



Patricia M. Tripp, PhD, LAT, ATC, CSCS
Clinical Associate Professor
Director & Clinical Education Coordinator
Undergraduate Athletic Training Program
University of Florida, Gainesville, FL

Dr. Tripp is a Clinical Associate Professor and the Director and Clinical Education Coordinator for the Undergraduate Athletic Training Program at the University of Florida. She earned her PhD in Exercise Science and Biomechanics from the University of Kentucky in 2004, Master of Science in Exercise Science and Biomechanics from Auburn University in 2001, and Bachelor of Science in Exercise and Sport Science (emphasis in Athletic Training) from the University of Florida in 1998. Her scholarly focus within athletic training, sports medicine and biomechanics includes -

- Neuromuscular and Biomechanical Factors Related to Lower Extremity Injury
- Gait Analysis
- Injury Prevention and Epidemiology
- Clinical Application – Case Injuries

Dr. Tripp is an active member of the athletic training profession – she is the Vice President of the Athletic Trainers' Association of Florida (ATAF), Co- Coordinator and speaker for the Southeast Athletic Trainers' Association (SEATA) Athletic Training Student Symposium and The District 9 Chair for the NATA Research & Education Foundation Board of Directors. Dr. Tripp was recognized by the National Athletic Trainers' Association (NATA) as a recipient of the Athletic Training Service Award (2013) and as the 2011 College/University Athletic Trainer of the Year by ATAF.



Valerie Moody PhD, ATC, LAT, CSCS, WEMT-B
Associate Professor
Director, Athletic Training Program
University of Montana, Missoula, MT

Valerie Moody completed her undergraduate studies in athletic training at the University of Northern Colorado under the leadership of Dan Libera and her graduate studies at the University of Nebraska-Omaha. She then moved to Vail, CO to complete a fellowship at the Steadman Hawkins Clinic and assumed the Director of the Fellowship program immediately following. She worked as a physician extender at Steadman Hawkins for 4 years prior to starting her doctoral education at the University of South Florida working with Dr. Mick Cuppett and serving as the Clinical Coordinator of the ATP. Valerie is currently in her 9th year at the University of Montana where she serves as Program Director of the Athletic Training Program (both undergraduate and graduate). Valerie is certified as a strength and conditioning specialist and wilderness EMT. She also serves as the District 10 chair for the NATA Foundation, as the interim Vice President for the Montana Athletic Trainers' Association and is a member of the CAATE Annual Report Review team. She serves on several committees at the local, regional and national level. In 2014, Dr. Moody was a recipient of the NATA Service Award. In her free time, she enjoys spending time outdoors running, hiking, fishing and camping with her husband and two children.

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Elective Workshop: Saturday, 28 February, 2015

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Title

Resources for Educators, Clinical Faculty/Preceptors – How Evidence Supports our Professional Growth?

- Part 1: Incorporating the Evidence
- Part 2: Translating the Evidence into Clinical Practice
- Part 3: Closing the Loop

Intended outcomes of the session

1. Assemble tools to incorporate position statements, clinical building blocks, grant summaries and research into the classroom
2. Construct clinical policies/procedures using evidence
3. Formulate methods to bridge the gap between science and practice that promotes professional development for preceptors and students

Abstract

As healthcare professionals, athletic trainers have an obligation to their patients/athletes to make clinical decisions using the best evidence available. Educators have a duty to incorporate current, valuable and evidence-based skills when teaching the students within their programs. Essential components of successful professional advancement require 1) an understanding of current and useful evidence and 2) promotion of evidence-based skills so students can learn and apply them clinically. Given that education requires a combined effort between classroom and clinical experiences – appropriate use of evidence by clinical mentors can promote effective learning strategies for AT students. Therefore, the session will provide tools for educators and clinicians/preceptors so together they may effectively use evidence to promote the advancement of our profession. By evolving “what” we teach and “how” we make decisions, students can learn the value of evidence to achieve positive patient outcomes.



