validation of the Satisfaction With Athletic Health Care Services Survey
Dawn Stuckey, DAT, A.T. Still University

Pelvic Rotation and Overhead Deep Squat Tests Predict Titleist Performance Institute Screen Composite Score
Andrew Skibski, MS, ATC, CSCS, University of Central Florida

*Winner of the Post-Professional Advanced Clinical Track Student Award Category*
Reliability and Validity of Hip and Thigh Muscle Strength Assessment Using Low-Cost Tension Dynamometers
David Jacques, MS, ATC, University of Toledo

Translation and Cultural Adaptation of a Traditional Chinese Short Version of the Anterior Cruciate Ligament Return to Sport After Injury Scale
Yun-Shan Han, National Taiwan Normal University

Validation of a Stability Test Using a Cross-Line Laser in Individuals With Chronic Ankle Instability
Madison Swails, MS, ATC, University of North Carolina at Charlotte

Therapeutic Exercise and Modalities, (II, IV), Advanced

Credibility and Expectancy of Core Exercise Therapy for Treating Nonspecific Low Back Pain
Luk Devorski, PhD, ATC, Saint Joseph's University

Does Extended Reality Intervention Improve Patient-Rated Outcomes in Musculoskeletal Injuries Compared to Traditional Intervention? A Critically Appraised Topic
Jihyun Oh, ATC, Missouri State University

Effectiveness of Traction for the Treatment of Low Back Pain: A Critically Appraised Topic
Emily Rigden, Xavier University

Effects of Self-Administered Gait Retraining on Running Biomechanics and Compliance
Erin Lally, PhD, LAT, ATC, Texas State University
Influence of Blood Flow Restriction Therapy on Quadriceps Weakness in Females Post-Anterior Cruciate Ligament Reconstruction: A Randomized Pilot Study
Stephanie Stephens, PhD, LAT, ATC, Plymouth State University

Serial Effects of Repeated Hip Mobilizations With Movements Versus Self-Mobilizations in Individuals With Limited Hip Mobility
Joshua Proffitt, LAT, ATC, Indiana State University

The Effect of Isopropyl Alcohol Versus Exfoliating Soap and Water on Skin Impedance
Autumn Johnson, Southern Utah University

The Effect of Physical Activity on Symptoms Associated With Premenstrual Syndrome: A Critically Appraised Topic
Lacey Harris, DAT, LAT, ATC, Roger Williams University

Therapeutic Dry Cupping Induces Mechanical Changes in Underlying Soft Tissues
Rachel Geoghegan, DAT, LAT, ATC, A.T. Still University

Rapid Fire Presentations: 10:25 A.M. — 11:20 A.M.
Protect Those Who Protect Us: Military Injuries, (I, II), Advanced

10:25 A.M. — 10:32 A.M.
Intro Speaker
Earl Ware, MEd, ATC, CSCS, Naval Special Warfare Group FOUR

10:32 A.M. — 10:39 A.M.
Mental Toughness and Future Lower Extremity Musculoskeletal Injury Risk in U.S. Army Soldiers
Megan Roach, PhD, ATC, Womack Army Medical Center

10:39 A.M. — 10:46 A.M.
Relationship Between Single-Leg Memory Hop Distance and Maximum Vertical Jump Height in Healthy U.S. Marines
Nicole Heimark, MS, LAT, ATC, Leidos-Naval Health Research Center
10:46 A.M. — 10:53 A.M.
Implementing a Direct Access Care Model To Mitigate Injuries in Career Firefighters: A Retrospective Analysis
Susannah Reiner, PhD, CSCS, EP-C, University of Kentucky

10:53 A.M. — 11 A.M.
Influence of Military Training and Recent Musculoskeletal Injury on Movement Patterns
Sarah de la Motte, PhD, MPH, ATC, Uniformed Services University

11 A.M. — 11:07 A.M.
Associations Between Motivation and Care-Seeking For Musculoskeletal Injuries and Pain Among U.S. Marine Corp Officers in Training
Corey Pegues, MS, ATC, Uniformed Services University

11:07 A.M. — 11:14 A.M.
Assessment of ROTC Cadet Performance Capabilities From Immersive Virtual Reality Metrics and Survey Responses
Marisa Colston, PhD, LAT, ATC, University of Tennessee at Chattanooga

Keeping Cool in the Heat of Summer, (I, II, III, V), Advanced

10:25 A.M. — 10:32 A.M.
Exertional Heatstroke Survivors’ Knowledge and Beliefs About Exertional Heatstroke Diagnosis, Treatment and Return-to-Play
Kevin Miller, PhD, LAT, ATC, FNATA, Texas State University at San Marcos

