



**NATA**

NATIONAL ATHLETIC TRAINERS' ASSOCIATION  
71ST NATA CLINICAL SYMPOSIA & AT EXPO  
JUNE 17-20 • 2020 • ATLANTA, GA

**ACTION**

**IN HEALTH CARE**

*PRELIMINARY PROGRAM*

# NATA 2020 Schedule

SCHEDULE IS SUBJECT TO CHANGE.

## LEARNING FORMATS

### FIVE DOMAINS OF ATHLETIC TRAINING

See the Roman numeral in parentheses at the end of title? That's the athletic training domain for that presentation. Refer to the legend below to determine the domain for the presentations that interest you!

- I. Injury/Illness Prevention and Wellness Protection
- II. Clinical Evaluation and Diagnosis
- III. Immediate and Emergency Care
- IV. Treatment and Rehabilitation
- V. Organizational and Professional Health and Well-being

## SYMBOLS

### LEVELS



ESSENTIAL



ADVANCED



MASTERY

### THEMES



MOTOR CONTROL/  
MOTOR LEARNING



TRAINING LOAD



HEAT



BIOMETRICS/ANALYTICS

## WEDNESDAY, JUNE 17, 2020

### Advanced Track Seminars, 8 a.m. - 12 p.m.

- Utilization of Virtual Reality in Post-Concussive Rehabilitation: Timing, Dosing and Appropriateness, (IV)

Rebecca Bliss, DPT, DHSc, University of Missouri

### Phlebotomy Techniques in Athletic Training: Drawing for Conclusions

Jacob Resch, PhD, ATC, University of Virginia

### Advanced Track Seminars, 8 a.m. - 3 p.m.

- Manual Therapy Techniques for the Management of Lateral Ankle Sprains, (II, IV)

Brian Farr, MA, ATC, CSCS, University of Texas at Austin

- Sports Medicine Approach to Manual Therapy, (II, IV)

Larry Munger, PhD, ATC, CSCS, Texas Tech University Health Sciences Center

### Minicourses, 3 p.m. - 4 p.m.

- Mental Skills Modalities for Performance Optimization, (I, II, IV)

Traci Statler, PhD, CMPC, CSCS, California State University at Fullerton

- Stability and Mobility: Training Intrinsic Foot Muscles, (I, IV)

Katherine Newsham, PhD, ATC, Saint Louis University

- Sleep and Athletic Performance, (I)

Chris Bach, PhD, CSCS, University of Nebraska at Lincoln

## Minicourses, 4:15 p.m. - 5:15 p.m.

### **E** Instrument Assisted Soft-Tissue Mobilization: New Research and Updated Clinical Standards, (I, II, IV)

Scott Cheatham, PhD, DPT, ATC, California State University at Dominguez Hills

### **A** Is the Juice Worth the Stick? Clinical Applications of Phlebotomy in Athletic Training, (II, III, IV)

Jacob Resch, PhD, ATC, University of Virginia

### **A** Benchmarking Your Organization's Critical Incident Response Plan and What Is Your Role as an Athletic Trainer?, (I, III, V)

Ray Castle, PhD, LAT, ATC, Louisiana State University

## Minicourse, 5:30 p.m. - 6:30 p.m.

### **A** Effective Precooling Techniques to Prevent Heat Illness and Enhance Athletic Performance, (I)

Kevin Miller, PhD, AT, ATC, Central Michigan University

### **A** Concussion Monitoring for Medical Observers in Sport

Rod Walters, DA, ATC, Walters Inc.

# THURSDAY, JUNE 18, 2020

## Lectures, 7 a.m. - 7:55 a.m.

### **E** 20/20 is Average! Why Vision Enhancement Can Help Performance and Injury Prevention, (I)

Presented by the American Optometric Association Sports Vision Section

Fraser C. Horn, OD, FAAO, Pacific University

Derek Cunningham, OD, FAAO, Dell Laser Consultants

### **A** Knee Instability: Anterior Cruciate Ligament and Posterior Cruciate Ligament Injuries in the Athlete, (II, IV)

Presented by the American Orthopaedic Society for Sports Medicine

**Preseason, In-Season and Postseason Management/Anterior Cruciate Ligament**

Brian Busconi, MD, UMass Memorial

**Injury/Posterior Cruciate Ligament Injury/Functional Rehabilitation of Operative and Non-Operative Injuries**

Jennifer Brodeur, MS, ATC, CES, UMass Memorial

Anthony Cerundolo, MS, ATC, College of the Holy Cross

### **A** Athlete Performance Monitoring: The What, The Why and The How, (I, IV, V)

Robert Huggins, PhD, LAT, ATC, Korey Stringer Institute, University of Connecticut

Shawn Arent, PhD, CSCS, Rutgers University

### **A** Managing Adolescent Patients Recovering After Anterior Cruciate Ligament Reconstructions: From Surgery to Return to Play, (I, II, IV)

**Implementing Return to Play Assessments for Young Athletes Following Anterior Cruciate Ligament Reconstruction**

Joe Hart, PhD, ATC, University of Virginia

**Overcoming Barriers to Return to Play Among Young Athletes With Anterior Cruciate Ligament Reconstruction: Long-Term Solutions to Short-Term Problems**

Christopher Kuenze, PhD, ATC, Michigan State University

## Learning Labs, 7 a.m. - 9 a.m.

### **A** Recognition and Management of Exertional Sudden Death Conditions, (III)

Zachary Winkelmann, PhD, SCAT, ATC, University of South Carolina

### **A** Treatment Techniques in Endurance Runners: Combining Manual Therapy and Movement Science, (II, I, IV)

Marie Charpentier, PT, DPT, ATC, Houston Methodist Sugar Land Orthopedics &

Sports Medicine

### **E** Athletic Trainer's Utilization and Clinical Establishment of IV Access and Fluid Administration to Improve Patient Care, (III, IV)

