

INDIANA CONVENTION CENTER • CONVENTION.NATA.ORG



INDIANAPOLIS

National Athletic Trainers' Association
65TH CLINICAL SYMPOSIA & AT EXPO

WEDNESDAY, JUNE 25 - SATURDAY, JUNE 28, 2014

THE
OFFICIAL GUIDE
of the
2014 NATA CONVENTION

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National Athletic Trainers' Association 2014 CONFERENCE APP



- MEET & NETWORK WITH OTHER ATTENDEES
- FIND EXHIBITORS THAT MATCH YOUR INTERESTS
- DIGITAL COLLATERAL
- VIEW ATTENDEE'S PERSONAL PROFILES
- POST COMMENTS TO THE CONFERENCE & OUT TO SOCIAL MEDIA
- SEND & RECEIVE IN-APP MESSAGES
- BUILD A PERSONAL SCHEDULE
- VIEW EXHIBITOR'S & SPONSOR'S PROFILES
- EXCHANGE DIGITAL BUSINESS CARDS



GATORADE SPORTS SCIENCE INSTITUTE

YOUTH SPORTS HEALTH AND SAFETY: KEY NUTRIENTS TO ATHLETIC SUCCESS

Michael F. Bergeron, Ph.D., FACSM, Executive Director – National Youth Sports Health & Safety Institute

For young athletes, regular participation in youth sports can provide myriad health and fitness benefits, as well as an opportunity to learn about discipline, commitment and teamwork. The advantages can even extend to enhanced academic achievement.

Learning proper technique, being allowed to develop slowly, being exposed to a variety of foundational athletic experiences and getting enough sleep all contribute to young athletes maximizing athletic success. Eating well and hydrating sufficiently are also integral to maintaining performance *and* health and safety. Every youth athlete, no matter the ability level needs to be well-nourished and well-hydrated to train and play up to their capability.

DEHYDRATION – A PREVENTABLE PROBLEM?

It's no secret that as the heat and humidity rise, athletes sweat more – so the need to consume more fluid during and after physical activity in such conditions is clear. Additionally, as intensity and duration of training and competition in the heat increases, sweating and total fluid loss increase even more as the body does its best to regulate temperature. Many adolescent athletes are capable of sweating quite a bit, especially with strenuous exercise or other physical activity.

Other Common Contributing Factors:

- Poor habits developed during practice, like thinking that hydration doesn't matter unless a game is on the line. It's often apparent that what a young athlete gets away with in practice doesn't hold up during intense competition.
- Limited opportunities to consume fluids.
- Tournament play – when multiple games are scheduled on the same day with short recovery periods between contests.
- Recent illness – especially if it involved vomiting and/or diarrhea.

The Solution:

Hydration efforts before, during and after training and competition for all youth athletes often have to be more deliberate than just leaving it to chance or waiting until there is a problem. This is especially critical in

the heat. The harder and longer a young athlete trains or competes, and the hotter and more humid it is, the need for additional timely carbohydrate (energy) is proportionately greater. This is when a properly formulated sports drink can work well. And for those youth athletes who sweat a lot, oftentimes an increase in sodium intake during and after activity is necessary to help better retain and distribute fluid throughout the body.

WHAT ABOUT OTHER NUTRITION?

Especially for growing, active young athletes, proper nutrition is essential. A good place to start is by recognizing "What's good for health is good for performance." That is, youth athletes, like all kids, need to eat a well-balanced and nutritious diet with enough calories, carbohydrate and protein each day to support normal growth *and* sports participation. No skipping meals – and there should be enough time allowed to sufficiently digest a meal before working out or competing hard. Accordingly, nutritious pre- or during-workout snacks and sport drinks work well the less time there is for a larger meal before having to train or compete.

THE MESSAGE:

Proper hydration and nutrition are essential for young athletes to maintain health, safety and performance. Hydrating and eating properly before, during and after training and competition will help give young athletes their best chance to perform at the highest level while also helping to keep them healthy and safe.



EVERY LAST OUNCE

HELP THEM SAFELY GIVE IT EVERYTHING THEY'VE GOT.

Keeping your athletes safely hydrated during any activity is essential. And Gatorade® Thirst Quencher is scientifically formulated with essential fluids and electrolytes to help replace what they've lost in sweat. Plus, it contains the necessary amount of carbohydrates to help stimulate fluid absorption and fuel their active bodies so they can continue to push even harder.

Your winning season starts now.



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NATIONAL ATHLETIC TRAINERS' ASSOCIATION
HEALTH CARE FOR LIFE & SPORT



Electrolytes to help replace
what they sweat out



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NATA Convention Program Committee

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St. Vincent Sports Performance



General Information

* Pre-Registration required

CONTINUING EDUCATION CREDITS

Certified athletic trainers who attend all three days of the NATA 65th Clinical Symposia & AT Expo will earn up to 24 CEUs.

Additional CEUs* may be earned by attending Advanced Track Seminars (6 CEUs for Wednesday events; 4 CEUs for Sunday events), Minicourses (1 CEU each) and Career Development pre-conference workshops (CEUs vary).

CONVENTION ATTIRE

We strongly encourage participants to dress in a manner befitting professionals, while attending educational events and exhibits. Business casual—shirts, slacks, skirts and blouses (no jeans or shorts) is the recommended attire.

Learning Lab participants should change into lab attire (something comfortable you can move in) for the Learning Lab and return to business casual afterward.

GUEST ADMITTANCE POLICY

Although there is no charge for guests and children, they must be registered to attend. A Child Release Form must be completed for children under 18. Adult guests and children 12+ will receive a convention badge. A child verification card will be issued for children 11 and under. Guests and children may attend the Welcome Reception, Hall of Fame Induction Ceremony, and the General Session.

The AT Expo is open to adult guests, children 12 and older, and infants during unrestricted hours. Strollers are not allowed on the show floor. Children must be accompanied by an adult registrant.

Guests are not permitted to attend educational programming.

REGISTRATION/CUSTOMER SERVICE HOURS

ICC, Hall H

Wednesday, June 25	7:00 am – 7:00 pm
Thursday, June 26	6:30 am – 4:30 pm
Friday, June 27	6:45 am – 5:15 pm
Saturday, June 28	6:45 am – 1:00 pm

CAREER CENTER

If you're looking for a position or simply want to compare your current position with other opportunities, the members-only onsite Career Center is a great opportunity.

Your resumé is one of the first impressions potential employers will obtain of you. Have you ever wanted your resumé critiqued by someone in the AT profession? Resumé review is offered at no cost to attendees. Come by the Career Center desk and set up an appointment or drop off your resumé and pick it up later.

CAREER CENTER HOURS

ICC, Hall H

Thursday, June 26	8:00 am – 5:00 pm
Friday, June 27	8:00 am – 5:00 pm
Saturday, June 28	8:00 am – 12:00 pm



INDIANA CONVENTION CENTER PARKING

Downtown Indianapolis hosts more than 70,000 parking spaces. A map of parking options provided by the Indiana Convention Center can be found here: www.icclos.com/pdf/DTParkingMap.pdf Parking rates vary. Additional information on parking rates can be found here: www.indydt.com

SHUTTLE SERVICE

The following NATA hotels will have shuttle service to the Indiana Convention Center (ICC) for official convention events:

- Comfort Suites City Centre (515 S. West Street)
- Hampton Inn Downtown Indianapolis (105 S. Meridian Street)
- Hilton Indianapolis Hotel & Suites (120 W. Market Street)
- Holiday Inn Express Hotel & Suites City Centre (410 S. Missouri Street)
- Sheraton Indianapolis City Centre (31 W. Ohio Street)
- Staybridge Suites Indianapolis City Centre (535 S. West Street)

Limited shuttle service starts Wednesday, June 25 at 6:30am and ends 30 minutes after the Welcome Reception. Thursday shuttle service starts 45 minutes before educational programming begins and ends 30 minutes after district meetings. Friday and Saturday, shuttle service starts 45 minutes before and ends 30 minutes after educational programming. Buses run every 20 to 30 minutes.

DISTRICT MEETINGS

Thursday, June 26	6:15 pm – 7:15 pm
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See page 31 for locations.

NATA BOARD OF DIRECTORS' MEETING SCHEDULE

Board meetings are open to NATA members.

JW, White River E	
Tuesday, June 24	8:00 am – 5:00 pm
JW, White River E	
Saturday, June 28	10:00 am – 5:00 pm
JW, White River E	
Sunday, June 29	8:00 am – 11:00 am

ALL NATA EVENTS WILL TAKE PLACE IN THE FOLLOWING LOCATIONS:

- Indiana Convention Center: (ICC)
- JW Marriott Indianapolis: (JW)
- Indianapolis Marriott Downtown: (Marriott)
- The Westin Indianapolis: (Westin)
- Hyatt Regency Indianapolis: (Hyatt)

A map of the key hotels can be found on page 113.



Program-at-a-Glance

PROGRAM AT A GLANCE

WEDNESDAY, JUNE 25

(NATA COMMITTEE MEETING DAY)

- 7:00 am – 7:00 pm Attendee Registration
- 8:00 am – 5:00 pm Career Development Events
 
- 10:30 am – 5:30 pm Advanced Track Seminars
- 4:00 pm – 5:00 pm Minicourse
- 5:15 pm – 6:15 pm Minicourse
- 6:30 pm – 8:30 pm Welcome Reception

THURSDAY, JUNE 26

- 6:30 am – 4:30 pm Attendee Registration
- 7:00 am – 8:00 am Minicourses
- 7:00 am – 9:00 am NATAPAC Breakfast
- 8:00 am – 5:00 pm Career Center
- 8:15 am – 10:15 am Feature Presentations, Learning Labs & Sessions
- 8:45 am – 9:45 am Special Topics, Peer-to-Peer Discussion
- 9:00 am – 12:00 pm Athletic Training Student Seminar (ATSS) – General Session/Breakouts
- 10:00 am – 5:00 pm AT Expo Open (restricted to certified and associate members), NATA Connect
- 10:45 am – 11:45 pm Special Topics, Peer-to-Peer Discussion
- 10:45 am – 12:45 pm Feature Presentations, Learning Labs & Sessions
- 12:45 pm – 1:30 pm Lunch Break/AT Expo Open
- 1:30 pm – 2:30 pm Special Topics, Peer-to-Peer Discussion
- 1:30 pm – 3:30 pm Feature Presentations, Learning Labs & Sessions
- 1:45 pm – 3:45 pm Researchers' Forum
- 2:00 pm – 4:00 pm ATSS: Ron Culp – NBATA Cadaver Workshop
- 4:00 pm – 5:00 pm Special Topics, Peer-to-Peer Discussion
- 4:00 pm – 6:00 pm Feature Presentation, Learning Labs & Session
- 6:15 pm – 7:15 pm District Meetings

FRIDAY, JUNE 27 J&J DAY!

- 6:45 am – 5:15 pm Attendee Registration
- 7:00 am – 9:00 am Feature Presentation, Learning Labs & Sessions
- 7:30 am – 8:30 am Special Topics, Peer-to-Peer Discussion
- 8:00 am – 5:00 pm Career Center



FRIDAY

- 9:15 am – 10:15 am
- 9:15 am – 11:15 am
- 10:00 am – 5:00 pm
- 10:15 am – 11:15 am
- 11:15 am – 11:45 am
- 11:45 am – 1:45 pm
- 2:00 pm – 3:00 pm
- 3:00 pm – 4:00 pm
- 4:00 pm – 4:45 pm
- 5:00 pm – 6:00 pm
- 5:00 pm – 7:00 pm
- 5:00 pm – 7:00 pm
- 7:00 pm
- 7:15 pm – 8:15 pm

J&J DAY! (CONTINUED)

- Face Time '14, Special Topics, Peer-to-Peer Discussion
- Feature Presentations, Learning Labs & Sessions
- AT Expo Open (all), NATA Connect
- ATSS: Student Career Roundtables
- Lunch Break/AT Expo Open
- J&J Feature Presentation
- NATA Hall of Fame Induction Ceremony
- General Session/Annual Members' Meeting
- J&J Keynote Speaker
- Special Topics, Peer-to-Peer Discussion
- Learning Labs & Sessions
- AT Student Quiz Bowl
- NATA Foundation Fundraiser
- Minicourses

SATURDAY, JUNE 28

- 6:45 am – 1:00 pm Attendee Registration
- 7:00 am – 8:00 am Minicourses
- 8:00 am – 9:45 am Pinky Newell Scholarship & Leadership Breakfast
- 8:00 am – 12:00 pm Career Center
- 8:15 am – 10:15 am Feature Presentations, Learning Labs & Sessions
- 8:45 am – 9:45 am Special Topics, Peer-to-Peer Discussion
- 10:00 am – 1:00 pm AT Expo Open (all), NATA Connect
- 10:45 am – 11:45 am Special Topics, Peer-to-Peer Discussion
- 10:45 am – 12:45 pm Feature Presentations, Learning Labs & Sessions
- 12:45 pm – 1:15 pm Lunch Break/AT Expo open until 1 pm
- 1:15 pm – 2:15 pm Special Topics, Peer-to-Peer Discussion
- 1:15 pm – 3:15 pm Feature Presentation, Learning Labs & Sessions
- 3:30 pm – 4:30 pm Special Topics, Peer-to-Peer Discussion
- 3:30 pm – 5:30 pm Learning Lab & Sessions

SUNDAY, JUNE 29

- 8:00 am – 12:00 pm Advanced Track Seminar



EDUCATIONAL PROGRAM

FORMAT	LENGTH	NUMBER OF SPEAKERS	MAX ATTENDANCE	TYPE	ADDITIONAL FEE/CEUs
Advanced Track Seminars*	4 or 6 hours	1-5	100	Lecture & Lab; Case Study Presentations	Yes/4 or 6 CEUs
Minicourses*	1 hour	1	Room Capacity	Lecture	Yes/1 CEU
Feature Presentations	2 hours	1-3	Room Capacity	Lecture	No
Learning Labs*	2 hours	1	150	Lecture & Lab	No
Special Topics	1 hour	1	Room Capacity	Lecture	No
Peer-to-Peer Discussions	1-1.5 hours	-	~ 200	Facilitated Discussion	No
Researchers' Forum	2 hours	3	Room Capacity	Lecture & Discussion	No
Evidence-Based Forums	1 hour	2	Room Capacity	Facilitated Discussion	No
Athletic Training Student Seminar & Cadaver Session	11 hours	10+	Room Capacity	Lecture & Discussion	No

FREE COMMUNICATIONS

FORMAT	LENGTH		NUMBER OF SPEAKERS	MAX ATTENDANCE	TYPE
	Speaker	Session			
Poster Presentation	-	1-5	-	-	Display (30-45 minutes with author)
Oral Presentation	15 min	1-4 hours	Varies	Room Capacity	Presentation & Discussion
Clinical Case Report	15 min	1-4 hours	Varies	Room Capacity	Presentation & Discussion

FIVE DOMAINS OF ATHLETIC TRAINING

See the Roman numeral in parentheses at the end of each 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 & Diagnosis
- III. Immediate and Emergency Care
- IV. Treatment and Rehabilitation
- V. Organizational and Professional Health and Well-Being

LATE ADMISSION TO LEARNING LABS

Pre-Registered attendees lose their seat if they do not arrive within 10 minutes of the start time. If seats are still available 10 minutes after the start of the event, volunteers will allow one person in to fill each empty seat in the room.

BOC EBP CATEGORY CEUS

As a bonus for attendees of the three-day NATA convention, complimentary online courses eligible for BOC EBP Category CEUs will be made available to all attendees following convention. Look for an e-mail coming to your inbox to tell you how to access and complete these online courses. All onsite events attended at convention are to be reported to the BOC as Category A CEUs. Athletic Trainers are responsible for claiming only those hours actually spent participating in the continuing education activity.

SYMBOLS

Level of Difficulty:

-  Essential
  Advanced
  Mastery



Educating the Educator

This symbol indicates programming of particular interest to educators.



Administrators Program

This symbol indicates programming of particular interest to administrators.



Young Professionals

This symbol indicates programming of particular interest to young professionals.



StarTRACKS Program

StarTRACKS is NATA's leadership development program. Look for this symbol to find programs that meet StarTRACKS requirements.



2014 Award Presentations

Following is the schedule of the 2014 award presentations and recognition events.

NATA HALL OF FAME

WEDNESDAY, JUNE 25, 6:30 PM – 8:30 PM

Welcome Reception

Georgia Street

2014 Hall of Fame Inductees will be situated in their respective district areas. Be sure to stop by and congratulate your colleagues receiving this prestigious honor.

FRIDAY, JUNE 27, 2:00 PM – 3:00 PM

Hall of Fame Induction Ceremony

ICC, Hall F

Award recipients are listed in alphabetical order.

2014 HALL OF FAME INDUCTEES

- Jon Almquist, ATC, VATL
- David Draper, EdD, ATC, FNATA
- Mark Gibson, MEd, ATC, PT
- Catherine A. Grove, PhD, ATC, LAT
- Paula Sammarone Turocy, EdD, ATC
- Kenneth Wright, DA, ATC

Special thanks to Johnson & Johnson for providing the jackets proudly worn by Hall of Fame members.

AWARDS PRESENTED AT GENERAL SESSION

FRIDAY, JUNE 27, 3:00 PM – 4:00 PM

NATA General Session

ICC, Hall F

EVE BECKER-DOYLE LEADERSHIP AWARD

- Kent P. Falb, ATC

MOST DISTINGUISHED ATHLETIC TRAINER AWARD

- Thomas Abdenour, ATC, PES, CES
- Dale F. Blair, MS, ATC, CSCS
- Sara D. Brown, MS, ATC
- Mitchell L. Cordova, PhD, ATC, FNATA
- Craig R. Denegar, PhD, ATC, FNATA
- Thomas W. Kaminski, PhD, ATC, FNATA
- Tim Kelly, MS, ATC
- Jackie J. Kingma, DPT, ATC, PT
- Jill A. Manners, MS, ATC, PT
- Linda Fabrizio Mazzoli, MS, LAT, ATC
- Robb Rehberg, PhD, ATC, NREMT
- Russ Richardson, EdD, ATC/L
- J. Timothy Sensor, ATC, LAT
- Cindy Trowbridge, PhD, ATC, LAT
- Benito J. Velasquez, DA, ATC, LAT
- Craig A. Voll, Jr., LAT, ATC

ATHLETIC TRAINER SERVICE AWARD

- Martin H. Baker, MS, ATC
- L. Scott Barringer, MEd, LAT, ATC
- Scott L. Bruce, MS, ATC
- W. David Carr, PhD, ATC
- Michael Catterson, MS, ATC, LAT
- Mark I. Cherwony, MS, ATC
- Glen "Larry" Cooper, MS, LAT, ATC
- Erin L. Cramer, ATC, PA-C
- Jonathan H. Dana, ATC, N.H.LAT
- Jon "JD" Darling, ATC, LAT
- Jennifer Earl-Boehm, PhD, LAT, ATC
- Keith Eggleston, AT/L, ATC
- Jessica Emlich Jochum, PhD, AT, ATC
- Karen D. Fennell, MS, ATC
- James Scott Galloway, ATC
- Darrell Ganus, ATC
- Darrell J. Gililand Jr., EdD, ATC, LAT
- Gary R. Hanna, ATC
- Laura L. Harris, PhD, ATC
- Kelley Henderson, MEd, ATC, LAT
- Kevin J. Herod, MS, ATC, SCAT
- Gregor A. Hill, MS, ATC, CSCS

AWARDS PRESENTATIONS



2014 Award Presentations

ATHLETIC TRAINER SERVICE AWARD, CONTINUED

- Chris H. Hummel, MS, ATC
- Gregory Janik, MS, LAT, ATC
- Scott J. Johnson, MEd, ATC, VAT-L
- Lisa K. Kluchurosky, MEd, ATC
- Paul J. Krawietz, EdD, ATC, LAT
- Tom Kuster, MS, ATC, PES
- Christine A. Lauber, EdD, LAT, ATC
- Scott E. Lawrance, DHS, LAT, ATC
- Elicia Leal, MEd, ATC, LAT
- Lana Loken, EdD, ATC
- Doug Long, PhD, ATC, CES
- Kembra L. Mathis, MEd, ATC/LAT
- Alan Maynard, MEd, ATC
- Susan McGowen, PhD, ATC, LAT
- Randy Meador, MS, ATC
- Brent B. Millikin, MEd, ATC
- Valerie Moody, PhD, ATC, LAT
- Thaddeus L. Moore, Jr., MA, ATC
- Thomas "TJ" Morgan, MS, ATC, PES
- Gary E. Morin, PhD, ATC
- Dan Newman, MS, ATC, LAT
- Michael Prybicien, MA, ATC, CSCS
- J. "Raz" Razayeski, ATC, SCAT
- Rick Redden, ATC, LAT
- Russ Richardson, EdD, ATC/L
- George M. Roberts, MEd, ATC
- Rob Sandmann, LAT, ATC
- Natalie Nelson Steadman, MAT, ATC, LAT
- Mark Stutz, PhD, LAT, ATC
- Erik E. Swartz, PhD, ATC, FNATA
- William Warren, ATC, CAA
- Brian Zeller, PhD, ATC

HONORARY MEMBERSHIP

- W. Ben Kibler, MD
- Jack Winters, DDS

PRESIDENT'S CHALLENGE

- Lyle J. Micheli, MD

NATA FELLOWS

- Jennifer Earl-Boehm, PhD, LAT, ATC
- Scott E. Ross, PhD, ATC

GAIL WELDON AWARD OF EXCELLENCE

- Louise Fincher, EdD, ATC

TIM KERIN AWARD

- Winner TBD

AOSSM AWARD

- Dale Mildenberger, ATC

AWARDS PRESENTED AT OTHER EVENTS

PUBLIC RELATIONS CONTEST

Thursday, June 26, 6:15 pm – 7:15 pm, District Meetings
Various Locations, see page 31 for locations.

PROFESSIONAL DEVELOPMENT EXCELLENCE AWARD

Friday, June 27, 5:00 pm – 7:00 pm
PDC Session, ICC, 500 Ballroom

- Malissa Martin, EdD, ATC

CUATC AWARDS

Friday, June 27, 8:30 am – 9:30 am
CUATC Awards Breakfast, ICC, Room 210

BILL CHISOLM ETHNIC DIVERSITY ADVISORY COMMITTEE PROFESSIONAL SERVICE AWARD

Thursday, June 26, 3:30 pm – 6:00 pm
EDAC Town Hall & Social, Westin, Grand 5

SAYERS "BUD" MILLER DISTINGUISHED EDUCATOR AWARD

Saturday, June 28, 3:30 pm – 5:30 pm
ECE Session, Wabash Ballroom 1

SECONDARY SCHOOL COMMITTEE JACK CRAMER SCHOLARSHIP

Saturday, June 28, 10:45 am – 12:45 pm
SSATC Session, ICC, Wabash Ballroom 1

Recipients not listed were unknown at press time.



2014 Award Presentations

LEGISLATIVE AWARDS

[Dan Campbell (State) and William T. Griffin (Individual) Awards]

Tuesday, June 24, 12:00pm

State Leadership Forum, JW, White River F

YPC NATIONAL DISTINCTION AWARD

Friday, June 27, 6:00 pm – 7:30 pm

YP Social Event: Remembering Our Roots, Forging Our Future, Cramer YP Lounge, ICC, Room 201

Ryan Wilkinson, EdD, ATC, CSCS

AWARDS PRESENTED AT THE NATA FOUNDATION DISTINGUISHED SCHOLARS PRESENTATION

TUESDAY, JUNE 25, 4:00PM – 6:00PM

ICC, Sagamore 6

JOURNAL OF ATHLETIC TRAINING KENNETH L. KNIGHT AWARD FOR OUTSTANDING RESEARCH MANUSCRIPT

Inne Aerts, MS

Elke Cumps, PhD

Evert Verhagen, PhD

Niels Mathiew, MS

Sander Van Schuerbeek, MS

Romain Meeusen, PhD

JOURNAL OF ATHLETIC TRAINING CLINT THOMPSON AWARD FOR CLINICAL ADVANCEMENT

Karl F. Kozlowski, PhD

James Graham, PhD

John J. Leddy, MD

Lee Devinney-Boymel, MS

Barry S. Willer, PhD

NATA FOUNDATION AWARDS:

MEDAL FOR DISTINGUISHED ATHLETIC TRAINING RESEARCH

Sandra J. Shultz, PhD, ATC, FNATA

THE NEW INVESTIGATOR AWARD

Joseph Hart, PhD, ATC

THE DOCTORAL DISSERTATION AWARD PRESENTED IN HONOR OF DAVID H. PERRIN, PHD, ATC, FNATA

Timothy W. Tourville, PhD, ATC, CSCS

AWARDS PRESENTED AT THE NATA FOUNDATION DONOR RECEPTION

Invitation Only

FRIDAY, JUNE 27, 6:00PM – 7:00PM

JW, Room 104

LIFETIME CONTRIBUTION AWARD

Christopher Ingersoll, PhD, ATC

PRESIDENT'S AWARD

Recipient announced at event

VOLUNTEER SERVICE AWARD

MaryBeth Horodyski, EdD, ATC, FNATA

AWARDS PRESENTED AT THE NATA FOUNDATION PINKY NEWELL SCHOLARSHIP & STUDENT LEADERSHIP BREAKFAST

SATURDAY, JUNE 28, 8:00 AM – 9:45 AM

JW, White River F

BOBBY GUNN STUDENT LEADERSHIP AWARDS

NATA FOUNDATION SCHOLARSHIP RECIPIENTS

ATHLETIC TRAINING STUDENT CHALLENGE AWARD

DELOSS BRUBAKER AWARDS FOR STUDENT WRITING

A program listing recipients will be provided at the event.

Recipients not listed were unknown at press time.

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- Adjustable Inner Dividers
- 1000D Cordura Nylon
- YKK Zippers
- Heavy Duty Hardware



A20
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Med Bag



A24
Medium
Med Bag



A25
Deluxe
Med Bag

BELT PACKS



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TRAVEL BAGS



CRUTCH BAGS



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MADE WITH PRIDE BY PEOPLE WHO CARE

CUSTOM ORTHOTIC



Supports the heel in a neutral position

Intrinsically posted forefoot to hold the forefoot in neutral plane

Semi-rigid full contact arch support

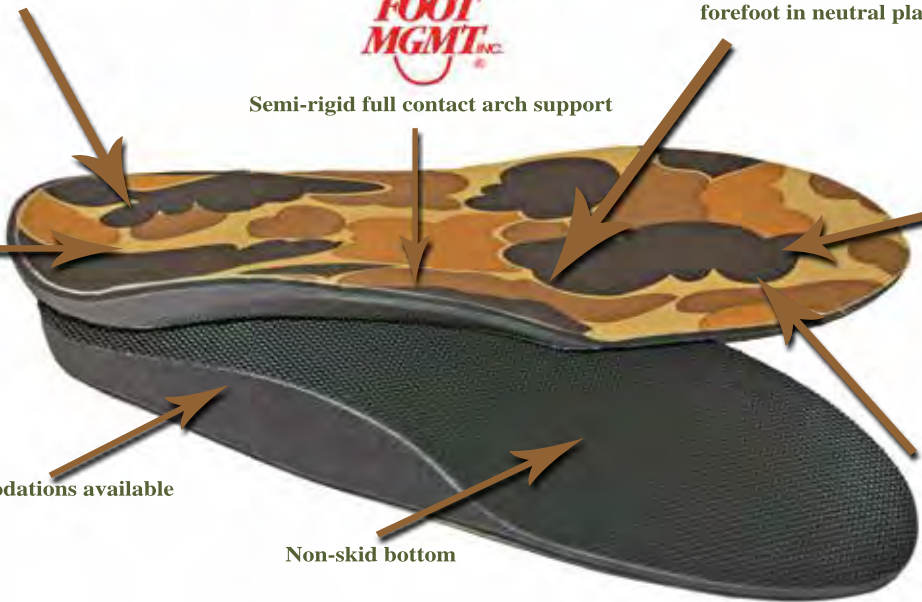
Extra cushioning relieves heel strike shock

Length of orthotic:
Met Head
Toe Crest
Full Length

Full line of accommodations available

Non-skid bottom

Our shock absorbing and anti-sheering camoflague top cover



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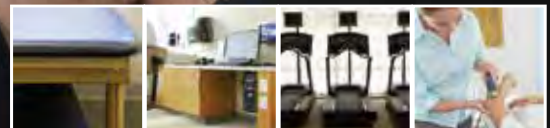
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Daily Event Schedule

TUESDAY, JUNE 24 / WEDNESDAY, JUNE 25

* Pre-Registration required

TUESDAY, JUNE 24, 2014

8:00 AM – 4:00 PM

NATA FOUNDATION BOARD OF DIRECTORS' MEETING

JW, Room 102

8:00 AM – 5:00 PM

NATA BOARD OF DIRECTORS' MEETING

JW, White River E

8:00 AM – 5:00 PM

COMMITTEE ON PRACTICE ADVANCEMENT MEETING

JW, Room 104

8:30 AM – 11:00 AM

STATE ASSOCIATION ADVISORY COMMITTEE MEETING

JW, White River J

12:00 PM – 5:00 PM

STATE LEADERSHIP FORUM

JW, White River F

5:00 PM – 6:30 PM

STATE LEADERSHIP FORUM RECEPTION

JW, White River D

5:30 PM – 9:30 PM

PROFESSIONAL DEVELOPMENT COMMITTEE MEETING

JW, White River J

WEDNESDAY, JUNE 25

NATA COMMITTEE DAY

CAREERS IN ATHLETIC TRAINING PRE-CONFERENCE WORKSHOPS
8:00 AM – 12:00 PM



BUSINESS OF ATHLETIC TRAINING*

Marriott, Indiana G

8:00 AM – 1:00 PM

OCCUPATIONAL HEALTH & PUBLIC SAFETY*

Marriott, Indiana D

8:00 AM – 5:00 PM

THE ATHLETIC TRAINER AS A PHYSICIAN EXTENDER - INTRODUCTION*

Marriott, Indiana E

8:00 AM – 5:00 PM

THE ATHLETIC TRAINER AS A PHYSICIAN EXTENDER - ADVANCED*

Marriott, Indiana B

1:00 PM – 5:00 PM

CREATING CREATIVE OPPORTUNITIES IN THE PERFORMING ARTS*



Marriott, Indiana F

DAILY EVENTS



Daily Event Schedule

WEDNESDAY, JUNE 25

* Pre-Registration required

7:30 AM – 5:00 PM

DISTRICT SECRETARIES/TREASURERS COMMITTEE MEETING

JW, White River B

8:00 AM – 12:00 PM

POST-PROFESSIONAL EDUCATION COMMITTEE MEETING

JW, Room 102

8:00 AM – 12:00 PM

NATA FOUNDATION PRONOUNCEMENTS COMMITTEE MEETING

JW, Room 103

8:00 AM – 2:00 PM

YOUNG PROFESSIONALS' COMMITTEE MEETING

JW, White River H

8:00 AM – 5:00 PM

COLLEGE/UNIVERSITY ATHLETIC TRAINERS' COMMITTEE MEETING

JW, White River D

8:00 AM – 5:00 PM

NATIONAL ATHLETIC TRAINING STUDENTS' COMMITTEE MEETING

JW, White River I

8:00 AM – 5:00 PM

SECONDARY SCHOOL ATHLETIC TRAINERS' COMMITTEE MEETING

JW, White River C

9:00 AM – 4:00 PM

NBATA/NATA BLOOD DRIVE OPEN

ICC, Room 211

9:30 AM – 5:00 PM

GOVERNMENTAL AFFAIRS COMMITTEE MEETING

Marriott, Colorado

10:00 AM – 12:00 PM

HALL OF FAME COMMITTEE MEETING

Westin, Cameral

10:00 AM – 12:30 PM

SPECIAL CONSIDERATIONS COMMITTEE MEETING

Westin, House

10:00 AM – 5:00 PM

PUBLIC RELATIONS COMMITTEE MEETING

JW, White River G

ADVANCED TRACK SEMINARS, 10:30 AM – 5:30 PM*



INTEGRATED EDEMA REDUCTION: LYMPHATIC FACILITATION FOR ATHLETIC TRAINERS, (IV)

ICC, 500 Ballroom

Pat Archer, MS, ATC, LMP, Sports Connection Seminars

Susan Carver, AT Ret, A World of Difference Therapy Services

Karla Judge, MS, ATC, University of Montana

Dale Perry, LMT, CLT, Center for Natural Wellness School of Massage

Moderator: *John Smith, MS, ATC, Towson University*



UNRAVELING KNEE PAIN, (IV)

ICC, Wabash Ballroom 1

Jenny McConnell, PT, McConnell Institute- Australia

Katie Stephens, PT, Michigan State University

Lindsey Dame, MS, ATC, Stanford University

Moderator: *Alicia Montalvo, MS, ATC, CSCS, Florida International University*



DYNAMIC NEUROMUSCULAR STABILIZATION: ITS ROLE IN SPORTS REHABILITATION & ATHLETIC PERFORMANCE, (IV)

ICC, Room 109

Clare Frank, PT, Kaiser Permanente Los Angeles Sports & Spine Rehab Fellowship

Eitan Gelber, MS, ATC, CSCS, Stanford University

Scott Anderson, MA, ATC, Stanford University

David Kurihara, DPT, Kaiser Permanente Los Angeles Sports & Spine Rehab Fellowship

Moderator: *Melissa Montgomery, PhD, ATC, California State University Northridge*



Daily Event Schedule

WEDNESDAY, JUNE 25

* Pre-Registration required

11:00 AM – 12:30 PM

ATHLETIC TRAINER SERVICE AWARD COMMITTEE MEETING

Westin, Council

11:30 AM – 1:00 PM

MOST DISTINGUISHED ATHLETIC TRAINER AWARD COMMITTEE MEETING

Westin, Cabinet

11:30 AM – 1:00 PM

SPECIALTY COMMITTEE MEETING

Westin, Chamber

12:00 PM – 1:00 PM

FELLOWS COMMITTEE MEETING

Westin, Caucus

12:30 PM – 5:00 PM

PROFESSIONAL EDUCATION COMMITTEE MEETING

JW, Room 101

1:00 PM – 2:00 PM

HONORS & AWARDS COMMITTEE MEETING

Westin, Congress 2

1:00 PM – 4:00 PM

JOURNAL COMMITTEE MEETING

JW, Room 102

1:00 PM – 5:00 PM

ETHNIC DIVERSITY ADVISORY COMMITTEE MEETING

JW, Room 104

1:00 PM – 5:00 PM

INTERNATIONAL COMMITTEE MEETING

JW, Room 103

1:00 PM – 5:00 PM

CONVENTION PROGRAM COMMITTEE MEETING

ICC, Conference East

2:00 PM – 3:30 PM

HONORS & AWARDS COMMITTEE CHAIR MEETING

Westin, Caucus

3:00 PM – 5:00 PM

YOUNG PROFESSIONALS' COMMITTEE MOCK INTERVIEW SESSION

Marriott, Marriott 10

3:00 PM – 5:00 PM

NATA FOUNDATION SCHOLARSHIP COMMITTEE MEETING

JW, White River H

3:00 PM – 7:00 PM

COMMITTEE ON PROFESSIONAL ETHICS MEETING

Marriott, Marriott 6



Daily Event Schedule

WEDNESDAY, JUNE 25 / THURSDAY, JUNE 26

* Pre-Registration required

MINICOURSE, 4:00 PM – 5:00 PM*

ESS **FUNCTIONAL MANAGEMENT TECHNIQUES FOR CONDITIONS OF THE LUMBAR SPINE, (II, III, IV)**
ICC, Room 232

Holly Heitzman, MS, ATC, PTA, St. Vincents (Indy)
Moderator: *Nina Walker, MA, ATC, CSCS, University of North Carolina at Chapel Hill*

4:00 PM – 6:00 PM

JOURNAL OF ATHLETIC TRAINING MANUSCRIPT REVIEWERS' WORKSHOP
Marriott, Marriott 8

5:00 PM – 6:30 PM

PBATS AND INTERNATIONAL PRESIDENTS' RECEPTION
Marriott, Lincoln

MINICOURSE, 5:15 PM – 6:15 PM*

ADV **CONCUSSION PREVENTION: THE ROLE OF THE CERVICAL MUSCULATURE AND COLLISION ANTICIPATION, (I)**
ICC, Room 232

Julianne Schmidt, PhD, ATC, University of Georgia
Moderator: *Ryan Tierney, PhD, ATC, Temple University*

5:30 PM – 7:30 PM

EMERGING SETTINGS NETWORKING RECEPTION
Marriott, Santa Fe



6:30 PM – 8:30 PM

WELCOME RECEPTION
Georgia Street

Members of the NATA Hall of Fame will be there to shake your hand and welcome you to this exciting event. Shuttle service will be provided to and from hotels listed on page 7 between 6:30pm and 9:00pm.

