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.

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

★ Is the Juice Worth the Stick? Clinical Applications of Phlebotomy in Athletic Training, (II, III, IV)
Jacob Resch, PhD, ATC, University of Virginia

★ 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.

★ Effective Precooling Techniques to Prevent Heat Illness and Enhance Athletic Performance, (I)
Kevin Miller, PhD, AT, ATC, Central Michigan University

★ 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.

★ 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

★ 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

Robert Huggins, PhD, LAT, ATC, Korey Stringer Institute, University of Connecticut
Shawn Arent, PhD, CSCS, Rutgers University

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.

★ Recognition and Management of Exertional Sudden Death Conditions, (III)
Zachary Winkelmann, PhD, SCAT, ATC, University of South Carolina

★ 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

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.

★ 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.

★ 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
Getting the Whole Picture: Assessing Health-Related Quality of Life Following Concussion, (I, II)
Tamara Valovich McLeod, PhD, ATC, FNATA, A.T. Still University

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

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

Neuromechanics of Hamstring Strain Injuries, (IV)
Charles “Buz” Swanik, PhD, ATC, FNATA, University of Delaware
Andrea DiTrani Lobacz, PhD, ATC, Neumann University

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.
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

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

Relative Energy Deficiency in Sport (RED-S) in Male Athletes, (I, II, IV)
Jennifer Doane, ATC, RD, CSSD, Advantage Nutrition & Wellness

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

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

Functional Fascial Lines Assessment and Corrective Techniques, (I, II, IV)
Christopher Flores, ATC, FLO Fitness

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

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

The Qualms of Obtaining a Rectal Temperature: Overcoming Common Barriers for the Clinician, (II, V)
Samantha Scannea, PhD, LAT, ATC, University of Connecticut
Rebecca Lopez, PhD, LAT, ATC, University of South Florida
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

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
Ron Courson, ATC, PT, NRAEMT, University of Georgia
Stanley Herring, MD, University of Washington

Jumping Through the Hoops: Establishing a Medical and Reimbursement Model at the Division I Level, (V)
Jennifer Farrant, MSEd, ATC, University of South Florida
Stephan Walz, MA, ATC, LAT, University of South Florida

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

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

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

Myofascial Decompression (Cupping), (IV)
Brett Winston, PhD, LAT, ATC, Springfield College

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

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

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

The Use of Neurodynamics in the Treatment of Musculoskeletal Dysfunction, (IV)
James Scifers, DScPT, LAT, ATC, Moravian College

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.
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.
Live Surgeries – Syndesmotic Ankle Fixations: Tightrope Versus Screw, (IV)
Steven Kane, MD, Wellstar Atlanta Medical Center

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

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

- Biometric Wearables Common in Baseball, (I)
  Joe Myers, PhD, ATC, Tampa Bay Rays Baseball Club

- 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

- 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

- 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

- 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 McGuire, 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.

- Evaluation and Treatment of Peripheral Vestibular Dysfunction: Demystifying Benign Paroxysmal Positional Vertigo (BPPV), (II, IV)
  David Wilkenfeld, EdD, LAT, ATC, Moravian College

- 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.

- 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

- Controversies in Management of Athletic Anterior Shoulder Instability, (II, IV)
  Charles Thigpen, PhD, PT, ATC, ATI Physcial Therapy
  Ellen Shanley, PhD, PT, OCS, ATI Physcial Therapy

FRIDAY, JUNE 19, 2020

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

- Chronobiology, Sleep Deprivation, Thermoregulation and Physical Performance, (I, IV)
  Yuval Heled, PhD, FACSM, Heller Institute of Medical Research

- 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

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

- **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

- **Strategies to Navigate Complex Scenarios for Women in Athletic Training, (V)**
  - Carolyn Peters, MA, ATC, CSCS, San Diego Christian College

- **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.

- **Athlete Well-Being and Training Load Monitoring on Any Budget, (I)**
  - Brett Pexa, PhD, ATC, High Point University

- **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

- **Utilization of Performance Biometrics to Reduce Injury Risk and Guide Rehabilitation in a Division I Athletic Setting: A Team-Based Approach, (I, IV)**
  - Dan Cobian, PhD, PT, University of Wisconsin
  - Jill Thein-Nissenbaum, PT, ATC, DSc, University of Wisconsin

- **A Sports Medicine Approach to Common Foot Injuries, (I, II, IV)**
  - Jay Spector, DPM, FAAPSM, Atlanta Sports Podiatry

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

  - Yuval Heled, PhD, FACSM, Heller Institute of Medical Research
  - Rebecca Stearns, PhD, ATC, PES, University of Connecticut