Eric Fuchs, DA, ATC, AEMT, Eastern Kentucky University

## Forum, 8:10 a.m. - 9:05 a.m.

### **M** An Update on Hydration Recommendations, (I, III)

Brendon McDermott, PhD, ATC, University of Arkansas

Eddie Bunton, MA, LAT, ATC, Berkeley Preparatory School

## Lectures, 8:10 a.m. - 9:05 a.m.

### **E** Application of the CDC Guidelines for Pediatric Mild Traumatic Brain Injury for Athletic Trainers, (II, I, V)

Zachary Kerr, PhD, MPH, MA, University of North Carolina at Chapel Hill

Juliet Haarbauer-Krupa, PhD, Center for Disease Control and Prevention

**A** **Getting the Whole Picture: Assessing Health-Related Quality of Life Following Concussion, (I, II)**

Tamara Valovich McLeod, PhD, ATC, FNATA, A.T. Still University

**E** **Essential Updates to NATA Position Statements: What the Practicing Clinician Needs to Know, (V)**

Presented by the NATA Pronouncements Committee

**Updates on the Biopsychosocial Model and the Use of Clinician and Patient-Oriented Outcomes in Position Statements**

Patrick McKeon, PhD, ATC, Ithaca College

**Updates on the Necessity of Appropriate Documentation and Interprofessional Practice Recommendations in Position Statements**

Rebecca Lopez, PhD, LAT, ATC, University of South Florida

**A** **LGBTQ+ Patient Cases, (I, II, III, IV, V)**

Presented by the NATA LGBTQ+ Advisory Committee

Ashley Crossway, DAT, ATC, Nazareth College

Emma Nye, DAT, LAT, ATC, Drake University

**A** **Neuromechanics of Hamstring Strain Injuries, (IV)**

Charles "Buz" Swanik, PhD, ATC, FNATA, University of Delaware

Andrea DiTrani Lobacz, PhD, ATC, Neumann University

**A** **Prevention of Injury in the Lacrosse Player, (I, II, IV)**

John Gallucci, DPT, ATC, JAG-One Physical Therapy

**Forum, 9:20 a.m. - 10:15 a.m.**

**M** **Balancing Family and Athletic Training Responsibilities, (V)**

Jim Buriak, MS, ATC, Roanoke College

Kelli Pugh, MS, ATC, LMT, University of Virginia

Melissa Neu, MS, ATC, Lake Minneola High School

**Lectures, 9:20 a.m. - 10:15 a.m.**

**🔥** **Heat: Best Practices and Implementation, Part One – Simulated Trial**

Jeff Murphy, PA, Jeff Murphy Law

**A** **⚙️ Data and Analytics in Sports Medicine: Is Your Data Driving Action?, (I, II, IV)**  
**Training Load and Performance Tests**

Barnett Frank, PhD, ATC, LAT, Utah Jazz

**Movement Testing Associated Metrics**

Mike Clark, DPT, MS, PT, Fusionetics

**A** **👤 Relative Energy Deficiency in Sport (RED-S) in Male Athletes, (I, II, IV)**

Jennifer Doane, ATC, RD, CSSD, Advantage Nutrition & Wellness

**E** **Quality Improvement: From Inception to Application, (V)**

Presented by the NATA Journal Committee

**Defining and Measuring Quality Improvement in Athletic Health Care**

Alison Snyder Valier, PhD, ATC, FNATA, A.T. Still University

**Designing Quality Improvement Initiatives to Enhance Patient Care**

Amy Valasek, MD, Nationwide Children's Hospital

**A** **Documenting Your Skilled Patient Care to Get Paid, (V)**

Presented by the NATA Committee on Practice Advancement

Steven Allison, ATC, LAT, CEAS, Divine Savior Healthcare

**Learning Labs, 9:20 a.m. - 11:20 a.m.**

**A** **Diabetic Emergencies: A Scientific and Practical Approach to Managing the Diabetic Athlete in the Prehospital Setting, (I, II, III)**

David Berry, PhD, AT, ATC, Saginaw Valley State University

**E** **Functional Fascial Lines Assessment and Corrective Techniques, (I, II, IV)**

Christopher Flores, ATC, FLO Fitness

**A** **🧠 Early Recognition and Initiation of Intervention for Vestibular Ocular Impairments Following Concussion: The Importance of Early Motor Learning, (II, IV)**

Rebecca Bliss, DPT, DHSc, University of Missouri

**Lectures, 10:30 a.m. - 11:25 a.m.**

**A** **🎮 Use of Active Gaming and Proprioceptive Devices for Balance and Motor Control to Reduce Injuries in Both Sports and Occupational Settings, (I, IV)**

Keith Naugle, PhD, ATC, NSCA-CPT, Indiana University-Purdue University

Indianapolis

Mary Kirkland, MS, LAT, ATC, KSC RehabWorks

**A** **🔥 The Qualms of Obtaining a Rectal Temperature: Overcoming Common Barriers for the Clinician, (II, V)**

Samantha Scarneo, PhD, LAT, ATC, University of Connecticut

Rebecca Lopez, PhD, LAT, ATC, University of South Florida

**E Intra-Articular Versus Extra-Articular Hip Impingement: An Update on Emerging Diagnosis, (I, II)**

Scott Cheatham, PhD, DPT, ATC, California State University at Dominguez Hills

**A Evidence-Based Practice in Prehospital Care of the Spine-Injured Athlete in American Football: The Delphi Process, Part One – Spine Injury in Sport Group, (III, V)**