THURSDAY, JUNE 26, 2014

6:30 AM

G **NATA FOUNDATION FUN RUN**
White River State Park

MINICOURSES, 7:00 AM – 8:00 AM*

ESS **BRIDGING THE GAP BETWEEN EMERGENCY MEDICINE AND ATHLETIC TRAINING: PLANNING FOR EMERGENCIES AND CATASTROPHIC EVENTS, (I, III, V)**
ICC, 500 Ballroom

Ron Courson, ATC, PT, NREMT-I, University of Georgia
Moderator: *Chris Gillespie, MEd, ATC, University of Connecticut*

ADV **EXAMINATION AND DIAGNOSIS: SO MANY TECHNIQUES, SO LITTLE TIME, (II, IV)**
ICC, Room 109

Sara Brown, MS, ATC, Boston University
Moderator: *Melanie McGrath, PhD, ATC, University of Nebraska, Omaha*

ADV **GIVING SOME LOVE TO INFLAMMATION, (III, IV)**
ICC, Wabash Ballroom 1

Chad Starkey, PhD, ATC, FNATA, Ohio University
Moderator: *Brian Vesci, MA, ATC, Boston University*

ADV **ROLE OF NUTRITIONAL SUPPLEMENTS IN INJURY PREVENTION AND TREATMENT: A GUIDE FOR ATHLETIC TRAINERS IN ALL SETTINGS, (I, IV)**
ICC, Room 232

Dana Angelo-White, MS, RD, ATC, Quinnipiac University
Moderator: *Katie Knappenberger, RD, CSSD, ATC, Northwestern University*

7:00 AM – 9:00 AM

NATAPAC BREAKFAST
JW, White River F



Daily Event Schedule

THURSDAY, JUNE 26

* Pre-Registration required

7:00 AM – 9:00 AM

WORLD FEDERATION OF ATHLETIC TRAINING & THERAPY EXECUTIVE BOARD MEETING

Marriott, Indianapolis Boardroom

EVIDENCE-BASED FORUM, 8:00 AM – 9:00 AM



LOW LEVEL LASER THERAPY: TRANSLATING EVIDENCE-BASED SCIENCE INTO CLINICAL PRACTICE, (IV)

ICC, Room 244

Douglas Johnson, ATC, EES, CLS, Sports and Industrial Rehab

Timothy Demchak, PhD, ATC, Indiana State University

Moderator: Paul Borsa, PhD, ATC, University of Florida

See how to earn BOC EBP Category CEUs from having attended convention on page 9.

FREE COMMUNICATION ORAL PRESENTATIONS,

8:00 AM – 9:15 AM

FACTORS ASSOCIATED WITH CONCUSSION RECOVERY

ICC, Room 243

Moderator: Rusty McKune, MS, ATC, Nebraska Medical Center

8:00 AM - 8:15 AM

Post-Injury Item Endorsement and Correlation Between Symptom Severity and Days Post-Concussion for the Graded Symptom Scale in Concussed Adolescent Athletes

Lindsey Shepherd, MS, ATC, CSCS, A.T. Still University

8:15 AM - 8:30 AM

Treatment Characteristics and Return-To-Play Timelines Following Sport-Related Concussion: A Report from the Athletic Training Practice-Based Research Network

Nicholas Kostishak, ATC, CSCS, A.T. Still University

8:30 AM - 8:45 AM

Acute Cognitive and Physical Rest Do Not Improve Concussion Recovery Time

Thomas Buckley, EdD, ATC, Georgia Southern University

8:45 AM - 9:00 AM

Symptoms Among Concussed Athletes Examined for Prolonged Recovery by a Neuropsychologist

Erin Snook, PhD, Datalys Center for Sports Injury Research and Prevention

9:00 AM - 9:15 AM

Evaluating the Recovery Curve for Clinically-Assessed Reaction Time Following Concussion Injury

Gianluca Del Rossi, PhD, ATC, University of South Florida

FREE COMMUNICATION ORAL PRESENTATIONS,

8:00 AM – 9:30 AM

MOVEMENT SCREENING & SPORTS INJURY

ICC, Room 245

Moderator: Dustin Grooms, MEd, ATC, CSCS, Ohio State University

8:00 AM - 8:15 AM

Previous Musculoskeletal Injury History is Related to Functional Movement Screen Performance

Sarah de la Motte, PhD, MPH, ATC, Uniformed Services University

8:15 AM - 8:30 AM

Landing Error Scoring System (LESS) Items are Predictive of Lower Extremity Stress Fracture

Kenneth Cameron, PhD, MPH, ATC, John A. Feagin Jr. Sports Medicine Fellowship, Keller Army Hospital

8:30 AM - 8:45 AM

Pre-Participation Functional Status Survey for Assessment of Injury Risk

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

8:45 AM - 9:00 AM

Differences in Star-Excursion Balance Test Performance Between High School and Collegiate Football Players

Ryan McCann, MEd, ATC, CSCS, University of Toledo

9:00 AM - 9:15 AM

Functional Measures as Predictors of Non-Contact vs. Contact Lower Extremity Injury Among High School Football Players

Sarah Wilhelm, ATC, University of Toledo

9:15 AM - 9:30 AM

Differences in Performance of the Functional Movement Screen Between Men and Women Division I Athletes

Ashley Allen, MS, ATC, Indiana University



Daily Event Schedule

THURSDAY, JUNE 26

* Pre-Registration required

FREE COMMUNICATION THEMATIC POSTER/RAPID FIRE PRESENTATIONS, 8:00 AM – 9:30 AM

James Mensch, PhD, ATC, University of South Carolina

PROFESSIONAL DEVELOPMENT AND COMMITMENT IN THE WORKPLACE

ICC, Room 204

1. Career Commitment of Post-Professional Athletic Training Program Graduates

Stephanie Mazerolle, PhD, ATC, University of Connecticut

2. Impact of Various Collegiate Settings on Athletic Trainers' Definition of Professional Commitment

Sarah Goldstein, University of Connecticut

3. Self-Reported Job Titles Among Athletic Trainers Who Participated in the Work-Related Risks Of Certified Athletic Trainers (WRROCAT) Study

Karen Roos, MSPT, ATC, University of North Carolina at Chapel Hill

4. Work-Life Balance Perspectives of NCAA Division I Male Athletic Trainers: Positive and Negative Influences

Walter Trisdale, ATC, University of Connecticut

5. Athletic Trainers' Experiences with Workplace Bullying in the Secondary School Setting

William Pitney, EdD, ATC, FNATA, Northern Illinois University

6. Perceptions of Professional Socialization of Graduate Assistant Athletic Trainers in the Collegiate Setting

Ashley Thrasher, MS, ATC, CSCS, Ball State University

7. Perceptions of Support Networks During the Graduate Assistant Athletic Trainer Experience

Stephanie Clines, ATC, University of Connecticut

8. Issues Facing the Athletic Training Profession: A Survey of State Leaders

Thomas West, PhD, LAT, ATC, California University of Pennsylvania

9. Continuing Professional Education Factors Associated With Maintaining or Enhancing Competence Among Athletic Trainers

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

8:00 AM – 5:00 PM

CAREER CENTER

ICC, Hall H



SESSION, 8:15 AM – 9:45 AM



NCAA WEIGHT MANAGEMENT PROGRAM: THE ROLE OF THE ATHLETIC TRAINER IN THE ASSESSMENT OF STUDENT-ATHLETES (II)

ICC, 500 Ballroom

Ronald Beaschler, ATC, Ohio Northern University

Moderator: Michelle Wilson, ATC, Ohio Northern University

SESSION, 8:15 AM – 10:15 AM



NATA POSITION STATEMENTS, (I, II, III, IV, V)

ICC, Wabash Ballroom 1

Presented by the NATA Foundation Pronouncements Committee



Purpose and Use of Position Statements

J. Ty Hopkins, PhD, ATC, FNATA, Brigham Young University

Patellofemoral Pain Position Statement

Michelle Boling, PhD, ATC, University of North Florida

Lori Bolgla, PhD, ATC, PT, Georgia Health Sciences University

SLAP Injuries Position Statement

Lori Michener, PhD, PT, ATC, Virginia Commonwealth University

Timothy Uhl, PhD, ATC, PT, FNATA, University of Kentucky

Charles Thigpen, PhD, ATC, PT, Proaxis Therapy

Moderator: Charles Thigpen, PhD, ATC, PT, Proaxis Therapy



THE SPORTS PERFORMANCE TEAM: INTEGRATING ALL DISCIPLINES TO MAXIMIZE INJURY TREATMENT AND PROMOTE OPTIMAL PERFORMANCE (I)

ICC, Room 109

Presented by Gatorade Sports Science Institute

Jeff Allen, MEd, ATC, University of Alabama

Michelle Martin Diltz, SCCC, CSCS, University of Alabama

Amy Bragg, RD, CSSD, LD, University of Alabama

Moderator: Magie Lacambra, Gatorade Sports Science Institute

LEARNING LABS, 8:15 AM – 10:15 AM*

PHYSICAL EXAMINATION OF THE ABDOMEN, (II)

ICC, Room 137

Jackie Kingma, DPT, ATC, PA, Indiana University

Moderator: Conrad Gabler, MS, ATC, University of Kentucky



EVALUATION AND MANAGEMENT OF SOMATIC DYSFUNCTIONS OF CERVICAL SPINE, (II, IV)

ICC, Room 132

John Powell, PhD, ATC, FNATA, Michigan State University

Moderator: Pamela Rast, PhD, LAT, ATC Texas Wesleyan University



Daily Event Schedule

THURSDAY, JUNE 26

FEATURE PRESENTATIONS, 8:15 AM – 10:15 AM



PREDISPOSITION TO MUSCULOSKELETAL INJURY: CAN WE BLAME OUR PARENTS?, (I, II)

ICC, Sagamore Ballroom 4

Genetics 101

Malcolm Collins, PhD, FECSS, University of Cape Town

Genetic Associations with Joint Laxity and ACL Injury

Sandra Shultz, PhD, ATC, FNATA, University of North Carolina at Greensboro

Genetic Associations with Tendinopathy

Malcolm Collins, PhD, FECSS, University of Cape Town

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



INTEGRATING IMMERSIVE LEARNING TECHNOLOGY INTO ATHLETIC TRAINING: THE TRUTH BEHIND THE TECHNOLOGY, (II, III, V)

ICC, Sagamore Ballroom 6



The Impact of High Fidelity Human Patient Simulation in Teaching and Refining Simple and Complex Medical Skills

Amar Patel, DHS(c), MS, NREMT-P, WakeMed Health & Hospital

What Simulation Technology is Revealing in AT Emergency Care Skills

Erik Swartz, PhD, ATC, FNATA, University of New Hampshire

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

PEER-TO-PEER DISCUSSION, 8:45 AM – 9:45 AM

RETURN TO LEARN AFTER CONCUSSION

ICC, Room 141

Daniel Quigley, MEd, LAT, ATC, Manheim Township High School

Dominic DiManna, MEd, MS, ATC, Jefferson County Public Schools

SPECIAL TOPICS, 8:45 AM – 9:45 AM



PURSuing LEADERSHIP OPPORTUNITIES IN HIGHER EDUCATION, (V)

ICC, Room 238



Christopher Ingersoll, PhD, ATC, FNATA, Central Michigan University

Moderator: *Mitch Cordova, PhD, ATC, FNATA, Florida Gulf Coast University*



ICE, COURTS, WOODS, AND POOLS – GOT HYDRATION?, (I, IV)

ICC, Room 232

Susan Yeargin, PhD, ATC, University of South Carolina

Moderator: *Rebecca Lopez, PhD, ATC, CSCS, University of South Florida*



IMPLEMENTING THE CONSENSUS STATEMENT ON PSYCHOLOGICAL CONCERNS IN STUDENT-ATHLETES, (V)

ICC, Room 240

Timothy Neal, MS, ATC, Syracuse University

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



NEUROPHYSIOLOGICAL MECHANISMS OF MANUAL THERAPY, (IV)

ICC, Room 235

Kenneth Cieslak, DC, ATC, CSCS, Teaneck Board of Education

Moderator: *Samuel Johnson, PhD, ATC, Oregon State University*

ATHLETIC TRAINING STUDENT SEMINAR, 9:00 AM – 10:00 AM

OTHO DAVIS KEYNOTE: TAKE A RISK, TAKE YOUR CAREER TO THE NEXT LEVEL

Marriott, Marriott 6

Presented by the National Athletic Training Students' Committee

James Keller, ATC, Next Level Sports Performance

9:00 AM – 4:00 PM

NBATA/NATA BLOOD DRIVE OPEN

ICC, Room 211

9:00 AM – 6:00 PM

CRAMER STUDENT LOUNGE

ICC, 500 Reception Room



Cornerstone NATA Sponsor

9:00 AM – 6:00 PM

CRAMER YOUNG PROFESSIONALS' LOUNGE

ICC, Room 201



Cornerstone NATA Sponsor



Daily Event Schedule

THURSDAY, JUNE 26

FREE COMMUNICATION ORAL PRESENTATIONS, 9:30 AM – 10:30 AM

EMERGING INTERVENTIONS FOR THERMAL AND IONTOPHORESIS TREATMENT

ICC, Room 244

Moderator: Jody Brucker, PhD, Illinois State University

9:30 AM - 9:45 AM

Collegiate Athletic Trainers Perceived and Actual Knowledge of Therapeutic Ultrasound Concepts

Kristen Schellhase, EdD, ATC, LAT, University of Central Florida

9:45 AM - 10:00 AM

Pulsed Short Wave Diathermy and Moist Heat Packs on Passive Ankle Plantarflexor Mechanical Properties

Kazuma Akehi, MS, LAT, ATC, Oklahoma State University

10:00 AM - 10:15 AM

The Time Course of Dexamethasone Sodium Phosphate Delivered via Iontophoresis Through Human Skin

Justin Rigby, PhD, ATC, Brigham Young University

10:15 AM - 10:30 AM

Clinical Applications of Therapeutic Modalities Among Collegiate Athletic Trainers and Sports Physical Therapists

Jeremy Hawkins, PhD, ATC, Colorado Mesa University

FREE COMMUNICATION ORAL PRESENTATIONS, 9:30 AM – 10:45 AM

COMPLEX INJURIES OF THE CENTRAL NERVOUS SYSTEM

ICC, Room 243

Moderator: Brian Hainline, MD, National Collegiate Athletic Association

9:30 AM - 9:45 AM

Transient Tetraplegia in a College Football Athlete

Shawn Felton, EdD, ATC, LAT, Florida Gulf Coast University

9:45 AM - 10:00 AM

Somatic Instability in an Interscholastic Male Lacrosse Player

Travis McCann, Southern Connecticut State University

10:00 AM - 10:15 AM

Seizure Disorder in a Division I Swimmer

Tyler Schuster, ATC, Georgia State University

10:15 AM - 10:30 AM

Surgical Management of a Seizure Disorder in a Division I Cross Country & Track Athlete

Amy Hile, MA, ATC, West Virginia University

10:30 AM - 10:45 AM

Circulatory Vertebral Artery Stroke in a Collegiate Male Gymnast

Shawn Lucci, MEd, ATC, The College of William and Mary

9:30 AM – 1:30 PM

EXECUTIVE COMMITTEE FOR EDUCATION MEETING

JW, White River B

FREE COMMUNICATION ORAL PRESENTATIONS, 9:45 AM – 10:45 AM

MASTER'S ORAL AWARD FINALISTS

ICC, Room 245

Moderator: Joseph Hart, PhD, ATC, University of Virginia

9:45 AM - 10:00 AM

Age-Based Differences from Impacts to the Head Measured in Youth Football Players 8 to 13 Years of Age: Heads-Up Intervention Pilot Study

Joelle Gage, ATC, SCAT, University of South Carolina

10:00 AM - 10:15 AM

Relationship Between Drop-Landing Performance and Knee Extension Torque Following ACL Reconstruction

Nathaniel Foot, MEd, ATC, University of Virginia

10:15 AM - 10:30 AM

Effect of Limited Hip Flexor Length on Gluteal Activation During an Overhead Squat in Female Soccer Players

Matthew Mills, MA, ATC, PES, Stanford University

10:30 AM - 10:45 AM

The Immediate Effects of a Talar Repositioning Taping on Ankle Range-of-Motion in Dancers

Sara LoCicero, MS, LAT, ATC, Indiana University

FREE COMMUNICATION THEMATIC POSTER PRESENTATIONS, 10:00 AM – 11:00 AM

RELIABILITY OF CONCUSSION ASSESSMENT TOOLS

ICC, Room 204

Moderator: Susan Saliba, PhD, ATC, FNATA, University of Virginia

1. Reliability of Three Computerized Neurocognitive Assessments Used for the Assessment of Concussion
Ashley Littleton, MA, ATC, University of North Carolina at Chapel Hill

2. Test-Retest Reliability of the Headminder Concussion Resolution Index in Collegiate Student-Athletes
Erica Beidler, MEd, ATC, University of Virginia

3. Alternate Forms of the Standard Assessment of Concussion: Are They Truly Equivalent?
James Farnsworth, MS, ATC, Middle Tennessee State University

4. The Reliability of Three Computerized Neurocognitive Measures of Sport-Related Concussion
Jacob Resch, PhD, ATC, LAT, The University of Texas at Arlington



Daily Event Schedule

THURSDAY, JUNE 26

* Pre-Registration required

FREE COMMUNICATIONS POSTER PRESENTATIONS

ICC Exhibit Hall I

POSTERS DISPLAYED:

Thursday, June 26, 10:00 AM - 5:00 PM

Friday, June 27, 10:00 AM - 5:00 PM

Saturday, June 28, 10:00 AM - 1:00 PM

AUTHORS PRESENT: THURSDAY, JUNE 26

Student Exchange Posters #177-233

10:00 AM - 10:30 AM

Peer Review Authors Last Name A thru M

10:30 AM - 11:15 AM

Peer Review Authors Last Name N thru Z

11:15 AM - 12:00 PM

10:00 AM – 5:00 PM

NATA FOUNDATION SILENT AUCTION

ICC, Hall I, NATA Connect

ATHLETIC TRAINING STUDENT SEMINAR BREAKOUTS:

ROUND 1, 10:15 AM – 11:00 AM

ATSS Breakout 1: Putting Functional Exercise into Sport-Specific Returns

Marriott, Marriott Ballroom 2

James Keller, ATC, Next Level Sports Performance

ATSS Breakout 2: Athletic Injuries and Psychology - What Athletic Training Students Should Know

Marriott, Marriott Ballroom 4

Damien Clement, PhD, ATC, West Virginia University

ATSS Breakout 3: Sports-Related Concussion: Update on the Latest Research and Institute of Medicine Recommendations

Marriott, Marriott Ballroom 10

Tracey Covassin, PhD, ATC, Michigan State University

ATSS Breakout 4: Implementing Corrective Strategies in Order to Improve Functional Movement Patterns

Marriott, Marriott Ballroom 8

Samuel Lee Burton, PhD, ATC, CSCS, Averett University

ATSS Breakout 5: Exertional Heat Stroke and Preventing Sudden Death in Sport - the Long Road from Evidence-Based Medicine to Policy Changes

Marriott, Indiana Ballroom E

Douglas Casa, PhD, ATC, FNATA, University of Connecticut

ATSS Breakout 6: Activating Your Body to Perform!

Marriott, Indiana Ballroom F

Scott Hudson, MS, ATC, CSCS, St. Vincent Health

10:30 AM – 11:30 AM

GRUMPY OLD MEN (AND WOMEN)

ICC, Room 201



SPECIAL TOPICS, 10:45 AM – 11:45 AM



CENTRALIZATION AND DIRECTIONAL PREFERENCE IN LUMBAR SPINE EVALUATION: CLINICAL APPLICATIONS FOR EVIDENCE-BASED ATHLETIC TRAINING PRACTICE, (II, IV)



ICC, Room 232

David Ruiz, ATC, University of Idaho

Moderator: Jeffrey Bonacci, DA, ATC, University of Arkansas



SPORTS-RELATED CONCUSSION LEGISLATION: HOW DOES THIS IMPACT MY CLINICAL PRACTICE?, (I, V)



ICC, Room 235

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

Moderator: Tamara Valovich McLeod, PhD, ATC, FNATA, A.T.

Still University

See how to earn BOC EBP Category CEUs from having attended convention on page 9.



SUCCESSFUL SUBJECT RECRUITMENT AND DATA COLLECTION STRATEGIES FOR SECONDARY SCHOOL SETTINGS, (V)



ICC, Room 238

Timothy McGuine, PhD, ATC, University of Wisconsin Health Sports Medicine Center

Moderator: Susan Yeargin, PhD, ATC, University of South Carolina



PHYSICAL DEMANDS, INJURY PREVENTION AND BIOMECHANICAL ANALYSIS OF NASCAR PIT CREW ATHLETES, (I)



ICC, Room 240

Lance Munksgard, MA, ATC, LAT, FourSeventy Claim Management

Moderator: Brett Knight, MS, ATC, Alma College

PEER-TO-PEER DISCUSSION, 10:45 AM – 11:45 AM



PRECEPTOR DEVELOPMENT: TELL US AND WE FORGET; INVOLVE US AND WE LEARN



ICC, Room 141

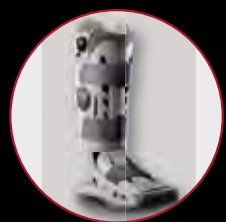
Brian Vesci, MA, ATC, Boston University

Quinton Sawyer, MA, ATC, LAT, Michigan State University

What's in your



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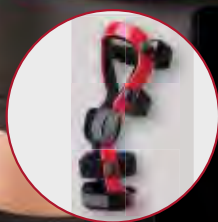
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Daily Event Schedule

THURSDAY, JUNE 26

* Pre-Registration required

FREE COMMUNICATION ORAL PRESENTATIONS, 10:45 AM – 12:00 PM

CURRENT PERSPECTIVE OF CRYOTHERAPY

ICC, Room 244

Moderator: Cynthia Trowbridge, PhD, ATC, LAT, University of Texas at Arlington

10:45 AM - 11:00 AM

Comparing Surface, Subcutaneous and Intramuscular Temperature Effects of Gebauer PainEase® and Ethyl Chloride Topical Vapocoolant Products in Human Subjects

Mark Merrick, PhD, ATC, FNATA, Ohio State University

11:00 AM - 11:15 AM

Effects of Focal Ankle Joint Cooling on Sural Nerve Conduction in Healthy and Sprained Ankle Joints

Kimberly Pritchard, PhD, ATC, Shenandoah University

11:15 AM - 11:30 AM

Focal Joint Cooling Improves Clinical Impairments in Patients with Ankle Sprains

Aaron Bottinick, MEd, ATC, University of Virginia

11:30 AM - 11:45 AM

Effects of Focal Joint Cooling on Sensory Nerve Action Potentials in Patients with Chronic Ankle Instability

Kyle Kosik, MEd, ATC, University of Virginia

11:45 AM - 12:00 PM

A Comparison of Game Ready® and Cold Whirlpool for Acute Edema Removal

Michael Powers, PhD, ATC, EMT, Marist College

Moderator: Michael Poirier, MS, ATC/L, CSCS, Tampa Bay Lightning

LEARNING LABS, 10:45 AM – 12:45 PM*



HONING YOUR PALPATION SKILLS THROUGH THE USE OF STEREOGNOSIS DRILLS, (II, IV)



ICC, Room 132

Scott Lawrance, DHS, ATC, MSPT, University of Indianapolis

Moderator: Amy Schork, MA, ATC, LAT, Advanced Orthopedics, LLC



ADVANCED PERIPHERAL JOINT MOBILIZATION: FOOT AND ANKLE, (IV)

ICC, Room 137

Scott Cheatham, DPT, PhD(C), ATC, California State University

Dominguez Hills

Moderator: Shaun McCarthy, MA, ATC, LAT, Coe College

FEATURE PRESENTATIONS, 10:45 AM – 12:45 PM



EVIDENCE-BASED SHOULDER EXAMINATION: A COMPREHENSIVE APPROACH, (II)

ICC, Sagamore Ballroom 4

Why is the Patient in Your Facility?

Timothy Uhl, PhD, ATC, FNATA, University of Kentucky

How Helpful are Range of Motion and Strength Testing in the Clinical Examination of the Shoulder?

Aaron Sciascia, MS, ATC, PES, Shoulder Center of Kentucky

What Value Does Special Testing Have in the Shoulder Evaluation?

Lori Michener, PhD, PT, ATC, PES, Virginia Commonwealth University

Moderator: Kevin Laudner, PhD, ATC, Illinois State University



DESCRIPTIVE EPIDEMIOLOGY OF CONCUSSIONS AND CATASTROPHIC INJURIES IN YOUTH, HIGH SCHOOL AND COLLEGIATE AMERICAN FOOTBALL, (I)



ICC, Sagamore Ballroom 6

Descriptive Epidemiology of Concussions in American Football

Thomas Dompier, PhD, ATC, Datalys Center for Sports Injury Research & Prevention

Catastrophic Injuries in American Football

David Klossner, PhD, ATC, University of Maryland

Challenges and Recommendations for the Assessment of Concussion in Youth Football Players

Joseph Murphy, PhD, ATC, Charleston Southern University

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

SESSIONS, 10:45 AM – 12:45 PM



ATHLETIC TRAINERS NEED COUNSELING PARTNERS IN SERVICE OF STUDENT ATHLETE MENTAL HEALTH

ICC, Room 109

Presented by the American College Health Association

Lori Dewald, EdD, ATC, MCHES, A.T. Still University

Mary Wilfert, MEd, National Collegiate Athletic Association

L. Kenneth Chew, PsyD, HSPP, Indiana State University

Shelli Landis, MEd, LAT, ATC, Indiana State University

Kelly Miller, PsyD, HSPP, University of Indianapolis

Ned Shannon, MS, LAT, ATC, University of Indianapolis

Moderator: Lori Dewald, EdD, ATC, MCHES, A.T. Still University

10:45 AM – 11:45PM

EFFECTIVENESS OF MANUAL THERAPY TECHNIQUES IN THE SPORT OF HOCKEY, (I, II, IV)

ICC, Wabash Ballroom 1

Presented by the Professional Hockey Athletic Trainers' Society

Christian Rivas, LMT, ART, DO, Tampa Bay Lightning



Daily Event Schedule

THURSDAY, JUNE 26

* Pre-Registration required

FREE COMMUNICATION ORAL PRESENTATIONS, 11:00 AM – 12:15 PM

DOCTORAL ORAL AWARD FINALISTS

ICC, Room 245

Moderator: Joseph Hart, PhD, ATC, University of Virginia

11:00 AM - 11:15 AM

Prospective Analysis of Quadriceps Spinal-Reflexive and Corticospinal Excitability in Anterior Cruciate Ligament Reconstructed Patients

Adam Lepley MA, ATC, University of Toledo

11:15 AM - 11:30 AM

Clinical Utility of Re-Baseline Computerized Neurocognitive Testing Following Concussion Recovery

Robert Lynall, MS, ATC, University of North Carolina at Chapel Hill

11:30 AM - 11:45 AM

Differences in Total Inversion Range of Motion with and Without Prophylactic Ankle Support During Dynamic Sudden Inversion

Emily Hall, MS, LAT, ATC, Indiana University

11:45 AM - 12:00 PM

Combination of Eccentric Exercise and Neuromuscular Electrical Stimulation to Improve Quadriceps Function Post-ACL Reconstruction

Lindsey Lepley, MEd, ATC, University of Michigan

12:00 PM - 12:15 PM

Descriptive Epidemiology in US Women's High School and NCAA Soccer: 2004/05-2012/13

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

11:45 AM - 12:00 PM

Standardized Patient Encounters Improve Student Confidence Toward Future Clinical Evaluations

Amanda Jarriel, PhD, ATC, LAT, Georgia College & State University

12:00 PM - 12:15 PM

Standardized Patients Provide a Reliable Assessment of Athletic Training Students Clinical Skills

Kirk Armstrong, EdD, ATC, LAT, Georgia College & State University

FREE COMMUNICATION THEMATIC POSTER/RAPID FIRE PRESENTATIONS, 11:30 AM – 12:45 PM

BIOMECHANICAL AND NEUROMUSCULAR CONSEQUENCES OF ACL INJURY

ICC, Room 204

Moderator: Lindsay DiStefano, PhD, ATC, University of Connecticut

1. Asymmetry of Lower Extremity Biomechanics in Patients with Prior ACL Injury: The JUMP-ACL Study

Benjamin Goerger, PhD, ATC, Georgia State University

2. Brain Neuroplastic Hip and Knee Control Changes in ACL Reconstructed Individuals

Dustin Grooms, MEd, ATC, CSCS, Ohio State University

3. Jump Landing Mechanics in Those Who Pass and Fail Return-to-Sport Criteria

Stephanie Kulow, MS, ATC, University of Wisconsin, Madison

4. Hamstrings and Quadriceps Peak Torque and Rate of Torque Development During a Time-Critical Period Following ACL-Reconstruction

Samuel Johnson, PhD, ATC, CSCS, Oregon State University

5. Thigh Muscle Volume in Relation to Knee Extensor Torque, Quadriceps Activation, and Patient-Reported Outcomes in ACL Deficient Patients

Grant Norte, MEd, ATC, University of Virginia

6. Knee Extensor Torque Variability and Subjective Knee Function in Patients with ACL-Reconstructed Knees

John Goetschius, MEd, ATC, University of Virginia

7. Single Leg Squat and Landing Error Scoring System Between Knee Injured and Healthy Individuals

Megan Inama, MEd, ATC, University of Virginia

ATHLETIC TRAINING STUDENT SEMINAR BREAKOUTS: ROUND 2, 11:15 AM – 12:00 PM

See page 23 for details.