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Athletic Training Programs Educational Information

Position Statements

1. [Management of Sport Concussion](#) (March 2014)
2. [Preparticipation Physical Examinations and Disqualifying Conditions](#) (February 2014)
3. [Conservative Management and Prevention of Ankle Sprains in Athletes](#)
4. [Lightning Safety for Athletics and Recreation](#) (March 2013)
5. [Evaluation of Dietary Supplements for Performance Nutrition](#) (February 2013)
6. [Anabolic-Androgenic Steroids](#) (Sept. 2012)
7. [National Athletic Trainers' Association Position Statement: Preventing Sudden Death in Sports](#) (Feb. 2012)
8. [Heat Illness Treatment Authorization Form](#)
9. [*Please see Consensus Statements for Heat Illness Guidelines](#)
10. [National Athletic Trainers' Association Position Statement: Safe Weight Loss and Maintenance Practices in Sport and Exercise](#) (June 2011)
11. [Pediatric Overuse Injuries](#) (April 2011)
12. [Preventing, Detecting, and Managing Disordered Eating in Athletes](#) (Feb. 2008)
13. [Management of the Athlete with Type 1 Diabetes Mellitus](#) (Dec. 2007)
14. [Management of sport-related concussion](#) (Sept. 2004) | [PowerPoint presentation](#)
15. [Management of asthma in athletes](#) (Sept. 2005) | [PowerPoint presentation](#)
16. [Endorsed by the American Academy of Pediatrics](#)
17. [Head down contact and spearing in tackle football](#) (March 2004) | [PowerPoint presentation](#)
18. [Heads Up video](#)
19. [Fluid replacement for athletes](#) (June 2000) | [PowerPoint presentation](#)
20. [Exertional heat illnesses](#) (Sept. 2002) | [PowerPoint presentation](#)
21. [Emergency planning in athletics](#) (March 2002) | [PowerPoint presentation](#)
22. [Environmental Cold Injuries](#)
23. [Acute management of the cervical spine-injured athlete](#)
24. [National Athletic Trainers' Association: Skin Disease](#)

Consensus Statements

1. [Inter-Association Recommendations in Developing a Plan for Recognition and Referral of Student-Athletes with Psychological Concerns at the Collegiate Level](#)
 - [Executive Summary](#)
 - [Press Release](#)
2. [Inter-Association Consensus Statement on Best Practices for Sports Medicine Management for Secondary Schools and Colleges](#)
3. [Preventing sudden death in secondary school athletics](#)
4. [Inter-Association Task Force for Preventing Sudden Death in Collegiate Conditioning Sessions: Best Practices Recommendations](#)
 - [News Release](#)
 - [Fact sheet](#)
 - [Press Conference Speaker Bios](#)
5. [Preseason heat-acclimatization guidelines for secondary school athletics \(2009\)](#)
6. [Managing Prescriptions and Non-Prescription Medication in the Athletic Training Facility \(Jan. 2009\)](#)
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7. [Appropriate medical care for secondary school-age athletes \(Feb. 2003\)](#)
8. [Inter-Association Recommendations on Emergency Preparedness and Management of Sudden Cardiac Arrest in High School and College Athletic Programs \(March 2007\)](#)
[- Executive Summary](#)
9. [Inter-Association Task Force on Exertional Heat Illnesses \(June 2003\)](#)
10. [Prehospital Care of the Spine-Injured Athlete \(2001\)](#)
11. [Acute Management of the Cervical Spine Injured Athlete position statement](#)
12. [Sickle Cell Trait and the Athlete](#)
[- News Release](#)
[- Fact Sheet](#)

Official Statements

1. [Meaningful Use Statement](#) (Aug 2014)
2. [Proper Supervision of Secondary School Student Aides](#) (June 2014)
3. [Pre-hospital Care of the Athlete with Cervical Spine Injury](#) (May 2014)
4. [Friday Night Tykes](#)
5. [Automated external defibrillators](#) (2003)
6. [Commotio cordis](#) (Oct. 2007)
7. [Communicable and Infectious Diseases in Secondary School Sports](#) (March 2007)
8. [Community-acquired MRSA infections](#) (March 2005)
9. [Calling Crown of the Helmet Violations](#) (August 2013)
10. [Full-time, on-site athletic trainer coverage for secondary school athletic programs](#)
11. [Providing Quality Health Care and Safeguards to Athletes of All Ages and Levels of Participation](#) (December 2011)
12. [Steroids and performance enhancing substances](#) (March 2005)
13. ["Time Outs" Before Athletic Events Recommended for Health Care Providers](#) (August 2012)
14. [Use of qualified athletic trainers in secondary schools](#) (Feb. 2004)
15. [Youth football and heat related illness](#) (July 2005)