Presented by the NATA Task Force

**Best Practices and Current Care Concepts in Prehospital Care of the Spine-Injured Athlete in American Football: The Delphi Process**

Ron Courson, ATC, PT, NRAEMT, University of Georgia

Stanley Herring, MD, University of Washington

**E Jumping Through the Hoops: Establishing a Medical and Reimbursement Model at the Division I Level, (V)**

Jennifer Farrant, MEd, ATC, University of South Florida

Stephan Walz, MA, ATC, LAT, University of South Florida

**E Socio-Cultural Determinants of Health: Athletic Trainers as Public Health Advocates, (V)**

Presented by the NATA Executive Committee for Education

Mark Hoffman, PhD, ATC, FNATA, Oregon State University

Timothy McGuine, PhD, ATC, University of Wisconsin

**Forum, 12:15 p.m. - 1:10 p.m.**

**E 🔥 Heat Stroke Management: Overcoming Barriers to Cool First, Transport Second, (III)**

Rebecca Lopez, PhD, ATC, CSCS, University of South Florida

Samantha Scarneo, PhD, LAT, ATC, University of Connecticut

**Lectures, 12:15 p.m. - 1:10 p.m.**

**E Scope of Practice: Incorporating Standing Orders to Encourage Responsible Practice, (V)**

Presented by the NATA Professional Responsibility in Athletic Training Committee

Kevin Stalsberg, MS, ATC, Shawnee Mission School District

Ciara Ashworth, ATC, Kamiakin High School

**A Myofascial Decompression (Cupping), (IV)**

Brett Winston, PhD, LAT, ATC, Springfield College

**A 🧠 Motor Control Training for the Wrist and Hand with Implications for the Lower Extremity, (II, IV)**

Mary Mundrane-Zweiacher, ATC, PT, CHT, Premier Physical Therapy and Sports Performance

**A The Burden of Head Impacts in Sports and What's Being Done About It, (I)**

**The Importance of Reducing Head Impact Exposure in Sport: Long-Term Implications**

Robert Cantu, MD, FACS, FACSM, Emerson Hospital

**Strategies to Reduce Head Impact Exposure in Contact and Collision Sports**

Erik Swartz, PhD, ATC, FNATA, University of Massachusetts at Lowell

**E Therapy Dogs in the Athletic Training Setting, (IV)**

Aaron Smith, MS, LAT, ATC, University of Central Arkansas

Phyllis Erdman, PhD, Washington State University

**Learning Lab, 12:15 p.m. - 2:15 p.m.**

**E Best Practices in Transfer and Equipment Removal Techniques of the Spine-Injured Athlete, (III)**

Ron Courson, ATC, PT, NRAEMT, University of Georgia

**A 🧠 The Use of Neurodynamics in the Treatment of Musculoskeletal Dysfunction, (IV)**

James Scifers, DScPT, LAT, ATC, Moravian College

**E Manual Therapy Interventions of Common Hip Pathologies, (II, IV)**

Jill Manners, ScD, ATC, PT, University of Georgia

**Forum, 1:25 p.m. - 2:20 p.m.**

**A Managing SLAP Tears: An update on the NATA Position Statement, (IV)**

Lori Michener, PhD, ATC, PT, University of Southern California

Chuck Thigpen, PhD, ATC, PT, ATI Physical Therapy

**Lectures, 1:25 p.m. - 2:20 p.m.**

**A Live Surgeries – Syndesmotic Ankle Fixations: Tightrope Versus Screw, (IV)**

Steven Kane, MD, Wellstar Atlanta Medical Center

**E Therapeutic Use of Cannabis in Sports Medicine: What is the Evidence?, (IV, V)**

Presented by the NATA Professional Development Committee

Matthew Fedoruk, PhD, U.S. Anti-Doping Agency

**E The Hip and Pelvis: A Global Approach to Therapeutic Exercise Prescription, (IV)**

Presented by the Professional Hockey Athletic Trainers Society

Steve Dischiavi, DPT, ATC, High Point University

**E** **Work, Life and Family Considerations for Women Athletic Trainers, (V)**

*Christianne Eason, PhD, LAT, ATC, Lasell University*

*Stephanie Mazerolle Singe, PhD, ATC, FNATA, University of Connecticut*

**A** **Stick the Landing: Using Motor Learning Principles to Optimize Assessment and Rehabilitation, (I, IV)**

*Adam Lepley, PhD, ATC, University of Michigan*

*Grant Norte, PhD, ATC, CSCS, University of Toledo*

**A** **Training Loads and Stress Fractures in Distance Runners: How Much is too Much?, (I, IV)**

*Karrie Hamstra-Wright, PhD, ATC, University of Illinois at Chicago*

*Christopher Napier, PhD, PT, University of British Columbia*

**Lectures, 2:35 p.m. - 3:30 p.m.**

**A** **Biometric Wearables Common in Baseball, (I)**

*Joe Myers, PhD, ATC, Tampa Bay Rays Baseball Club*

**E** **Immediate Care and Management of Joint Dislocations, (I, III)**

*Scott Doberstein, MS, ATC, LAT, University of Wisconsin at La Crosse*

*Scott Kuzma, MD, Mayo Clinic Health System*

**E** **Maxillofacial Injuries in Sports: Prevention, Diagnosis and Treatment, (II, III)**

*Presented by the Academy of Sports Dentistry*

*Glenn Maron, DDS, FACS, Emory University School of Medicine*

**A** **Neurological Changes Following Ankle Injury and Implications on Rehabilitation, (II)**  
*Neural Adaptation and Implications for Management and Treatment of Ankle Injury*