FREE COMMUNICATION ORAL PRESENTATIONS, 11:15 AM – 12:15 PM

CLINICAL EDUCATION AND LEARNING

ICC, Room 243

Moderator: Thomas Bowman, PhD, ATC, PES, Lynchburg College

11:15 AM - 11:30 AM

Reciprocal Learning Between Preceptors and Athletic Training Students in Clinical Education

Thomas Dodge, PhD, ATC, CSCS, Springfield College

11:30 AM - 11:45 AM

The Reliability of Faculty and Preceptors' Evaluations of Athletic Training Students' Clinical Skills

Sara Nottingham, EdD, ATC, CSCS, Chapman University



Daily Event Schedule

THURSDAY, JUNE 26

* Pre-Registration required

FREE COMMUNICATION ORAL PRESENTATIONS, 12:15 PM – 1:30 PM

INFECTIOUS DISEASE CASE STUDIES

ICC, Room 244

Moderator: John Baldea, MD, CAQSM, IU Health Physicians

12:15 PM - 12:30 PM

The Forgotten Disease: A Rare Case of Lemierre's Syndrome in a Male Division I Collegiate Football Player

Heather Fahsl, North Dakota State University

12:30 PM - 12:45 PM

Unexplained Chronic Leg Pain in a Female Collegiate Soccer Player: A Case Report

Renalta Fleming, MS, ATC, LAT, Broward Health Medical Center

12:45 PM - 1:00 PM

Septic Sacroiliitis in Division III Cross Country Runner

Steven Klein, ATC, Emory University

1:00 PM - 1:15 PM

Toxic Shock Syndrome Associated with MSSA Infection and Possible Co-Infection in a High School Football Athlete

Chelsea Schrade, ATC, MEd, Cleveland Clinic

1:15 PM - 1:30 PM

Unexplained Knee Effusion in a Recreational Exerciser

Andrew Winterstein, PhD, ATC, University of Wisconsin, Madison

FREE COMMUNICATION ORAL PRESENTATIONS, 12:30 PM – 1:15 PM

DANCE BIOMECHANICS

ICC, Room 245

Moderator: Jeffrey Russell, PhD, ATC, Ohio University

12:30 PM - 12:45 PM

Lower Extremity Landing Biomechanics in Dancers and Non-Dancers

Bethany Hansberger, MEd, ATC, University of Virginia

12:45 PM - 1:00 PM

Ground Reaction Forces in Ballet: Differences According to Footwear and Jump Conditions

Alyssa McPherson, MS, ATC, Indiana University

1:00 PM - 1:15 PM

Dancers Land with Greater Knee Extension But an Anteriorly Positioned Center of Mass Compared to Athletes During a Drop Jump Task

Michele Pye, MS, ATC, University of North Carolina at Greensboro

EVIDENCE-BASED FORUM, 12:30 PM – 1:30 PM



INTEGRATION OF EVIDENCE-BASED PRACTICE THROUGHOUT CLINICAL EDUCATION, (V)



ICC, Room 243

Cailee Welch, PhD, ATC, A.T. Still University

Dorice Hankemeier, PhD, ATC, Boise State University

Moderator: Brian Vesci, MA, ATC, Boston University

See how to earn BOC EBP Category CEUs from having attended convention on page 9.

12:30 PM – 1:30 PM

NATA FOUNDATION RESEARCH MENTOR PROGRAM LUNCHEON

ICC, Room 210

PEER-TO-PEER DISCUSSION, 1:30 PM – 2:30 PM

KEEPING YOUR STAFF FROM BURNING OUT

ICC, Room 141

John Rock, MA, ATC, Providence College

Jerry Hilker, ATC, Texas A&M University Corpus Christi

SPECIAL TOPICS, 1:30 PM – 2:30 PM



EXERTIONAL RHABDOMYOLYSIS: CONSIDERATIONS FOR THE ATHLETIC TRAINER, (I, II, III)

ICC, Room 235

Michelle Cleary, PhD, ATC, CSCS, Chapman University

Moderator: Lindsey Eberman, PhD, ATC, Indiana State University



THE ROLE OF NUTRITIONAL SUPPLEMENTS IN DRUG TESTING AND DRUG EDUCATION: THE COLLEGIATE PERSPECTIVE, (V)

ICC, Room 240

Andrew Smith, MS, ATC, Canisius College

Moderator: Phillip Andre, MS, ATC, Alma College



REDEFINING CONCUSSION RECOVERY: IS 7-10 DAYS SUFFICIENT?, (IV)

ICC, Room 232

Thomas Buckley, EdD, ATC, Georgia Southern University

Moderator: Robert Gray, MS, ATC, Cleveland Clinic Sports Health



USING EVIDENCE-BASED RESEARCH TO DEVELOP POLICIES FOR SPORT SAFETY, (I, V)



ICC, Room 238

Michael Ferrara, PhD, ATC, FNATA, University of New Hampshire

Moderator: Scott Doberstein, MS, ATC, University of Wisconsin, LaCrosse



Daily Event Schedule

THURSDAY, JUNE 26

* Pre-Registration required

LEARNING LABS, 1:30 PM – 3:30 PM*

ADV TRIGGER POINT TECHNIQUES FOR HIP AND BUTTOCK PAIN, (IV)

ICC, Room 132

Julie Zuleger, PhD, ATC, PES, Zuleger Group

Moderator: Michelle Padgett, MS, ATC, Sports Medicine & Training Center

ESS KINESIO TAPING FOR POSTURAL CONTROL, (I,II,IV,V)

ICC, Room 137

Kyle Nelson, MPH, ATC, CKTI, Concordia University

Moderator: Theresa Miyashita, PhD, ATC, Sacred Heart University



TRANSCRANIAL MAGNETIC STIMULATION: AN EMERGING TOOL IN SPORTS MEDICINE RESEARCH, (II, IV)

ICC, Wabash Ballroom 1

What is Transcranial Magnetic Stimulation and How Does it Work?

Abbey Thomas, PhD, ATC, University of Toledo

The Use of Transcranial Magnetic Stimulation in the Evaluation and Treatment of Musculoskeletal Injury

Brian Pietrosimone, PhD, ATC, University of North Carolina at Chapel Hill

The Use of Transcranial Magnetic Stimulation in the Assessment of Concussion

Scott Livingston, PhD, PT, ATC, University of Kentucky

Moderator: Grant Norte, MEd, ATC, University of Virginia

SESSIONS, 1:30 PM – 3:30 PM

COMPLETE ANNUAL TRAINING PROGRAM FOR THE NCAA DIVISION 1 WOMEN'S SOCCER PLAYER, (I, IV)

ICC, Room 109

Presented by the National Strength and Conditioning Association

Victor Brown III, CSCS, NSCA-CPT, ATC, Boston University

Moderator: Andrew Gallucci, PhD, ATC, Baylor University

RONNIE BARNES MEDICAL CASE STUDIES IN THE NFL

ICC, Sagamore Ballroom 6

Presented by the Professional Football Athletic Trainers' Society

A Functional Performance Model for Managing Return-to-Play from Lower-Extremity Injury

Steven Kennelly, MEd, ATC, New York Giants

Acute Sternoclavicular Dislocation

Gary Misamore, MD, Indianapolis Colts

Acute Finger Amputation in an NFL Safety

Thomas Reed, ATC, Arizona Cardinals

Recognition and Treatment of Aortic Dissection

Thomas Reed, ATC, Arizona Cardinals

Turf Toe in an NFL Running Back

Scottie Patton, MA, ATC, New Orleans Saints

Moderator: David Zuffelato, MEd, ATC, LAT, New York Jets

FEATURE PRESENTATIONS, 1:30 PM – 3:30 PM

ADV THE STARTING POSITION: YOUR UNDERLYING MECHANICS AND YOUR FUTURE PROBLEMS, (I, II, III, IV)

ICC, Sagamore Ballroom 4

Jenny McConnell, AM, FACP, McConnell Institute (Australia)

Moderator: Eitan Gelber, MA, ATC, CSCS, Stanford University

RESEARCHERS' FORUM, 1:45 PM – 3:45 PM



PATIENT-ORIENTED RESEARCH IN ATHLETIC TRAINING, (IV)

ICC, 500 Ballroom

Putting the Patient First: Considerations for Selecting Patient-Rated Outcome Instruments for Clinical Research

Cailee Welch, PhD, ATC, A.T. Still University

Capturing the Patient's Perspective: Tips and Strategies for Incorporating Patient-Rated Outcome Instruments into Clinical Research

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

Do the Results Matter? Identifying Meaningful Change When Using Patient-Rated Outcome Instruments for Clinical Research

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

Moderator: Luzita Vela, PhD, ATC, LAT, Texas State University

2:00 PM – 4:00 PM

ATHLETIC TRAINING STUDENT SEMINAR: RON CULP/NBATA CADAVER WORKSHOP

Marriott, Marriott 6

2:00 PM – 4:00 PM

ATEC SUBCOMMITTEE MEETING

Mariott, Indianapolis Boardroom

DAILY EVENTS



Daily Event Schedule

THURSDAY, JUNE 26

* Pre-Registration required

PEER-TO-PEER DISCUSSION, 2:45 PM - 3:45 PM



TAKING THE BLINDERS OFF: HELPING THE ATHLETIC TRAINER MAKE GOOD ETHICAL DECISIONS,

(I, II, III, IV, V)

ICC, Room 141



Presented by the Committee on Professional Ethics

Catherine Grove, PhD, LAT, ATC, Indiana University School of Public Health

Suzanne Konz, PhD, ATC, CSCS, Marshall University

3:00 PM - 6:00 PM*



MYERS-BRIGGS WORKSHOP

ICC, Room 210

3:30 PM - 6:00 PM

ETHNIC DIVERSITY ADVISORY COMMITTEE TOWN HALL & SOCIAL

JW, White River E

PEER-TO-PEER DISCUSSION, 4:00 PM - 5:00 PM



PEAKS AND PITFALLS OF THIRD-PARTY REIMBURSEMENT

ICC, Room 141

Clark Simpson, MBA, ATC, LAT, The Clark Group Associates, Inc.

Linda Mazzoli, MS, LAT, ATC, Rothman Institute Concussion Center

SPECIAL TOPICS, 4:00 PM - 5:00 PM



EXERCISE AND FIBROMYALGIA: WHAT WE KNOW NOW, (IV)

ICC, Room 238

Scott Cheatham, DPT, PhD(c), ATC, California State University Dominguez Hills

Moderator: **Timothy Butterfield**, PhD, ATC, University of Kentucky



HYPERBARIC CHAMBER USE IN SPORTS MEDICINE, (IV)



ICC, Room 235

Jeremy Hawkins, PhD, ATC, Colorado Mesa University

Moderator: **Cordial Gillette**, PhD, ATC, University of Wisconsin, La Crosse



IMPLEMENTATION STRATEGIES FOR LOWER EXTREMITY INJURY PREVENTION: PRACTICAL APPLICATIONS, (I)

ICC, Room 232

Lindsay DiStefano, PhD, ATC, University of Connecticut

Moderator: **Lisa Chinn**, PhD, ATC, Kent State University



USING TECHNOLOGY TO AID ROTATIONAL THROWING ATHLETE MECHANICS, (I, IV)

ICC, Room 240

Suzanne Konz, PhD, ATC, CSCS, Marshall University

Moderator: **Daniel Bonilla**, MS, ATC, Chapman University

PEER-TO-PEER DISCUSSION, 4:00 PM - 5:30 PM



THE APPROPRIATE PROFESSIONAL DEGREE FOR THE PROFESSIONS OF ATHLETIC TRAINING



ICC, Room 109

Lennart Johns, PhD, ATC, Quinnipiac University

James Scifers, DScPT, LAT, ATC, Western Carolina University

SESSION, 4:00 PM - 6:00 PM

MUSCULOSKELETAL SCREENING FOR PROFESSIONAL BASEBALL PITCHERS

ICC, 500 Ballroom

Presented by the Professional Baseball Athletic Trainers' Society

Phil Donley, PT, ATC, MS, Chester County Sports Medicine

Moderator: **Mark Letendre**, ATC, Major League Baseball

FEATURE PRESENTATION, 4:00 PM - 6:00 PM



MEDICAL RESPONSE OF THE ATHLETIC TRAINER TO A CASUALTY SITUATION, (III)



ICC, Sagamore Ballroom 4

Introduction to Tactical Combat Casualty Care and the Bridge to Sports Medicine

Brian Springer, MD, EMT-T, Wright State University

Lessons Learned from Boston

Lawrence Venis, MEd, ATC, LAT, Boston University

The Athletic Trainer Response to a Casualty Situation

Albert Goffinett, MBA, ATC, EMT-T, Dayton Sports Medicine Institute

Moderator: **Ron Courson**, ATC, PT, NREMT-I, University of Georgia

LEARNING LABS, 4:00 PM - 6:00 PM*



THE EYES HAVE IT: OCULAR FUNCTION AND THE CONCUSSION ASSESSMENT, (I, II, IV)

ICC, Room 137

Vicky Graham, ATC, LAT, University of Idaho

Moderator: **Eric Frederick**, MS, ATC, LAT, Murray State University



Daily Event Schedule

FRIDAY, JUNE 27



RESTORING THE CORE SLINGS THROUGH MANUAL TECHNIQUES, (IV)

ICC, Room 132

Brian Catania, MPT, ATC, SCS, Christiana Care PT Plus
Moderator: **Carolyn Peters**, MA, ATC, CSCS, San Diego Christian College

4:00 PM – 6:00 PM

ARMED FORCES ATHLETIC TRAINERS' SOCIETY MEETING & RECEPTION

Marriott, Indiana Ballroom D

4:00 PM – 6:00 PM

CRAMER STUDENT RECEPTION

ICC, 500 Reception Room



Cornerstone NATA Sponsor

4:00 PM – 6:00 PM

NATA FOUNDATION DISTINGUISHED SCHOLARS

ICC, Sagamore Ballroom 6

Exchange Lecturers

ACSM - **Brian Hainline**, MD, NCAA Chief Medical Officer
AMSSM - **Nathanial S. Nye**, MD, Capt. United States Air Force
AOSSM - **Keith Kenter**, MD, University of Cincinnati

6:00 PM – 7:30 PM

QUIZ BOWL CAPTAIN'S MEETING

ICC, Room 132

6:15PM – 7:15PM

DISTRICT MEETINGS

- District One **Marriott, Marriott 8**
- District Two **ICC, Room 240**
- District Three **ICC, Room 238**
- District Four **ICC, Wabash Ballroom 1**
- District Five **ICC, Room 232**
- District Six **ICC, Room 235**
- District Seven **ICC, Sagamore 6**
- District Eight **Marriott, Marriott 6**
- District Nine **ICC, Room 109**
- District Ten **Marriot, Marriott 4**

7:00 PM – 9:00 PM

FRIENDS OF BILL W.

JW, Room 106

FRIDAY, JUNE 27, 2014

SESSION, 7:00 AM – 8:00 AM

SPORTS DENTISTRY AND THE HEALTHY ATHLETE, (I, II, III, IV, V)

ICC, Wabash Ballroom 1

Presented by the Academy for Sports Dentistry

Role of Mouthguards in Reducing MTBI/Concussion Incidence in High School Football Athletes

Jack Winters, DDS, Academy for Sports Dentistry

Moderator: **Robert Ogar**, ATC, Plymouth Physical Therapy Specialists

SESSIONS, 7:00 AM – 9:00 AM



ENHANCING DIVERSITY IN YOUR SETTING: TIPS FROM THE FIELD, (V)



ICC, Room 109

Presented by the NATA Ethnic Diversity Advisory Committee

Kimberly Ford, NCAA Office of Diversity and Inclusion

Carla Gilson, MA, ATC, LAT, Georgia Tech Athletic Association

Jonathan Carter, MS, ATC, College of William and Mary

Candace Parham, MS, VATL, ATC, George Mason University

Dani Moffit, PhD, ATC, Idaho State University

Moderator: **Natalie Trotter**, ATC, University of Arkansas



SHOW ME THE MONEY! HOW LEGISLATIVE ADVOCACY CAN IMPROVE YOUR SALARY AND WORKING CONDITIONS, (V)



ICC, 500 Ballroom

Presented by the NATA Governmental Affairs Committee



How Legislative Advocacy Can Improve Your Bottom Line

Valerie Herzog, EdD, LAT, ATC, Weber State University

Legislative Advocacy

Michael Medich, MS, ATC, Westland High School

Moderator: **Ryan Wantz**, MS, LAT, ATC, Lehigh University



NEW DEVELOPMENTS IN THE FEMALE ATHLETE TRIAD, (I, II, IV)

ICC, Sagamore Ballroom 6

Presented by the American Academy of Pediatrics

Amanda Weiss Kelly, MD, University Hospital Medical Group

Moderator: **Pamela Rast**, PhD, LAT, ATC, Texas Wesleyan University



Daily Event Schedule

FRIDAY, JUNE 27

* Pre-Registration required

FEATURE PRESENTATION, 7:00 AM – 9:00 AM

DEVELOPMENTAL CONSIDERATIONS FOR INTERVENTION STRATEGIES FOR THE DISABLED THROWING SHOULDER, (I, IV)

ICC, Sagamore Ballroom 4

Developmental Considerations of the Throwing Athlete
Charles Thigpen, PhD, ATC, PT, Proaxis Therapy

Prevention and Treatment of the Youth and Adolescent Thrower
Ellen Shanley, PhD, PT, OCS, Proaxis Therapy

Prevention and Treatment of the Collegiate and Professional Thrower Evidence-Based Intervention Strategies

Lane Bailey, PhD, DPT, CSCS, Proaxis Therapy

Moderator: *Stephanie Moore-Reed, PhD, ATC, California State University, Fresno*

HAVE NO FEAR, EBP IS HERE!, (IV, V)

ICC, Room 240

Connie Peterson, PhD, ATC, James Madison University

Moderator: *Dennis Griffin, MA, ATC, Alma College*

ATHLETIC TRAINING FOR THE SPECIAL OLYMPICS, (I, II, III, IV)



ICC, Room 238

David Csillan, MS, ATC, LAT, Ewing High School

Moderator: *Jenade Holloway, MEd, ATC, Central Michigan University*

BEYOND PRICE: EVIDENCE-BASED TREATMENTS FOR ACUTE SOFT TISSUE INJURIES, (III, IV)

ICC, Room 232

Michael Dolan, ATC, Canisius College

Moderator: *Jeremy Hawkins, PhD, ATC, Colorado Mesa University*

LEARNING LABS, 7:00 AM – 9:00 AM*

WHAT HAPPENS WHEN THE MUSCLES WILL NOT STRETCH: NEURAL MOBILIZATION TECHNIQUES, (II, IV)

ICC, Room 132

Katie Stephens, PT, Michigan State University

Moderator: *John Roslien, MS, ATC, LAT, Central College*

FALL ASSESSMENT TOOLS, (I, II, IV)

ICC, Room 137

Marjorie King, PhD, ATC, PT, Plymouth State University

Moderator: *Jennifer Rizzo, MBA, ATC, CES, Concordia University*

7:30 AM – 9:00 AM

HALL OF FAME BREAKFAST 
JW, White River B

8:00 AM – 5:00 PM

CAREER CENTER
ICC, Hall H



EVIDENCE-BASED FORUM, 8:00 AM – 9:00 AM

UNDERSTANDING ANKLE INSTABILITY: HOW THE CLINICIAN CAN INTEGRATE EVIDENCE INTO PATIENT-CENTERED CARE

ICC, Room 243

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

Phillip Gribble, PhD, ATC, FNATA, University of Toledo

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

See how to earn BOC EBP Category CEUs from having attended convention on page 9.

PEER-TO-PEER DISCUSSION, 7:30 AM – 8:30 AM

YOUR FIRST LEADERSHIP POSITION: A CONVERSATION WITH THE YOUNG PROFESSIONAL

ICC, Room 141

Cherisse Kuttyreff, ATC, LAT, Northern Arizona University

Sam Zuege, MS, ATC, University of Louisville

SPECIAL TOPICS, 7:30 AM – 8:30 AM

EVIDENCE FOR COOLING, METHYLPREDNISOLONE, AND HYPERBARIC OXYGENATION FOR TREATING SPINAL CORD INJURIES, (I, III, IV)

ICC, Room 235

MaryBeth Horodyski, EdD, ATC, FNATA, University of Florida

Moderator: *Michelle Cleary, PhD, ATC, CSCS, Chapman University*



Daily Event Schedule

FRIDAY, JUNE 27

FREE COMMUNICATIONS ORAL PRESENTATIONS, 8:00 AM – 8:45 AM

INSTRUMENT ASSISTED MANUAL THERAPY

ICC, Room 244

Moderator: Russell Baker DAT, ATC, University of Idaho

8:00 AM - 8:15 AM

The Effect of Instrument-Assisted Manual Therapy Technique on Brachial Hemodynamics and Pain

Tony Boucher, PhD, PT, ATC, Texas A&M University, College Station

8:15 AM - 8:30 AM

Effect of Graston Technique® as a Treatment for Patients with Chronic Plantar Fasciitis, A Randomized Controlled Trial

Troy Garrett, MS, LAT, ATC, University of Northern Iowa

8:30 AM - 8:45 AM

The Effect of Instrument-Assisted Soft Tissue Mobilization on Iliotibial Band Extensibility

Jordan Smuts, MS, ATC, Indiana University

FREE COMMUNICATIONS ORAL PRESENTATIONS, 8:00 AM – 9:00 AM

INFLUENCE OF HEAD IMPACTS ON CONCUSSION MEASURES

ICC, Room 245

Moderator: Melissa Fraser, MS, ATC, LAT, University of North Carolina at Chapel Hill

8:00 AM - 8:15 AM

Traumatic Brain Injury Does Not Increase Subsequent Risk of Non-Contact Lower Extremity Injury

Timothy Mauntel, MA, ATC, PES, University of North Carolina at Chapel Hill

8:15 AM - 8:30 AM

Comparing Computerized BESS Scores Between Student-Athletes Involved in Collision, Contact, and Non-Contact Sports

Johanna Lukk, University of Delaware

8:30 AM - 8:45 AM

Cumulative Sub-Concussive Head Impacts Degrade Visual Target Capture Times in High School Football Players

Julianne Schmidt, PhD, ATC, University of Georgia

8:45 AM - 9:00 AM

Health-Related Quality of Life Declines from Pre-Season to Mid-Season in High School Football Athletes

Richelle Mayfield, MS, ATC, University of Michigan

FREE COMMUNICATIONS THEMATIC POSTER PRESENTATIONS, 8:00 AM – 9:30 AM

EMERGENCY CARE & MANAGEMENT IN SPORTS MEDICINE

ICC, Room 204

Moderator: Robb Rehberg, PhD, ATC, NREMT, Athletic Trainers' Society of New Jersey, Inc

1. Opinions of Athletic Trainers on the Effectiveness of Two Spine Immobilization Techniques in a Gymnastics Pit
Jeffrey Bonacci, DA, ATC, University of Arkansas

2. Force Attenuation of Football and Lacrosse Helmets
Katherine Breedlove, MS, ATC, Purdue University

3. Emergency Planning for Sudden Cardiac Events in Michigan High Schools

Alana Ranucci, Saginaw Valley State University

4. Characteristics of Football Helmets Associated With the Incidence of Sport-Related Concussion in High School Football Players

Timothy McGuine, PhD, ATC, University of Wisconsin

5. The Role of Practice on Lacrosse Helmet Face Mask Removal Time

Daniel Martinez, ATC, Lynchburg College

6. Force Attenuation of New and Old Lacrosse Helmets

Thomas Bowman, PhD, ATC, Lynchburg College

7. A Comparison of Head Acceleration, Time and Difficulty During Helmet Removal With and Without Face Mask Removal

W. Steven Tucker, PhD, ATC, University of Central Arkansas

8. Football Equipment Removal Time and Difficulty in an Exertional Heat Stroke Scenario

Brad Endres, ATC, LAT, CSCS, New Hampshire Musculoskeletal Institute

8:30 AM – 9:30 AM

CUATC AWARDS BREAKFAST

ICC, Room 210

*Invitation Only



Daily Event Schedule

FRIDAY, JUNE 27

* Pre-Registration required

FREE COMMUNICATIONS ORAL PRESENTATIONS,

9:00 AM – 10:15 AM

HOT TOPICS IN HEAT ILLNESS

ICC, Room 244

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

9:00 AM -9:15 AM

Effects of Ice Slurry Consumption During a Warm-Weather Road Race

Luke Belval, ATC, Korey Stringer Institute

9:15 AM -9:30 AM

Use of the Discomfort Index (DI) as an Alternative Heat Stress Index (HSI)

Jessica Dysart Miles, MAEd, ATC, LAT, University of North Georgia

9:30 AM - 9:45 AM

Effect of Educational Intervention on Hydration Behaviors, Status, and Knowledge in High School Football Players

Koji Kanemura, University of Arkansas

9:45 AM - 10:00 AM

The Influence of Intermittent Hand Cooling on Core Body Temperature and Performance in the Heat While Wearing an American Football Uniform

Michael Sundeen, ATC, Korey Stringer Institute

10:00 AM - 10:15 AM

The CoolShirt System Aids Thermoregulation During Exertion in a Hot Environment

Phillip Stamatis, ATC, Orthopedic Associates of Dutchess County

9:15 AM – 10:15 AM



FACE TIME '14



ICC, Room 104

FREE COMMUNICATIONS ORAL PRESENTATIONS,

9:15 AM – 10:15 AM

BIOMECHANICS AND ADAPTATIONS TO OVERHEAD SPORTS

ICC, Room 245

Moderator: *Stephen Thomas, PhD, ATC, Neumann University*

9:15 AM - 9:30 AM

Correlation of Shoulder and Elbow Kinetics with Ball Velocity in Collegiate Baseball Pitchers

Eric Post, ATC, Illinois State University

9:30 AM - 9:45 AM

Reliability and Validity of Two-Dimensional Video Analysis of Joint and Segment Angles During Baseball Pitching

Sakiko Oyama, PhD, ATC, University of Texas, San Antonio

9:45 AM - 10:00 AM

Relationship Between Pitch Count and Infraspinatus Cross-Sectional Area and Shoulder Range of Motion

Elizabeth Hibberd, MA, ATC, University of North Carolina at Chapel Hill

10:00 AM - 10:15 AM

Acute Alterations of Scapular Upward Rotation Following a Functional Fatiguing Protocol in Male Tennis Players

R. Lyndsey Rich, MS, ATC, Samford University

9:00 AM – 11:00 AM

HEALTH CARE ADMINISTRATORS' FORUM

JW, White River I

9:00 AM – 4:00 PM

NBATA/NATA BLOOD DRIVE OPEN

ICC, Room 211

9:00 AM – 6:00 PM

CRAMER STUDENT LOUNGE

ICC, 500 Reception Room



Cornerstone NATA Sponsor

9:00 AM – 7:00 PM

CRAMER YOUNG PROFESSIONALS' LOUNGE

ICC, Room 201



Cornerstone NATA Sponsor

SPECIAL TOPICS, 9:15 AM -10:15 AM



ORTHOPEDIC INFECTIONS: WHAT YOU NEED TO KNOW, (I, II, IV)

ICC, Room 240

Gerald Weniger, MEd, ATC, PA-C, James Madison University

Moderator: *Aaron Wells, PhD, ATC, Brigham Young University*



COPING WITH THE DEATH OF AN ATHLETE, (V)

ICC, Room 238



Kari Riddle, MS, ATC, LAT, UHealth Sports Medicine-Plantation



Moderator: *Beth McGuire, MA, ATC, Central Michigan University*



Daily Event Schedule

FRIDAY, JUNE 27

* Pre-Registration required



IONTOPHORESIS DEBATE: DEPTH OF DRUG DELIVERY, WIRED ELECTRODES VS PATCHES, (IV)

ICC, Room 235

David Draper, EdD, ATC, FNATA, Brigham Young University
Moderator: **Cynthia Trowbridge**, PhD, ATC, LAT, University of Texas at Arlington



WHOLE BODY VIBRATION FOR TREATMENT OF ORTHOPAEDIC INJURY AND DISEASE, (I, IV)

ICC, Room 232

Troy Blackburn, PhD, ATC, University of North Carolina at Chapel Hill
Moderator: **Steven Zinder**, PhD, ATC, University of South Florida

LEARNING LABS, 9:15 AM - 11:15 AM*



IMPLEMENTATION OF A TEAM-BASED ACL INJURY PREVENTION PROGRAM, (I)

ICC, Room 137

Darin Padua, PhD, ATC, University of North Carolina at Chapel Hill
Moderator: **Carl Mattacola**, PhD, ATC, FNATA, University of Kentucky



REGIONAL INTERDEPENDENCE: LOOKING BEYOND THE LOCATION OF PAIN BY ASSESSING MOVEMENT DYSFUNCTION, (I, II, IV)

ICC, Room 132

Marcie Fyock, MS, ATC, George Mason University
Moderator: **Paul Spear**, MS, ATC, RN, Memorial Health System

SESSIONS, 9:15 AM - 11:15 AM



A CASE STUDY APPROACH REGARDING THE RECOGNITION & STRATEGIC MANAGEMENT OF VITAMIN D DEFICIENCY IN ATHLETES, (I, II, IV)

ICC, Room 109

Presented by the Sports, Cardiovascular and Wellness Nutrition/American Dietetic Association

D. Enete Larson Meyer, PhD, RD, CSSD, University of Wyoming

Joi Thomas, MS, ATC, LAT, University of Wyoming

Moderator: **Dana Angelo White**, MS, RD, ATC, Quinnipiac University

PARS FRACTURES IN ADOLESCENT ATHLETES, (II, IV)

ICC, 500 Ballroom

Presented by the North American Spine Society

Introduction, Definitions, Discussion of Case Example
Clinical Evaluation and Work-Up for Athlete With Suspected Spondylolysis

Peter Gonzalez, MD, Eastern Virginia Medical School

Treatment Options for the Athlete with Diagnosed Spondylolysis

Stanley Herring, MD, University of Washington Medicine Sports and Spine

Physical Therapy/Rehab Program for the Athlete With Diagnosed Spondylolysis

Omar Bhatti, MD, University of Washington

Moderator: **Omar Bhatti**, MD, University of Washington

FEATURE PRESENTATIONS, 9:15 AM - 11:15 AM



INTERPROFESSIONAL MANAGEMENT OF THE DIABETIC ATHLETE, (I, II, III, V)

ICC, Sagamore Ballroom 6

The Basics of Diabetes and Its Management

Amy Drew, PharmD, St. Louis College of Pharmacy

It's More Than Just Hypoglycemia: The Effect of Diabetes on Other Common Pathologies

Tyler Wadsworth, MD, Advanced Orthopedics & Sports Medicine

Grand Rounds-Panel Speakers

Anthony Breitbach, PhD, ATC, Saint Louis University

Kathrin Eliot, PhD, RD, LD, Saint Louis University

Moderator: **Michael Mulcahey**, MA, ATC, NREMT, University of Dayton



CLINICAL PERSPECTIVES AND EMERGING CONCEPTS FOR TREATING MUSCLE DYSFUNCTION, (I, II, IV)

ICC, Sagamore Ballroom 4

Neural Origins of Muscle Weakness Following Joint Injury

Brian Pietrosimone, PhD, ATC, University of North Carolina at Chapel Hill

Consequences of Muscle Weakness Associated with Joint Injury

Riann Palmieri-Smith, PhD, ATC, University of Michigan

Innovative Strategies for Treating Muscle Weakness Following Joint Injury

Joseph Hart, PhD, ATC, University of Virginia

Moderator: **J. Ty Hopkins**, PhD, ATC, FNATA, Brigham Young University



Daily Events Schedule

FRIDAY, JUNE 27

* Pre-Registration required

FREE COMMUNICATIONS ORAL PRESENTATIONS, 9:30 AM - 10:45 AM

REHAB TECHNOLOGIES FOR ANKLE INSTABILITY

ICC, Room 243

Moderator: Terry Grindstaff, PhD, PT, ATC, Creighton University

9:30 AM - 9:45 AM

Effects of Talocrural Joint Mobilizations on Restricted Ankle Dorsiflexion and Squatting Kinematics

Molly Smith, MA, ATC, University of North Carolina at Chapel Hill

9:45 AM - 10:00 AM

The Effects of Two Weeks of Sensory-Targeted Ankle Rehabilitation Strategies on Range of Motion, Balance, and Self-Assessed Function in Those with Chronic Ankle Instability

Erik Wikstrom, PhD, ATC, LAT, University of North Carolina at Charlotte

10:00 AM - 10:15 AM

Balance Training vs. Balance Training with STARS in Those with Chronic Ankle Instability: A Randomized Controlled Trial

Christopher Burcal, MSc, LAT, ATC, University of North Carolina at Charlotte

10:15 AM - 10:30 AM

The Effects of Two Weeks of Sensory-Targeted Ankle Rehabilitation Strategies on Self-Assessed Function in those with Chronic Ankle Instability: A 1-Month Follow-Up

Patrick McKeon, PhD, ATC, CSCS, Ithaca College

10:30 AM - 10:45 AM

Hip Strengthening Protocol Effects on Neuromuscular Control, Hip Strength and Self-Reported Deficits in Individuals with Functional Ankle Instability

Brent Smith, DHSc, ATC, LAT, A.T. Still University

SESSION, 9:45 AM - 11:15 AM



IMPLEMENTING PRACTICE-BASED RESEARCH INTO THE COLLEGIATE CLINICAL SETTING, (I, II, III, IV, V)



ICC, Wabash Ballroom 1

Presented by the College/University Athletic Trainers' Committee



Putting Your Patient Care Data to Use

Chad Clements, MS, ATC, Boston University

Using Your Existing Documentation to Improve Your Practice

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

Applying Your Data Analysis to Better Your Athletic Training Room

Randall Cohen, ATC, DPT, University of Arizona

Moderator: Joseph Whitson, MEd, ATC, Illinois State University

FREE COMMUNICATIONS THEMATIC POSTER PRESENTATIONS, 10:00 AM - 11:30 AM

CHARACTERIZING CLINICAL PRACTICE AND USE OF PATIENT OUTCOME MEASURES

ICC, Room 204

Moderator: Sarah Manspeaker, PhD, ATC, Texas Christian University

1. Clinical Practice Patterns and Beliefs of Athletic Trainers in the Management of Hamstring Strain Injuries

Andrea Di Trani, MS, ATC, University of Delaware

2. Functional Performance Differences Between Gender and Grade-Level in High School Athletes: The Functional Pre-Participation Physical Evaluation (FPPE) Project

Cambrie Starkel, MS, Ohio State University

3. Athletic Training Services Provided During Daily Patient Encounters in the Secondary School Setting: A Report from the Athletic Training Practice-Based Research Network

Lisa Stobierski, ATC, A.T. Still University

4. Determination of the Functional Movement Screen to Predict Musculoskeletal Injury in Inter-Collegiate Athletics

Brian Wiese, MS, ATC, LAT, University of Kentucky

5. The Impact of Sport and Sex on Sport-Related Injury Patterns: A Report from the Athletic Training Practice-Based Research Network

Shirleeah Fayson, ATC, A.T. Still University

6. Treatment Characteristics and Estimated Direct Costs of Care Provided by Athletic Trainers for Lower Extremity Injuries: A Report from the Athletic Training Practice-Based Research Network

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

7. Clinicians are Unfamiliar and Infrequently Implement Clinical Decision Rules

Dorice Hankemeier, PhD, ATC, Ball State University

8. Familiarity and Use of Patient-Rated Outcome Measures Among Athletic Trainers

Jennifer Popp, EdD, ATC, LAT, Ball State University

10:00 AM - 4:00 PM

NATA FOUNDATION SILENT AUCTION

ICC, Hall I, NATA Connect

Final bidding closes at 4:00pm today.