10:32 A.M. — 10:39 A.M.
Comparing On-Site Wet Bulb Globe Temperature Measurements With Phone Application Estimates and Their Influence on High School Sports Activity Modification
Susan Yeargin, PhD, ATC, University of South Carolina

10:39 A.M. — 10:46 A.M.
The Effect of Body Cooling on Physiological Responses and Productivity Outcomes During Simulated Occupational Work in the Heat
Cecilia Kaufman, MS, LAT, ATC, University of Connecticut
10:46 A.M. — 10:53 A.M.
Perceptual Heat Strain and Environmental Symptoms Across Three Consecutive Days of Heat Stress
Riana Pryor, PhD, ATC, University at Buffalo

10:53 A.M. — 11 A.M.
Body Bag Cooling Effectiveness on Treating Exertional Hyperthermia
Diane Zashin, University of Arkansas

11 A.M. — 11:07 A.M.
Exertional Heat Stroke Management: An Analysis of Recommendations From Professional Organizations
Aleksis Grace, MS, LAT, ATC, University of Connecticut

11:07 A.M. — 11:14 A.M.
Perceptions of Collegiate Marching Band Artists Completing a Heat Acclimatization Protocol
Haley Liptrap, ATC, University of South Carolina

Understanding the Complexities of the Upper Extremity: A Case Study Session, (II, IV), Advanced

10:25 A.M. — 10:32 A.M.
*Winner of the Early Career Award Category*
Carpometacarpal Bossing in a Collegiate Baseball Player: A Case Report
Laurel Trail, MPA, LAT, ATC, UT Health East Texas

10:32 A.M. — 10:39 A.M.
Anterior Bundle of Ulnar Collateral Ligament Tears Beyond the Pitcher’s Mound - A Football Player’s Paradox: A Level 3 Clinical Case Study
Justin Hughes, Kean University

10:39 A.M. — 10:46 A.M.
Lacertus Syndrome in a Collegiate Division II Men’s Tennis Athlete: A Level 4 Case Report
Lauren Richardson, University of South Florida

10:46 A.M. — 10:53 A.M.
Parsonage-Turner Syndrome in Collegiate Football Athlete: A Case Study
Sawyer Hunt, MS, LAT, ATC, University of Michigan
10:53 A.M. — 11 A.M.
Redefining Stability: Solving Posterior Shoulder Instability With Distal Tibial Allograft: Type 3 Case Study
Kendall Couch, MS, LAT, ATC, The Steadman Clinic

11 A.M. — 11:07 A.M.
Anterior Shoulder Instability With A Distal Tibial Allograft: A Level 3 Clinical Case Study
Brendan Czarnecki, LAT, ATC, The Steadman Clinic

11:07 A.M. — 11:14 A.M.
Entrapment of the Suprascapular Nerve at the Suprascapular Notch With a Parsonage-Turner Presentation: Type 4 Clinical Case Study
Nicholas Sume, Marist College

Poster Presentations: 11:25 a.m. — 12:20 p.m.
Concussion: Assessments, Impact and Treatment, (I, II, IV, V), Advanced

Assessment and Training of Perceptual-Motor Function in College Wrestlers With and Without a History of Concussion
Shellie Acocello, PhD, ATC, University Of Tennessee at Chattanooga

Association Between Kinesiophobia and Concussion Assessment Battery Scores at Return-to-Play After Concussion
Thomas Prato, MS, ATC, University of Georgia

Association Between Sociodemographic Factors and Vestibular Ocular Motor Screening Baseline Performance in Young Adults
Brittany Ingram, MA, LAT, ATC, University of North Carolina at Chapel Hill

*Research Funded by the NATA Foundation*

Collegiate Athletes Social Determinants of Health and Concussion Seeking Care: A Preliminary Analysis
Kelsey Picha, PhD, ATC, A.T. Still University

Depression After Sport-Related Concussion in Adolescent and Collegiate Athletes: A Partly Cloudy Forecast: A Critically Appraised Topic
Sophia Testani, Ithaca College
Differences in Jump-Landing Mechanics Between Individuals With and Without a History of Concussion on a Clinical Assessment
Tsung-Yeh Chou, MS, LAT, ATC, University of Delaware

Evaluation of Kinesiophobia Following Sport-Related Concussion in Collegiate Athletes Until Symptom Resolution at Rest
Otto Gerstl Di Francesco, University of Virginia