*Phillip Gribble, PhD, ATC, FNATA, University of Kentucky*

*Evidence and Theory for Neural Structural Change Following Ankle Injury*

*Kyle Kosik, PhD, ATC, University of Kentucky*

**A** **Improving Outcomes Following Sports-Related Concussion in High School Athletes: The Essential Role of Athletic Trainers, (I)**

*Presented by the NATA Research & Education Foundation*

*Evidence to Support the Role of Athletic Trainers to Recognize and Manage Concussions in High School Settings*

*Timothy McGuine, PhD, ATC, University of Wisconsin*

*Special Considerations for Sports Concussion Management in High School Athletes*

*Steve Broglio, PhD, ATC, University of Michigan*

**Evidence-Based Practice, 3:45 p.m. - 4:40 p.m.**

**A** **Evaluation and Treatment of Peripheral Vestibular Dysfunction: Demystifying Benign Paroxysmal Positional Vertigo (BPPV), (II, IV)**

*David Wilkenfeld, EdD, LAT, ATC, Moravian College*

**A** **Treatment of Ankle Sprains and Instability: Linking Theory to Practice, (II, IV)**

*Jay Hertel, PhD, ATC, FNATA, University of Virginia*

**Evidence-Based Practice, 4:55 p.m. - 5:50 p.m.**

**E** **Enhancing Secondary School Athletics Health and Safety Policies: Examining the Evidence, the Progress, and the Challenges, (V)**

*Douglas Casa, PhD, ATC, FNATA, Korey Stringer Institute, University of Connecticut*

*Seth Smith, MD, CAQ-SM, PharmD, University of Florida*

**A** **Controversies in Management of Athletic Anterior Shoulder Instability, (II, IV)**

*Charles Thigpen, PhD, PT, ATC, ATI Physical Therapy*

*Ellen Shanley, PhD, PT, OCS, ATI Physical Therapy*

**FRIDAY, JUNE 19, 2020**

**Lectures, 7 a.m. - 7:55 a.m.**

**A** **Chronobiology, Sleep Deprivation, Thermoregulation and Physical Performance, (I, IV)**

*Yuval Heled, PhD, FACSM, Heller Institute of Medical Research*

**A** **Out of the Clinic and Into the Field: Monitoring Running Mechanics Using Wearable Sensors, (I, II, IV)**

*Alexandra DeJong, MEd, ATC, University of Virginia*

*Christopher Napier, PhD, PT, University of British Columbia*

**A** **Skeletal Muscle Adaptations Following ACL Rupture and Surgical Reconstruction: Potential Targets for Therapeutic Intervention, (I, II, IV)**

*Timothy Tourville, PhD, ATC, CSCS, University of Vermont*

*Adam Lepley, PhD, ATC, University of Michigan*

**A** **Connecting Academic Programs and Clinical Practice Together to Inform System Improvement, (V)**

*Presented by the Association of Schools of Allied Health Professions*

*Christopher O'Brien, PhD, LAT, ATC, Seton Hall University*

*Anthony Breitbach, PhD, ATC, FASAHP, Saint Louis University*

**Learning Labs, 7 a.m. - 9 a.m.**

**A** **Training from the Inside Out: A Comprehensive Training Approach for Trunk Proprioception and Musculoskeletal Control, (II)**

*Thomas Palmer, PhD, ATC, CSCS\*D, Old Dominion University*

**E** **Strategies to Navigate Complex Scenarios for Women in Athletic Training, (V)**

*Carolyn Peters, MA, ATC, CSCS, San Diego Christian College*

**A** **A Health Care Providers Response to the Active Shooter: Event Response and Trauma Management Once the Shooting Stops, (I, II, III)**

*Edward Strapp, FP-C, TP-C, ATC, Maryland State Police*

**Lectures, 8:10 a.m. - 9:05 a.m.**

**A** **Athlete Well-Being and Training Load Monitoring on Any Budget, (I)**

*Brett Pexa, PhD, ATC, High Point University*

*Lectures, 8:10 a.m.- 9:05 a.m.*

**E** **Heat: Best Practices and Implementation, Part Two – Lessons Learned, (III, IV)**

*Douglas Casa, PhD, ATC, FNATA, Korey Stringer Institute, University of Connecticut*

*Samantha Scarneo, PhD, LAT, ATC, University of Connecticut*

**A** **Utilization of Performance Biometrics to Reduce Injury Risk and Guide Rehabilitation in a Division I Athletic Setting: A Team-Based Approach, (I, IV)**

*Presented by the American Physical Therapy Association*

*Dan Cobian, PhD, PT, University of Wisconsin*

*Jill Thein-Nissenbaum, PT, ATC, DSc, University of Wisconsin*

**A** **A Sports Medicine Approach to Common Foot Injuries, (I, II, IV)**

*Presented by the American Academy of Podiatric Sports Medicine*

*Old and New Treatments for Treating Plantar Fasciitis, Shin Splints and Achilles Tendonitis*

*Jay Spector, DPM, FAAPSM, Atlanta Sports Podiatry*

**E** **Leadership and Diversity: How to Grow Leadership in the Future, (V)**

*Presented by the NATA Ethnic Diversity Advisory Committee*

**Who Are the Leaders of NATA**

*Kysha Harriell, PhD, ATC, LAT, University of Miami*

**Why Representative Leadership Matters**

*Grant Wilson, MS, ATC, University of Oregon*

**A** **New Approaches to Skill Acquisition, (IV)**  
**Neuroplasticity of Skill Re-Acquisition After Musculoskeletal Injury**