  - Clare Minahan, PhD, Griffith University

- **Traumatic Brain Injuries and Musculoskeletal Injury Risk: An Exploration of Potential Neuromuscular Control Mechanisms, (I, IV)**
  - Timothy Mauntel, PhD, ATC, Walter Reed National Military Medical Center
  - Known Neuromuscular Control Deficits Following Traumatic Brain Injury

- **Relationship Building and Conflict Management for Legislative Success, (V)**
  - Anna Sedory, MS, ATC, CSCS, Fairfax County Police Department

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**Leadership and Diversity: How to Grow Leadership in the Future, (V)**
- Presented by the NATA Ethnic Diversity Advisory Committee
- Kysha Harriell, PhD, ATC, LAT, University of Miami
- Why Representative Leadership Matters
  - Grant Wilson, MS, ATC, University of Oregon

**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.**

- **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

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**A Health Care Providers Response to the Active Shooter: Event Response and Trauma Management Once the Shooting Stops, (I, II, III)**
- 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
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.
Can’t Take the Heat? Get Them Off the Field!, (I)
Ali El-Kerdi, DPT, PhD, ATC, Thomas Jefferson University

Rib Injuries: Evaluation, Management and Treatment Options, (II)
Matthew Mills, MA, LAT, ATC, Quinnipiac University

Forum, 10:30 a.m. - 11:25 a.m.
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.
Cannabis in Sport: What the Athletic Trainer Needs to Know, (I, IV, V)
Benjamin Cowin, DC, MS, ATC, Action Spine & Sports Medicine

Blood Biomarkers of Sport-Related Concussion, (II)
Breton Asken, MS, ATC, University of California at San Francisco

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

Proximal Dynamic Functional Stability for the Treatment of Lower Extremity Pathology, (II, IV)
Michael Higgins, PhD, ATC, PT, University of Virginia

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.
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.
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.
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

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

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

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

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
| 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 |
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| Lectures, 7 a.m. - 7:55 a.m. | **What Really Works When It Comes to Concussion Prevention Strategies, (I)**  
Tamara Valovich McLeod, PhD, ATC, FNATA, A.T. Still University |
| | **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 |
| | **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 Sauers, PhD, ATC, FNATA, A.T. Still University |
| | **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 |
| | **Utilizing Biometric Data to Improve Sport Performance or Reduce Risk of Injury, (I)**  
Aaron Wellman, PhD, CSCCA, NSCA, New York Giants |
| | **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 |
| | **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 |
| | **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 |
| | **Youth Athlete Injury Prevention Analysis: Combining Science and Motor Learning, (I, II, IV)**  
Nathan Longcier, MS, ATC, California State University at Fullerton |
| | **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 |
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. | **An Athletic Trainer’s Practical Guide to Utilizing Team-Based GPS Technology, (I)**  
Natalie Kupperman, MEd, ATC, University of Virginia |
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

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.
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

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.
Chronic Exertional Compartment Syndrome: Evaluation, Differential Diagnoses and Treatments, (II, IV)
Joshua Pinkney, MS, ATC, CScS, Mayo Clinic

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

Rolling to Enhance Motor Learning, (I, II, IV)
Barb Hoogenboom, EdD, ATC, PT, Grand Valley State University

Amy Hollingworth, ATC, RN, New Hampshire Musculoskeletal Institute
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.
Transition to Practice: Factors Critical to Success, (V)
Brian Vesci, DAT, ATC, Northwestern University
Steve Nordwall, MA, ATC, Kutcher Clinic

Lectures, 1:05 p.m. - 2 p.m.
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
The Current State and Evidence for Lower Extremity Bracing, (I, IV)
Brent Arnold, PhD, ATC, FNATA, Indiana University - Purdue University Indianapolis
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
Documentation Strategies for Modern Health Care, (V)
Deena Kilpatrick, MS, ATC, LAT, San Antonio Fire Department

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.
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.
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

A Combined Approach to Working with Student Athletes in Distress, (III)
Kevin Thomas, PsyD, California State University at Fullerton
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.
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.
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
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
Application of Diagnostic Ultrasound to Track Tissue Repair, (II, IV)
Noelle Selkow, PhD, ATC, Illinois State University

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
Cardiovascular and Neuromuscular Considerations of the Pediatric Patient During Exercise and Rehabilitation, (IV)
Shelly Fetchen DiCesaro, PhD, LAT, ATC, California University of Pennsylvania

An Evidence-Informed Approach to Rehabilitation Following Orthobiologic Procedures, (IV)
Ken Mautner, MD, Emory University
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  

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  

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  

Fundamentals of Musculoskeletal Ultrasound in Sports Medicine, (II)  
Joshua Hackel, MD, CAQSM, RMSK, Andrews Orthopedic & Sports Medicine Center  

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.  
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  

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  

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  

Telemedicine Solutions for Clinical Practice, (I, II, III)  
Zachary Winkelmann, PhD, SCAT, ATC, University of South Carolina  

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