10:15 AM - 11:15 AM

ATSS STUDENT CAREER ROUNDTABLES

JW, White River F

Attended by PBATS alumnus.



Daily Event Schedule

FRIDAY, JUNE 27

* Pre-Registration required

EVIDENCE-BASED FORUM, 10:30 AM - 11:30 AM

HEAT ACCLIMATIZATION IN ADOLESCENTS

ICC, Room 244

David Csillan, MS, ATC, LAT, Ewing High School
Rebecca Stearns, PhD, ATC, PES, Korey Stringer Institute
Moderator: *Susan Yeargin, PhD, ATC, University of South Carolina*

PATHOMECHANICS AND REHABILITATION OF ROTATOR CUFF TENDINOPATHY

ICC, Room 245

Stephen Thomas, PhD, ATC, Neumann University
Brian Leggin, PT, DPT, OCS, Good Shepherd Penn Partners
Moderator: *Kathleen Swanik, PhD, ATC, Neumann University*

J&J FEATURE PRESENTATION, 11:45 AM - 1:45 PM



ADV DOES PROTECTIVE HEADGEAR MAKE CONTACT SPORTS SAFER? CURRENT TRENDS IN PREVENTION OF SPORTS-RELATED CONCUSSIONS, (I, V)

ICC, Hall F

Protective Headgear: Current Technologies & Materials, and Its Relation to Injury Prevention
Jason Mihalik, PhD, CAT(C), ATC, University of North Carolina at Chapel Hill

Laboratory Helmet Testing: Are All Helmets Made Equal?
Thomas Bowman, PhD, ATC, PES, Lynchburg College

Biomechanics: Impacting Youth Sports
Kevin Guskiewicz, PhD, ATC, FNATA, University of North Carolina at Chapel Hill
Moderator: *Tamara Valovich McLeod, PhD, ATC, FNATA, A.T. Still University*

2:00 PM - 3:00 PM

HALL OF FAME INDUCTION CEREMONY

ICC, Hall F

3:00 PM - 4:00 PM

NATA GENERAL SESSION AND ANNUAL MEMBERS' MEETING

ICC, Hall F

4:00 PM - 4:45 PM



J&J KEYNOTE PRESENTATION

ICC, Hall F



Captain Mark Kelly, combat pilot, astronaut and shuttle commander, prostate cancer survivor and best-selling author, presents the J&J Keynote Address at 4:00pm. Kelly will speak about succeeding in the face of serious adversity. His presentation will explain how to accomplish your mission while maintaining a love and devotion to family. Kelly will detail how his personal experiences and challenges have taught him important lessons about hope, perseverance, teamwork and courage.

SPECIAL TOPICS, 5:00 PM - 6:00 PM



"I'M JUST USING THIS FOR THE PLACEBO EFFECT" - IMPLICATIONS OF PLACEBO RESEARCH IN CLINICAL PRACTICE, (IV)

ICC, Room 238

Patrick Sexton, EdD, ATC, Minnesota State University at Mankato
Moderator: *Jay Albrecht, PhD, ATC, Minnesota State University Moorhead*



PATIENT OUTCOMES: TREATING ANKLE INJURIES USING THE MULLIGAN CONCEPT OF MOBILIZATION WITH MOVEMENT, (II, IV)

ICC, Room 232

James May, MS, ATC, Lynchburg College
Moderator: *Molly Jennings, MA, ATC, Central Michigan University*



THE ROLE OF THE PELVIC FLOOR IN SPORTS REHABILITATION AND PERFORMANCE, (IV)

ICC, Room 235

Sheri Walters, DPT, MS, ATC, Athlete's Performance
Moderator: *Matthew Gage, PhD, ATC, Liberty University*

PEER-TO-PEER DISCUSSION, 5:00 PM - 6:00 PM



WHAT SHOULD THE ATHLETIC TRAINERS' ROLE BE IN THE OCCUPATIONAL HEALTH SETTING?

ICC, Room 141

Nathan Welever, MS, ATC, LAT, Work-Fit
Thomas Bair, MEd, ATC, LAT, ProgressiveHealth

5:00 PM - 6:00 PM

WORLD FEDERATION OF ATHLETIC TRAINING & THERAPY MEMBERSHIP MEETING

JW, White River I

DAILY EVENTS



Daily Event Schedule

FRIDAY, JUNE 27

* Pre-Registration required

5:00 PM – 7:00 PM

6TH ANNUAL NATIONAL QUIZ BOWL

ICC, Room 104

SESSIONS, 5:00 PM – 7:00 PM

ESS TREATMENT OF THE SHOULDER'S LABRAL CLOCK FACE: TIMES ARE CHANGING FOR OVERHEAD AND CONTACT ATHLETES, (IV)

ICC, Wabash Ballroom 1

Presented by the American Orthopaedic Society for Sports Medicine

The Overhead Athlete

Steven Lemos, MD, PhD, DMC Sports Medicine-Warren

The Contact Athlete

James Bicos, MD, St. Vincent Orthopedics

Case-Based Didactic Session

Joseph Guettler, MD, Performance Orthopedics

Moderator: Joseph Guettler, MD, Performance Orthopedics

ESS ADVANCEMENTS IN SPORT INJURY PREVENTION, (I, II, III, IV, V)

ICC, Sagamore Ballroom 6

Presented by the NATA Journal Committee

Using Institutional Data for Planning and Clinical Care Decisions

Brian Vesci, MA, ATC, Boston University

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

NCAA Rules Changes and Sport Safety

David Klossner, PhD, ATC, University of Maryland

Evidence-Based Perspectives on Cardiac Screening and Care

Kimberly Harmon, MD, Hall Health Primary Care Clinic

ESS ARE YOU PREPARED FOR CONCUSSION LITIGATION?, (V)

ICC, 500 Ballroom

Presented by the Professional Development Committee

Richard Adler, JD, Adler Giersch

Stanley Herring, MD, University of Washington Medicine Sports and Spine

Kevin Guskiewicz, PhD, ATC, FNATA, University of North Carolina at Chapel Hill

Moderator: Kasee Hildebrand, PhD, MS, ATC, Washington State University

ESS THE DEVELOPMENT AND MANAGEMENT OF AN EFFECTIVE CLINICAL ROTATION PROGRAM IN THE EMERGING SETTINGS, (V)

ICC, Room 109

Presented by the NATA Committee on Practice Advancement

Clinical Opportunities at NASA

Erik Nason, MS, ATC, CSCS, Kennedy Space Center RehabWorks

Clinical Opportunities at Nationwide Children's

Meredith Dotson, MEd, ATC, CEC, Nationwide Children's Sports Medicine

CAATE Compliance Q&A

Mark Laursen, MS, ATC, Boston University

Moderator: Lisa Kluchurosky, MEd, ATC, Nationwide Children's Sports Medicine

LEARNING LABS, 5:00 PM – 7:00 PM*

ESS RUNNING BIOMECHANICS OF SPEED, AGILITY AND QUICKNESS, (I,V)

ICC, Room 137

Tony Robles, ATC, Detroit Medical Center

Moderator: Douglas Long, PhD, ATC, LAT, Great Plains Sports and Therapy Center

ADV SEMI-RIGID CASTING OF THE MCP JOINTS, (IV)

ICC, Room 132

Rod Walters, ATC, Walters, Inc. - Consultants in Sports Medicine

Moderator: Ryan Wantz, MS, LAT, ATC, Lehigh University

6:00 PM – 7:00 PM

NATA FOUNDATION DONOR RECEPTION

JW, Room 104

6:00 PM – 7:30 PM

YOUNG PROFESSIONALS' SOCIAL: REMEMBERING OUR ROOTS, FORGING OUR FUTURE

ICC, Room 201

Attended by PBATS alumnus.



Cornerstone NATA Sponsor



Daily Event Schedule

SATURDAY, JUNE 28

* Pre-Registration required

6:00 PM – 9:00 PM

JAPAN ATHLETIC TRAINERS' ORGANIZATION STUDENT SEMINAR & RECEPTION

Marriott, Marriott 8

7:00 PM

NATA FOUNDATION FUNDRAISER WITH THE INDIANA FEVER

Join us as we watch the WNBA's Indiana Fever take on the Phoenix Mercury. Not only will you get to watch WNBA All Stars Tameka Catchings, Diana Taurasi and Brittney Griner battle it out on the court, but it will be an excellent opportunity to relax and network with your AT colleagues from across the country. The Fever will donate \$3 for each ticket sold to the NATA Foundation. For more information and to buy your tickets call the Fever offices: Nathan Burger (317) 917-2805 or Kalee Gerig (317) 917-2824

7:00 PM – 9:00 PM

FRIENDS OF BILL W.

JW, Room 106

MINICOURSES, 7:15 PM – 8:15 PM*

ESS ACUTE MUSCLE INJURY: RELIEVING THE "STRAIN" IN YOUR CLINICAL PRACTICE WITH EVIDENCE-BASED SOLUTIONS. (IV)

ICC, Room 141

Todd Evans, PhD, ATC, University of Northern Iowa

Moderator: Kathryn Webster, PhD, ATC, Boston University

ADV SPORT-SPECIFIC TRAINING FOR THE THROWING ATHLETE: TARGETING THE HIPS, SPINE, AND TRUNK. (IV)

ICC, Wabash Ballroom 1

Thomas Palmer, PhD, ATC, CSCS, University of Cincinnati

Moderator: Daisuke Sugimoto, PhD, ATC, CSCS, The Micheli Center/ Boston Children's Hospital

ADV SUCCESSFUL REHABILITATION FOR ACHILLES TENDINOPATHY. (IV)

ICC, 500 Ballroom

Karin Silbernagel, PhD, ATC, PT, University of the Sciences

Moderator: Christopher Kuenze, PhD, ATC, University of Miami

7:15 PM – 8:30 PM

PRESIDENT'S VIP RECEPTION HONORING THE HALL OF FAME, IN MEMORY OF JOHN D. "JACK" ROCKWELL

JW, White River D



SATURDAY, JUNE 28, 2014

MINICOURSES, 7:00 AM – 8:00 AM*

ESS UNIQUE APPROACHES TO REHABILITATION USING GAMING SYSTEMS AND NOVEL TECHNOLOGIES: WHAT'S THE COST AND BENEFIT? (IV)

ICC, Wabash Ballroom 1

Erik Wikstrom, PhD, ATC, LAT, University of North Carolina at Charlotte

Moderator: Keith Naugle, PhD, ATC, LAT, University of Florida

ESS THE DECISION-MAKING PROCESS FOR PRE-HOSPITAL EQUIPMENT REMOVAL IN CATASTROPHIC SPINE INJURY: CRITICAL ANALYSIS, A LOOK AT THE EVIDENCE. (I, III, IV)

ICC, 500 Ballroom

Michael Kordecki, DPT, SCS, ATC, Proaxis Care

Moderator: Robert Lynall, MS, ATC, University of North Carolina at Chapel Hill

ADV MEDIAL PATELLOFEMORAL LIGAMENT RECONSTRUCTION: TECHNIQUE AND REHABILITATION CONSIDERATIONS. (II, IV)

ICC, Room 109

Melissa Manus, ATC, RPA-C, Schenectady Regional Orthopedics

Moderator: Laura Decoster, ATC, NHLAT, NH Musculoskeletal Institute

FREE COMMUNICATION ORAL PRESENTATIONS, 8:00 AM – 9:00 AM

UPPER EXTREMITY MUSCLE ACTIVATION

ICC, Room 244

Moderator: Stephanie Moore-Reed, PhD, ATC, California State University, Fresno

8:00 AM -8:15 AM

Lower Trapezius Muscle Thickness and Strength in Patients With and Without Scapular Dyskinesia

Alex VanDeusen, ATC, Indiana State University

DAILY EVENTS



Daily Event Schedule

SATURDAY, JUNE 28

* Pre-Registration required

continued from page 39

8:15 AM - 8:30 AM

Activity Comparison Of The Serratus Anterior And Lower Trapezius Muscles During Different Exercise Orientations

Masaaki Tsuruike, PhD, ATC, San Jose State University

8:30 AM - 8:45 AM

Serratus Anterior Activation in Overhead Athletes with Shoulder Impingement During Phases of the Push-Up

Christina Smith, ATC, University of Central Arkansas

8:45 AM - 9:00 AM

Scapular Muscle Activities During Closed Chain Shoulder Exercises

Anna Porter, ATC, LAT, University of Kentucky

FREE COMMUNICATION ORAL PRESENTATIONS, 8:00 AM – 9:15 AM

QUALITY OF LIFE AFTER LOWER EXTREMITY INJURY

ICC, Room 243

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

8:00 AM - 8:15 AM

An Acute Lateral Ankle Sprain Significantly Decreases Physical Activity Across the Lifespan

Tricia Hubbard-Turner, PhD, ATC, LAT, University of North Carolina at Charlotte

8:15 AM - 8:30 AM

Knee Injury History Impacts Health-Related Quality of Life in Adolescent Athletes

Jessica Markbreiter, ATC, A.T. Still University

8:30 AM - 8:45 AM

A Comparison of Health-Related Quality of Life, Knee Function and Physical Activity in Young Subjects With and Without a Second ACL Injury

Gregory Barlow, MEd, ATC, LAT, University of Wisconsin, Madison

8:45 AM - 9:00 AM

Health-Related Quality of Life is Lower in Division I Collision Athletes Compared to Contact and Non-Contact Division I Athletes

Janet Simon, MS, ATC, Indiana University

9:00 AM - 9:15 AM

Adolescent Athletes Demonstrate Rapid Improvements in Health-Related Quality of Life Following Sport-Related Injury: A Report from the Athletic Training Practice-Based Research Network

Caitlee Welch, PhD, ATC, A.T. Still University

FREE COMMUNICATION ORAL PRESENTATIONS, 8:00 AM – 9:15 AM

CORE AND SPINE

ICC, Room 245

Moderator: *Matthew Gage, PhD, ATC, Liberty University*

8:00 AM - 8:15 AM

The Side Plank as a Measure of Core Stability Is Not Associated with Landing Biomechanics

Kate Pfile, PhD, ATC, College of Charleston

8:15 AM - 8:30 AM

The Effect of Target Position on the Accuracy of Cervical Spine Rotation Active Joint Position Sense

Takashi Nagai, PhD, ATC, University of Pittsburgh

8:30 AM - 8:45 AM

Reliability of Sacroiliac Joint Pain Provocation Tests in Experienced and Inexperienced Athletic Trainers

Michelle Sandrey, PhD, ATC, West Virginia University

8:45 AM - 9:00 AM

Relationship Among Subjective and Objective Measures of Disability in Patients with Non-Specific Low Back Pain

Mark Sutherland, MS, ATC, University of Virginia

9:00 AM - 9:15 AM

Diagnostic Ultrasound Imaging to Measure the Thickness of the Transversus Abdominis Muscle During a Supine Abdominal Bridge

Mary Green, MS, ATC, Liberty University

8:00 AM – 9:45 AM*

PINKY NEWELL SCHOLARSHIP AND LEADERSHIP BREAKFAST

Presented by NATA and the NATA Foundation Young Professionals' Committee

JW, White River F

FREE COMMUNICATIONS, THEMATIC POSTER/RAPID FIRE PRESENTATIONS, 8:00 AM – 10:00 AM

HEALTH AND SAFETY IN THE SECONDARY SCHOOL SETTING

ICC, Room 204

Moderator: *Rebecca Stearns, PhD, ATC, PES, Korey Stringer Institute*

1. Implementing Health and Safety Policy Changes in the High School Setting from a Leadership Perspective

Kelly Pagnotta, MA, ATC, PES, University of Connecticut

2. Sport-Related Emergency Action Plan Creation and Implementation in the Secondary School Setting

Michael Dhesse, Northern Illinois University



Daily Event Schedule

SATURDAY, JUNE 28

* Pre-Registration required

3. The Impact of Concussion Education on the Knowledge and Perceived Expertise of Novice Healthcare Professionals

Tamerah Hunt, PhD, ATC, Ohio State University

4. The Collaborative Relationship Between Athletic Trainers and School Nurses For Managing Sport-Related Concussion

Lindsay Minthorn, ATC, A.T. Still University

5. The Influence of Athletic Training Experience in the Secondary School Setting on Concussion Management, Referral and Familiarity of Academic Accommodations

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

6. Assessing Sex Differences in High School Student Athletes' General Knowledge, Awareness and Reporting Behaviors of Concussion

Jessica Wallace, MA, ATC, Michigan State University

7. Influence of Demographic Factors and Personal Concussion History on Concussion Knowledge and Attitudes Among Parents of Youth Athletes

Johna Register-Mihalik, PhD, LAT, ATC, WakeMed Health & Hospitals

8. School Nurse Concussion Management: Collaborative Professional Relationships and Concussion Policy Knowledge in the Secondary School Setting

Daniel Mummert, MS, ATC, LAT, A.T. Still University

9. The Impact of Athletic Trainer Employment on School Nurses' Concussion Management Practices for Student-Athletes with Sport-Related Concussions

Michelle Weber, ATC, A.T. Still University

10. The Comparison of Athletic Trainers' and School Nurses' Familiarity and Perceptions of Academic Accommodations Following Sport-Related Concussion

Melissa Kay, ATC, A.T. Still University

11. Athletic Directors' Barrier to Hiring Athletic Trainers in Secondary Schools

Samantha Raso, ATC, University of Connecticut

LEARNING LABS, 8:15 AM - 10:15 AM*



BEYOND THE BASICS: ADVANCED MANUAL THERAPY TECHNIQUES OF THE UPPER EXTREMITY THAT EVERY ATHLETIC TRAINER SHOULD KNOW, (IV)

ICC, Room 132

Jill Manners, MS, MPT, LAT, Western Carolina University

Moderator: *Brittany Bergens, ATC, Auburn University*



FOAM ROLLERS: SOFT TISSUE MOBILIZATION, (IV)

ICC, Room 137

William Shinavier, MS, ATC, CSCS, University of Michigan

Moderator: *Cynthia Wright, PhD, ATC, Whitworth University*

SESSIONS, 8:15 AM - 10:15 AM



UNDERTAKING INTERNATIONAL AND GLOBAL ENDEAVORS IN ATHLETIC TRAINING, (V)



ICC, Wabash Ballroom 1



Presented by the NATA International Committee & the World Federation of Athletic Training & Therapy

Where Might You Fit In? Global Developments in Athletic Training/Therapy

Larry Leverenz, PhD, ATC, Purdue University

What Types of International Experiences are Available in Athletic Training?

Benjamin Towne, MA, ATC, University of Southern Maine

How To Travel as a Working Athletic Trainer Overseas

C. David Burton, MA, ATC, Cirque du Soleil

Moderator: *Mark Gibson, MS, ATC, PT, University of Wisconsin, LaCrosse*



THE VALUE OF ATC-ORTHOTECH (OTC®) DUAL CREDENTIALING - MAKING THE MOST OF BECOMING A PHYSICIAN EXTENDER, (II, IV, V)



ICC, Room 109

Presented by the National Association of Orthopaedic Technologists

Katherine Bagnato, OTC, ATC, CEAS, Rothman Institute/AtlantiCare

Sean Conkle, OTC, National Association of Orthopaedic Technologists

Moderator: *Fran Babich, MS, ATC, Butte Community College*

8:00 AM - 12:00 PM

CAREER CENTER
ICC, Hall H





Daily Event Schedule

SATURDAY, JUNE 28

FEATURE PRESENTATIONS, 8:15 AM - 10:15 AM

ESS **NEGATIVE ENCOUNTERS IN THE WORKPLACE: RECOGNIZING AND DEALING WITH VARIOUS FORMS OF CONFLICT IN ATHLETIC TRAINING SETTINGS, (V)**



ICC, Sagamore Ballroom 6

What Happens When the Interests of an Organization and a Health Care Professional Working Within it Don't Agree?
William Pitney, EdD, ATC, FNATA, Northern Illinois University

Work-Life Conflict in Athletic Training Settings
Stephanie Mazerolle, PhD, ATC, University of Connecticut

Interpersonal Conflict in Athletic Training Practice Settings
Celest Weuve, PhD, ATC, CSCS, Lincoln Memorial University
Moderator: *James Hand, EdD, ATC, Catawba College*

ADV **A FRESH LOOK AT AN OLD PROBLEM: AN EVIDENCE-BASED FOCUS TO ANKLE SPRAINS, (I, II, III, IV)**

ICC, Sagamore Ballroom 4

Ankle Sprain Prevention: Translating Research into Practice
Timothy McGuine, PhD, ATC, University of Wisconsin

Diagnosis of Ankle Sprains: Advances in Physical Exam and Imaging
Jay Hertel, PhD, ATC, FNATA, University of Virginia

Rehabilitation of Ankle Sprains: Evidence for Therapeutic Exercise and Manual Therapy
Terry Grindstaff, PhD, PT, ATC, Creighton University
Moderator: *Lisa Chinn, PhD, ATC, Kent State University*

SPECIAL TOPICS, 8:45 AM - 9:45 AM

ADV **MESENCHYMAL STEM CELL USE IN MUSCULOSKELETAL ATHLETIC CARE: WHERE ARE WE IN 2014?, (IV)**

ICC, Room 232

John Nyland, EdD, ATC, University of Louisville
Moderator: *Mike Diede, PhD, ATC, Brigham Young University*

ESS **ELEVATING TREATMENT: THE EVIDENCE FOR ELEVATION IN RICE, (IV)**

ICC, Room 240

Cordial Gillette, PhD, ATC, University of Wisconsin, La Crosse
Moderator: *Mark Merrick, PhD, ATC, FNATA, Ohio State University*

ESS **U.S. NAVY'S NEW HIGH-TECH FITNESS PROGRAM TRANSFORMS PHYSICAL TRAINING PRACTICES, (I, V)**
ICC, Room 235

Diana Stroock, MAT, ATC, Naval Amphibious Base
Moderator: *Sarah de la Motte, PhD, MPH, ATC, Uniformed Services University*

ESS **TRAINING CONSIDERATIONS AND CONCERNS FOR PEDIATRIC ATHLETES, (I)**

ICC, Room 238

Shelly DiCesaro, PhD, LAT, ATC, California University of Pennsylvania
Moderator: *Tracey Covassin, PhD, ATC, Michigan State University*

PEER-TO-PEER DISCUSSION, 8:45 AM - 9:45 AM

WHY RESEARCH & CLINICAL EXPERIENCE CAN FAIL PATIENT-CENTERED CARE

ICC, Room 141

Craig Denegar, PhD, ATC, FNATA, University of Connecticut
Jennifer Medina-McKeon, PhD, ATC, Ithaca College

9:00 AM - 12:00 PM*



MYERS-BRIGGS WORKSHOP

ICC, Room 210

9:00 AM - 6:00 PM

CRAMER STUDENT LOUNGE

ICC, 500 Reception Room



Cornerstone NATA Sponsor

9:00 AM - 5:00 PM

CRAMER YOUNG PROFESSIONALS' LOUNGE

ICC, Room 201



Cornerstone NATA Sponsor

EVIDENCE-BASED FORUM, 9:15 AM - 10:15 AM

ESS **CONCUSSION EVALUATION: BASELINE VALUES VS NORMATIVE VALUES, (II)**

ICC, Room 244

Julianne Schmidt, PhD, ATC, University of Georgia
Robert Lynall, MS, ATC, University of North Carolina at Chapel Hill
Moderator: *Janna Fonseca, MEd, ATC, Carolina Family Practice and Sports Medicine*



Daily Event Schedule

SATURDAY, JUNE 28

* Pre-Registration required

FREE COMMUNICATIONS, ORAL PRESENTATIONS, 9:30 AM – 10:15 AM

RISK FACTORS, DISABILITY AND PREVENTION OF PITCHING INJURIES

ICC, Room 245

Moderator: Aaron Sciascia, MS, ATC, PES, Shoulder
Center of Kentucky

9:30 AM -9:45 AM

Discriminant Analysis of a Region-Specific Patient
Self-Report Scale in Baseball and Softball Players: The
Functional Arm Scale for Throwers (FAST)

Kellie Huxel Bliven, PhD, ATC, A.T. Still University

9:45 AM -10:00 AM

Shoulder Adaptations of Youth Athletes to Overhead
Throwing

Matthew Astolfi, MS, ATC, University of Delaware

10:15 AM -10:30 AM

Influence of a Prevention Program on Arm Injury Risk: A
Randomized Control Trial in Adolescent Pitchers

Ellen Shanley, PhD, PT, OCS, Proaxis Therapy

10:30 AM -10:45 AM

Effectiveness of a Pre-Season Prevention Program on
Arm Injury Risk Factors: A Randomized Control Trial in
Adolescent Pitchers

Charles Thigpen, PhD, ATC, PT, Proaxis Therapy

10:00 AM -10:15 AM

Shoulder Flexibility and Humeral Retrotorsion Do Not
Prospectively Predict Throwing-Related Arm Injury in
High School Baseball Players

*Joseph Myers, PhD, ATC, University of North Carolina at
Chapel Hill*

EVIDENCE-BASED FORUM, 9:30 AM – 10:30 AM



MAINTAINING LONG-TERM JOINT HEALTH FOLLOWING ACUTE KNEE INJURY: A DISCUSSION OF RISK AND THERAPEUTIC INTERVENTION, (I, IV)

ICC, Room 243

*Brian Pietrosimone, PhD, ATC, University of North Carolina at
Chapel Hill*

Joseph Hart, PhD, ATC, University of Virginia

Moderator: Jeffrey Driban, PhD, ATC, CSCS, Tufts University

See how to earn BOC EBP Category CEUs from having
attended convention on page 9.

10:00 AM – 1:00 PM

NATA FOUNDATION SILENT AUCTION

ICC, Hall I, NATA Connect

Items are available for pickup by winning bidders.

10:00 AM – 5:00 PM

NATA BOARD OF DIRECTORS' MEETING

JW, White River E

FREE COMMUNICATIONS, THEMATIC POSTER PRESENTATIONS, 10:30 AM – 12:00 PM

INJURY PREVENTION

ICC, Room 204

Moderator: Christopher Kuenze, PhD, ATC, University of Miami

1. Reduction of Ground Reaction Forces After a Lower
Extremity Injury Prevention Program
Lindsay DiStefano, PhD, ATC, University of Connecticut
2. An Injury Prevention Program Warm-Up Acutely
Improves Landing Technique and Sport Performance in
Youth Athletes
Hayley Root, MS, ATC, University of Connecticut
3. Feedback Learned During A Jump-Landing Task is
Transferrable to a Cutting Task
Laura Young, University of Toledo
4. Jump-Landing Feedback Decreases Vertical Ground
Reaction Forces Without Negatively Affecting Vertical
Jump Performance
*Brittany Luc, MS, ATC, University of North Carolina at
Chapel Hill*
5. Risk Factors of Anterior Cruciate Ligament Injury: A
Meta-Analysis
Minda McCullough, ATC, LAT, University of Kentucky
6. Prophylactic Effectiveness of Preventive
Neuromuscular Training on Anterior Cruciate Ligament
Injury Reduction by Exercise: Sub-Group Analyses
*Daisuke Sugimoto, PhD, ATC, CSCS, The Micheli Center /
Boston Children's Hospital*
7. Self-Analysis Does Not Agree With Expert-Provided
Feedback During an Intervention to Improve Jump-
Landing Biomechanics
Chris Dykj, University of Toledo
8. Associations Between Changes in Quadriceps
Cortical Excitability and Sagittal Plane Jump-Landing
Biomechanics Following a Four-Week Feedback
Intervention
Caitlin Lefevre, ATC, University of Toledo



Daily Events Schedule

SATURDAY, JUNE 28

* Pre-Registration required

SPECIAL TOPICS, 10:45 AM - 11:45 AM



NSAIDS: DO YOU KNOW THE LATEST?, (IV)

ICC, Room 240

Lisa Jutte, PhD, ATC, Xavier University

Moderator: *Blaine Long, PhD, ATC, Central Michigan University*



CULTURAL COMPETENCE IN ATHLETIC TRAINING: UNPACKING THE GYM BAG, (V)



ICC, Room 238

Rene' Shingles, PhD, ATC, Central Michigan University

Moderator: *James Hand, EdD, ATC, Catawba College*



HIGH SCHOOL FOOTBALL COMBINES: AN UNTAPPED SPORTS MEDICINE OUTREACH OPPORTUNITY, (V)

ICC, Room 232

Terry Beeck, ATC, LAT, CES, Bellin Health

Moderator: *James Mackie, MEd, ATC, LAT, Athletic Training and Sports Medicine Services*



SO YOU WANT TO BE A PHYSICIAN EXTENDER, (I, II, III, IV, V)

ICC, Room 235

Karen Fennell, MS, ATC, LAT, The Orthopedic Center of St. Louis

Moderator: *Bernadette Buckley, PhD, ATC, University of North Florida*

11:30 AM - 11:45 AM

Visuomotor Processing Impairments Following Concussion in Athletes

Andrea Cripps, PhD, ATC, LAT, New Mexico State University

11:45 AM - 12:00 PM

Concussion Assessment Using the Brain Acoustic Monitor

Shellie Acocello, MA, ATC, University of Virginia

FEATURE PRESENTATIONS, 10:45 AM - 12:45 PM



THE 3 R'S OF MANAGING FATIGUE TO PREVENT OVER-TRAINING AND INJURY: RETAIN MOVEMENT EFFICIENCY, REST, RE-FUEL, AND SUPPLEMENTAL MODALITIES, (I, IV)

ICC, Sagamore Ballroom 6

Strategies to Minimize the Effects of Fatigue Through Movement Efficiency & Rest

Darin Padua, PhD, ATC, University of North Carolina at Chapel Hill

Recovery Nutrition: Optimizing an Athlete

Mary Ellen Bingham, MS, RD, CSSD, University of North Carolina at Chapel Hill

Supplemental Recovery Strategies: How Do Modalities, Massage, and Mechanical Therapies Fit In?