*Dustin Grooms, PhD, ATC, CSCS, Ohio University*

**Application of Contemporary Motor Learning Strategies**

*Rich Robinson, PhD, University of Indianapolis*

**Forum, 9:20 a.m. - 10:15 a.m.**

**A** **Best Practices for Managing Patellofemoral Pain, (III)**

*Jennifer Earl-Boehm, PhD, ATC, FNATA, University of Wisconsin at Milwaukee*

*Gretchen Salsich, PhD, PT, Saint Louis University*

**Lectures, 9:20 a.m. - 10:15 a.m.**

**A** **Heat Tolerance Testing (HTT): Should Athletic Trainers Use the HTT to Guide Return-to-Play Decisions Following Exertional Heat Stroke/ Illness?, (IV)**

*Yuval Heled, PhD, FACSM, Heller Institute of Medical Research*

*Rebecca Stearns, PhD, ATC, PES, University of Connecticut*

**A** **Who, Why and When: Hormonal Contraception, An Examination of the Prevalence, Perceived Benefits and Adverse Consequences on Performance in the Heat, (I)**

*Clare Minahan, PhD, Griffith University*

**A** **Traumatic Brain Injuries and Musculoskeletal Injury Risk: An Exploration of Potential Neuromuscular Control Mechanisms, (I, IV)**  
**Linking Neuromuscular Control Factors and Musculoskeletal Injury Risk**

*Timothy Mauntel, PhD, ATC, Walter Reed National Military Medical Center*

**Known Neuromuscular Control Deficits Following Traumatic Brain Injury**


*Robert Lynall, PhD, ATC, University of Georgia*

**E** **Relationship Building and Conflict Management for Legislative Success, (V)**

*Presented by the NATA Governmental Affairs Committee*

*Anna Sedory, MS, ATC, CSCS, Fairfax County Police Department*

*Lynne Young, MEd, LAT, ATC, Orthopedic Physicians Alaska*

**A**  **The Use of Technology in Sports Medicine & Rehabilitation, (I, II, IV)**

*Bioanalytics and Technology in Rehabilitation and Return to Play*

*Scott Epsley, PT, Philadelphia 76ers*

*Blending Streaming Analytics with other Clinical Data Sources*

*Kevin Robell, MA, ATC, Preventicx*

**E** **Women in State Leadership Positions: How to Get Involved and Be a Successful Leader, (V)**

*Cara Gomez, EdD, ATC, Delaware State University*

**Learning Labs, 9:20 a.m. - 11:20 a.m.**

**A**  **Can't Take the Heat? Get Them Off the Field!, (I)**

*Ali El-Kerdi, DPT, PhD, ATC, Thomas Jefferson University*

**E** **Rib Injuries: Evaluation, Management and Treatment Options, (II)**

*Matthew Mills, MA, LAT, ATC, Quinnipiac University*

**Forum, 10:30 a.m. - 11:25 a.m.**

**E** **An Update on Therapeutic Modalities: How Should They Be Used?, (I, V)**

*Blaine Long, PhD, AT, ATC, Central Michigan University*

*Lisa Jutte, PhD, ATC, Xavier University*

**Lectures, 10:30 a.m. - 11:25 a.m.**

**E** **Cannabis in Sport: What the Athletic Trainer Needs to Know, (I, IV, V)**

*Benjamin Cowin, DC, MS, ATC, Action Spine & Sports Medicine*

**A** **Blood Biomarkers of Sport-Related Concussion, (II)**

*Breton Asken, MS, ATC, University of California at San Francisco*

**E** **Continuing Your Certification: A New Approach for Continuing Education, (V)**

*Presented by the Board of Certification*

*Susan McGowen, PhD, ATC, EMT, University of New Mexico*

**A**  **Proximal Dynamic Functional Stability for the Treatment of Lower Extremity Pathology, (II, IV)**

*Michael Higgins, PhD, ATC, PT, University of Virginia*

**E** **Best Practices in Transgender Patient Care, (I, V)**

*Lindsey Eberman, PhD, ATC, Indiana State University*

*Jennifer Chadburn, EdM, ATC, Boston University*

**Evidence-Based Practice, 12 p.m. - 12:55 p.m.**

**E**  **Effect of Sleep on Athletic Performance and Well-Being, (I, II, IV)**

*Meeta Singh, MD, Henry Ford Health System*


**Evidence-Based Practice, 1:10 p.m. - 2:05 p.m.**

**A**  **Load Monitoring: From Theory to Application, (I)**


*David Bell, PhD, ATC, University of Wisconsin at Madison*

*Barnett Frank, PhD, ATC, Utah Jazz*

**Lectures, 5:35 p.m. - 6:30 p.m.**

**E**  **Wading Through the Athletic Recovery Landscape With so Many Gadgets, Gizmos and Wearables: Tips from an Athletic Trainer Perspective – 2020 Update, (I, IV)**

*Thomas Kaminski, PhD, ATC, FNATA, University of Delaware*

**A**  **Exertional Heat Stroke: Best Practices for Prehospital Providers, (III)**

*Prehospital Care of Exertional Heat Stroke- The Athletic Trainer's Role*

*Luke Belval, PhD, ATC, CSCS, Institute for Exercise and Environmental Medicine*

*Prehospital Care of Exertional Heat Stroke: EMS and the Emergency Department's Role*

*John Jardine, MD, Our Lady of Fatima Hospital*

**A** **Talking About Critical Incidents and Psychological Trauma with High School and Collegiate Student Athletes, (I, III)**