Support Statements

1. [The Coalition to Preserve Patient Access to Physical Medicine and Rehabilitation Services \(Dec. 2005\)](#)
2. [American Academy of Family Physicians' support of athletic trainers for high school athletes \(2007\)](#)
3. [American Medical Association's support of athletic trainers in secondary schools \(July 1998\)](#)
4. [Appropriate medical care for secondary school-age athletes \(Manuscript\) \(2004\)](#)
5. [Endorsement of NATA Lightning Position Statement by the American Academy of Pediatrics \(April 2002\)](#)
6. [Recommendations and guidelines for appropriate medical coverage of intercollegiate athletics](#)
 - o [NCAA support of Recommendations and guidelines for appropriate medical coverage of intercollegiate athletics \(Aug. 2003\)](#)

Building Blocks for Clinical Practice

[#10 Treatments of Heat Illness](#)

[#9: Types of Heat Illness](#)

[#8: Chest Percussion and Auscultations](#)

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Athletic Training Programs Educational Information

[#7: Cardiac Assessment Part 2](#)

[#6: Cardiac Assessment Part 1](#)

[#5: Abdominal Assessment](#)

[#4: Abdomen](#)

[#3: Viral Infections of the Skin](#)

[#2: Bacterial Infections of the Skin](#)

[#1: Fungal Infections of the Skin](#)

Grant Summaries

1. [The Effects of a 4 Week BAPS Rehabilitation Program on Subjects with Functional Ankle Instability](#)
2. [The Identification of Biomechanical Predictors of Lower Extremity Energy Absorption](#)
3. [Descriptive Epidemiology of Injury to the Cruciate Ligaments](#)
4. [The Effect of a 4-Week Balance Training Program on Postural Control and Gait Performance in Those with Chronic Ankle Instability](#)
5. [Relationships Between Lower Extremity Posture and Lower Extremity Kinematics with Posterior Lateral Hip Activation During A Single Leg Squat](#)
6. [Neuromuscular Inhibition of the Dynamic Ankle Stabilizers in Patients with Functional Ankle Instability](#)
7. [Prevalence of Disordered Eating, Menstrual Dysfunction and Musculoskeletal Injury in Female High School Athletes](#)
8. [A Comparison of Muscle Activation and Knee Joint Stiffness Between Female Dancers and Basketball Players During Drop Jumps](#)
9. [Clinical Presentation and Management of Children and Adolescents with Low Back Pain](#)
10. [Occupational Stress, Coping and Burnout Detection in the Athletic Training Profession](#)
11. [Single Kidney and Sports Participation](#)
12. [Motor Evoked Potential Differences Between Concussed and Non-concussed Athletes as Determined by Transcranial Magnetic Stimulation](#)
13. [Shock Attenuation Characteristics for Children Runners](#)
14. [The Effect of Tibialis Anterior Fatigue on the Tibial Internal Rotation and Eversion During Heel-Toe Landing](#)
15. [Three-Dimensional Joint Position Sense on Shoulder Instability](#)
16. [The Accuracy of Screening Echocardiography in Detecting Hypertrophic Cardiomyopathy in the Pre-Participation Athletic Physical](#)
17. [Contributing Factor to Chronic Ankle Instability](#)
18. [Relationships of Strength and Endurance of Hip Abductors to Functional Performance](#)
19. [Examining Heat Acclimatization in High School Football Players](#)
20. [Predictors of Stress Fracture in Active Female Adolescents](#)
21. [Anterior Tibialis Fatigue Disrupts Knee Flexion-Pronation Synchrony During Running](#)
22. [Comparison of Shoulder and Elbow Joint Position Sense Using a Vibration Stimulus](#)
23. [Comparative Analysis of Ultrasound Beam Profiles Produced by Various Manufacturers](#)
24. [The Effects of Ultrasound Delivery Method and Energy Transfer on Skeletal Muscle Regeneration](#)
25. [Reliability and Validity of a Scapular Motion Classification System for Screening and Clinical Practice](#)
26. [Concussion Symptom Resolution](#)
27. [The Relationship Between Muscle Stiffness and Muscle Spindle Sensitivity in the Triceps Surae](#)
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28. [Gender Differences and Neuropsychological Impairments in Collegiate Athletes](#)
29. [The Effects of Fatigue and Chronic Ankle Instability on Dynamic Postural Control](#)
30. [The Effects of Estrogen on Motoneuron Activity and Knee Joint Laxity](#)
31. [The Effects of Knee Joint Effusion and Cryotherapy on Lower Chain Function](#)
32. [An Epidemiological Investigation of the Female Athlete Triad Among Female High School Athletes](#)
33. [A Comparison Between Static and Dynamic Postural Stability in Functionally Stable and Unstable Ankles](#)
34. [Acute and Chronic Adaptations in the Throwing Shoulder of Professional Baseball Players with Implications Concerning Injury](#)
35. [The Development and Assessment of Standards and Criteria for the Selection, Training, and Evaluation of Athletic Training Approved Clinical Instructions](#)
36. [The Effects of Various Forms of Augmented Feedback on Reducing Jump-Landing Forces](#)
37. [Biomechanical and Neuromuscular Aspects of Non-Contact ACL Injuries: The Influence of Gender, Experience, and Training](#)
38. [A Comparison of Objective and Subjective Measures of Glenohumeral Joint Function Following Thermal and Open Capsulorrhaphy](#)
39. [EMG and Kinematic Analysis of Drop Jumps from an Unknown Height](#)
40. [Head Movement and Hand Placement Patterns Associated with Various Face Mask Removal Tools](#)
41. [Non-Contact ACL Injuries in Females: Possible Mechanisms From a Developmental Perspective](#)
42. [Predictors of Functional Outcome Following Anterior Cruciate Ligament Reconstruction](#)
43. [The Effect of Ankle Orthoses on Effective Ankle Stiffness in Functionally Unstable and Normal Ankles](#)
44. [Influence of Creatine Use on Exercise Heat Tolerance in Dehydrated Athletes](#)
45. [Are There Carriers of Ringworm Among Competitive Wrestlers?](#)
46. [Incidence and Player Risk Factors for Injury in Youth Football](#)
47. [The Effect of Monophasic High Voltage Stimulation on Markers of Muscle Injury](#)
48. [An Examination of Mitochondrial Function Following Crush Injury](#)
49. [The Influences of Lower Extremity Limb Alignment on Neuromuscular Timing and Activation Patterns](#)
50. [Gait Perturbation Response in Pre and Post ACL Surgical Subjects and Healthy Individuals](#)
51. [The Effect of Low-Intensity Ultrasound on Medial Collateral Ligament Healing in Rabbits](#)
52. [Radiographic Validation and Reliability of Selected Clinical Measures of Pronation](#)
53. [Effects of Creatine Supplementation on Anterior Compartment Pressure During Rest and Exercise](#)
54. [The Effect of Endogenous Estradiol Levels at Three Phases of the Menstrual Cycle on Anterior Cruciate Ligament Stiffness in Active Females](#)
55. [Knee Joint Forces While Walking With and Without a Functional Knee Brace in Recent ACL-Reconstructed Subjects](#)
56. [Relationships Between Impairments, Three Dimensional Kinematics, and Self-Report in Patients with Subacromial Impingement](#)
57. [Joint Power Adaptations to Anterior Cruciate Ligament Deficiency and Replacement](#)
58. [Psychological Distress and Coping Following Athletic Injury Among Children and Adults: Impact Upon Rehabilitation](#)
59. [The Effects of Creatine Supplementation on Intracellular and Extracellular Water Content](#)