Barnett Frank, MA, ATC, University of North Carolina at Chapel Hill

Moderator: *Patrick McKeon, PhD, ATC, CSCS, Ithaca College*



NEUROCOGNITIVE ASPECTS OF INJURY PREVENTION & REHABILITATION, (I, II, IV)

ICC, Sagamore Ballroom 4

Overview of Neurocognitive and Musculoskeletal Relationships

Daniel Herman, MD, PhD, University of Florida

Pre-Participation Screening Procedures and Estimation of Injury Risk

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

Clinical Assessment and Training for Optimal Reactive Capabilities

John Faltus, DPT, SCS, ATC, Howard Head Sports Medicine

Moderator: *Dustin Grooms, MEd, ATC, CSCS, Ohio State University*

FREE COMMUNICATIONS, ORAL PRESENTATIONS, 10:45 AM - 12:00 PM

EMERGING CONCUSSION ASSESSMENT TECHNIQUES

ICC, Room 244

Moderator: *Richelle Mayfield, MS, ATC, University of Michigan*

10:45 AM - 11:00 AM

Changes in Lower Extremity Stiffness Following Concussion in Collegiate Football Players

Dominique DuBose, MS, ATC, University of Florida

11:00 AM - 11:15 AM

Comparing Computer-Derived and Human-Observed BESS Scores

Jaclyn Caccese, University of Delaware

11:15 AM - 11:30 AM

Systematic Review of Smartphone Accelerometer Validity and Reliability: Practical Applications for Measuring Concussion-Related Balance Deficits

Tricia Kasamatsu, MA, ATC, Chapman University



Daily Event Schedule

SATURDAY, JUNE 28

* Pre-Registration required

SESSIONS, 10:45 AM – 12:45 PM



ENHANCING YOUR PERFORMANCE! WHAT ARE YOU DOING IN THE OFF-SEASON?, (I, II, III, IV, V)

ICC, Wabash Ballroom 1

Presented by the NATA Secondary School Athletic Trainers' Committee

Education on Appearance and Performance Enhancing Drugs
Donald Hooton, Jr., Taylor Hooton Foundation

What Can We Learn From Sudden Death Legal Cases in Sport? Lessons for the ATC to Protect Their Athletes and Themselves

Douglas Casa, PhD, ATC, FNATA, University of Connecticut

Best Practices in Secondary School Athletic Training
Glen "Larry" Cooper, MS, LAT, ATC, Penn-Trafford High School
Bart Peterson, MSS, ATC, Palo Verde Magnet High School

Moderator: *Troy Hoehn, ATC, CSCS, Mankato East High School*

PROGRESSING CONCEPTS OF GAIT: IMPLICATIONS TO INJURY AND REHABILITATION, (I, II, III)

ICC, 500 Ballroom

Presented by the American Osteopathic Academy of Sports Medicine

Richard Schuster, DO, Marion University



FREE COMMUNICATIONS, ORAL PRESENTATIONS, 11:00 AM – 12:15 PM

INJURY EPIDEMIOLOGY

ICC, Room 243

Moderator: *Kenneth Cameron, PhD, MPH, ATC, John A. Feagin, Jr. Sports Medicine Fellowship, Keller Army Hospital*

11:00 AM - 11:15 AM

Incidence, Mechanisms, and Severity of Game-Related High School Football Injuries Across Artificial Turf Systems of Various Infill Weight

Michael Meyers, PhD, FACSM, Idaho State University

11:15 AM - 11:30 AM

Lateral Ankle Sprain Trends in Basic Combat Training Soldiers

JoEllen Sefton, PhD, ATC, Auburn University

11:30 AM - 11:45 AM

Epidemiology of Injuries and Treatments in Twenty-Five High School Sports: Preliminary Analyses from the National Athletic Treatment, Injury and Outcomes Network (NATION)

Thomas Dompier, PhD, ATC, Datalys Center for Sports Injury Research & Prevention

11:45 AM - 12:00 PM

An Analysis of the Days to Return-to-Play Following Hamstring Strains Among American Collegiate Soccer Players

Kevin Cross, PhD, PT, ATC, UVa-Healthsouth

12:00 PM - 12:15 PM

Epidemiology of Injuries in Age-Only and Age-Weight Playing Standards in Youth Football

Ross Hayden, MS, Datalys Center

LEARNING LABS, 10:45 AM – 12:45 PM*



GLUTE TRAINING: MUSCLE ACTIVATION PATTERNS, (II, IV)

ICC, Room 132

Darrell Barnes, ATC, LAT, CSCS, St. Vincent Sports Performance

Moderator: *Dana Hudy, ATC, Mount Union Area School District*



HOW DID I DO? A PRECEPTOR'S GUIDE TO PROVIDING EFFECTIVE FEEDBACK TO ATHLETIC TRAINING STUDENTS, (V)

ICC, Room 137

Sara Nottingham, EdD, ATC, CSCS, Chapman University

Moderator: *Katy Cohen, ATC, LAT, Kansas State University*



Daily Event Schedule

SATURDAY, JUNE 28

FREE COMMUNICATIONS, ORAL PRESENTATIONS,

11:00 AM – 12:15 PM

CHRONIC ANKLE INSTABILITY

ICC, Room 245

Moderator: Kathy Liu, PhD, ATC, University of Evansville

11:00 AM - 11:15 AM

Sensorimotor Control is Predictive of Self-Reported Ankle Dysfunction in Patients with Chronic Ankle Instability

Kyung-Min Kim, PhD, ATC, Texas State University

11:15 AM - 11:30 AM

Jump-Landing Time to Stabilization is Different Among Individuals with Chronic Ankle Instability, Copers and Controls

Cynthia Wright, PhD, ATC, Whitworth University

11:30 AM - 11:45 AM

Balance Error Scoring System Stances that Identify Division I Athletes with Chronic Ankle Instability

Shelley Linens, PhD, ATC, Georgia State University

11:45 AM - 12:00 PM

The Effects of Sub-Sensory Plantar Stimulation on Plantar Pressures During Single-Limb Stance in Participants with Chronic Ankle Instability

Kelda Adams, ATC, Old Dominion University

12:00 PM - 12:15 PM

Sagittal Plane Ankle and Knee Biomechanics and EMG Activity During a Forward Side Jump in Subjects with Chronic Ankle Instability

Hyunsoo Kim, MS, ATC, Brigham Young University

12:00 PM

SCHOOL SPIRIT EXCHANGE WINNER DRAWING

ICC, 500 Reception Room

FREE COMMUNICATIONS, ORAL PRESENTATIONS,

12:15 PM – 1:30 PM

CONCUSSION RISK AND ASSESSMENT

ICC, Room 244

Moderator: Ashley Littleton, MA, ATC, University of North Carolina at Chapel Hill

12:15 PM - 12:30 PM

Influence of Age on Baseline Standardized Assessment of Concussion Concentration Scores

Shari Benson, MS, ATC, St. Anne's-Belfield School

12:30 PM - 12:45 PM

Computerized Neurocognitive Performance Does Not Reflect Gross Visual-Motor Function During Concussion Baseline Assessments

Brenn Bolding, High Point University

12:45 PM - 1:00 PM

Does ADHD Affect Neurocognitive Performance and Symptoms in Concussed Athletes?

Tracey Covassin, PhD, ATC, Michigan State University

1:00 PM - 1:15 PM

The Effect of Concussion History and Scholastic Age on Visual Performance

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

1:15 PM - 1:30 PM

Association of Neck and Head Circumference with Concussions Among Youth American Football Players

Jeane Ryder, MS, ATC, George Mason University

FREE COMMUNICATIONS, ORAL PRESENTATIONS,

12:30 PM – 1:45 PM

YOUTH WELLNESS

ICC, Room 243

Moderator: Heather Harvey, MA, ATC, Summit High School

12:30 PM - 12:45 PM

Influence of Lower Leg Injuries on Landing Kinematics of Female Adolescent Athletes

Jessica Martinez, MS, ATC, University of Connecticut

12:45 PM - 1:00 PM

Pediatric Ankle Range of Motion: What is Considered Normal?

Laura Boucher, ATC, Ohio State University

1:00 PM - 1:15 PM

The Influence of Age and Sex on Jump-Landing Patterns: A Clinical Evaluation

Chantal King, MS, ATC, A.T. Still University

1:15 PM - 1:30 PM

Associations Between Physical Characteristics and Landing Biomechanics in Adolescent Females

Amanda Tritsch, PhD, ATC, CSCS, University of South Florida

1:30 PM - 1:45 PM

Single-Item Patient-Rated Outcome Measures Improve During Recovery in Adolescent Athletes Following Musculoskeletal Injury: A Report from the Athletic Training Practice-Based Research Network

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



Daily Event Schedule

SATURDAY, JUNE 28

FREE COMMUNICATIONS, THEMATIC POSTER PRESENTATIONS, 12:30 PM – 2:00 PM

LOWER EXTREMITY CLINICAL INTERVENTIONS

ICC, Room 204

Moderator: Hayley Root, MS, ATC, University of Connecticut

1. Comparison of Three Rehabilitation Programs for Chronic Ankle Instability on Center of Pressure Distribution and Self-Reported Function
Kirsten Miner, MEd, ATC, University of Virginia
2. Chronic Stretching During Two Weeks of Immobilization Decreases Loss of Girth, Strength, and Dorsiflexion ROM
Samantha Wilson, MS, ATC, LAT, Nebraska Wesleyan University
3. Effects of a Simple Home-Based Balance Program on Patients with Chronic Ankle Instability
Natalie Reigh, MEd, ATC, University of Virginia
4. A Four-Week Real-Time Feedback Intervention Demonstrates Changes in Sagittal Plane Knee and Hip Biomechanics
Hayley Ericksen, MS, ATC, University of Toledo
5. Effect of Patterned Electrical Neuromuscular Stimulation on Quadriceps Function in Individuals with Arthrogenic Muscle Inhibition
William Langston, MEd, ATC, University of Virginia
6. Effect of Patterned Electrical Neuromuscular Stimulation on Quadriceps Motorneuron Pool Excitability
Neal Glaviano, MEd, ATC, University of Virginia
7. The Immediate Effects of Transcutaneous Electrical Nerve Stimulation (TENS) on Quadriceps Activation in Subjects with Experimental Knee Pain (EKP)
Seong Jun Son, ATC, Brigham Young University

SPECIAL TOPICS, 1:15 PM – 2:15 PM



STRATEGIES TO PROMOTE ATHLETIC TRAINING STUDENT RETENTION, (V)



ICC, Room 238



Stephanie Mazerolle, PhD, ATC, University of Connecticut
Moderator: Rene' Shingles, PhD, ATC, Central Michigan University



COLD SPRAYS AND VAPOCOOLANTS IN ATHLETIC TRAINING – WHAT WAS OLD IS NEW AGAIN, (III, IV)

ICC, Room 240

Mark Merrick, PhD, ATC, FNATA, Ohio State University
Moderator: Lisa Jutte, PhD, ATC, Xavier University



EVIDENCE-BASED HIP STRENGTHENING EXERCISES, (IV)

ICC, Room 235

Jennifer Earl-Boehm, PhD, LAT, ATC, University of Wisconsin, Milwaukee

Moderator: Shelly DiCesaro, PhD, LAT, ATC, California University of Pennsylvania

PEER-TO-PEER DISCUSSION, 1:15 PM – 2:15 PM



HOW TO COMMUNICATE APPROPRIATELY, RESPOND WHEN CHALLENGED, AND HANDLE CONFLICT IN ATHLETIC TRAINING

ICC, Room 141

Stephen Bartlinski, ATC, PTA, CKTP, Stanford University

Nina Walker, MA, ATC, CSCS, University of North Carolina at Chapel Hill

SESSION, 1:15 PM – 2:45 PM



TRANSITION TO PRACTICE MODELS FOR NEWLY CERTIFIED ATHLETIC TRAINERS: SUPPORTING NOVICE CLINICIANS IN COMMON EMPLOYMENT SETTINGS, (V)

ICC, 500 Ballroom

Presented by the NATA Professional Education Committee

Why is Mentoring Important for Novice Clinicians?

Christianne Eason Barone, MS, ATC, University of Connecticut

Mentoring Traditional Graduate Assistants

Chris Gillespie, MEd, ATC, University of Georgia

Mentoring Novice Clinicians in the High School Setting

Sharon Rogers, PhD, ATC, LAT, East Carolina University

Mentoring New Clinicians in the Outpatient Clinic Setting

Andrea Weber, MS, ATC, ATI Physical Therapy

Moderator: Jolene Henning, EdD, ATC, LAT, High Point University

SESSION, 1:15 PM – 3:15 PM



WATCH YOUR WORDS: IT'S WORTH A LOT, (V)

ICC, Wabash Ballroom 1



Presented by the NATA Committee on Practice Advancement

Consistency Among Athletic Trainers - Setting Ourselves Up for Success

Dustin Girard, ATC/R, NSCA-CSCS, Profound Strength

Educating Members on Terminology Use, Why It's Important

Brent Millikin, MEd, ATC, Allina Health: Sports and Orthopaedic Specialists



Daily Event Schedule

SATURDAY, JUNE 28

* Pre-Registration required

continued from page 47

Terminology Use in Settling Industry Standards

Talena Williams, ATC, PA-C, Carilion Clinic

Moderator: *Linda Mazzoli, MS, LAT, ATC, Rothman Institute Concussion Center*

FEATURE PRESENTATION, 1:15 PM – 3:15 PM

ESS CERTIFIED ATHLETIC TRAINERS: CRITICAL STAKEHOLDERS IN THE MANAGEMENT OF OSTEOARTHRITIS, (I, II, IV)

ICC, Sagamore Ballroom 4

Osteoarthritis, Sports, and Physical Activity: Recognizing the Role of the AT

Jennifer Hootman, PhD, ATC, FNATA, Centers for Disease Control & Prevention

Structural and Biochemical Changes From Injury to Joint Replacement: Potential Roles of the AT

Jeffrey Driban, PhD, ATC, CSCS, Tufts University

Neuromuscular Factors, Disability, and Innovative Methods of Rehabilitation: Potential Roles of the AT

Brian Pietrosimone, PhD, ATC, University of North Carolina at Chapel Hill

Moderator: *Samuel Johnson, PhD, ATC, Oregon State University*

1:45 PM - 2:00 PM

Post-Professional Education: A Descriptive Analysis of Clinical Education Experience Characteristics

Barton Anderson, MS, ATC, A.T. Still University

2:00 PM - 2:15 PM

Perceptions of Post-Professional Students Regarding Preceptors Abilities Related to the Six Core Competencies

Brittany Braun, ATC, Old Dominion University

2:15 PM - 2:30 PM

The Influence of Electronic Medical Record Use on Post-Professional Students' Perceptions of Preceptors' Abilities Related to the Six Core Competencies

Phillip Szlosek, ATC, Old Dominion University

SPECIAL TOPICS, 3:30 PM – 4:30 PM

ESS FUEL UP! USING CURRENT TRENDS IN SPORTS NUTRITION TO ENHANCE PERFORMANCE, (I, IV)

ICC, Room 232

Dawn Weatherwax, RD, CSSD, ATC, Sports Nutrition 2Go

Moderator: *Ned Shannon, MS, ATC, LAT, University of Indianapolis*

ESS WORKPLACE BULLYING IN ATHLETIC TRAINING PRACTICE SETTINGS: WHAT'S REALLY GOING ON AND HOW CAN YOU DEAL WITH IT?, (V)

ICC, Room 238

Celest Weuve, PhD, ATC, CSCS, Lincoln Memorial University

Moderator: *Emily Webster, MA, ATC, Central Michigan University*

ESS REHABILITATION AND RESTORATION OF NORMAL GAIT PATTERNS IN LOWER EXTREMITY AMPUTEES: A SYLLABUS FOR ATHLETIC TRAINERS, (IV)

ICC, Room 240

John Purdy, MS, ATC, CSCS, Vanderbilt University

Moderator: *Carrie Docherty, PhD, ATC, FNATA, Indiana University*

PEER-TO-PEER DISCUSSION, 3:30 PM – 4:30 PM

ARTICULATING THE VALUE OF THE ATHLETIC TRAINER: USING THE COLLEGE-UNIVERSITY VALUE MODEL, (V)

ICC, Room 141

Gary Hanna, ATC, Edinboro University

Allen Shelley, MA, ATC, LAT, Mars Hill University

Jim Twaddell, Drinker, Biddle & Reath, LLP

LEARNING LAB, 3:30 PM – 5:30 PM*

BIOMECHANICAL ANALYSIS OF WALKING GAIT PATTERNS

ICC, Room 132

Scott Unruh, EdD, ATC, University of Nebraska, Kearney

Moderator: *Erica Asher, ATC, Sports Medicine & Training Center*

LEARNING LABS, 1:15 PM – 3:15 PM*

ESS TRIAGE AND LIFE-SAVING SKILLS FOR THE ATHLETIC TRAINER IN EMERGENCY ENVIRONMENTS, (I,II)

ICC, Room 137

Albert Goffinett, MBA, ATC, EMT-T, Dayton Sports Medicine Institute

Moderator: *Jesse Townsend, MS, ATC, UPMC Sports Medicine*

ADV TRAINING FROM THE INSIDE OUT: ESTABLISHING PROXIMAL STABILITY FOR DISTAL MOBILITY, (IV)

ICC, Room 132

Presented by the National Collegiate Athletic Association

Thomas Palmer, PhD, ATC, CSCS, University of Cincinnati

Moderator: *Kimberly Detwiler, MS, ATC, LAT, University of Texas at Arlington*

FREE COMMUNICATIONS ORAL PRESENTATIONS, 1:45 PM – 2:30 PM



POST-PROFESSIONAL CLINICAL EDUCATION

ICC, Room 244

Moderator: *Trevor Bates, MS, ATC, LAT, Heidelberg University*



Daily Event Schedule

SATURDAY, JUNE 28 / SUNDAY JUNE 29

* Pre-Registration required

SESSIONS, 3:30 PM - 5:30 PM



FINANCIAL ADVISING FOR THE YOUNG PROFESSIONAL, (V)

ICC, 500 Ballroom

Presented by the NATA Young Professionals' Committee

Piecing Together Your Financial Future

Michael Fidler, Comprehensive Financial Consultants

Wayne Thacker, Comprehensive Financial Consultants

Living and Managing Your Life With Debt

Douglas Hughes, Comprehensive Financial Consultants

Learning the Hard Way and How to Make a Comeback

Heather Harvey, MA, ATC, Summit High School

Moderator: *Jessica Rager, MS, ATC, PES, Heidelberg University*



BEST PRACTICES IN CLINICAL EDUCATION, (V)

ICC, Wabash Ballroom 1



Presented by the NATA Executive Committee for Education

Sara Nottingham, EdD, ATC, CSCS, Chapman University

Panel of Speakers

3:45 PM - 5:00 PM

CONVENTION PROGRAM COMMITTEE MEETING

ICC, Conference East

SUNDAY, JUNE 29

8:00 AM - 11:00 AM

NATA BOARD OF DIRECTORS' MEETING

JW, White River E

ADVANCED TRACK SEMINAR, 8:00 AM - 12:00 PM*

MANUAL THERAPY FOR THE HIP, PELVIS & LUMBAR SPINE

ICC, Wabash Ballroom 1

Michael Higgins, PhD, ATC, PT, Towson University

James Scifers, DScPT, LAT, ATC, Western Carolina University

Jill Manners, MS, MPT, LAT, Western Carolina University



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POSTER PRESENTATIONS

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INDIANAPOLIS, INDIANA

Exhibit Hall I

POSTERS DISPLAYED:

Thursday, June 26, 10:00 AM - 5:00 PM

Friday, June 27, 10:00 AM - 5:00 PM

Saturday, June 28, 10:00 AM - 1:00 PM

AUTHORS PRESENT: THURSDAY, JUNE 26

Student Exchange Posters #177-229
10:00 AM - 10:30 AM

Peer Review Authors Last Name A thru M
10:30 AM - 11:15 AM

Peer Review Authors Last Name N thru Z
11:15 AM - 12:00 PM

UNDERGRADUATE POSTER AWARD FINALISTS

#1 -The Effects of a Long Spine Board vs. Vacuum Mattress on Patient Comfort and Cervical Spine Stability: A Systematic Review
Arthur Adkins, Saginaw Valley State University

#2 -Landing Kinematics Differ Between Adolescents with High and Low Values of Asymmetrical Unilateral Hip Rotation
Andrea Baellow, High Point University

#3 -Effectiveness of Four-Decontamination Techniques on Bacterial Growth on CPR Manikins After Use in a CPR Course
Rachel Katch, Saginaw Valley State University

#4 -Pre-Activity Sports Massage Does Not Affect Vertical Jump or Sprint Performance
Aaron Libolt, Whitworth University

#5 -Maturation Stage and Sex Differences in Lower Extremity Flexibility
Matthew Nowak, University of Connecticut

MASTER'S POSTER AWARD FINALISTS

#6 -Self Myofascial Release Has No Effect on Iliotibial Band Flexibility
Jordan Frank, MS, ATC, Indiana University

#7 -Test-Retest Reliability and Learning Effects of the Stability Evaluation Test
Travis Williams, MS, ATC, A.T. Still University

#8 -Cooling Rates in Exercise-Induced Hyperthermic Football Players and Runners Using Cold-Water Immersion
Gregory Scullin, MS, LAT, ATC, West Chester University

#9 -Content Analysis of Eating Disorder Policies and Procedures of Collegiate Institutions
Spenser Bowers, ATC, University of Colorado at Colorado Springs

#10 -Electromyographic Biofeedback Immediately Increases Quadriceps Corticospinal Excitability
David Florea, MS, ATC, University of Toledo

#11 -Contributing Factors to Star Excursion Balance Test Performance in Individuals with Chronic Ankle Instability
Michael Gabriner, ATC, Old Dominion University

#12 -The Immediate Effect of Fatigue on Balance as Measured by the Balance Error Scoring System: A Systematic Review
Christopher Leeds, ATC, Georgia State University

DOCTORAL POSTER AWARD FINALISTS

#13 -Jogging Biomechanics After Exercise in Individuals with ACL Reconstructed Knees
Christopher Kuenze, PhD, ATC, University of Miami

#14 -Identifying the Specific Neural Motor Pathways Associated with Altered Postural Control Variability in Individuals with Chronic Ankle Instability
Masafumi Terada, MS, ATC, University of Toledo

#15 -Ankle Injury Alters the Links between Joint Laxity, Peripheral Sensation, and Cortical Activation
Alan Needle, PhD, ATC, CSCS, Appalachian State University

#16 -Positive and Negative Influences Impacting the Professional Commitment of Collegiate Athletic Trainers
Christianne Eason Barone, MS, ATC, University of Connecticut

#17 -Knee Stiffness Regulation Changes When Startled at Different Times
Yong Woo An, MS, ATC, University of Delaware



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POSTER PRESENTATIONS

CONCUSSION

#18 -Baseline Symptom Factors Differ Between Male and Female Interscholastic Athletes

Kristina Dunn, ATC, A.T. Still University

#19 -Baseline Concussion Symptomology in a Collegiate Rodeo Population

Mikaela Boham, EdD, ATC, LAT, New Mexico State University

#20 -Post-Injury Confirmatory Factor Analysis of the Graded Symptom Scale and Change in Factor Scores over 21 days in Concussed Adolescent Athletes

R. Curtis Bay, PhD, A.T. Still University

#21 -Identifying and Differentiating Ehrlichiosis From Post-Concussive Symptoms in a High School Football Athlete

Derek Rafeldt, ATC, University of Kentucky

#22 -Return-to-Play (RTP) Probabilities Following Concussion in Football Are Not Strongly Affected by National Collegiate Athletic Association (NCAA) Division

Jennifer Medina McKeon, PhD, ATC, CSCS, Ithaca College

#23 -Resultant Linear Acceleration and Rotational Head Velocity in Junior and Senior Taekwondo Athletes: A Pilot Study

Gabriel Fife, MS, ATC, Yonsei University

#24 -The Hook Punch, Resultant Linear Acceleration and Rotational Head Velocity in Junior and Senior Boxers: A Pilot Study

David O'Sullivan, PhD, Chung-Ang University

#25 -The Validity of Single-Item Patient-Rated Outcome Measures in Concussed Adolescent Football Athletes

Regina Baker, ATC, A.T. Still University

#26 -Characteristics of Patients Presenting to a Concussion Clinic Program Following Emergency Department Referral

Valerie De Maio, MD, MSc, FACEP, WakeMed Health & Hospitals

#27 -Normative Values for the SCAT3 in High School Athletes

Kelley MacDonald, MAT, LAT, University of Wisconsin Health Sports Medicine

#28 -Comparison of Sideline Concussion Assessment Tool 2 Scores to Computerized and Paper and Pencil Neurocognitive Assessments Following Sport Concussion

Samuel Walton, MEd, ATC, University of Virginia

#29 -Does Item Order/Placement Play a Role in Immediate Memory Assessment?

Danielle McElhiney, MS, ATC, Ohio University

#30 -Concurrent Validity of the Balance Error Scoring System Performed with Skates

Elizabeth Teel, MS, University of North Carolina at Chapel Hill

HEAT ILLNESS

#31 -The Effects of Intravenous Cold Saline on Hyperthermic Football Players

Christopher McGuigan, MS, ATC, West Chester University

#32 -The Influence of Intermittent Hand Cooling on Core Body Temperature During Exercise in the Heat Wearing an American Football Uniform

Robert Huggins, MEd, ATC, University of Connecticut

#33 -Regional Heat Safety Thresholds for Athletes Across the Contiguous United States

Earl Cooper, EdD, ATC, CSCS, University of Georgia

INTERVENTIONS AND THERAPIES

#34 -The Practical Effects of Glenohumeral Repositioning Tape in Division I Baseball Players

Anne Beethe, MA, ATC, Belmont Abbey College

#35 -The Effectiveness of Kinesio® Tape in Decreasing Pain and Edema Associated with Delayed Onset Muscle Soreness

Heather Juarez, MS, ATC, LAT, Texas State University

#36 -Does Kinesio Tape Effect the Force Production of the Rectus Femoris and Tibialis Anterior in Healthy, Non-Injured Individuals

Kristie Centner, SPT, Florida Gulf Coast University

#37 -The Effects of Two Arch Taping Techniques on Navicular Height and Plantar Pressures Throughout Exercise

Tim Newell, MS, LAT, ATC, Indiana University

#38 -Prophylactic Ankle Tape Changes the Frequency Distribution of Center of Pressure During Static Balance in Subjects with Chronic Ankle Instability

Lisa Chinn, PhD, ATC, Kent State University

#39 -Jump-Ground Reaction Forces and Loading Rates Associated with Brace Support in Ankle Complex Stability

John Kovaleski, PhD, ATC, University of South Alabama

#40 -Bracing Effects on Dynamic Stability in Individuals Who Have Never Utilized Prophylactic Ankle Bracing

Adam Boester, University of Evansville

#41 -Lower Extremity Kinematics With and Without Patellar Tendon Straps

Adam Rosen, MS, ATC, University of Georgia

#42 -A Single Bout of Massage Following Eccentric Exercise Produces an Anti-Inflammatory Cross-Over Effect in Skeletal Muscle

Chris Waters-Banker, PhD, ATC, University of Kentucky

#43 -Comparison of an Indirect Measure of Blood Flow Changes with Soft Tissue Mobilization and Massage Therapy

Andrea Portillo Soto, LAT, ATC, Indiana State University



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#44 -Inter-Clinician and Intra-Clinician Reliability of Force Application During Joint Mobilizations: A Systematic Review
Kara Gorgos, MEd, ATC, University at Buffalo

#45 -Comparing the Effectiveness of a Foam-Rolling Technique to Stretching for Iliotibial Band Extensibility
Kelly Harycki, University of Wisconsin, Milwaukee

#46 -The Effects of Static Stretching Versus Dynamic Stretching on Lower Extremity Joint Range of Motion and Dynamic Balance
Venqing Wang, University of Wisconsin, Milwaukee

#47 -The Effect of Ankle Positioning During Hamstring Stretches for Improving Straight Leg Hip Flexion Motion
Peter Benjamin, MS, ATC, Illinois State University

#48 -Dynamic Stretch Versus Complex for EMG Activity and Vertical-Jump Performance
Craig Chelette, MS, ATC, University of Utah

#49 -Effects of Light Brushing on Clinical Pain Intensity and Experimental Pain Sensitivity in Fibromyalgia Patients
Melissa Wassink, LAT, ATC, Indiana State University

#50 -Block-Periodized Training Improves Physiological and Tactically-Relevant Performance in Naval Special Warfare Operators
Dallas Wood, MEd, ATC, CSCS, Naval Special Warfare

#51 -The Effects of Chocolate Milk on Time-to-Exhaustion in Endurance Athletes: A Systematic Review
Brian Wilson, Saginaw Valley State University

#52 -Effect of Post-Race Nutritional Intervention on Delayed-Onset Muscle Soreness and Return-to-Activity in Ironman Triathletes
Jun Hashiwaki, University of Connecticut

#53 -Effects of Motor Imagery on Altering Corticospinal Excitability: A Systematic Review
Matthew Harkey, MS ATC, University of North Carolina at Chapel Hill

DYNAMIC BALANCE AND POSTURAL CONTROL

#54 -The Effect of Trial Duration on Instrumented Measures of Single-Limb Stance Postural Control
Cameron Powden, MEd, ATC, Old Dominion University

#55 -The Relationship Between Static and Dynamic Balance Measures
Jordyn Eisenhard, MS, ATC, Oregon State University

#56 -Ankle Dorsiflexion Implications for Measuring Postural Control
Alexis Meister, ATC, Ohio State University

#57 -Cost-Savings Associated With An Athletic Trainer-Administered Balance Training Program
Scott Ross, PhD, ATC, FNATA, University of North Carolina at Greensboro

#58 -The Effect of Different Rest Intervals on Ankle Muscle Fatigue and Performance During the Star Excursion Balance Test
Yongung Kwon, MS, ATC, Virginia Commonwealth University

#59 -No Difference Between ACL Reconstruction Graft Types on Dynamic Balance and Knee Function
Lisa Dolan, University of Connecticut

#60 -Time From Surgery Influences Dynamic Balance Ability After ACL Reconstruction
Lauren Sheldon, University of Connecticut

#61 -Ankle Dorsiflexion and Hip Flexion Range of Motion and Hurdle Step Scores
Jacob Janicki, MS, ATC, University of Utah

PATELLOFEMORAL PAIN

#62 -Hip Rotation Range-of-Motion is Associated with Hip Internal Rotation Kinematics During a Single-Leg Squat Task in Females with Patellofemoral Pain
Shiho Goto, MS, ATC, University of North Carolina at Chapel Hill

#63 -Patellofemoral Pain is Associated with Altered Lower Extremity Kinematics and Neuromuscular Functions During Stair Descent
Naoko Aminaka, PhD, ATC, University of Wisconsin, La Crosse

#64 -The Influence of Flexibility on the Development of Knee Overuse Injuries: A Meta-Analysis
Allyson Johnston, MEd, ATC, Auburn University

#65 -Influence of Muscle Strength on Knee Overuse Injuries: A Meta-Analysis
Roger Kollock, Jr., PhD, ATC, CSCS, Northern Kentucky University

#66 -Effectiveness of Hip Abductor Strengthening on Patellofemoral Pain Syndrome Patients: A Meta-Analysis
Hyun Jae Jeon, Yonsei University

#67 -Trunk and Lower Extremity Biomechanics in Individuals with Patellofemoral Pain During a Single Leg Drop Landing Pre and Post an Isolated Hip Fatigue Protocol
Stacey Gaven, PhD, ATC, Franklin College

LOWER EXTREMITY BIOMECHANICS

#68 -Effects of Exercise on Vertical Ground Reaction Force Asymmetry in Active Individuals
Anthony Pennuto, MS, ATC, University of Wisconsin, Madison



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POSTER PRESENTATIONS

#69 -Vector Coding Assessment of Ankle Joint-Coupling During Gait: A Comparison of Calculations with 3 Strides versus 10 Strides

C. Collin Herb, MEd, ATC, University of Virginia

#70 -Correlation of Tibial Accelerations with Knee Kinematics and Kinetics During Single-Leg Landings

Nicholas Heebner, MS, ATC, University of Pittsburgh

#71 -Increasing Forward Trunk Flexion Reduces Sagittal Plane Knee Loading but Not Angle During a Side-Step Cutting Task

Barnett Frank, MA, ATC, University of North Carolina at Chapel Hill

#72 -Sagittal Plane Knee Movement During Gait Is Predictive of Knee Cartilage Thickness

Randy Schmitz, PhD, ATC, University of North Carolina at Greensboro

#73 -Reliability of 2-Dimensional Video Analysis for Assessing ACL Risk Factors Across a Basketball Season

Katy Poole, MS, ATC, University of Kentucky

#74 -Sagittal Plane Landing Kinematics are Predicted with Lower Extremity Muscular Power Tests

Paul Cacolice, MS, ATC, CSCS, Duquesne University

#75 -Trunk, Hip, and Knee Contributions to Peak Ball Velocity During A Soccer Penalty Kick

Alexander Schumacher, Ohio State University

#76 -Drop Vertical Jump Knee Valgus Kinematics Predict Basketball Rebound Knee Valgus Kinematics

Jay Young, Ohio State University

#77 -Gait Mechanics and Proprioceptive Adaptations From Minimalistic "Five Finger" Shoe Use

Holly Remmenga, MA, ATC, St. John's University

LOWER EXTREMITY NEUROMUSCULAR FUNCTION

#78 -The Influence of Estrogen Levels on Presynaptic Inhibition

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

#79 -Generalized Joint Hypermobility Alters Muscle Activation Patterns in Division 1 Female Athletes

Christopher Geiser, MS, LAT, ATC, Marquette University

#80 -Effect of Localized Muscle Fatigue on Knee Joint Position Sense in Soccer and Basketball Players

William Gear, PhD, ATC, Marywood University

#81 -Lower Extremity Muscle Volumes in ACL Deficient Patients

Zahida Mitha, MEd, ATC, University of Virginia

#82 -The Relationship Between Rate of Torque Development of the Triple Extensors at Different Time-Critical Intervals

Taichi Kitagawa, ATC, Oregon State University

#83 -Comparison of Hamstring Strength and Functional Performance Measures Between Previously Injured and Matched-Control Physically Active Individuals Following a Fatigue Protocol

Zahra Ismaeli, MS, ATC, Old Dominion University

#84 -Comparison of Gluteal and Hamstrings Activation During Five Commonly Used Plyometric Exercises

Aaron Struminger, MA, ATC, University of North Carolina at Chapel Hill

CHRONIC ANKLE INSTABILITY

#85 -Effects of Two Ankle Destabilization Devices on Electromyography Measures During Functional Exercise in Young Adults with Chronic Ankle Instability

Luke Donovan, MEd, ATC, University of Virginia

#85 -Lower Extremity Muscle Activation During Functional Exercises in Patients With and Without Chronic Ankle Instability

Mark Feger, MEd, ATC, University of Virginia

#87 -Surface Electromyography Variability Measures During Walking: Effects of Chronic Ankle Instability and Prophylactic Bracing

Kate Kautzky, MEd, ATC, University of Virginia

#88 -Effects of Prolonged Exercise on Shank-Rearfoot Coupling in Young Adults With and Without Chronic Ankle Instability

Alyson Kelsey, MEd, ATC, University of Virginia

#89 -Effects of Ankle Instability on Ground Reaction Force During a Stop-Jump Task

Adam Knight, PhD, ATC, CSCS, Mississippi State University

#90 -Accuracy, Sensitivity, and Specificity of Functional Performance Tests in Detecting Deficits Associated with Chronic Ankle Instability

Kelsey Baker, Shenandoah University

#91 -Changes in Spinal Reflexive Excitability of Leg Musculature Following Acute Ankle Sprain Over a 7-Day Period

Michelle McLeod, MA, ATC, PES, University of Toledo

#92 -Approximate Entropy in Physically Active Individuals with Unilateral and Bilateral Chronic Ankle Instability

Cathleen Brown, PhD, ATC, University of Georgia

#93 -Comparison of Excitability Measures and Ankle Laxity Between Ankle Sprain Copers and Participants with Chronic Ankle Instability

Samantha Bowker, ATC, University of Toledo

#94 -Lower Extremity Joint Coupling Variability During Jogging in Young Adults With and Without Chronic Ankle Instability

T.J. Lilley, MEd, ATC, University of Virginia



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#95 -Effects of CAI and Altered Visual Focus on Sensorimotor Control During a Drop-Landing

Lindsay Ball, MS, ATC, University of Toledo

#96 -Relationship Between Mechanical Stability and Sensory Function in Individuals with Chronic Ankle Instability

Jessica Kirby, ATC, Old Dominion University

#97 -The Prevalence of Chronic Ankle Instability in Army Reserve Officer Training Corps Cadets

Carrie Docherty, PhD, ATC, FNATA, Indiana University

#98 -Effect of Acute Lateral Ankle Sprain on Dynamic Postural Control Over A One-Week Period

Michael Mayes, ATC, University of Toledo

QUALITY OF LIFE/OUTCOMES: KNEE AND ANKLE

#99 -Current Patient-Reported Outcome Instruments Lack Specificity for Collegiate and Junior League Athletes: An Example Using the Original FADI

Kelli Snyder, EdD, ATC, University of Northern Iowa

#100 -The Relationship between Personality and Functional Ability Following Anterior Cruciate Ligament Injury

Stephanie Dimos, MS, ATC, University of Delaware

#101 -Factors that Influence Patient Expectations for Recovery Following Cartilage Repair of the Knee

Jenny Toonstra, MA, ATC, University of Kentucky

#102 -Relationship Between Generic and Region-Specific Patient-Reported Outcomes in Collegiate Athletes with History of Lower Extremity Injury

Johanna Hoch, PhD, ATC, Old Dominion University

#103 -Patient-Reported Outcomes Over the Course of a Spring Soccer Season

Brittany Ferguson, ATC, Old Dominion University

#104 -Predictors of Health-Related Quality of Life In Those With Chronic Ankle Instability

Megan Houston, MEd, ATC, Old Dominion University

#105 -Patient-Reported Outcome Instruments Can Differentiate Between Individuals With and Without Chronic Ankle Instability

Matthew Hoch, PhD, ATC, Old Dominion University

#106 -Do College Athletes Differ From College Non-Athletes in Their Sleep Quality?