*Lovie Tabron, MS, LAT, ATC, California University at Pennsylvania*

*Donita Valentine, DAT, ATC, CCISM, District of Columbia Public Schools*

**E** **Multi-Credentialing for the Athletic Trainer: Making the Most of the Orthopaedic Practice Orthopedic Technologist Certified, (V)**

*Presented by the National Association of Orthopaedic Technologists*

*Katherine Werner Bagnato, ATC, OTC, CEAS, Speciality Orthopaedics and Sport Medicine*

**E** **It's Not Political: How to Thrive as an Athletic Trainer, (I, III, V)**

*Presented by the NATA Secondary School Athletic Trainers' Committee*  
*Knowing Your Resources: Tools for Success*

*Dan Newman, MS, LAT, ATC, Union Public Schools*

*Finding the Solution*

*Linda Mazzoli, MS, LAT, ATC, Pennsylvania Athletic Trainers' Society/Rothman Institute*



## **A** Educational Advancement Grants: Examples of Funded Projects, (V)

*Presented by the NATA Education Advancement Committee*

*Ashley Thrasher, PhD, ATC, Western Carolina University*

*Lindsey Eberman, PhD, ATC, Indiana State University*

# SATURDAY, JUNE 20, 2020

## Lectures, 7 a.m. - 7:55 a.m.

### **A** What Really Works When It Comes to Concussion Prevention Strategies, (I)

*Tamara Valovich McLeod, PhD, ATC, FNATA, A.T. Still University*

### **E** Atrial Fibrillation in Athletes: What Athletic Trainers Should Know, (I)

*Introduction to Atrial Fibrillation in Athletes*

*Jill Murphy, DPT, ATC, CSCS, MotionWorks Physical Therapy*

*Training Recommendations for Athletes With or at Risk for Atrial Fibrillation*

*Adrian Elliott, PhD, University of Adelaide, South Australia*

### **E** Quality Assurance in Athletic Training: An Update From the Commission on Accreditation of Athletic Training Education, (V)

*Presented by the Commission on Accreditation of Athletic Training Education*

*Eric Sauer, PhD, ATC, FNATA, A.T. Still University*

### **A** Tendinous Conditions of the Hip and Pelvis, (I, II, IV)

*Surgical Management and Related Research*

*Erica Simone, MS, ATC, OTC, New Jersey Orthopaedic Institute*

*Non-Surgical Management and Post-Operative Rehabilitation*

*Anthony Scillia, MD, New Jersey Orthopaedic Institute*

### **E** Best Practices and Current Care Concepts in Prehospital Care of the Spine-Injured Athlete, Part Two – Spine Injury in Sport Group, (III)

*Presented by the NATA Task Force*

*Ron Courson, ATC, PT, NRAEMT, University of Georgia*

*Glenn Henry, MA, EMT-P*

## Learning Labs, 7 a.m. - 9 a.m.

### **A** An Athletic Trainer's Practical Guide to Utilizing Team-Based GPS Technology, (I)

*Natalie Kupperman, MEd, ATC, University of Virginia*

### **A** Youth Athlete Injury Prevention Analysis: Combining Science and Motor Learning, (I, II, IV)

*Nathan Longcrier, MS, ATC, California State University at Fullerton*

### **A** Back to the Future: Splinting and Casting for Orthopedic Injuries, (IV)

*Presented by the National Association of Orthopaedic Technologists*

*Katherine Werner Bagnato, ATC, OTC, CEAS, Speciality Orthopaedics and Sport Medicine*

## Forum, 8:10 a.m. - 9:05 a.m.

### **E** All Hands On Deck! The Athletic Trainer's Role in the U.S. Opioid Epidemic, (I, V)

*Kimberly Wise, EdD, ATC, Bridgewater State University*

*James Leone, PhD, MPH, ATC, Bridgewater State University*

### **A** Utilizing Biometric Data to Improve Sport Performance or Reduce Risk of Injury, (I)

*Aaron Wellman, PhD, CSCCA, NSCA, New York Giants*

### **E** Current Trends Regarding the Cause, Treatment and Prevention of Exercise-Associated Muscle Cramps, (I, III, IV)

*The Physiology Behind Exercise-Associated Muscle Cramp Etiology*

*Brendon McDermott, PhD, ATC, University of Arkansas*

*Evidence-Based Treatment and Prevention Strategies for Muscle Cramping*

*Kevin Miller, PhD, AT, ATC, Central Michigan University*

### **E** Tapping Into the Power of You: Leveraging Marketing and Public Relations to Advocate for Athletic Training, (V)

*Public Relations and Marketing 101:*

*Communication Tools and Strategies to Help You Own Your Impact*

*Tamesha Logan, MBA, National Athletic Trainers' Association*

*Leveraging Media: Tactics to Ensure Your Message Resonates*

*Honey Hamilton, National Athletic Trainers' Association*

### **A** Keeping the Mind in Mind: Addressing Injury-Related Fear to Improve Health Outcomes After Traumatic Knee Injury, (IV)

*Johanna Hoch, PhD, ATC, University of Kentucky*

**E** **Impact of Leadership and Organizational Culture on Professional Longevity, Sustainability and Growth in Athletic Training, (V)**