Exploring Perceived Barriers and Support When Responding to Social Determinants of Health in Concussion Management Among Athletic Trainers
Empris Smith, University of Lynchburg

*Winner of the Pre-Professional/Professional Student Award Category*
*Research Funded by the NATA Foundation*
Impact Mitigation Properties of Youth and Adult Ice Hockey Helmets
Sara Escobar, University of Lynchburg

Reaction Time Assessment Using the SWAY Balance Application in Military Service Academy Cadets Recovering from Mild Traumatic Brain Injury: A Prospective Case-Control Study
Paige McHenry, MS, LAT, ATC, The Geneva Foundation

Same Goal, Different Challenges: Differences in Secondary School and Collegiate Athletic Trainers’ Barriers To Improving Concussion Symptom Disclosure
Julia Drattell, MEd, LAT, ATC, University of Georgia

The Association Between Sleep Duration and Computerized Neurocognitive Assessment Composite Scores at Baseline and Post-Concussion in U.S. Service Academy Cadets
Michael Aderman, MS, ATC, Geneva Foundation

Time to Return to Sports Participation After Sports-Related Concussion in Middle School Athletes
Samantha Hacherl, MS, LAT, ATC, George Mason University

The Role of Pre- and Post-Injury Anxiety on Exercise Tolerance and Autonomic Dysregulation Following Concussion
Aaron Zynda, PhD, CCRP, University of Pittsburgh

The Influence of Fatigue on the Magnitude and Limb-Asymmetry in Ground Impact During Double Leg Jump Landings in Individuals With and Without Concussion History
Yan-Long Chen, MS, National Taiwan Normal University
HEALTH CARE ADMINISTRATION AND PROFESSIONAL DEVELOPMENT, (I, II, V), ADVANCED

A QUALITATIVE ANALYSIS OF CAREER LONGEVITY IN ATHLETIC TRAINING
Christina Roeckl-Navazio, MS, LAT, ATC, University of California at Berkeley

ADDRESSING BARRIERS TO BLACK MEN ENTERING THE ATHLETIC TRAINING PROFESSION
Sean Glover, MS, SCAT, ATC, University of South Carolina

ATHLETIC TRAINERS’ BELIEFS REGARDING PROFESSIONALISM
Dani Moffit, PhD, LAT, ATC, FNAP, Idaho State University

ATHLETIC TRAINERS’ CONFIDENCE AND PREPAREDNESS RECOGNIZING AND RESPONDING TO SOCIAL DETERMINANTS OF HEALTH NEEDS AMONG PATIENTS
Adrienne Fletcher, ACSM, University of Connecticut

ATHLETIC TRAINERS’ DELIVERY OF PATIENT-CENTERED CARE IN THE PHYSICIAN PRACTICE SETTING
Alicia Mitchell, MS, ATC, University of South Carolina

ATHLETIC TRAINERS’ EXPERIENCE, KNOWLEDGE AND CONFIDENCE TREATING PATIENTS WHO ARE DEAF OR HARD OF HEARING
Carolina Quintana, PhD, ATC, University of Kansas Medical Center

ATHLETIC TRAINING STUDENT DEBT: A LOOK AT PAYMENT AND COST CONTAINMENT STRATEGIES
Brian Hatzel, PhD, ATC, Grand Valley State University

BARRIERS AND FACILITATORS OF PHYSICAL ACTIVITY: EXPERIENCES OF RACIALLY MARGINALIZED GIRLS LIVING IN A LOW-SOCIOECONOMIC COMMUNITY
Emma Zuk, PhD, ATC, University of Connecticut

CONFLICT MANAGEMENT IN ATHLETIC TRAINING: THE ROLE OF SOCIAL CAPITAL AND SWIFT TRUST IN STABLE AND TRANSIENT CONTEXTS
Charles Emerson, MS, ATC, SCAT, Prisma Health

DOES STUDENT LOAN DEBT IMPACT THE ACHIEVEMENT OF LIFE MILESTONES AMONG ATHLETIC TRAINERS?
Gianluca Del Rossi, PhD, ATC, Creighton University
Educational Strategies Athletic Trainers Use for Health Literacy Assessment and Patient Education
Stephanie Toubman, MAT, LAT, ATC, Indiana State University

Emergency Action Planning for NCAA Division I Rowing: An Examination of Current Practices
Hannah Heller, MS, AT, ATC, Adrian College

Emotional Resilience as a Mitigating Factor to Workaholism and Burnout Among Athletic Trainers in the Collegiate Setting
Bethany Rohl, MEd, LAT, ATC, Northern Illinois University