Martha Dettl, MS, ATC, Ohio University

#107 -Comparison of Standard Goniometry Versus an iPhone Goniometry Accelerometer Application to Measure Elbow Flexion and Extension Motion

Alyssa Pollard-McGrandy, Saginaw Valley State University

#108 -A Comparison of Standard Goniometry Versus the Dr.Goniometer iPad/iPhone App for Measuring Elbow Flexion and Extension Motion

Alex Albrecht, Saginaw Valley State University

#109 -Test-Retest Reliability and Precision of Hip, Knee and Ankle Extensor Rate of Torque Development.

Eunwook Chang, MEd, ATC, Oregon State University

#110 -Inter-Rater Reliability of the Functional Movement Screen

Mark Moffatt, MS, ATC-L, University of Utah

PATIENT-REPORTED OUTCOMES

#111 -Normative Data for the Pediatric Quality of Life Instrument in Adolescent Athletes

Arika Cozzi, ATC, A.T. Still University

#112 -Females Demonstrate Decreased Hip Strength, Balance, and Functional Outcome Scores at Time of Return-to-Sport Following Anterior Cruciate Ligament Reconstruction

Meredith Decker, MS, ATC, Texas Health Ben Hogan Sports Medicine

#113 -The Relationships Between Upper Extremity Pain, Injury History, and Health-Related Quality of Life of Collegiate Baseball Players During Late-Season

Mark Heichelbech, MS, ATC, A.T. Still University

#114 -Establishing Pre-Season Self-Reported Functional Outcomes Scores for the Knee, Shoulder, and Elbow in Athletes

Aaron Sciascia, MS, ATC, PES, Shoulder Center of Kentucky

#115 -Squatting Mechanics Between ACL Reconstructed Patients Who Pass and Fail Return-to-Sport Criteria

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

#116 -Normative Values for Health-Related Quality of Life in Healthy and Injured Baseball and Softball Players Using a Region Specific Patient Self-Report Scale: The Functional Arm Scale for Throwers® (FAST®)

Kelsey Picha, ATC, A.T. Still University

#117 -Normative Data for the Multi-Dimensional Fatigue Scale (MFS) in Adolescent Athletes

Gary Premo, ATC, LAT, CKTP, ThedaCare-Reiverside Medical Center

#118 -Development of a Patient-AT Trust Instrument

Shannon David, PhD, ATC, PES, North Dakota State University

#119 -Test-Retest Reliability and Minimal Detectable Change of the Disablement in the Physically Active Scale in Collegiate Soccer Athletes

Bethany Druvenga, ATC, Old Dominion University

#120 -Athletes' Perceptions of the Motivational Climate in the Athletic Training Room: Goal-Oriented Differences

Rachel Majewski, ATC, Upper Iowa University

#121 -Changes in Self-Reported Outcome Measures Following Platelet Rich Plasma Injection for the Treatment of Medial Epicondylitis

Nicole Wasyluk, MEd, LAT, OTC, UWHC, Athletic Training Residency



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POSTER PRESENTATIONS

VALIDITY OF CLINICAL TESTS

#122 -Test-Retest Reliability and Concurrent Validity of a Region-Specific Patient Self-Report Scale in Baseball and Softball Players: The Functional Arm Scale for Throwers© (FAST©)

Eric Sauers, PhD, ATC, FNATA, A.T. Still University

#123 -Intra- and Intertester Reliability of the Dr.Goniometer iPhone/iPad App at the Knee Joint

Joshua Wenzlaff, Saginaw Valley State University

#124 -Intra-Rater and Inter-Rater Reliability of the Posterior Talar Glide Test

Deanna Smith, ATC, Old Dominion University

#125 -The Development and Assessment of Core Strength Clinical Measures: The Reliability and Validity of Medicine Ball Toss Tests

Mallory Sell, MS, ATC, University of Pittsburgh

#126 -Validity and Reliability of Clinical Tests for Humeral Torsion

Rebecca Feuerherd, MEd, ATC, University of Virginia

#127 -Intra-Rater and Inter-Rater Agreement of the Intrinsic Foot Muscle Test

Stephanie Facchini, ATC, Old Dominion University

#128 -A Comparison of 2-Dimensional Measurements of Knee Abduction in a Clinical Setting

Eric Schussler, ATC, PT, Ohio State University

#129 -Three-Minute All-Out Test as a Diagnostic Challenge For Exercise-Induced Dyspnea: A Pilot Study

Katherine Newsham, PhD, ATC, Saint Louis University

#130 -Time to Return-to-Play Following ACL Reconstruction in Southeastern Conference Women's Soccer Players

Jennifer Howard, PhD, ATC, University of Kentucky

MUSCULOSKELETAL CASE STUDIES

#131 -Acetabular Fracture in Middle School Football Player

John Ridgeway, MAT, ATC, University of Kentucky Orthopaedic Surgery and Sports Medicine

#132 - Zariczny Fracture: A Traumatic ACL Avulsion Injury in an Adult Female Skier

Brandon Hentkowski, MS, ATC, The Steadman Clinic

#133 -Spontaneous Femur Fracture in a Female Track Athlete: A Case Report

Nicole Emanato, MS, ATC, Norfolk State University

#134 -Pilon Fracture in a Collegiate Lacrosse Player: A Case Study

Patrick Deedy, Marist College

#135 -Femoral Shaft Stress Fracture in a Collegiate Lacrosse Player

Robert Casmus, MS, LAT, ATC, Catawba College

#136 -First Rib Stress Fracture in High School Baseball Player: Case Report

Jennifer Werner, ATC, University of Kentucky

#137 -Multiple Mandibular Fractures in Division II Basketball Player: Case Report

Alexandra Gruich, Ashland University

#138 -Mandible Pain in a High School Athlete

Walker Terhune, MS, ATC, LAT, University of Kentucky

#139 -Complete Pectoralis Major Tendon Rupture in a Collegiate Wrestler: A Case Report

John Taggart, ATC, Old Dominion University

#140 -AC Joint Pain in a Male Division I Competitive Cheerleader

Craig Wilder, ATC, LAT, University of Central Florida

#141 -OATS Procedure: Management of an Unstable Osteochondral Lesion in a Surfer

Christopher Raymond, MS, ATC, CES, The Steadman Clinic

#142 -Osteochondral Talar Defects in an NCAA Division 1 Women's Soccer Player

Brandon Platt, MS, ATC, CSCS, Eastern Illinois University

#143 -Severe Injury of the Left Foot in a Collegiate Basketball Player: A Case Report

Kathleen Duncanson, University of South Florida

#144 -Knee Injury in a High School Football Player

Amy Waugh, MS, ATC, University of Kentucky

#145 -Bostrom Procedure and Removal of Accessory Ossicle for the Right Ankle: A Case Analysis

Jason Craddock, EdD, LAT, CSCS, Florida Gulf Coast University

#146 -Case Report of a Traumatic Knee Injury in a Middle School Football Athlete

Timothy Butterfield, PhD, ATC, University of Kentucky

#147 -Non-Contact Hip Dislocation in Male High School Football Player

Taylor Curtis, University of North Florida

#148 -Atraumatic Spontaneous Sternoclavicular Subluxation: A Case Series

Jamey Gay, University of Kentucky



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POSTER PRESENTATIONS

VASCULAR CASE STUDIES

#149 -Effort-Induced Subclavian Vein Thrombosis in a High School Basketball Player

Chrissy Curran, ATC, Sacred Heart University

#150 -Upper Extremity Deep Vein Thrombosis in a Healthy High School Division I Baseball and Football Recruit

Eric Fragnoli, ATC, University of Utah

#151 -Division I Male Soccer Player with Bicuspid Aortic Valve

Amanda Hawkins, ATC, Georgia State University

#152 -Cardiac Embolism in an 18-year-old Collegiate Softball Player

Olivia Jackson, ATC, MS, LAT, University of Central Florida

#153 -Popliteal Artery Entrapment Syndrome Associated with Compartment Syndrome in a Collegiate Basketball Player

Briana Croker, Marist College

#154 -Diagnosis of Subarachnoid Hemorrhage in a 35-Year Old Male High School Soccer Coach: A Clinical Case Report

Christopher Loy, ATC, Rutgers Preparatory School

#155 -Postural Orthostatic Tachycardia Syndrome in a Division III Swimmer

Diamond O'Donovan, ATC, University of Kentucky

#156 -Lower Leg Hemihypertrophy Secondary to a Venous Malformation in a High School Multi-Sport Athlete: A Case Report

James Leavitt, Saginaw Valley State University

#157 -Idiopathic Thrombocytopenic Purpura in a Female High School Swimmer

Stuart Freed, MD, Wenatchee High School

#158 -Atraumatic Swelling and Discoloration of the Upper Extremity in a Male Collegiate Baseball Player

Christopher Klaine, College of Mount St. Joseph

#159 -Bilateral Subclavian Artery Impingement in a High School Swimmer

Daniel Creedon, ATC, Orthopedic Associates of Dutchess County

#160 -Arrhythmogenic Right Ventricular Cardiomyopathy/ Dysplasia in a Division II Collegiate Baseball Player: A Case Report

Paige Ciminello, Ashland University

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#161 -Unresolved Plantar Fasciitis: A Case Study on Baxter's Nerve Impingement

Kristin Stauffer, MEd, ATC, Ohio Northern University

#162 -Peripheral Paresthesia in a Collegiate Football Player

Joseph Klanecky, ATC, LAT, University of Central Florida

#163 -Ulnar Nerve Injury in a Collegiate Football Quarterback

Jonathan Hill, ATC, University of Michigan

#164 -Dual Thoracic Outlet Syndrome Surgeries and Ulnar Neuropathy in a Female Collegiate Softball Athlete

Cassandra Hodgson, ATC, University of Georgia

#165 -Retinal Detachment Resulting from Indirect Trauma in a Collegiate Pole Vaulter

Yolanda Lawrence, ATC, University of Georgia

#166 -Shoulder Dysfunction in an Intercollegiate Butterflyer

Allison Scheck, Southern Connecticut State University

GENERAL MEDICAL CONDITIONS: CASE STUDIES

#167 -Myoadenylate Deaminase Deficiency in a Collegiate Soccer Player

Conner Tidmus, ATC, University of South Florida

#168 -Skin Lesions in a Collegiate Softball Player

Julia Muscarella, Southern Connecticut State University

#169 -Complex Regional Pain Syndrome in an Adolescent Athlete

Andrea Zambrano, EMT, Marist College

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Catherine Beckemeyer, ATC, LAT, University of Kentucky

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**2014 OFFICIAL
AT EXPO PLANNER**



2014 AT EXPO: WHAT YOU NEED TO KNOW

TRADE SHOW DATES & HOURS

THURSDAY, JUNE 26	10AM-5PM (Restricted to certified athletic trainers, certified athletic training students and associate member attendees)
FRIDAY, JUNE 27	10AM-5PM (Open to all attendees)
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With over 20 years of experience manufacturing wood, laminate and steel products, Pivotal Health Solutions has proudly been supplying schools, students, professionals and teams with quality products in the therapy, massage, spa, medical, chiropractic and now athletic training markets. This revolutionary new product line features AT tables, taping stations, exam and treatment tables, mat platforms, split leg lift tables, cabinets, lockers, stools and benches. Quality Built and Technology Driven.

CM ATHLETIC TRAINER SYSTEM: BOOTH 1519

Corporate Member
24 Village Park Dr
Grove City, PA 16127-6358
(724) 458-5289 - www.athletictrainersystem.com

There premier company for injury tracking software in the industry. Our ATS software is the only one available that gives you seamless integration between your Windows PC, Laptop, Tablet or Smart Phone for your data needs.

ATHOS: BOOTH 350

399 Bradford Street
Redwood City, CA 94003
(858) 248-2370 - www.liveathos.com

Athos is creating smart clothing, that measures muscle activity / effort (EMG), heart rate (ECG), and respiratory rate. Our technology allows people to workout correctly, rehab from injury, and reach their fitness goals through actionable data insights.

ATI PHYSICAL THERAPY: BOOTH 502

790 Remington Blvd.
Bolingbrook, IL 60440
(630) 296-2222 - www.atipt.com

ATI Physical Therapy is a privately-owned, outpatient orthopaedic physical therapy company in 10 states. Our Sports Medicine Program has over 150 affiliations with professional teams, colleges, high schools and club teams throughout the nation.

ATRACK: BOOTH CONNECT

PO Box 11994
Fort Worth, TX 76110-0994
(817) 797-6803 - www.atrackonline.com

ATrack is a powerful online database that manages your ATEP student data. ATrack is your answer to scattered paperwork, missing test records and short memories. Now, in one secure and easy-to-use place, you can add, edit and review student proficiency scores, clinical experience hours, forms and documents and even your course matrix—all from your computer or browser-enabled device. www.atrackonline.com

B SPORT LOCKERS: BOOTH 1649

4880 North Cable Road
Elida, OH 45807
(567) 825-8566 - www.bsportlockers.com

Located in Elida, OH. B Sport Lockers is a family owned business taking pride in manufacturing custom lockers, treatment tables, taping stations and cabinetry. B Sport is the leader is customization allowing you to choose what best fits your teams style, color and function, providing a quality product that is uniquely yours.

CM BAILEY MFG. CO.: BOOTH 909

Corporate Member
118 Lee St
Lodi, OH 44254-1056
(330) 948-1080 - www.baileymfg.com

Join us as we celebrate our 58th year! Bailey has been involved in the sports medicine industry since the 1960's and a supporter of the NATA since 1972. We manufacture the best standard and custom tables and athletic training facility equipment, all proudly made in the USA. We stand behind our heritage and workmanship with an exclusive 5-Year Warranty. Why settle for an ordinary cookie-cutter facility when you could stand out from the crowd? Stop by our booth today and browse our portfolio of outstanding athletic training facilities.

BALANCE TRACKING SYSTEMS, INC.: BOOTH 349

8434 June Lake Dr
San Diego, CA 92119
(888) 811-0054 - www.balancetrackingsystems.com

BTrackS, created by Balance Tracking Systems, is an innovative system that completely removes subjectivity from balance assessments. BTrackS is a fast, accurate and affordable product that computes the postural sway of an athlete. Set at a price that Pro, Semi-Pro, College, H.S. and Club teams can afford, BTrackS is the perfect addition to your concussion protocol. BTrackS is lightweight, portable and easy to use, allowing ATs to easily transfer it from the athletic training facility to the road.

AT EXPO



AT Expo Exhibitors



BATTLE SPORTS SCIENCE: BOOTH 1622

Corporate Member

17110 Marcy Street, LL02
Omaha, NE 68118

(402) 884-7600 - www.battlesportsscience.com

At Battle Sports Science, our commitment is to build the most innovative sports protection equipment, enabling athletes to play at the top of their game with confidence. Battle technology is quickly spreading through many sports including football, lacrosse, rugby and MMA. We are built on a foundation of innovation in sports safety equipment and technology; dedicated to enhancing performance and safety for athletes through technology, science, research, innovation and leading edge product development



BAUERFEIND USA: BOOTH 1155

Corporate Member

3005 Chastain Meadows Pkwy.
Marietta, GA 30066

(980) 297-9395 - www.bauerfeindusa.com

Bauerfeind blazed the trail in developing functional supports that truly provide pain relief for damaged or stressed joints. We set the bar more than 80 years ago and we've been raising it ever since. We partner with medical researchers and educators, consult with physicians, and gain insights from world-class athletes and their organizations: It's all about engineering the most effective supports and braces for every joint group in the body. Take it from the pros - and get to know us!

BERTEC CORPORATION: BOOTH 650

6171 Huntley Rd. Suite J
Columbus, OH 43229

(614) 543-1127 - www.bertec.com

Bertec Balance: Are you looking for the next generation in Balance and Concussion assessment and rehabilitation? We make use of the latest computer interactive display technology, which is more effective for the athlete and more intuitive for the trainer. Discover the latest developments in the science and application of Balance and Concussion assessment and training and learn more about the Banner Concussion Protocol which is uniquely available on the Bertec technology.



BIODEX MEDICAL SYSTEMS, INC.: BOOTH 912

Corporate Member

20 Ramsey Rd
Shirley, NY 11967-4704

(631) 924-9000 - www.biodex.com

Biodex Balance Assessment, when used for Concussion Management, adds an objective neurophysical component that gives clinicians the ability to quantify the elements of balance before and after an injury.

The Biodex Balance System™ SD was designed to improve balance, increase agility, develop muscle tone and treat a wide variety of pathologies. The Biodex System 4 Multi-Joint System is still the fastest way to identify, treat and document the physical impairments that cause functional limitations.

BIOEX SYSTEMS: BOOTH 323

PO Box 926
Smithville, TX 78957-0926
(800) 750-2756 - www.bioexsystems.com

Exercise Pro Live, cloud based software for custom video exercise programs and printed handouts. Contains over 3000 professional HD videos to provide to athletes and patients. Works with Windows, Mac, iPad Android, Smart Phones and other related mobile technologies. Drop by our booth to enter a contest for a free one year subscription to Exercise Pro Live. Exercise Pro desktop also available for fitness program and exercise handouts. Fitness Maker Professional software provides fitness assessment, health risk screening, group testing analysis, nutritional counseling, meal plans and more.

BIOMECHANIC SYSTEMS: BOOTH 243

16501 Sherman Way
Van Nuys, CA 91406
(800) 310-9867 - www.biomechanicsystems.com

Biomechanic Systems myofascial release equipment administers rapid mechanical percussions that penetrate several layers of muscle with up to 3600 percussions per minute that achieves better results with minimal to no discomfort. The equipment's percussive action produces impact directly to the treatment area achieving a much deeper and more direct treatment.

BIOWAVE CORP.: BOOTH 312

16 Knight St
Norwalk, CT 06851-4725
(203) 247-9020 - www.biowave.com

BiowavePRO® is an advanced neuromodulation pain therapy system that delivers therapeutic electrical signals through skin into deep tissue blocking the transmission of pain, increasing range of motion, and reducing stiffness and muscle spasm for up to 24 hours following a 30-minute treatment. Multiple treatments provide a cumulative benefit. BiowavePRO is also used during AROM, PROM, exercise and stretching to facilitate rehabilitation. Athletes can move more resistance through a greater range of motion with little pain. BiowavePRO facilitates motion and manages pain simultaneously. Come see why over 80% of teams in the NFL prefer BiowavePRO.

BIPRO: BOOTH 500

11000 W 78th Street
Eden Prairie, MN 55344-8012
(612) 751-8913 - www.biprousa.com

BiPro manufactures one of the highest purity whey protein isolates commercially available. It is available in 3 versions, Chocolate, French Vanilla, and the original unflavored. BiPro is a rich source of essential and branched chain amino acids (BCAA's) to help improve body composition and enhance athletic performance. No other protein has just the right amounts of essential and branched chain amino acids to provide optimal nutrition for athletes.



BLED SOE BRACE: BOOTH 807

2601 Pinewood Drive
Grand Prairie, TX 75051-3516
(972) 647-0884 - www.bledsoebrace.com

In the orthopedic industry for over 30 years, Bledsoe Brace Systems continues to provide innovative, quality products and exceptional service to customers and patients. Bledsoe products are used by orthopedic specialists, primary care physicians, pain management specialists, physical therapists, podiatrists, athletic trainers and other healthcare professionals to treat patients with musculoskeletal conditions resulting from degenerative diseases, deformities, traumatic events and sports-related injuries.

BOARD OF CERTIFICATION: BOOTH 846

1415 Harney St., Suite 200
Omaha, NE 68102
(402) 559-0091 - www.bocac.org

The Board of Certification, Inc. (BOC) was incorporated in 1989 to provide a certification program for entry-level Athletic Trainers (ATs). The BOC establishes and regularly reviews both the standards for the practice of athletic training and the continuing education requirements for BOC Certified ATs. The BOC has the only accredited certification program for ATs in the US.

BOB MCCLOSKEY INSURANCE: BOOTH 606

76 Main St
Matawan, NJ 07747-2629
(732) 583-1181 - www.bobmccloskey.com

Since 1975, Bob McCloskey Insurance has served the intercollegiate sports and special risk insurance community. BMI writes over 350 college and universities and is also one of the top insurance claims administrators in the business...BMI is truly your one stop marketplace for all of your intercollegiate sports, uninsured domestic and international student athletes, and summer camp insurance needs.

BODYARMOR SUPERDRINK: BOOTH 232

1720 Whitestone Expwy, 4th Floor
Whitestone, NY 11357
(310) 424-5077 - www.drinkbodyarmor.com

BODYARMOR is a premium sports drink that provides superior nutrition and hydration and is loaded with more electrolytes, vitamins and coconut water – and contains no caffeine. It is available in six great-tasting flavors.

BOOKS OF DISCOVERY: BOOTH 1243

2539 Spruce St.
Boulder, CO 80302
1-800-775-9227 - www.booksofdiscovery.com

Books of Discovery is the publisher of the acclaimed Trail Guide to the Body. Our company specializes in user-friendly, reasonably-priced musculoskeletal and palpation educational tools for the manual therapy fields. More than 1,700 bodywork schools have chosen Trail Guide to the Body products for their students and it is sold in 38 countries. We offer extensive print and digital resources for students, instructors and practitioners as well as an online community so you can share tips and information with your colleagues.

BORDEN PERLMAN: BOOTH 1349

2000 Lenox Drive
Lawrenceville, NJ 08648-2314
609-896-3434 x128 - www.bordenperlman.com

Borden Perlman Insurance Agency is based out of Lawrenceville, NJ and specializes in the athletic accident insurance business for over 300 colleges and universities across the country. BPHA (BP Health Advocate), a sub-division of Borden Perlman specializes in medical networks and medical contracting with your providers, primary insurance verification services and international student athlete coverage that provides coverage for intercollegiate injuries.

BRAIN SENTRY: BOOTH 522

4630 Montgomery Ave
Bethesda, MD 20814
(240) 541-5050 - brainsentry.com

Helmet-mounted sensor, placed on the back of the helmet, that flashes a red light when a player sustains an impact with a likelihood of causing a concussion. It lasts for an entire season with no maintenance required; batteries never need to be charged; there is no on or off button since the sensor is always on. It maintains a memory of all large impacts so the red light flashes a double red flash on the 2nd large impact, a triple red flash on the 3rd large impact, and so on, and it does not require any other device to work.

BREG: BOOTH 306

2885 Loker Ave East
Carlsbad, CA 92010
(800) 897-2734 - www.breg.com

Breg provides premium, high-value sports medicine products and services that advance orthopedic patient care. From pioneering cold therapy and innovative bracing to caring customer service and award-winning orthopedic practice solutions, Breg delivers a 360° customer experience unmatched in the industry. Product lines include knee bracing, cold therapy, shoulder bracing, elbow/wrist bracing, spine bracing, walker/ankle/foot bracing, therapy kits for at-home rehabilitation and a custom logo program.

BSN MEDICAL, INC.: BOOTH 1118

5829 Carnegie Blvd
Charlotte, NC 28209
(704) 965-2575 - www.iconmedical.biz

BSN is one of the sport medicine industry's oldest partners providing outstanding athletic training facility staples like Coverlet Bandages, Lightplast Pro, Tensoplast, Cover-Roll, Fixomull, Leukotape P and Gelocast Unna Boot. BSN is the world leader in wound-care products, the Jobst Compression Wear and offers a full-line of fracture management orthopedic products.



AT Expo Exhibitors

BYOGLOBE, LLC: BOOTH 209

4960 SW 52 Street
Davie, FL 33314
(888) 855-5359 - www.byoglobe.com

ByoGlobe supplies products and equipment to eliminate odors and pathogens in athletic training facilities and on sports equipment. Stop by our booth to check out our products and their strength in killing harmful bacteria, viruses, mold, mildew and yeasts – while cleaning and sanitizing even the toughest odors and high density traffic areas, ripe with disease and other health threatening elements.

CAATE: BOOTH 850

6836 Austin Center Blvd., Ste 250
Austin, TX 78731
(512) 733-9700 - www.caate.net

The Commission on Accreditation of Athletic Training Education (CAATE) accredits educational programs in athletic training. Professional Programs for students wishing to enter the profession, Post-Professional Degree and Residency Programs for credential holders who wish to pursue an advanced degree or obtain mentored clinical and didactic experience in a specialized area of AT.

CALIFORNIA UNIVERSITY OF PA: BOOTH 553

250 University Ave
California, PA 15419-1394
(724) 938-4356 - www.calu.edu

The 12-month, 36-credit Master of Science in Exercise Science and Health Promotion at California University of Pennsylvania is 100% web based. Our online program allows students to complete the MS program while still maintaining their full-time positions. For more information and a list of degree programs, call 1-866-595-6348 or visit www.calu.edu/go.

CAMPBELL SCIENTIFIC: BOOTH 1708

815 W. 1800 N.
Logan, UT 84321
(435) 227-9000 - www.campbellsci.com

Campbell Scientific lightning warning systems are used worldwide to provide a constant blanket of protection from lightning strikes. That's because our systems continually monitor the electric field, allowing us to detect danger even before the first strike, so you always know when it's safe.

CARDEA ASSOCIATES, INC.: BOOTH 436

13720 220th Pl NE
Woodinville, WA 98077
(855) 800-0760 - www.cardeascreen.com

Sudden cardiac arrest (SCA) is the leading medical cause of death in athletes and often is the first symptom of a cardiac condition. CardeaScreen, developed for screening athletes' hearts, helps physicians quickly and accurately identify abnormal ECG conditions associated with SCA.

CARDIAC SCIENCE: BOOTH 330

N7 W22025 Johnson Dr
Waukesha, WI 53186
(262) 953-3500 - www.cardiacscience.com

Cardiac Science develops, manufactures and markets Powerheart® automated external defibrillators (AEDs) and related services that facilitate successful deployments. Our AEDs are found in public places to combat sudden cardiac arrest (SCA). For more information, go to www.cardiacscience.com.

CARPAL THERAPY: BOOTH 842

2345 S. Lynhurst Dr. Suite 111
Indianapolis, IN 46241
(317) 313-0680 - www.sastm.com

David Graston, a pioneer in Instrument Assisted Soft Tissue Mobilization (IASTM) industry, has created the SASTM method for treating soft tissue injuries. He originally developed tools to assist in his own recovery from an injury. After years of research, development and feedback, David developed SASTM, Sound Assisted Soft Tissue Mobilization. SASTM is a method and design of instruments incorporating sound, mapping forms, and other innovative education and training ideas.

CATALINA HEALTHCARE: BOOTH 200

3870 Rush Mendon Rd. Ste.7 PO Box 303
Mendon, NY 14506
(585) 624-7540 - www.nasalcease.com or www.bleedcease.com

Exclusive marketer of BleedCEASE and NasalCEASE in North America. Both products are FDA approved OTC Class I medical devices for stopping bleeding (both nosebleeds and topical bleeding). BleedCEASE and NasalCEASE are identical and offer unique technology for stopping bleeding fast and easy. The products are safe, effective and offer the most consumer friendly technology in the stop bleeding category. Stop by our booth # 200 for samples, literature and more!

CELLIANTTX.COM: BOOTH 236

CM Corporate Member
5132-B Tampa West Blvd
Tampa, FL 33634
(813) 787-5588 - www.cellianttx.com

We manufacture Celliant textiles, designed to recycle the body's energy using minerals that absorb the heat energy from the body. This energy is transformed into infrared light which is reflected back into the muscle tissue where it increases the amount of blood that the capillaries can hold thus increasing circulation. More circulation means pain relief, muscles recover quicker, more endurance and body temperature is regulated.

AT EXPO



CHAMPION HEALTH SERVICES - SPORTPHARM: BOOTH 1023

5481 Commercial Dr., Suite B
Huntington Beach, CA 92649
(714) 451-8425 - www.championhealthservices.com
Champion Rx offers a suite of services through the MORE app for ordering, dispensing, tracking prescription meds, injectables, OTC's and medical supplies in the athletic training facility. As a licensed provider, we deliver our products directly to a licensed facility. We have been recognized as the provider of choice for professional leagues and proudly serve the USOC and USA teams and NCAA colleges. Our mission is to assist you to provide the highest level of care to the athletes.

CHECKMYLEVEL: BOOTH 1447

Elektroniikkatie 3, FL-90590
Oulu, Finland
011.358.40.3511892 - www.checkmylevel.com
Checkmylevel is a revolutionary way to assess readiness, based on the recovery level of muscles. Checkmylevel provides professional coaches with a fast and reliable way to analyze the readiness of each athlete. Checkmylevel solution for teams includes an assessment device, a mobile app and a cloud service for all the data.

CLINICALLY FIT: BOOTH 757

1940 deer park ave unit 126
Deer Park, NY 11729
(631) 881-0820 - www.clinicallyfit.com
Developers of The Xtensor Hand Exerciser and EZEElbow Multi Therapy Compression Strap, Clinically Fit has manufactured the first rehabilitation system for tennis elbow. By working to prevent further injury, treat the symptoms, maximize blood flow and address the cause; the EZEElbow system provides all of the tools needed for fast healing and increased strength to better handle upper extremity repetitive stress and muscular imbalances.

CLOROX PROFESSIONAL PRODUCTS: BOOTH 1118

PO Box 2407
Matthews, NC 28106
(704) 965-2575 - www.clorox.com
Clorox is here to help. Athletic Trainers play a critical role in keeping players and facilities healthy and game-ready. Proper preventative measures to defend against dangerous pathogens, like MRSA, are the highest priority. Introducing 4 in ONE - a breakthrough new product to help defend against the spread of bacteria on hard and soft surfaces.

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Sparta, MI 49345
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Coach and Athletic Director has been the No. 1 resource for thousands of athletic directors, athletic trainers and coaches at the high school and collegiate levels for more than 85 years. Features a print magazine, website, digital edition, e-newsletter and annual industry buyers' guide. Coach and Athletic Director also produces the annual Program of Excellence Award, recognizing outstanding high school sports programs across the country. Learn more at coachad.com or on Facebook and Twitter.

COLD DADDY CHILLER: BOOTH 230

110 Mill St.
Waco, TX 76704
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CM COLD TUB: BOOTH 213

CM Corporate Member
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Lynnfield, MA 01940-1640
(617) 480-7683 - www.coldtub.com
Coldtub designs and manufactures cold water therapy products. (aka cryotherapy, cold water immersion, balneotherapy, hydrotherapy). The ColdTub™ organization plans to be the clear winner in the business of cold water therapy products. You are welcome to join us. Contact us RIGHT NOW and we will show you that winning is cool.™

COLLINS SPORTS MEDICINE: BOOTH 1041

370 Paramount Dr
Raynham, MA 02767-5419
(800) 886-2825 - www.collinssports.com
Collins Sports Medicine, a family owned and operated distributor of sports medicine, athletic training and strength & conditioning products was founded on the principals of superior customer service and an unwavering commitment to quality. Collins has become an expert resource in the area of facility design services. Whether you are building a new facility or revising an existing one, Collins can help you get most out of your dollars and space.

CONCORDIA UNIVERSITY CHICAGO: BOOTH 1256

7400 Augusta St
River Forest, IL 60305
708-888-2031 - www.gettoafterfaster.com
Concordia University Chicago's online Masters in Applied Exercise Science program won't just make you a better athletic trainer, it will take your career to the next level. Designed in partnership with the NASM and the ISSN, our Master of Science in Applied Exercise Science program prepares students for specialization in corrective exercise training, personal training, sports nutrition and sports performance training. In just a year and a half, you'll see the difference.

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The Cool Draft 360 fans produce a light cooling fog, not a heavy wet mist. The 360 Series is the most portable, well-built, misting fans available today!