*Presented by the NATA State Association Advisory Committee*

*Sara Stilner, EdD, AT, ATC, Texas A&M Corpus Christi*

*Elizabeth Walters, EdD, AT, ATC, ProTeam Tactical Performance*

**Forum, 8:10 a.m. - 9:05 a.m.**

**E** **⚙️ Tool and Techniques to Monitor Sleep Quality and Quantity, (I, II, IV)**

*Meeta Singh, MD, Henry Ford Health System*

*Michael Grandner, PhD, University of Arizona*

**Evidence-Based Practice, 9:20 a.m. - 10:15 a.m.**

**M** **Application of Precision Sports Medicine to the Management of Sport-Related Concussion, (I, II, IV, V)**

*Gary Wilkerson, EdD, ATC, FNATA, University of Tennessee at Chattanooga*

*Chad Prusmack, MD, Rocky Mountain Spine Clinic*

**A** **Got Data? Using Patient Care Documentation to Drive Clinical Decisions and Improve Care, (V)**

*Kenneth Lam, ScD, ATC, A.T. Still University*

**Lectures, 10:30 a.m. - 11:25 a.m.**

**E** **👤 Chronic Exertional Compartment Syndrome: Evaluation, Differential Diagnoses and Treatments, (II, IV)**

*Joshua Pinkney, MS, ATC, CSCS, Mayo Clinic*

**E** **Implementing Mental Health America's B4Stage4 Philosophy: Assisting the Athletic Trainer in Recognizing and Referring a Patient for Mental Health Care, (I, II, III)**

*Role of the Athletic Trainer in Detecting Mental Health Disorders in Patients*

*Timothy Neal, MS, ATC, CCISM, Concordia University Ann Arbor*

*The B4Stage4 Philosophy*

*Jessica Kennedy, Mental Health America*

**A** **🧠 Rolling to Enhance Motor Learning, (I, II, IV)**

*Barb Hoogenboom, EdD, ATC, PT, Grand Valley State University*

**A** **🔥 Taking Your Emergency Planning to the Next Level: Safe Sports Network's Implementation of a "Drop the Dummy" Program in the Secondary School Setting, (I, III, V)**

*Amy Hollingworth, ATC, RN, New Hampshire Musculoskeletal Institute*

**E** **The Role of the AT in Emergency Planning in Cheerleading, (I, III)**

*Karen Lew Feirman, DHSc, LAT, ATC, Varsity Spirit, LLC*

*Ryan Manely, DHSc, LAT, ATC, Sterling College*

**Learning Labs, 10:30 a.m.- 12:30 p.m.**

**The Stethoscope and Reflex Hammer: When, Where, Why and How To**

*Stephanie Aldret, DO, Louisiana Orthopaedic Specialists*

**A** **Using PASS to Create Change in Your Organization, (I, II, III, IV, V)**

*Glen Cooper, MS, LAT, ATC, Penn-Trafford High School*

**A** **Assessing Musculoskeletal Pain Through the Forgotten Nervous System: Neurodynamics of the Lower Extremity, (II, IV)**

*Emilie Miley, DAT, ATC, CMP, University of Idaho*

**Forum, 10:30 a.m. - 11:25 a.m.**

**A** **🧠 Using Cognitive Loading to Enhance Ankle Sprain Rehabilitation, (IV)**

*Christopher Burcal, PhD, ATC, University of Nebraska at Omaha*

*Terry Grindstaff, PhD, PT, ATC, Creighton University*

**Lectures, 11:40 a.m. - 12:35 p.m.**

**A** **🧠 "You Have Some Nerve": The Utilization of Neurodynamic Techniques as an Assessment and Treatment Tool for Upper Extremity Musculoskeletal Conditions, (II, IV)**

*Kurrel Fabian, Georgia Institute of Technology*

**A** **Athletic Trainers Working as Industrial Ergonomic Specialists, (I, V)**

*Kelly Stetser, AT, ATC, MA, Herman Miller*

**A** **🔥 Gender Considerations for Performance and Injury Prevention in the Heat, (I, IV)**

*Presented by the NATA International Committee*

*Clare Minahan, PhD, Griffith University*

*Susan Yeargin, PhD, ATC, University of South Carolina*

**E** **Importance of Social Determinants of Health in Athletic Health Care, (I)**

*Kelsey Picha, PhD, ATC, A.T. Still University*

**A** **Osteochondritis Dissecans in the Youth Athlete: Diagnosis, Clinical and Surgical Management and Return-to-Play Considerations, (II, IV)**

*Presented by the Pediatric Orthopedic Society of North America  
OCD's of the Elbow, Knee and Ankle: Anatomy and Epidemiology*

*Jay Albright, MD, Children's Hospital Colorado*

**Clinical Presentation and Management**

*Jordan Teboda, MS, LAT, ATC, Children's Hospital Colorado*

**Forum, 11:40 a.m. - 12:35 p.m.**

**E** **Transition to Practice: Factors Critical to Success, (V)**

*Brian Vesce, DAT, ATC, Northwestern University*

*Steve Nordwall, MA, ATC, Kutcher Clinic*

**Lectures, 1:05 p.m. - 2 p.m.**

**A** **Measuring Head Impacts: A Window into Collision Sports, (I, II)**

*Jason Mihalik, PhD, CAT(C), ATC, University of North Carolina at Chapel Hill*

*Robert Lynall, PhD, ATC, University of Georgia*

**A** **The Current State and Evidence for Lower Extremity Bracing, (I, IV)**

*Brent Arnold, PhD, ATC, FNATA, Indiana University - Purdue University Indianapolis*