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60. [The Effects of Hormone Levels in Female Athletes on the Frequency of Anterior Cruciate Ligament Injury](#)
61. [Selection and Evaluation of Guidelines for Clinical Education Settings in Athletic Training](#)
62. [Sensorimotor Evaluation of Post-Operative Anterior Cruciate Ligament Reconstruction Patients](#)
63. [Effect of Ultrasound on Spleenocytes and Lymphokine Production](#)
64. [The Effect of Electromagnetic Fields on Chemically-Induced Tendinitis in Rats](#)
65. [Neuromuscular Response Characteristics in Males and Females following Perturbance of the Knee](#)
66. [Effect of Various Qualities of Ultrasound Crystals on Muscle Temperature and Patient Comfort](#)
67. [The Effects of Knee Joint Reaction Force Characteristics during a Selected Closed Chain Exercise](#)
68. [A Study of the Relationship between Life Events and Incidence of Injury in High School Football](#)
69. [An Assessment of Learning Preferences Among Undergraduate Athletic Training Students](#)
70. [Effect of Mild Brain Injury on Cognition and Postural Stability](#)
71. [Effect of Physical Activity on Knee Brace Migration](#)
72. [Treatment of Delayed Onset Muscle Soreness](#)
73. [Entry Level Salaries for Athletic Trainers](#)
74. [Quantification of Ankle Proprioception in the Normal and Injured Ankle](#)