Factors Influencing Athletic Trainers Intention To Leave Their Employing Organization
Justin Young, DAT, LAT, ATC, Indiana State University

Factors Influencing Athletic Trainers Intentions to Leave the Profession
Michael Monahan, LAT, ATC, Pivot Health Solutions

Factors That Impact Time to Athletic Trainer Evaluation Following Acute Injury Among High School Athletes: A Report From the Athletic Training Practice-Based Research Network
Madison Renner, MS, LAT, ATC, University of Wisconsin at Madison

How Do Athletic Trainers Learn Clinical Documentation? Athletic Trainer, Supervisor and Educators’ Perspectives
Sara Nottingham, EdD, LAT, ATC, University of New Mexico

How Do We Compare? Athletic Trainers’ Perceptions of Occupational Prestige in Athletic Training, Physical Therapy and Occupational Therapy
Kelly Coleman, PhD, LAT, ATC, Southern Connecticut State University

How Secondary School Athletic Trainers Attempt to Overcome Barriers Associated With Social Determinants of Health
Stephanie Adler, MS, LAT, ATC, University of Wisconsin at Madison

Initial Development and Validation of the Perception of Quality Patient Care Scale among Collegiate Athletic Trainers.
Alexandrya Cairns, ATC, Eastern Connecticut State University

Minority Students’ Perception of Athletic Training Programs Recruitment and Retention Strategies
Jasmin DeBerry, MS, LAT, ATC, Ohio State University
Organizational Culture and Job Satisfaction in Athletic Training Program Preceptors
Lindsey Schroeder, EdD, LAT, ATC, University of North Carolina at Wilmington

Partly Cloudy: Forecasting Public Evidence of Mental Health Best Practices in the Sun Belt Conference
Jordynn Hellinger, Appalachian State University

Supervisor Authority and Its Impacts on Equity, Diversity and Inclusion in Athletic Training
Taylin Jean, LAT ATC, Indiana State University

The Relationship of Emotional Intelligence to Burnout and Related Factors in Health Care Profession Students
Molly Taylor, MS, LAT, ATC, University of Kentucky

The Sociocultural Structures That Impact Women Athletic Trainers’ Experiences in the Workplace
Jessica Mitro, PhD, LAT, ATC, George Mason University

*Research Funded by the NATA Foundation*
Who Serves Those Who Serve? The Availability of Athletic Trainers in Reserve Officers’ Training Corps Programs
Corinne Carbone, MS, LAT, ATC, Westborough High School

Women Athletic Training Business Owners: A Narrative Case Series
Amy Curry, LAT, ATC, Indiana State University

Differences in Mental Health Scores Among Collegiate Student-Athletes Utilizing University-Sponsored Mental Health Services
Melissa Kossman, PhD, LAT, ATC, University of Southern Mississippi

Friday, June 28

Rapid Fire Presentations, 9 a.m. — 9:55 a.m.
Joint Ventures: Exploring Strategies for Optimal Lower Extremity Joint Health, (I, IV), Essential

9 a.m. — 9:07 a.m.
Intro Speaker
Kyle Kosik, PhD, ATC, University of Kentucky
9:07 a.m. — 9:14 a.m.
Rebecca Hartnett, DAT, MEd, LAT, ATC, South Lakes High School

9:14 a.m. — 9:21 a.m.
Associations Between Ankle Compressive Joint Contact Force and Structural Changes in Those With Chronic Ankle Instability
Jaeho Jang, PhD, ATC, CSCS, University of Texas at El Paso

9:21 a.m. — 9:28 a.m.
*Research Funded by the NATA Foundation*
Associations Between Walking Biomechanics and Talar Cartilage Behavior Following Loading in Individuals With Chronic Ankle Instability
Raed Alamri, MS, University of North Carolina at Chapel Hill

9:28 a.m. — 9:35 a.m.
*Research Funded by the NATA Foundation*
Associations Between Clinical Dynamic Balance and Talar and Subtalar Cartilage Composition in Those With Chronic Ankle Instability
Serkan Uzlasir, PhD, University of North Carolina at Chapel Hill

9:35 a.m. — 9:42 a.m.
*Research Funded by the NATA Foundation*
Associations Between T1ρ MRI and Ultrasound-Based Measures of Cartilage Health in Those With Chronic Ankle Instability
Erik Wikstrom, PhD, LAT, ATC, University of North Carolina at Chapel Hill

