



# FREE COMMUNICATIONS PRESENTATIONS

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 AM

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 AM

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 AM

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 AM

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 AM

LIMB LOADING AND QUADRICEPS STRENGTH RECOVERY AFTER ACL RECONSTRUCTION  
Amelia Bruce Leicht, PhD, CSCS, University of Kentucky

10:35 A.M. – 10:42 AM

*\*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 AM

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 AM

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 AM

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 AM

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 AM

*\*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 AM

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 AM

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 AM

COMPARISON OF PERCEIVED VERSUS ACTUAL ABILITY LEVEL IN ELITE ATHLETES USING A SPORT-SPECIFIC TASK

David Quammen, MEd, 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**

Jalayah 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

*HEALTH AND MENTAL HEALTH, (I, II, IV), ADVANCED*

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 AM

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 AM

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 AM

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 AM

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 AM

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 AM

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 AM

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

EVOLUTION OF ATHLETIC TRAINING SERVICES IN US SECONDARY SCHOOLS: A COMPREHENSIVE FIVE-YEAR ANALYSIS (2018-19 TO 2022-23)

Donghyeon Kim, MS, LAT, ATC, University of Connecticut

**INCIDENCE 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**

Abaigeal 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

**COGNITIVE-MOTOR DUAL-TASK PERFORMANCE OF THE LANDING ERROR SCORING SYSTEM: A CLINICAL MODEL**

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 NON-SPECIFIC 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.

THE EFFECT OF GENERALIZED VERSUS INDIVIDUALIZED REHABILITATION ON PAIN REDUCTION IN PATIENTS WITH PATELLOFEMORAL PAIN SYNDROME: A CRITICALLY APPRAISED TOPIC

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 T1 $\rho$  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

Alexandra 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.

INFRA SPINATUS 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