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Our CorTemp Ingestible Core Body Temperature Sensor wirelessly transmits core body temperature as it travels through the digestive tract. Used in research and sports medicine. Great for heat stress prevention. FDA cleared.

COVIDIEN: BOOTH 1019

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Stoughton, MA 02072-1505
(781) 297-2034 - www.csmisolutions.com

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Geneva, IL 60134
(630) 232-2510 - www.curasurgical.com

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Silverlon® Antimicrobial Surgical/Wound Dressings

CURAMEDIX: BOOTH 456

40 Albion Rd., Ste. 101
Lincoln, RI 02865
401-333-6500 - www.curamedix.com

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CustMbite "MVP" mouthguards are the only off-the-shelf custom-fit athletic mouthguard. No impairment of speech or breathing. Non-chewable revolutionary material. Also, provides custom-fit over Orthodontic braces with the ability to refit if needed. Never placing a hot mouthguard due to its increased fitting time. Also, microwaveable to allow multiple fittings at the same time.

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Omaha, NE 68118
(402) 505-3275 - www.cypressriskmanagement.com

Cypress Risk Management is an insurance agency providing customized special risk solutions within the participant accident marketplace. We go beyond the typical pricing approaches by applying a multitude of logic-based risk management techniques to ensure you receive the best return on your investment. The principles of Cypress apply an insurance carrier background and expertise in underwriting, risk prevention, claim administration, provider networks, billing discounts, funding arrangements and claim consulting.



AT Expo Exhibitors

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(800) 999-8866 - www.darcointernational.com
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DATALYS CENTER FOR SPORTS INJURY RESEARCH & PREVENTION: BOOTH 521

401 West Michigan
Indianapolis, IN 46037
(317) 275-3664 - www.datalyscenter.org
The Datalys Center for Sports Injury Research and Prevention is an independent non-profit 501(c)3 company that specializes in sustainable multisite data collection and analysis of injury, health outcomes, and other data related to sports and physical activity. For more information please visit www.datalyscenter.org.

DEFENDER MOUTHGUARDS: BOOTH 504

100 Snake Hill Road
West Nyack, NY 10994-1627
(888) 653-3336 - www.defendermouthguards.com
Defender Mouthguard Laboratories, the leading manufacturer of custom fitted sports mouthguards, provides maximum protection and optimal performance. Our exclusive Anatomical Design Technology allows us to build multiple layers of protection on impact areas and chewing surfaces of the teeth, with a specialized layer for uninhibited speech and unrestricted breathing. Our OrthoMotion mouthguard is built to fit over braces. We can accommodate team orders of any size with our self impression kits.

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1430 Decision St
Vista, CA 92081-8553
(423) 316-2185 - www.djoglobal.com
DJO Global is a leading global medical device company providing solutions for musculoskeletal and vascular health,

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DOCTOR HOY'S NATURAL PAIN RELIEF PRODUCTS: BOOTH 508

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DOCTOR HOY'S™ Natural Pain Relief Products attack inflammation and soothe away pain and stiffness. NEW DOCTOR HOY'S™ Natural ARNICA BOOST attacks pain and inflammation at the source with three powerful ingredients, Arnica, MSM, and Aloe. Use alone or expedite healing by combining original DOCTOR HOY'S™ Natural PAIN RELIEF GEL powered by Timed Release Menthol and Camphor for hours of deep relief. Focus on your life, your game...NOT your pain!™

THE DOME COMPANIES: BOOTH 334

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Warwick, RI 02886
(401) 738-7900 - domeproductsonline.com
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DORSAVI: BOOTH 348

9 Warner Rd
Maplewood, NJ 07040
(720) 235-3131 - www.dorsavi.com
ViPerform is cutting-edge wearable wireless sensor technology enabling objective and accurate measurement of movement and muscle activity that can give objective information for decisions on return to play, measure biomechanics and provide immediate biofeedback, tailor and track training programs and help athletes achieve and maintain peak performance.

DOUGLAS PADS & SPORTS: BOOTH 548

700 W 6th St.
Houston, TX 77007
(713) 697-9787 - www.douglaspads.com
Douglas Pads & Sports Inc. continues to be the leader in custom protection after 28 years in the industry. Douglas is well-known for its American Made custom football shoulder pads. In the athletic trainer's network, Douglas is known for its quick turn around on injury specific custom padding and arm restraints. With input from hundreds of equipment managers and trainers, Douglas continues to innovate and improve the equipment we supply to the industry.



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DR. COOL: BOOTH 1746

Corporate Member

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Portsmouth, NH 03801
(603) 319-1030 -

Dr. Cool is the ONLY product to combine ice and compression in one flexible wrap. Dr. Cool wraps can be used dry as a compression wrap to support and protect various body parts during activities, or frozen to combine cold and compression to reduce swelling and speed recovery mid or post-activity. To use Dr. Cool wraps as a cold compress, simply wet the wrap then roll and freeze it; Coolcore's patented material will keep the fabric colder, longer.

DR. JILL'S FOOT PADS: BOOTH 409

466 S. Military Trail
Deerfield Beach, FL 33442-3023
866-FOOTPAD - www.drjillsfootpads.com
Foot Pads: Felts, Foams, Moleskin and Gels.

Manufacturers and Your 1 Stop Foot Pad Source for Felts, Foams, Moleskin and Gels. Pre-Cut Pad Shapes and Rolls. Ready-to-Dispense Orthotics, Arch Supports and Insoles. Hundreds of pre-cut pad shapes available in multiple different thickness's of felt and foam. Rolls available in multiple different thickness's and sizes of felt, foam and moleskin.

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DRUG FREE SPORT: BOOTH 818

Corporate Member
2537 Madison Ave

Kansas City, MO 64108-2334
(816) 474-8655 x123 - www.drugfreesport.com

The National Center for Drug Free Sport, Inc. is the premier provider of drug-testing programs in sport. Drug Free Sport administers comprehensive drug-testing programs, manages national and international collections, develops drug-testing policies and provides educational services to a wide range of clients in sport including the NCAA, NFL, NBA, PGA TOUR, LPGA, Minor League Baseball, several state high-school associations and over 300 colleges and universities nationwide.

DRY+GOODS - ATHLETIC SPRAY POWDER: BOOTH 1638

1 North Lexington Ave. 7th Floor
White Plains, NY 10601
(305) 769-8397 - www.drygoods.com

Dry+Goods is a spray powder built to protect your athletes from friction, chafing, blisters & moisture. Put to the test among professional, collegiate, and endurance athletes of all sports, Dry+Goods keeps the skin cool and stays where applied without the traditional dump-on mess, or clumping. This year launches the highly anticipated 2.1oz TRAVEL SIZE CAN! Great for individual player's lockers, Athletic Trainer bags, & Road Trips. Stay COOL & DRY while on the GO! Come by BOOTH #1638 & learn more!

DS2 REHAB SYSTEMS, LLC.: BOOTH 1118

9119 Hwy 6
Missouri City, TX 77459
(281) 778-3157 - www.ds2platform.com

DS2 Rehab Systems is home to the DS2 PLATFORM (DYNAMIC STABILIZATION AND STRENGTHENING PLATFORM). Adjustable, wall-mounted, low-friction platform used for closed chain shoulder exercises but can also be placed on a table or floor for upper/lower extremity and core exercises. From the initial stage of post-operative exercise to sport-specific rehabilitation and conditioning, the versatile DS2 PLATFORM can do it all!

DYNAMIC TAPE: BOOTH 455

PO Box 1312
Port Vila, Vanuatu
61 2 8011 3823 - www.dynamictape.co

Dynamic Tape is completely different to kinesiology tapes like Kinesiotape and Rock Tape and is used in an entirely different manner. It is highly specialized with very strong recoil, over 200% elongation with no rigid endpoint and stretch in all directions. Dynamic Tape was designed to contribute genuine mechanical force into the kinetic chain, allow taping over multiple joints, across the spine and with rotation and without limiting movement. The preferred choice of Olympic, professional and amateur athletes the world over.

DYNATRONICS: BOOTH 1323

7030 Park Centre Dr
Salt Lake City, UT 84121-6618
(800) 874-6251 - www.dynatronics.com

With over 35 years of experience in the manufacture of advanced-technology medical devices, treatment tables, rehabilitation equipment, and electrotherapy devices, Dynatronics' expertise doesn't end there. Dynatronics designs custom athletic training facilities for pro teams, high schools, college, and universities nationwide. Athletic facilities furnished with individual taping stations and cabinets built to your specifications as well as team logos debossed in the Naugahyde color of your choice.

E*VALUE: BOOTH 1718

10 Second Street
Minneapolis, MN 55413
(612) 253-0130 - www.e-value.com

E*Value delivers a powerful suite of cloud-based solutions to manage student's educational records and program accreditation requirements. The E*Value software will help you manage 360 evaluations, clinical skills and hours tracking, electronic portfolios, immunization & certification records, curriculum mapping and scheduling. Let us help you improve your students' overall experience, so they can focus on learning and you can focus on teaching.



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EAS SPORTS NUTRITION: BOOTH 1700

3300 Stelzer Rd.
Columbus, OH 43219
(614) 624-3707 - www.eas.com

EAS Sports Nutrition (eas.com) offers high quality sports nutrition foods and dietary supplements for active individuals. In addition, the EAS Academy (easacademy.org) provides downloadable information on many topics in sports nutrition and sponsors educational activities related to sports nutrition.

EC3D: BOOTH 1439

1993 Francis-Hughes
Laval, QC H7S 2G2 - Canada
(850) 450-4856 - www.ec3dsports.com

EC3D Seamless compression wear is a stitch in time to help active individuals make a seamless transition from injury to recovery. Our Engineered Compression 3 Dimensional (EC3D) garments are scientifically designed, one stitch at a time, to create anatomically specific calibrated compression garments. EC3D's active gear with medical grade compression also improve athletic performance by encouraging blood flow and oxygenation to the muscles during exercise; increasing output during activity, and reducing fatigue.

ECLINICALWORKS: BOOTH 1446

2 Technology Dr.
Westborough, MA 01581
(508) 836-2700 - www.eclinicalworks.com

With the industry's largest Cloud network, approximately one in five Americans' health data are stored using eClinicalWorks software. eClinicalWorks V9 provides more than just a way for your practice to go paperless. This comprehensive solution is the next-generation for healthcare IT, allowing practices to improve efficiency and enhance patient care. Using industry leading technology, eClinicalWorks will help your practice achieve its goal of delivering the best patient care possible.

ECONOLINE PRODUCTS: BOOTH 1118

392 Faggart Avenue, NW
Concord, NC 28027
(800) 367-8319 - www.econoline.com

Since 1967 Econoline Products has been offering the best quality foam and padding supplies to athletic trainers. From our Super, Memory and American foams to our line of Shock Shield padding, Econoline Products are protecting our athletes. Available at all of the major sports medicine suppliers.

EDU TECHNOLOGY: BOOTH 351

132 S. Mountain Ave
Ashland, OR 97520
(541) 708-5885 - www.edu-technology.com

Edu Technology offers medical and health science related software and online subscriptions. We carry only a reasonably small group of products, such as Primal Pictures and BioEx Systems that we can deeply support and service. We will be highlighting the new "Anatomy Flashcard Learning System" product to learn Human Anatomy.

ELLIPTIGO: BOOTH 1342

722 Genevieve St
Solana Beach, CA 92075
(443) 690-0570 - www.elliptigo.com

With more than a dozen Olympians, 25 Universities, and over 100 professional athletes leveraging the ElliptiGO outdoor elliptical cycle for innovative rehabilitation and supplemental training, your athletes can benefit, too. In addition to being a perfect fit for track & field and cross-country programs, the ElliptiGO can be leveraged across multiple sports teams. The ElliptiGO combines the best of running, cycling, and the elliptical trainer into one low-impact, fun-to-use, high-performance, outdoor workout.

EVOSHIELD: BOOTH 618

300 Commerce Blvd
Bogart, GA 30622-2224
(865) 382-6094 - www.evoshield.com

Engineered to withstand high impact under the toughest conditions, EvoShield Protective Gear is the thinnest, lightest, and strongest of its kind. With the signature Gel-to-Shell Technology™, the protective Shields mold to the contours of each athlete, creating a unique protective layer that disperses impact to protect better than traditional foam or plastic protective gear.

EYE BLACK: BOOTH 422

PO Box 60705
Potomac, MD 20859
(301) 816-1980 - www.eyebblack.com

Eye Black specializes in the production and sale of athletic and customizable EyeBlack patches. We are a small company that believes in doing the right thing for all of our customers. Our EyeBlack products and brand are built around a sense of team and community.

EYEPROMISE: BOOTH 421

660 F Crown Industrial Ct.
Chesterfield, MO 63005
(314) 229-6758 - www.zea-vision.com

ZeaVision, manufacturer of the EyePromise brand of eye vitamins, is passionate about promoting healthy vision through nutrition. With more than 20 years of research, ZeaVision pioneered the use of zeaxanthin, a natural antioxidant and photo-protectant, for eye health. EyePromise products are science based, offering the highest levels of dietary zeaxanthin available. With more than 40-million doses consumed, EyePromise is the brand of choice for eye care professionals and professional athletes alike.

F.A. DAVIS COMPANY: BOOTH 622

1915 Arch St
Philadelphia, PA 19103-1403
(215) 825-8554 - www.fadavis.com

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FABRICATION ENTERPRISES INC.: BOOTH 1720

PO Box 1500
White Plains, NY 10602
(800) 431-2830 - www.fabent.com

Fabrication Enterprises Inc. (FEI) is a manufacturer, importer and master distributor of products for sports medicine, physical fitness, athletic training and physical therapy. Look for our brand name product lines: CanDo® resistance bands and tubing, foam rollers, weight bars, dumbbells, hand weights, kettle bells and medicine balls. For evaluation, Baseline® products continue to be the industry standard goniometers, dynamometers, and measurement tools.

FASTECH LABS: BOOTH 347

1100 Owendale Dr Ste J
Troy, MI 48083-1914
(800) 351-3668 - www.fastechlabs.net

Fastech Labs markets an “in-facility” foot orthotics system where orthotics can be made and dispensed in minutes. Fastech offers training in the manufacture of functional foot orthotics as well as markets all equipment and raw materials needed to make the most successful foot orthotics in sports medicine.

FAT-TOOL INC.: BOOTH 237

4465 Drummond Rd
Niagara Falls, ON L2E 6C5 - Canada
(905) 356-4484 - www.fat-tool.com

The Fascial Abrasion Technique (FAT) Tool mobilizes soft tissue without causing bruising or swelling. It is a revolutionary next generation tool for assisted myofascial release. It's patented textured surface allows the treatments to be more effective at reducing fascial tension and less painful than other tools currently in the market.

FELLOWSHIP OF CHRISTIAN ATHLETES: BOOTH 751

8701 Leeds Road
Kansas City, MO 64129
(816) 892-1192 - www.fca.org

FCA is touching millions of lives... one heart at a time. Since 1954, FCA has been challenging coaches and athletes to use the platform of athletics to impact the world for Jesus Christ. FCA serves local communities by equipping, empowering and encouraging people to make a difference for Christ.

FERRIS MFG. CORP.: BOOTH 523

5133 Northeast Pkwy.
Fort Worth, TX 76106
(817) 900-1301 - www.polymem.com

Founded in 1977, Ferris Mfg. Corp. is dedicated to developing innovative advanced wound care products that bring desired and effective results to the healing process. Ferris is a privately owned small business producing and distributing PolyMem® and Shapes® by PolyMem wound care dressings, and SportsWrap®. All products are made in the USA at Ferris headquarters in Fort Worth, Texas.

FITLIGHT SPORTS CORP: BOOTH 208

14845-6 Yonge Street, Suite 376
Aurora, ON L4G 6H8 - Canada
(905) 895-0508 - www.fitlighttraining.com

Fitlight Sports Corp. products revolutionize strength and conditioning, physical fitness and recovery/ rehabilitation. Our dedication to the development of innovative products and our understanding of sporting science has enabled us to provide products that are designed to be flexible. In our quest to set the standard by which all others will be measured, we have embraced innovative technology in the creation of our FITLIGHT TRAINER™ product for all to enjoy in the pursuit of excellence.

FITNESS CUE: BOOTH 453

2211 Ala Wai Blvd
Honolulu, HI 96815
(808) 226-4653 - <http://fitnesscue.com>

The Fitness Cue is a fun and portable product that helps people be more mindful of their movement while working out. Made mostly of natural wood, it helps improve posture, increase flexibility, boost mind-muscle connection, lengthen and stretch tight muscles and strengthen dormant muscles. The patented grooves detect any imbalances and get both sides of the body to work symmetrically. It offers a gentle cue to maintain good posture and to activate the right muscles.

FLEX LITE CORPORATION: BOOTH 249

22 Putnam Ave
Cambridge, MA 02138
(774) 452-1806 - www.flexlitecorp.com

FlexLite is developing a significant new product to accelerate athletes recovery. Initial studies show effectiveness far beyond traditional modalities such as ice baths, massage and compression wear. Certified Athletic Trainers can stop by Booth 249 to provide feedback, learn more, and fill out a survey for a free Amazon gift card.

CM FOOT MANAGEMENT INC.: BOOTH 1111

CM
Corporate Member
7201 Friendship Road
Pittsville, MD 21850-0100
(410) 835-3668 - www.footmanagement.com

Foot Management is a 40 year old pedorthic orthotic lab that caters to athletic trainers. Our orthotics are custom made to ensure full plantar contact with the foot while still allowing the foot to be a mobile adapter. Stop by to see our new flexible & shock absorbing Warrior orthotic. We hold your casts for 5 years, so remakes can be ordered without recasting. We also offer Turf Toe plates on shoeboard and insoles to help protect the MP Joint from hyper-extension. If it's for the foot - think of Foot Management!!!

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FORCE3 PRO GEAR: BOOTH 546

155 New Haven Ave
Derby, CT 06418
(303) 290-7411 - www.force3progear.com

Force3 Pro Gear is a visionary, 21st century company dedicated to enhancing and revolutionizing protective equipment for active participants in all sports. Founded by former Major League Umpire Jim Evans, improving the efficiency of protective gear for baseball became Force3's initial goal. Creative engineering, innovative design, the highest quality materials, and the latest in manufacturing technology define today's Force3 mission.

FUJIFILM SONOSITE, INC.: BOOTH 610

21919-30th Dr. SE
Bothell, WA 98021
(425) 951-1200 - www.sonosite.com

FUJIFILM SonoSite, Inc., the world leader in bedside and point-of-care ultrasound, delivers solutions that meet imaging needs of the medical community. With its acquisition of VisualSonics' ultra high-frequency micro imaging technology, SonoSite continues to influence the future of medical ultrasound in both the clinical and preclinical markets.

GAME READY: BOOTH 713

1800 Sutter St., Ste 500
Concord, CA 94520-2587
1.888.426.3732 - www.gameready.com

Game Ready® is the leader in active compression and cold therapy technology for injury treatment and post-operative recovery. The injury treatment system of choice, both domestically and internationally, for thousands of athletic trainers, Game Ready enables the simultaneous circulation of ice water and active pneumatic compression through anatomically specific wraps, uniquely integrating proven cold and compression therapies in a dual-action treatment system that sets a new standard in care.

GATORADE: BOOTH 1100

FOUNDING STRATEGIC PARTNER
CONVENTION SPONSOR
Corporate Member
555 W Monroe St
Chicago, IL 60661
(312) 821-1976 - www.gatorade.com

Gatorade provides sports performance innovations designed to meet the needs of athletes at all competitive levels and across a broad range of sports. Backed by more than a 40 year history of studying the best athletes in the world and grounded in years of hydration and sports nutrition research at the Gatorade Sports Science Institute, Gatorade provides scientifically formulated products to meet the sports fueling needs of athletes in all phases of athletic activity.



GFORCETRACKER INC.: BOOTH 208

Corporate Member
96 Steelcase Rd. West
Markham, ON L3R 3J9 - Canada
(905) 470-0109 - www.gforcetracker.com

GForceTracker is a Hit Count® Certified, advanced linear g-force and rotational impact sensor monitoring system that accumulates a lifetime of head impacts. It monitors, measures and provides vital statistics such as number of impacts, severity of impacts, local alarming when the impact exceeds an acceptable threshold and accumulates this data to provide key metrics that determine whether its user has suffered a possible head injury. The GFT is currently the only Hit Count® Certified head impact sensor on the market.

GLADIATOR BY SGI: BOOTH 1631

3451 W Allegheny Ave
Philadelphia, PA 19132-1021
(877) 848-2737 - www.gladiatorguards.com

For over 20 years, Sport Guard Inc. (SGI) has been involved in the dental products industry and has grown to be the largest and longest standing consumer-direct custom mouthguard provider in the nation. The production of the Gladiator®, a high-heat/pressure, multi-laminated custom mouthguard, provides customization for each athlete, giving them the appropriate thickness for the maximum amount of protection. And of course, every Gladiator is personalized with your choice of color, identification and logo.

GRASTON TECHNIQUE®: BOOTH 1525

8450 Westfield Blvd.
Indianapolis, IN 46240
(317) 926-2996 x102 - www.grastontechnique.com

Graston Technique® is an advanced method of soft tissue treatment technology. The protocol includes use of stainless steel instruments that provide trainers with a mechanical advantage in detecting/treating/resolving chronic and acute connective soft tissue dysfunctions. Graston Technique®, used by prominent sports organizations, is BOC approved.

GRIMM SCIENTIFIC INDUSTRIES, INC.: BOOTH 1431

Corporate Member
PO Box 2143
Marietta, OH 45750-7143
(740) 374-3412 - www.grimmscientific.com

Grimm Scientific Industries is an engineering and production team dedicated to providing state of the art quality constructed therapy and rehabilitation equipment. Our productlines includes CRYOTherm, an innovative system in cold and hot hydrotherapy; CRYOPress, refrigerated sequential compression; PARATherm, self-cleaning heating modality and DURALast, lifetime warranty handcrafted furniture.



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GUARDIAN CAPS: BOOTH 1730

900 McFarland 400 Blvd.
Alpharetta, GA 30004
(770) 667-6004 - www.guardiancaps.com

The Guardian Cap flips traditional helmet design inside out by adding lightweight exterior padding to helmets. The Guardian Cap attaches to all football and lacrosse helmets, reducing the severity of blows up to 33%. Designed by material engineers, the soft-shell energy management system is decoupled from the helmet, aiming to address both linear and rotational forces. See why 22,000+ Guardians are worn with outstanding feedback from youth, high school, and collegiate coaches and athletic trainers. Team and league discounts available.

HAPAD, INC.: BOOTH 202

5301 Enterprise Blvd
Bethel Park, PA 15102-2531
(800) 544-2723 - www.hapad.com

Hapad, Inc. is a leading manufacturer of 100% natural wool felt foot products and sports replacement insoles for conservative management of common, painful foot complaints. Correctly skived and sized, Hapad products are a quick, easy and affordable alternative to custom-made devices. Stop by the Hapad booth for a free professional sample.

HAPPY FEET: BOOTH 204

2639 Freemantle Dr.
Florissant, MO 63031
(731) 432-0789 - www.happyfeet.com

HappyFeet combines Memory Liquid with its clinically proven dynamic fluid technology to eliminate pain in your back, hips, knees and feet immediately. The fluid action stimulates healing blood flow, absorbing impact and distributing weight evenly. HappyFeet allows you to stand, walk, run and work pain free for up to 16 hours / day on hard surfaces. Memory Liquid fills in the gaps of the feet providing a lifting action that allows the foot to lay properly which in turn allows the weight to be distributed equally from heel to toe and side to side.

HARTMANN USA, INC.: BOOTH 1212

481 Lakeshore Pkwy
Rock Hill, SC 29730-4205
(803) 985-1128 - www.hartmanninfo.com

At HARTMANN, we leverage our expertise and understanding of the sports medicine environment to support certified athletic trainers through a high-performance range of tapes, bandages and wound management product solutions that perform on and off the field, practice after practice, game after game. Whether it's Deluxe® LF and Medi-Rip® compression bandages, or our classic elastic tapes Pro's Choice® and AC-tape®, all our products offer Maximum Performance for Maximum Value.

HATFIELD STRAP: BOOTH 1538

CM Corporate Member
1400 Village Square Blvd, Suite 3-244
Tallahassee, FL 32312
(850) 688-6618 - www.hatfieldstrap.com

The Hatfield Strap debuted at last years NATA convention the

same day production started for this product. This company produces two variations of one product that provides a more effective stretch of the foot, calf, and hamstring.

HAWAIIAN MOON: BOOTH 225

321 S. Missouri Ave
Clearwater, FL 33756
(727) 459-0323

Hawaiian Moon Aloe is 100% natural and safe made with pure Organic Barbados Miller Aloe Vera – your skin will soak it right up! It penetrates the skin 7 layers deep to the basal cell layer, hydrating and healing all the way up. The result is beautiful, soft, healthy skin. Hawaiian Moon is manufactured in a 100% renewable wind energy powered facility. We are proud to provide a natural product that is environmentally and socially responsible.

HAWKGRIPS: BOOTH 1735

1023 Fayette St.
Conshohocken, PA 19428
(484) 351-8050 - www.hawkgrips.com

HawkGrips are superior quality soft-tissue therapy instruments. Our stainless steel instruments glide across the skin to detect and treat soft-tissue injuries. Choose from four different sets or purchase instruments individually. Our list of clients includes teams from the Olympics, NFL, MLB, NBA, NHL, MLS, NCAA, and others. HawkGrips offers simple pricing starting at \$395. We support the NATA. This product is made in the U.S.A. Contact us for a free product demonstration.

HAYZACK SPORTS: BOOTH 1719

1037 McClendon
Corpus Christi, TX 78404
(361) 215-9709

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HELY & WEBER: BOOTH 513

1185 E. Main St
Santa Paula, CA 93061
(800) 654-3241 - www.hely-weber.com

Hely & Weber continues building on its bracing reputation as innovators and solution seekers. At the NATA we are introducing our new Shields II Patellar Brace to dynamically treat patellar pain and mattracking issues to facilitate rehabilitation, and our multiple solutions for ankle stabilization including our XLS Ankle designed for the chronic ankle sprain patient.

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CM Corporate Member
135 Duryea Road
Melville, NY 11747-3834
(631) 390-8211 - www.henryschein.com

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products, fast same day shipping and superior customer service. We can serve all your needs, with a complete line of Sports Medicine and Student Health supplies, equipment and diagnostic instruments.



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Corporate Member

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Norcross, GA 30092-2555

(678) 245-7725 - www.hibiclens.com

Hibiclens is an antimicrobial skin cleanser that can protect your athletes and staff from bacteria, viruses, and fungi that cause skin infections like MRSA. Unlike hand sanitizers, Hibiclens can continue to kill germs for up to 24 hours after use. Stop by booth 847 to get more information on Hibiclens and how to get free educational materials such as posters and hand outs.



HOLOGIC: BOOTH 231

35 Crosby Dr

Bedford, MA 01730-1411

(781) 999-7300 - www.hologic.com

Hologic is a leading developer, manufacturer and supplier of premium diagnostic and medical imaging systems. Hologic's Skeletal Health Solutions presents the next generation of mini C-arm systems, the Fluoroscan® InSight-FD with flat detector technology. Its exclusive rotating detector and collimator tailor the exam to specific patients, combining tremendous maneuverability, ultra-fine low-dose fluoroscopy images, and automated adjustments that deliver superb, high resolution images.

HOT DOT INC.: BOOTH 551

PO Box 57227

Lincoln, NE 68505

(402) 489-8211 - www.hotdotalert.com

Hot Dot Alert Patch is a unique product and is the only product of its kind in the marketplace. The Patch allows for real-time monitoring of the user's body temperature changes allowing for peak performance and providing maximum awareness. This device can help alert users to quickly take action when there is a potential risk of heat related illness. Extensive research has been done to identify uses for the product in both the retail and wholesale markets. Hot Dot will continue to look for ways to be innovative with the

HUMAN KINETICS: BOOTH 920

1607 N Market St

Champaign, IL 61820-2220

(800) 747-4457 - www.humankinetics.com

The information leader in physical activity and health, providing quality resources at every instructional level including textbooks, e-books, DVDs, online courses, software, and journals.

HUMAN SOLUTIONS OF NORTH AMERICA, INC.: BOOTH 313

1857 Evans Rd

Cary, NC 27513

(919) 741-6130 - www.human-solutions.com

It's time to put the tape measure away. Body scanning by Human Solutions offers the most accurate method of 3D measurement. Up to 150 automatic body measurements in just seconds. Body scanning does not only save time and records the body shape in 3D, it also provides a consistent method of measurement and absolute precision. Analyzing body shapes in digital form, recording athlete's developments, talent scouting and recovery tracking are just a few of the possible applications.



HYDROWORX: BOOTH 1131

Corporate Member

1420 Stoneridge Drive

Middletown, PA 17057-5976

(717) 902-1923 - www.hydroworx.com

At HydroWorx, we provide superior design and performance in our aquatic therapy pools. Each of our pools- the HydroWorx 3500, 2000, 1200, 750, 500, InstaFit, ThermalPlunge and PolarPlunge- offer innovative and unique features never before integrated into therapy pools, including adjustable floors, underwater treadmill, resistance jets, massage capabilities and more. Options can be added for complete customization to fit every application and budget.

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Corporate Member

Dr. Carlos Burgos Ave #2800

Amparo, SP 13901080 - Brazil

55 19 26179633 - www.ibramed.com.br

IBRAMED, established in 1994, is a 100% Brazilian company which produces electromedical equipment for physical rehabilitation, esthetics and esthetic medicine such as: electro stimulators, ultrasound, laser, vacuum and endermotherapy, ozone steam, short waves and radiofrequency. We have been recognized for the advanced technology used to produce our equipment, quality, attractive prices and a 24 month warranty. We are FDA certified in the United States.

ICE 20: BOOTH 547

4690 Calle Quetzal

Camarillo, CA 93012

(805) 857-4172 - www.ice20.com

ICE20 Ice Wraps are made with a neoprene wrap that provides firm, consistent pressure to hold our cotton/polyester no leak ice bags in place, to provide mobility, compression, and stability during treatment, to relieve muscle soreness and joint pain. All our products utilize real ice that won't get you wet, and won't burn you when applied directly on your skin.

ICON MEDICAL: BOOTH 1118, 1119

Corporate Member

P.O. Box 2407

Matthews, NC 28106

(704) 814-4629 - www.iconmedical.biz

Icon Medical is a manufacturer's rep firm truly focused on the sports medicine and physical therapy industries representing several outstanding manufacturers and their superior products and equipment. There's no other company like Icon Medical.



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CM IMPACT APPLICATIONS: BOOTH 1218

Corporate Member
2000 Technology Drive, Ste. 150
Pittsburgh, PA 15219-3138
(877) 646-7991 - www.impacttest.com
ImPACT (Immediate Post-Concussion Assessment and Cognitive Testing) is the most-widely used and most scientifically validated computerized concussion evaluation system. ImPACT provides trained clinicians with neurocognitive assessment tools and services as part of determining safe return to play decisions. The ImPACT Trained Athletic Trainer (ITAT) program offers advanced, cutting-edge training in concussion management.

CM IMPACT ATHLETIC, LLC: BOOTH 413

Corporate Member
241 East Michigan Ave.
Kalamazoo, MI 49007
(269) 978-3500 - www.impact-athletic.com
We build quality work surfaces and storage equipment for Athletic Trainers. We work hard to understand your current frustrations and exist to provide solutions that you value. We strive to provide you with unparalleled equipment that can help you perform at your full potential. So get off the banquet tables and upgrade to the professional quality you deserve

INDIANA WESLEYAN UNIVERSITY: BOOTH 335

1900 West 50th St.
Marion, IN 46953
(765) 677-6530 - www.indwes.edu
The MS in Athletic Training-Post Professional is offered by the School of Health Sciences at Indiana Wesleyan University. The degree program is designed to be completed in 11 months. It is primarily delivered online, but with clinical placements in a single two-week, on campus intensive instruction session in gross anatomy and emergency medical procedures. IWU is a Christ-centered academic community committed to changing the world by developing students in character, scholarship and leadership.

INFINITEALOE: BOOTH 400

4870 Fountain Ave
Los Angeles, CA 90029
(323) 906-2880 - www.infinitealoe.com
InfiniteAloe is an organic native grown Hawaiian Aloe. With more than 300 different Aloe plants you can bet we use the very best Aloe which is used in burn centers around the world. Our skin care line is rich in organic ingredients while leaving out the mineral oil, lanolin, parabens, nuts and propylene glycol. Our Infinite Aloe Skin care cream penetrates through all layers of your skin without a greasy feeling and it DOESN'T WASH OFF like other leading brands! You can be sure our first ingredient is Aloe.

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Hickory, NC 28602
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The Tendon Trak, created by Innovative Bracing, LLC, is the premier device used in the treatment of tendonitis about the elbow, knee and Achilles tendons. The patented method allows for a more efficient contraction by positively altering the length-tension ratio, decreasing the stress placed on the musculotendinous components and structures responsible for pain. Ideal for Lateral and Medical epicondylitis, Patellar and Achilles tendonitis, Osgood Schlatter's and Sever's Diseases. Made in the USA!

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AT EXPO



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Jaybird & Mais is a privately owned and operated manufacturing company since 1985, located in Lawrence, MA. The company remains focused on its rigid and stretch adhesive coated tape products. Jaybird operates a complete adhesive coating and converting business to meet client requirements worldwide. Jaybird currently exports to over 75 countries, specializing in quality products for certified athletic trainers and physiotherapists. The firm has been ISO 9001:2008 certified by BVQI since January 1997. Please stop by booth #821 to sample our USA made quality adhesive tapes!