9:42 a.m. — 9:49 a.m.
Changes in Cartilage Composition Post-ACL Reconstruction After a Daily Step Promotion Intervention: A Pilot Study
Caroline Lisee, PhD, ATC, University of Georgia

The Fountain of Youth: From Pathologies to Prevention, (I, II, IV), Advanced

9 a.m. — 9:07 a.m.
Youth Athletes With Sever’s Disease Exhibit Altered Achilles Tendon Morphology
Shawn Hanlon, PhD, ATC, CSCS, University of Colorado
9:07 A.M. — 9:14 A.M.
Adolescent Running Biomechanics Relationships With Musculotendinous Characteristics and Prospective Adaptations
Alexandr DeJong Lempke, PhD, ATC, Virginia Commonwealth University

9:14 A.M. — 9:21 A.M.
Collegiate Coaches' Perceptions of Youth Sport Specialization's Impacts on Sport Performance
Emily Srygler, LAT, ATC, University of Wisconsin at Madison

9:21 A.M. — 9:28 A.M.
Dual Ankle Sprain in a Youth Soccer Player: Level 3 Case Study
Christian Torres, Florida International University

9:28 A.M. — 9:35 A.M.
The Association of Previous Youth Tackle Football Participation With the Incidence of Concussions in High School Football Players
Timothy McGuine, PhD, LAT, ATC, University of Wisconsin

9:35 A.M. — 9:42 A.M.
A Simple Factor Structure Defines the Dimensions of the Concussion Quality of Life: Youth Patient-Report Outcome Measure
Tamara Valovich McLeod, PhD, ATC, FNATA, A.T. Still University

9:42 A.M. — 9:49 A.M.
Beyond the Usual Suspects: Unraveling Overlapping Spinal Pathologies in a Young Athlete: A Type 4 Case Study
Brandie Martin, MS, LAT, ATC, The Steadman Clinic

Rapid Fire Presentations: 10:25 A.M. — 11:20 A.M.
Improving Patient Outcomes Following Lower Extremity Injury, (I, II, IV, V), Advanced

10:25 A.M. — 10:32 A.M.
Kinesiophobia in Collegiate Athletes and Non-Athletes With and Without Chronic Ankle Instability
Nadia Perez, MS, LAT, ATC, Texas State University
10:32 A.M. — 10:39 A.M.
Relationships Between General and Ankle-Specific Self-Efficacy and Patient-Reported Outcomes in Individuals With Chronic Ankle Instability
Bridget Walsh, MS, ATC, University of Kentucky

10:39 A.M. — 10:46 A.M.
Constructs of Pain Catastrophizing are Associated With Knee Pain Severity in Individuals With ACL Reconstruction
Francesca Genoese, MS, LAT, ATC, Michigan State University

10:46 A.M. — 10:53 A.M.
Kinesiophobia Associates With Lower Extremity Landing Biomechanics in Individuals With ACL Reconstruction
Alyssa Volz, MS, ATC, University of Toledo

10:53 A.M. — 11 A.M.
Sex Differences in the Relationships Between Hip Torque and Squatting Kinematics in Individuals With Patellofemoral Pain
Neal Glaviano, PhD, ATC, University of Connecticut

11 A.M. — 11:07 A.M.
Test-Retest Reliability and Concurrent Validity of Daily Athlete Health Surveys in Collegiate Athletes
Brett Pexa, PhD, LAT, ATC, High Point University

11:07 A.M. — 11:14 A.M.
*Research Funded by the NATA Foundation*
Patient-Reported Function in Patients With Chronic Ankle Instability Improves Following Rehabilitation Regardless of Transcranial Direct Current Stimulation Intervention
Kassidy Everhart, Appalachian State University

Optimizing the Assessment and Treatment of the Overhead Athlete, (I, II, IV), Advanced

10:25 A.M. — 10:32 A.M.
Intro Speaker
Stephen Thomas, PhD, ATC, Thomas Jefferson University
10:32 A.M. — 10:39 A.M.
The Bilateral Shoulder Range of Motion and Association With Acromio-Humeral Distance in Young Male Volleyball Players
Te-Jou Sha, MS, National Changhua University of Education

10:39 A.M. — 10:46 A.M.
A Comparison of Neck Function in Collegiate Volleyball Players and Healthy College Females
Richard Boergers, PhD, ATC, Seton Hall University

10:46 A.M. — 10:53 A.M.
*Research Funded by the NATA Foundation*
Effects of Eight-Week Core Exercise Program on Trunk and Lumbopelvic Muscle Function and Baseball Pitching Biomechanics
Sakiko Oyama, PhD, ATC, University of Texas at San Antonio