**E** **Can I Say That? Addressing Racial Microaggressions in Athletic Training Clinical Practice, (I, V)**

*Karlita Warren, PhD, ATC, University of La Verne*

*Candace Parham, PhD, LAT, ATC, George Mason University*

**E** **Documentation Strategies for Modern Health Care, (V)**

*Deena Kilpatrick, MS, ATC, LAT, San Antonio Fire Department*

**A** **The First Athletic Training Specialty Certification: Orthopedics, (V)**

*Presented by the Board of Certification*

*Michael Hudson, PhD, LAT, ATC, Missouri State University*

**Forum, 1:05 p.m. - 2 p.m.**

**A** **Best Practices and Barriers to Implementing Concussion Rehabilitation, (I, V)**

*Thomas Bowman, PhD, ATC, University of Lynchburg*

*Amanda Beatty, MS, LAT, ATC, Carolina Family Practice and Sports Medicine*

**Learning Lab, 1:05 p.m. - 3:05 p.m.**

**A** **An Integrated Approach to the Multi-Systems Trauma Patient: Stop the Bleed and Beyond, (II, III, V)**

*Darryl Conway, MA, AT, ATC, University of Michigan*

**E** **A Combined Approach to Working with Student Athletes in Distress, (III)**

*Kevin Thomas, PsyD, California State University at Fullerton*

**A** **Uncovering and Unlocking Roadblocks to Rehabilitation and Recovery in the Lower Extremity, (I, II, IV)**

*Mike Clark, DPT, MS, PT, Fusionetics*

**Forum, 2:15 p.m. - 3:10 p.m.**

**A** **Best Practice Recommendations for Teaching Athletic Training-Related Motor Skills, (III, IV)**

*Jennifer Popp, EdE, LAT, ATC, Purdue University*

*Scott Lawrance, LAT, ATC, DHSc, Purdue University*

**Lectures, 2:15 p.m. - 3:10 p.m.**

**E** **De-ICED Weaning Athletic Trainers off Their Dependency on Rest-Ice-Compression, 2020 and Beyond, (III, IV)**

*Thomas Kaminski, PhD, ATC, FNATA, University of Delaware*

**A** **High Yield Cervical Spine Topics in Athletics, (I, II, III, IV)**

*Presented by the North American Spine Society*

**Cervical Cord Neuropraxia**

*Omar Bhatti, MD, University of Washington*

**Stingers**

*Neel Sandhu, MD, University of Washington*

**Fractures**

*Shawn McGargill, MD, University of Washington*

**M** **Application of Diagnostic Ultrasound to Track Tissue Repair, (II, IV)**

*Noelle Selkow, PhD, ATC, Illinois State University*

**E** **Simulation Involving Preceptors and Students Using Exertional Heat Stroke as an Example, (III, V)**

*Presented by the NATA Professional Education Committee*

*Dana Bates, PhD, LAT, ATC, Pacific University*

*Andrew Duckett, MS, ATC, Boston University*

**E** **Cardiovascular and Neuromuscular Considerations of the Pediatric Patient During Exercise and Rehabilitation, (IV)**

*Shelly Fetchen DiCesaro, PhD, LAT, ATC, California University of Pennsylvania*

**Lectures, 3:25 p.m. - 4:20 p.m.**

**E** **An Evidence-Informed Approach to Rehabilitation Following Orthobiologic Procedures, (IV)**

*Ken Mautner, MD, Emory University*

**A Getting aHEAD of the Game: Concussion and Injury Risk, (IV)**

**Biomechanical Movement Alterations After Concussion**

*Craig Garrison, PhD, PT, ATC, Texas Health Sports Medicine*

**Relationship Between Sport-Related Concussions and Injuries**

*Bobby Jean Lee, PT, DPT, OCS, Texas Health Sports Medicine*

**A Recovering Sensorimotor Control After Injury: A Roadmap for Clinical Care, (IV)**

*Lindsey Lepley, PhD, ATC, University of Michigan*

*Dustin Grooms, PhD, AT, CSCS, Ohio University*

**E The Three P's of Advocacy, (V)**

*Christianne Eason, PhD, LAT, ATC, Lasell University*

**Learning Labs, 3:25 p.m. - 5:25 p.m.**  
**Functional Exercises and Mobilization**

*Randy Aldret, EdD, LAT, ATC, Edward Via College of Osteopathic Medicine*

**E Fundamentals of Musculoskeletal Ultrasound in Sports Medicine, (II)**

*Joshua Hackel, MD, CAQSM, RMSK, Andrews Orthopedic & Sports Medicine Center*

**A Concussion Monitoring: A Video Review That Gives Unique Perspectives That May Be Unseen From the Sidelines, (II, III)**

*Rod Walters, DA, ATC, Walters, Inc.*

**Lectures, 4:35 p.m. - 5:30 p.m.**

**A Developing, Implementing and Assessing Interprofessional Education: A Best Practices Discussion, (V)**

*Presented by the NATA Professional Development Committee – ATEC Subcommittee*

*Paul Krawietz, EdD, LAT, ATC, University of Texas at Arlington*

**A Reducing the Risks of Workplace Violence for Athletic Trainers, (V)**

*Presented by the American College Health Association*

*Lori Dewald, EdD, ATC, MCHES, American Public University System*

**A The Intersection of Physical Literacy and Injury Risk in Youth Athletes, (I)**

**Promoting Physical Literacy In Your Setting**

*Hayley Root, PhD, MPH, ATC, Monmouth University*

**The Relationship Between Physical Literacy and Injury Risk**

*Lindsay DiStefano, PhD, ATC, University of Connecticut*

**A Telemedicine Solutions for Clinical Practice, (I, II, III)**

*Zachary Winkelmann, PhD, SCAT, ATC, University of South Carolina*

**A Vision, Neurocognition and Dual-Tasking: Implications for Lower Extremity Injury Rehabilitation, (II, IV)**

*Adam Rosen, PhD, ATC, University of Nebraska at Omaha*

*Christopher Burcal, PhD, ATC, University of Nebraska at Omaha*

