



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.

F **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