10:53 A.M. — 11 A.M.
*Research Funded by the NATA Foundation*
Neck Mobility In Healthy College Baseball Pitchers: A Descriptive Analysis
Laurie Devaney, MSPT, PhD, ATC, University of Connecticut

11 A.M. — 11:07 A.M.
Comparing Clinical and Biomechanical Variables Based on KJOC Scores in High School and College Baseball Pitchers
Tomohiro Ide, ATC, University of Nebraska

11:07 A.M. — 11:14 A.M.
Infraspinatus Atrophy Due to Suprascapular Cyst in Elite Men's Volleyball Athlete
Jillian Zerbe, MS, SCAT, ATC, University of South Carolina

Rapid Fire Presentations, 12:15 p.m. — 1:10 p.m.
Understanding the Complexities of the Lower Extremity: A Case Study Session, (II, IV), Advanced

12:15 p.m. — 12:22 p.m.
Achilles Tendon Rupture in an International Collegiate Long Jumper: Type 3 Case Study
Maddie Wagoner, ATC, Idaho State University
12:22 P.M. — 12:29 P.M.
Atypical Return-to-Play With a Grade 1 Tibial Tubercle Avulsion Fracture: Level 2 Case Study
Cosette Calzadilla, Florida International University

12:29 P.M. — 12:36 P.M.
Stener-Like Lesion of the Superficial Medial Collateral Ligament With Associated Anterior Cruciate Ligament Tear of the Knee Following a High-Grade Pivot-Shift Mechanism in a High School Football Athlete: A Case Report
Scott Freer, PhD, LAT, ATC, CSCS, Palmer Trinity School

12:36 P.M. — 12:43 P.M.
Enchondroma in a Collegiate Division II Women’s Acrobatics and Tumbling Athlete: A Level 4 Case Study
Rebekah Minter, University of South Florida

12:43 P.M. — 12:50 P.M.
Diagnosis and Management of Femoral Stress Fracture in an NCAA Division I Football Athlete: A Level 3 Case Study
Alexandra Fiankan, Michigan State University

12:50 P.M. — 12:57 P.M.
Knee Dislocation Resulting in ACL, PCL, and LCL Tear and Peroneal Neuropraxia in a Minor League Baseball Player: Type 3 Case Study
Haley Berry, MS, LAT, ATC, The Steadman Clinic

12:57 P.M. — 1:04 P.M.
Management of an Acetabular Fracture and Associated Labral Tear in a Division I Collegiate Track and Field Athlete: A Level 4 Case Study
Shane Fitzpatrick, MS, LAT, ATC, University of Oklahoma

Rapid Fire Presentations, 1:40 P.M. — 2:35 P.M.
After the Return: Beyond Clinical Recovery From Concussion, (I, II), Advanced

1:40 P.M. — 1:47 P.M.
Concussion Alters Lower Extremity Muscle Activity During Static Balance Assessments
Tyler Wood, PhD, LAT, ATC, Northern Illinois University
1:47 P.M. — 1:54 P.M.
Prospective Associations of Sport-Related Concussion History and Virtual Reality Metrics With Core or Lower Extremity Sprain or Strain Among High School Athletes
Lynette Carlson, DHSc, LAT, ATC, University Of Tennessee at Chattanooga

1:54 P.M. — 2:01 P.M.
Associations of Age at First Concussion and Sex With Long-Term Mood-Related Outcomes in Active-Duty and Veteran Military Service Members
Samuel Walton, PhD, ATC, Virginia Commonwealth University

2:01 P.M. — 2:08 P.M.
Evaluating the Effects of Concussions Across a Collegiate Career: Preliminary Findings From the Concussion Assessment, Research and Education Consortium
Allyssa Memmini, PhD, ATC, University of New Mexico

2:08 P.M. — 2:15 P.M.
Balance Performance Under Single-and Dual-Task Conditions Using A Mobile Application
Kyle Petit, PhD, LAT, ATC, University of Wisconsin Oshkosh

2:15 P.M. — 2:22 P.M.
The Influence of Concussion History on Symptom Provocation During the Vestibular-Ocular Motor Screen in Healthy Collegiate Athletes
Tessa Fedewa, University of Virginia

2:22 P.M. — 2:29 P.M.
Influence of Sex on the Relationship Between Concussion and Acute Upper Extremity Musculoskeletal Injury
Katelyn Ward, MS, ATC, The Geneva Foundation