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Jones & Bartlett Learning is a world-leading provider of instructional, assessment, and learning-performance management solutions for the secondary education, post-secondary education, and professional markets. Our educational programs and services improve learning outcomes and enhance student achievement by combining authoritative content with innovative, proven, and engaging technology applications. facebook.com/jonesbartlettlearning - twitter.com/JBLEarning - linkedin.com/company/jones-&-bartlett-learning

K & K INSURANCE GROUP: BOOTH 1114

1712 Magnavox Way
Fort Wayne, IN 46804-1557
(260) 459-5143 - www.kandkinsurance.com

K&K Insurance has provided specialty insurance coverages to the intercollegiate industry for more than 25 years. We are the leader in athletic insurance services, providing coverage to universities and affiliated organizations throughout the United States. We issue policies, pay claims, provide loss control and risk management decisions.

KAPPA OMICRON NU: BOOTH 652

4990 Northwind Dr Ste 140
East Lansing, MI 48823-5031
(517) 351-8335 - www.kon.org

Kappa Omicron Nu is the leading honor society for students in colleges and universities that offer human sciences programs of study. Chapter members are undergrad and grad students who major in one of the specializations and meet the high standards of scholarship in human sciences. Among the specializations are food science and human nutrition, athletic training, exercise science, and kinesiology. The mission of Kappa Omicron Nu is empowered leaders who use an integrative approach to enhance quality of living through excellence in scholarship, leadership, and research.

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(800) 888-7009 - www.keiser.com

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Albuquerque, NM 87110-1359
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KINETIC INNOVATIONS: BOOTH 552

PO Box 8704
Omaha, NE 68108-0704
(402) 734-2535 - www.kineticinnovations.com

Kinetic Innovations is a premier designer and manufacturer of sports medicine braces that significantly enhance an athlete's rehabilitation process following surgery or injury. Kinetic Innovations' KDL and now KDLX Shoulder Braces continue to be leaders in the field of shoulder bracing technology. We are always on top of the latest sports medicine technology and trends, and are consistently evolving our braces to meet the needs of today's athletes. All of our braces are designed by Athletic Trainers for Athletic Trainers. ATC loyalty.

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(866) 595-7749 - www.k-laserusa.com

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(800) 556-3668 - www.klmlabs.com

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(860) 486-0265 - ksi.uconn.edu

The Korey Stringer Institute (KSI) is named after Korey Stringer, a Minnesota Vikings offensive lineman, who died from exertional heat stroke during pre-season practice in 2001. KSI is a non-profit organization housed within the University of Connecticut's Kinesiology department. The mission of KSI is to provide first-rate information, resources, assistance, and advocacy for the promotion of prevention of sudden death in sport via health and safety initiatives. KSI's goal is to serve the needs of active individuals and athletes at all levels and those who care for these individuals.

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LASERTOUCHE ONE: BOOTH 659

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(302) 709-0408 - www.lightforcelasers.com

LightForce™ Therapy Lasers by LiteCure® Medical are the most advanced deep tissue therapy lasers available. Committed to innovation, education and science, LiteCure Medical is constantly conducting scientific studies to provide evidence to win clinical successes. Get your patients back in action with the therapeutic power of LightForce EX and LightForce PRO Deep Tissue Therapy Lasers. Feel the difference with LightForce Therapy Lasers. Drug-Free, Surgery-Free, Pain Relief.

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Magister Corporation is the manufacturer of REP Band® latex-free exercise bands and tubing and the Eggscizer® hand exercisers. We are also the Master Distributor for Airex® products and Acuforce® Trigger Point Therapy Tools. Come try the Acuforce 7.0. A must for all athletic training facilities.

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1101 Research Blvd
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(314) 942-1177 - www.markwort.com

Markwort Sporting Goods Company is a third generation family owned manufacturer/distributor of sporting goods equipment and accessories, with office and warehouse space in St. Louis, MO. Markwort sells all the traditional best-selling protective equipment, training accessories, baseballs, softballs, gloves and mitts, protective equipment, and batter's gloves.



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Corporate Member

10305 Argonne Dr
Woodridge, IL 60517-4909
(630) 783-0600 - www.mcdauidusa.com

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MCKESSON: BOOTH 1748

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(800) 414-9031 - www.medicalbags.com

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Mercer Consumer, a service of Mercer Health & Benefits Administration LLC is proud to be the exclusive Insurance Administrator for the National Athletic Trainers Association. As your insurance partner since 1986 Mercer Consumer understands the unique needs of the Athletic Trainer. Working with NATA we deliver customized plans, including Athletic Trainers Professional Liability, Disability and Life insurance specifically geared to your practices, allowing you the freedom to pursue your profession confident your interest and income is not at risk.

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(517) 272-1940 - www.miotech.net

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(303) 222-0280 - www.musclesound.com

Utilizing standard ultrasound technology, MuscleSound® measures glycogen at the core source of athletic performance — the muscle. The patented MuscleSound® software and

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MUSCLETRAC TECHNOLOGIES: BOOTH 519

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(800) 313-2143 - www.muscletrac.com

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NATIONAL ASSOCIATION OF ORTHOPAEDIC TECHNOLOGISTS: BOOTH 749

8365 Keystone Crossing, Ste 107
Indianapolis, IN 46240-2685
(317) 205-9484 - www.naot.org

Established in 1982, the National Association of Orthopaedic Technologists (NAOT) is dedicated to the continued educational development of orthopaedic allied health care professionals who specialize in casting, splinting and bracing. The Orthopaedic Technologist is a specialized physician extender who is an expert in casting and splinting immobilization techniques. Orthopaedic Technologists work under the direct supervision of the orthopaedic surgeon to manage the care of the orthopaedic patient in the clinic and sometimes perform as first assistant in the operating suite.

NATIONAL BOARD FOR CERTIFICATION OF ORTHOPEDIC BRACE TECHNOLOGISTS: BOOTH 1343

PO Box 7440
Seminole, FL 33775
(727) 394-1700 - www.nbcobt.org

Supports college AT programs in Orthopedic skills training in Casting and Bracing

Provides competency exam in Orthopedic Technology & Bracing

NATIONAL STRENGTH & CONDITIONING ASSOCIATION: BOOTH 1344

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Colorado Springs, CO 80906-4000
(719) 632-6722 - www.nasca.com

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Seattle, WA 98108
(800) 767-6744 - www.onbalance.com and www.natus.com
Natus' NeuroCom Balance Manager Solutions remains the gold standard in Concussion Management with industry leading balance technology. Research suggests each clinical assessment measure, when delivered separately possesses 45-80% sensitivity, when delivered together sensitivity is greater than 90%. We offer a wide range of balance products from entry-level forceplates, to high-end dynamic systems from clinical to research, meeting everyone's needs. Ensure balance is part of your test battery with reliable/valid "evidence based" technology!

NECKX, LLC.: BOOTH 222

PO Box 12382
Aspen, CO 81612
(970) 236-6259 - www.neckxsystems.com
The NeckX® is a light weight portable device designed to increase neck strength, flexibility, range of motion and endurance. The patented design of combining a cap with exercise bands, allows the individual user to control the amount of pressure exerted upon the neck musculature. The NeckX® can be used to conduct Flexion, Extension, Side Bend, Rotational, and Diagonal exercises.

NEPTUNE-BENSON: BOOTH 1345

6 Jefferson Drive
Coventry, RI 02816
(401) 821-2200 - www.neptunebenson.com
About Neptune-Benson:

Since 1956, Neptune-Benson has been synonymous with water filtration serving the aquatics, industrial and municipal markets. Featuring award-winning brands such as the Defender® regenerative media filter and the ETS-UV ultraviolet disinfection system; Neptune-Benson also offers Legacy® sand filters, the AEGIS® anti-entrapment shield, moveable bulkheads, Dominion™ butterfly valves, Guardian™ strainers, greendrive™ VFD systems, as well as all Lawson Aquatics accessory products. Purity Unrivaled.

NEURO RESOURCE GROUP: BOOTH 1623

1100 Jupiter Rd Ste 190
Plano, TX 75074-7041
(972) 665-1810 - www.nrg-unlimited.com
Neuro Resource Group (NRG) specializes in the development, design and manufacture of innovative medical products for injury management, rehabilitation and pain management.
Our InterX Sport devices are designed specifically for sports medicine professionals and provide highly effective, non-invasive, non-drug pain relief allowing for improved range of motion and injury rehabilitation with very simple treatment applications. Stop by booth 1623 and see how our innovative technology can assist you.

NEUROTECH: BOOTH 501

12400 Whitewater Drive #2010
Minneapolis, MN 55343
(952) 500-3351 - www.neurotech.us
We work closely with health care professionals and patients to design and develop medical devices such as the Kneehab XP® for neuromuscular electrical stimulation (NMES), muscle rehabilitation, and strengthening. We are proud that our products make it possible for hundreds of thousands of people around the world to lead more active lifestyles. Our focus is your health and wellness. Through extensive research and clinical trials, we are committed to developing innovative medical solutions.


NEW OPTION SPORTS: BOOTH 450

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Dallas, TX 75229-4615
(214) 638-6422 - www.newoptionssports.com
New Options Sports (NOS) has been making orthopedic braces and supports since 1976. Our owner, John Scott began Sports Supports before founding NOS in 1994. From pediatric to oversized customs, New Option's goal is to fit every patient and athlete with quality, American-made braces.

NORAXON USA, INC.: BOOTH 509

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Scottsdale, AZ 85260
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 **Corporate Member**
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Newton Center, MA 02459-2066
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NORTH COAST MEDICAL: BOOTH 250

8100 Camino Arroyo
Gilroy, CA 95020
800-821-9319 - www.ncmedical.com
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NUTRAMAX LABORATORIES, INC.: BOOTH 419

2208 Lakeside Blvd.
Edgewood, MD 21040
(800) 925-5187 - www.nutramaxlabs.com
Nutramax Laboratories Consumer Care, Inc. researches, develops, manufactures and markets products that improve the quality of life for people and their pets. Cosamin® Joint Health Supplement is the #1 Researched Glucosamine/Chondroitin Sulfate Brand.

NUTRITION DIMENSION.COM: BOOTH 506

1721 Moon Lake Blvd
Hoffman Estates, IL 60169
(847) 781-2111
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ONE BEAT CPR + AED: BOOTH 1347

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Fort Lauderdale, FL 33314
(954) 321-5305 - onebeatcpr.com
One Beat CPR + AED is one of the largest distributors of defibrillators and accessories in the United States. As an exclusive Philips Healthcare partner, we can give you direct access to the best prices in the industry. One Beat CPR + AED offers an expansive line of AED products and accessories. Let our experienced sales team help you select the defibrillator products and services that best suit your needs.

OPTP: BOOTH 1112

3800 Annapolis Ln N Ste 165
Minneapolis, MN 55447-5445
(800) 367-7393 - www.optp.com
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ORFIT INDUSTRIES AMERICA: BOOTH 1537

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(480) 503-8010 - www.orthoscan.com
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OSSUR AMERICAS: BOOTH 921

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Santa Ana, CA 92707
(714) 540-5595

OTTOBOCK: BOOTH 614

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Tempe, AZ 85282
(763) 489-5110 - ottobock.com
Ottobock is a world leader in innovative, quality health care products. Ottobock combines proven experience with modern technology to create products in the areas of prosthetics, orthotics, and rehabilitation.



OXY HEALTH LLC: BOOTH 858

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Santa Fe Springs, CA 90670
(562) 906-8888 - www.oxyhealth.com

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More physicians trust our chambers to enhance recovery from traumatic brain injury, soft tissue inflammation, sports-related training and surgery, in addition to promoting peak athletic performance and general health.

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(973) 276-9500 - www.parklabs.com

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Little Rock, AR 72221-2294
(501) 837-1600 - activtek.net/pccinc

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CM PEARSON - CONCUSSION VITAL SIGNS: BOOTH 1604

Corporate Member
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San Antonio, TX 78259 3707
(888) 750-6941 - www.concussionvitalsigns.com

Concussion Vital Signs®, designed for student athletes, aligns to current sports concussion management guidelines. This scientifically based system enables confident return-to-play decisions for coaches and clinicians.

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3230 50th Ave North
Saint Petersburg, FL 33714
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THE ROPE Pitch and Throw Trainer™ by Perfect Pitch & Throw, Inc. of St. Petersburg, FL has been designed for both baseball and softball to improve throwing confidence, velocity and accuracy while reducing fatigue and injury resulting from improper throwing mechanics. The combination of tactile, auditory and physical feedback allows players to adjust their pitching and throwing techniques as they train to prevent development of bad habits that, ultimately, result in fatigue and/or injury.

CM PERFORM BETTER: BOOTH 825

Corporate Member
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800-556-7464x115 - www.performbetter.com
Perform Better continues to be your guide to functional training, conditioning, rehabilitation, and fitness. We strive to provide the very best in Education, Equipment and Customer Service. You will find our product catalog to include the tools to improve strength, speed, agility and the total body health and performance of your clients.

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PHYSIOTEC: BOOTH 406

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Video Exercise Software. We help Athletic therapists communicate the exercise programs to their athletes and clients.

PLH PRODUCTS, INC.: BOOTH 403

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Stow, OH 44224
(330) 253-9973 - www.polarproducts.com
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CM Corporate Member
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Houston, TX 77005
(713) 817-4460 - www.portabletherapeutix.com
Portable Therapeutix is a manufacturer of innovative user friendly medical grade devices. Our first product, Squid, is an active compression system for recovery. This small portable system uses active sequential cold compression to deliver a deep long lasting cold and direct swelling away from the athlete's extremities.

POSITIONAL RELEASE THERAPY INSTITUTE (PRT-I): BOOTH 1543

5688 Harrison Blvd
Ogden, UT 84403
(801) 782-3708
The Positional Release Therapy Institute provides instruction in positional release therapy for clinics, corporate, educational institutions and professional associations. Basic and advanced courses are available and two forms of certification: Positional Release Therapist (PRT-c™) and certified Positional Release Therapy Educator (PRT-e™).

POSTUREMEDIC: BOOTH 1643

40 Viceroy Rd
Concord, ON L4K 2L8
Canada
(800) 461-0100 - www.postureperfector.com
The Posture Medic is a postural retraining tool focused on the correction of protraction in the shoulder girdle. The Posture Medic is first used as a function-specific resistance training tool within a pre-defined stretching and strengthening protocol, and then worn post-exercise as a dynamic, non-restrictive, neurological retraining device.

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(954) 418-4530 - www.powerbreezer.com
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CM POWER SYSTEMS: BOOTH 218

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Knoxville, TN 37909
(865) 769-8223 - www.powersystems.com
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CM POWERING ATHLETICS: BOOTH 341

Corporate Member

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Fort Wayne, IN 46809
(260) 672-1700 - www.poweringathletics.com

Powering Athletics, a leading innovator for the past decade, has brought many new and innovative products to the sports performance and physical medicine industries. Their Brand is recognized for quality, strength, and functionality. The company's products are used worldwide by athletes at all levels, from youth to professionals, on playing fields and athletic training facilities around the globe.

CM POWERPLAY: BOOTH 402

Corporate Member

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We provide injury research services for individual sport teams, schools, leagues, conferences, and government bodies. Our customers extend to industrial settings, too. We provide injury tracking software to high school, collegiate, and league sport organizations.

CM PRESAGIA: BOOTH 507

Corporate Member

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Montreal, QC H3C 1H9 - Canada
(514) 847-7474 - www.presagiasports.com

Presagia Sports is a secure web-based and mobile-accessible multi-sport Athlete Electronic Health Record (EHR) and concussion assessment system that centralizes athlete health data including injuries and illnesses, treatments, surgeries, and medications. It also provides real-time reporting and communication tools to connect the medical team in support of collaborative healthcare.

PREVENTAMED TECHNOLOGIES: BOOTH 319

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Corporate Member

330 W Spring St, Suite 250
Columbus, OH 43215
(855) 977-4848 - priv-it.com

Focusing on the health and safety of athletes, PrivIT transformed the paper based Pre-Participation Evaluation (PPE) process. Our e-PPE solution offers a comprehensive and interactive personal health history questionnaire that streamlines the PPE process in a secure online environment. Developed by sports medicine experts for athletic trainers and physicians, PrivIT e-PPE helps identify health risk symptoms for athletes prior to their participation in sports.

PrivIT understands the importance of screening athletes before they are cleared to participate in sport activities.

PRO ORTHOPEDIC: BOOTH 900

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Tucson, AZ 85706-4539
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PROSERIES LLC: BOOTH 355

3400 Airport Ave Bldg E
Santa Monica, CA 90405
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Corporate Member

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Corporate Member

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Redmond, WA 98052
(425) 497-0887 - www.pro-tecathletics.com

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PULSED ENERGY TECHNOLOGIES, LLC: BOOTH 224

12132 Sherman Way
North Hollywood, CA 91605
(818) 982-2021 - www.pulsedenergytech.com

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(317) 506-7643 - www.purathlete.com

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Web based athletic department software. A complete athlete management solution designed by athletic trainers from across the country. Contact us at: info@rankonesport.com for a demo today or call 1-888-544-3637



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Corporate Member

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Natural Muscle Recovery Drinks that utilize the benefits of Tart Cherry Juice and Whey Protein Isolate. Rapid Red is 100% Tart Cherry Juice and helps decrease muscle inflammation, pain and fatigue. Red Whey is Tart Cherry Juice with 12g of Whey Protein, providing the anti inflammatory benefits while also promoting muscle development.

RAPIDFORCE: BOOTH 423

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Delafield, WI 53018-0380
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6732 W. Coalmine Ave
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(303) 808-9784 - www.therecoveryzone.com

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Glen Mills, PA 19342

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San Luis Obispo, CA 93401

(888) 483-5017 - www.redzonemed.com

RedZone Medical, an affiliate of MedAssets, is the first healthcare group purchasing organization (GPO) offered to pro sports organizations, NCAA colleges/universities & high schools. This program is free with no purchasing requirements; it is identical to those used by all hospitals in the USA. This free program provides deep discounts on supplies, modalities, capital equipment, pharmaceuticals and vaccines, office supplies, computers, commercial fitness equipment, flooring, office furniture and building materials. This program will save your program money.

RICA SURGICAL PRODUCTS, INC.: BOOTH 1605

Corporate Member

9207 Ivanhoe St
Schiller Park, IL 60176

(847) 671-5600 - www.niceicecryoroller.com

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Corporate Member

4120 S Creek Rd

Chattanooga, TN 37406-1021

(423) 648-7730x213 - www.richmarweb.com

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RIDDELL: BOOTH 609

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Rosemont, IL 60018-4704

(224) 585-5200 - www.riddell.com

Riddell is a premier designer and developer of protective sports equipment and a recognized leader in helmet technology and innovation. One of Easton-Bell Sports Inc.'s most well-known brands and the Official Helmet of the NFL®, Riddell is the leading manufacturer of football helmets, shoulder pads and reconditioning services. For more information, visit our website at www.riddell.com.

THE RIGHT STUFF: BOOTH 241

6525 Gunpark Drive

Boulder, CO 80301

(720) 684-6584 - www.TheRightStuff-USA.com

The Right Stuff® is a NASA-developed zero carb, electrolyte drink additive for before, during and after athletic activities. Already adopted for training/game day by high schools, colleges and pro athletes and teams as well as Olympic athletes.

NASA-published studies show it is far superior for: fighting dehydration symptoms; cramps, muscle fatigue, light-headedness, headaches, etc. Not just another sports drink; it is Serious Hydration for Serious Athletes™ Stop by our booth to sign up to receive samples for testing with your athletes.

ROCKTAPE: BOOTH 741

1610 Dell Ave

Campbell, CA 95008

(408) 213-9550 - www.rocktape.com

Stronger, stretchier and stickier- Rocktape helps your athletes "go stronger, longer" using hi-tech textiles, aerospace adhesives and taping applications based on improving movement. Kinesiology tape and training - redefined. Check out the fastest growing kinesiology taping company in the world.



AT Expo Exhibitors

ROCKY MOUNTAIN UNIVERSITY OF HEALTH PROFESSIONS: BOOTH 511

561 E 1860 South
Provo, UT 84606-7312
(801) 375-5125 - www.rmuohp.edu

The mission of Rocky Mountain University of Health Professions is to educate current and future healthcare professionals for outcomes-oriented, evidence-based practice. The University demonstrates mission fulfillment through the quality of its education and success of its students in academic programs that develop leaders skilled in clinical inquiry and prepared to effect healthcare change.

RUSSELL ATHLETIC: BOOTH 1346

1 Fruit of the Loom Dr.
Bowling Green, KY 42102
(270) 781-6400 - www.russellathletic.com

Russell Brands, LLC is a Fruit of the Loom company headquartered in Bowling Green, Kentucky. For more than 100 years, Russell Athletic® has supplied America's athletes and teams with the latest innovations in sports apparel. Russell Athletic® is also a leading supplier of team uniforms at the high school, college and professional level. Russell Athletic® active wear and college licensed products are distributed and marketed through department stores, sports specialty stores, retail chains and college bookstores around the country.

SAGE: BOOTH 701

2455 Teller Rd
Thousand Oaks, CA 91320-2234
(805) 499-0721 - www.sagepub.com

SAGE is a leading international publisher of journals, books, and digital media for academic, educational, and professional markets. Since 1965, SAGE has helped educate a global community spanning a wide range of subject areas including business, humanities, social sciences, and science, technology, and medicine. Visit us at www.sagepub.com.

SAM MEDICAL PRODUCTS: BOOTH 805

PO Box 3270
Tualatin, OR 97062-3270
(800) 818-4726 - www.sammedical.com

SAM Medical Products is committed to bringing innovative solutions to market. Our SAM Splint is the gold standard in flexible splinting products. The SAM Soft Shell Splint is a lightweight alternative to rigid splints designed for patient comfort. Blist-O-Ban addresses the very cause of blisters: friction and shear forces on the skin. Find out more at www.sammedical.com

SANCTUARY HEALTH SDN BHD: BOOTH 1444

16, Persiaran Perindustrian Kanthan 1
Chemor, Perak 31200 - Malaysia
+60 - 5 - 201 - 2800 - www.sanctband.com

Sanctuary Health is a Malaysian-incorporated company founded in 2002. Our core focus is the manufacture of rubber-based resistance training products under the Sanctband label, and dental dam under the Sanctuary name, both of which are our own brands. Located in the heart of natural rubber supply, we are strategically positioned with direct access to natural rubber, giving us a competitive edge which enables us to produce cost effective and superior quality products.

CM SCHNEIDER ELECTRIC: BOOTH 703

Corporate Member
9110 W Dodge Rd
Omaha, NE 68114-3346
(402) 399-6465 - www.schneider-electric.com

Schneider Electric's top-rated weather intelligence is relied on by hundreds of teams at the professional, collegiate, and high school level to keep athletes safe from severe weather conditions. Our industry-leading lightning safety solution includes real-time strike information, alerts for your exact location, plus an all-clear alert, letting you know when it's safe to return to the field. To help your player's better avoid heat stress, Schneider Electric is the only provider of wet bulb temperature forecasts and alerts. Weather stations are also available, giving you a pinpointed forecast for your field.

SCHUTT SPORTS: BOOTH 1507

710 S. Industrial Drive
Litchfield, IL 62056-1795
(217) 324-2712 - www.schuttsports.com

The world's leading maker of football helmets and faceguards, Schutt Sports is the only major helmet maker to advance beyond traditional foam padding in his helmets. Our TPU Cushioning - now in its 4th generation - absorbs more impact across a wider variety of temperatures than any other padding system on the field.

SCR SPORTS INC.: BOOTH 233

620 S. 3rd St., Ste 205
Louisville, KY 40202
(502) 523-0378 - www.aquilosports.com

SCR Sports is not simply another athletic clothing company. Our products are firmly grounded in science. The team behind Aquilo has been developing cutting-edge cardiovascular and medical devices for the past decade; we bring the mastery of scientific research and development to athletic gear. Our vision is to harness the knowledge and solid technical background of our team to create superior sports products, giving athletes a true competitive edge. Train with Aquilo - where Science Meets Sport.

AT EXPO



SG HELMETS: BOOTH 447

1650 E. Northfield Dr
Brownsburg, IN 46112
(813) 727-9376 - www.sghelmets.com

Created by Bill Simpson who spent most of his professional life around race cars, first as a driver and later as a safety advocate who famously popularized fire-resistant race suits. He didn't attend his first NFL game until 2010, when he was 70 years old, and was stunned to see an Indianapolis Colts player carted off with a head injury. Simpson set out to design, build and market a helmet in which technology zeroed in on concussions as much as previous models had focused on skull fractures. The result is a helmet so fundamentally different – half the weight, twice the protection.

SHOCK DOCTOR SPORTS: BOOTH 838

110 Cheshire Lane, Suite 120
Minnetonka, MN 55305
(952) 767-2300 - www.shockdoctor.com

Protect your machine from head-to-toe with Shock Doctor. The number one mouthguard company in the world offers several options including All Purpose, Braces and Specialty Sports. The Protective Apparel line includes: cups, supports, compression shorts, shirts as well as accessories. The Insole line provides support for every athlete with eight styles to choose from. The PST (Performance Sports Therapy) line offers seven styles of tape as well as sleeves, supports, wraps, braces and ice providing protection and recovery for knees, ankles, wrist, back, shoulders and more.

SHOCKBOX: BOOTH 336

275 Michael Cowpland Drive
Kanata, ON K2M 2G2 - Canada
(613) 698-8752 - www.thesockbox.com

Shockbox is a research based wireless head impact alert sensor for contact sports. The sensor connects over 125 low cost sensors to a regular smartphone App, and sends live impact alerts when a player receives an impact over a set threshold. Shockbox has been research tested under ethics approval in youth football, youth hockey and university hockey in US and Canada. Certified Athletic Trainers across the country use Shockbox to gather data on player head impacts and to provide additional notifications when to conduct a sideline assessment for concussion.

SHOWERPILL: BOOTH 1639

1261 McDonald Dr.
Pinole, CA 94564
(310) 749-6314 - www.showerpill.com

The ShowerPill concept was conceived in the locker room and developed by three former UC Berkeley football players that needed a convenient personal hygiene supplement when they didn't have the time for or access to a shower. The ShowerPill offers these athletes and all active people the opportunity to be fresh and clean with antibacterial benefits regardless of the situation. ShowerPill is truly an extension of the athletic community, and it gives back every way it can. For every unit sold, a portion goes back to educating, empowering, and employing student athletes nationwide.

SHUTTLE SYSTEMS: BOOTH 1506

10005 Mt. Baker Hwy.
Glacier, WA 98244
(800) 334-5633 - www.shuttlesystems.com

Gary Graham patented a horizontal rebounding exercise device after years of research and development within a team of bioscientists preparing astronauts' cardiovascular system for long exposure to the zero gravity environment of space. The new Shuttle Recovery is a rehab machine that provides resistance as low as 12½ pounds up to 200 pounds at full extension. You can treat kids to seniors, post-op patients to high school athletes. You can also change the elasticcord load while the patient remains on the Recovery – you don't have to get the patient off and on to progress their treatment.

SIDAS: BOOTH 1740

3-3531 Viking Way
Richmond, BC V6V 1W1 - Canada
(435) 729-0279 - www.sidas.com

At SIDAS, our mission is to offer comfort and performance for each foot, for each sport and each day. We design, develop and manufacture technologies and solutions adapted to all feet, all sports and for general wear. Satisfying patients, athletes and the general public comes from a combination of care, comfort and well-being. Sidas' mission is to contribute to this goal alongside foot specialists.

SILIPOS: BOOTH 1703

7049 Williams Road
Niagara Falls, NY 14304
(716) 283-0700 - www.silipos.com

Silipos is the gel leader in skin protection for the athlete. Our unique formulation protects from friction and shearing and prevents helps blister formation. The gel properties perform excellent with shock absorption and disbursement of pressure which allows for comfortable performance on the field. Our products are made in the U.S. to high standards. Don't accept imported imitations.

SLACK INCORPORATED: BOOTH 314

6900 Grove Rd
Thorofare, NJ 08086-9447
(856) 848-1000 - www.healio.com/books/at

SLACK Incorporated is pleased to be a supporter of the athletic training profession with our educational products for students, faculty, and clinicians. Visit our booth today to see what is new and best-selling.

SMART TOOLS PLUS, LLC: BOOTH 1717

20636 Castlemain Circle
Strongsville, OH 44149
(440) 320-4430 - www.smarttoolsplus.com

The SMART Tools were developed to assist in the treatment of adhesions and scarring from surgeries and various injuries. Our engineered double edge, applied through the use of precision machining, creates an unrivaled contact with the skin to create the desired controlled inflammatory process.



AT Expo Exhibitors

SOUTHERN SPORT, INC.: BOOTH 457

7095 Hacks Cross #134
Olive Branch, MS 38654
(512) 799-2725 - www.thedebrisinhibitor.com

Southern Sport, Inc.® is the creator of the original The Debris Inhibitor®, The Debris Inhibitor® RAZUR and Multi-Purpose sport spats, and Southern Sport arm sleeves and athletic socks. Our products are available in solid colors or with sublimated designs/logos. The Southern Sport® mission is to improve athletic performance by protecting athletes, allowing them to look and feel better with technically advanced products engineered with our superior fabric construction, patented design and proven innovation.

SPECIAL PROTECTORS CO., LTD: BOOTH 1640

2FL, No.130, Shin Hu 3rd Road
Nei Hu District, Taipei 11494 - Taiwan
886227921812 - www.sp-supports.com

Special Protectors Co., Ltd provide comprehensive range of sports & orthopedic supports, medical brace, hinged style brace and foot care series since 1985. We continuing focus on functional material using, like multi ceramic, CoolMax & Airprene, Nano Bamboo Charcoal and Nano Flextra. To offer high quality and value-added products to our consumer. The EN ISO 13485 : 2003 system & EN ISO 9001: 2008 certificate approved.

SPECIALTY INSURANCE SOLUTIONS: BOOTH 1540

11875 S. Ridgeview Rd
Olathe, KS 66061
(877) 974-7462, x101 - www.sis-inc.biz

Intercollegiate sports accident insurance consultants that intermingle risk management, product development and value-added services to design an all-inclusive program for college and university athletic programs. We provide meaningful consulting services in order to achieve long-term success. Philosophically we believe each and every college and university is unique and should be serviced as such. The true measure of our company's service is not realized by what products we can sell an institution but more what our consulting capabilities can help an institution achieve.

SPECTRA254: BOOTH 759

3 Corporate Dr
Danbury, CT 06810
(206) 796-5315 - www.spectra254.com

The Spectra254 products are mobile room sanitizers designed to prevent acquired infections such as MRSA and CDiff. The Spectra series uses high-output UVC bulbs to eliminate pathogens on surfaces and decontaminates the air at a rate of 250 cubic feet per minute. The UVC output is so high that in five minutes at fifteen feet, the Spectra254 products will kill 99.987% of Clostridium difficile spores. All Spectra systems are manufactured and assembled in an ISO 9000 facility in Connecticut in the USA.

SPENCO MEDICAL: BOOTH 515

6301 Imperial Dr
Waco, TX 76712-6801
(254) 772-6000 - www.spenco.com

For over 45 years you've known Spenco for excellent quality and terrific service. We have brought you unique products for better health and serviced your needs through well established brands in footcare, footwear, healthcare and sports businesses. Through ongoing research and development, we have designed what we believe to be the absolute best biomechanical platform. Please join us in all the exciting new happenings and keep expecting great things from spenco. We commit to continuous improvement across all our product offerings, putting you and your customers' needs first.

SPORT SAFETY INTERNATIONAL: BOOTH 854

576 Valley Road, Suite 156
Wayne, NJ 07470
(201) 535-4477 - www.SportSafetyInternational.org

Sport Safety International (SSI) is the leader in promoting safe participation in sport and physical activity through education. SSI offers live and online education programs for coaches, parents, athletes, and health care providers. Featured programs include ConcussionWise, CardiacWise, and Heatwise online education, the Sport Safety Risk Management Professional Education Series, Sport Safety Specialist Examination, and the new ConcussionWise Instructor program. SSI also offers solutions for tracking online education.

SPORTPUMP: BOOTH 320

1260 Valley Forge Rd.
Phoenixville, PA 19460
(610) 960-7384 - www.sportpump.com

Advanced compression therapy has long been a proven treatment for serious circulatory disorders. Now compression therapy is also ideal for athletes by delivering faster, fuller muscle recovery. Whether you are treating a minor injury or want to more effectively rejuvenate after exertion, SportPump is perfect for any runner, cyclist, swimmer, etc. looking for that training and performance edge.

CM SPORTS HEALTH: BOOTH 1211

CM Corporate Member
865 Muirfield Drive
Hanover Park, IL 60133
(866) 323-5465 - www.sportshealth.com

Sports Health is a leading provider of sports medicine supplies and equipment to schools, universities, and professional sports teams across America. Our experienced sales team is dedicated to providing you with everything it takes to help your athletes optimize activity and participation.

AT EXPO



SPORTSAFE: BOOTH 1741

821 W. Main St.
Kent, OH 44240

(330) 673-6932 - www.makingsportsafe.com

SportSafe is leader in product development, design, and testing of electronic wearable's designed to make participation in sport safer. SportSafe initial offering is an "Intelligent Mouthguard" which is the first truly accurate head impact dosimeter

SPORTS-O-ZONE - DIVISION OF GLOBAL OZONE INNOVATIONS: BOOTH 723

425 Pine Creek Ct
Elkhart, IN 46516-9089

(574) 536-7881 - www.sportsozone.com

The Sports-O-Zone Sanitizing System has been verified by an Independent Laboratory as effective in Killing Greater Than 99.9% of MRSA, Staph & Candida. It's an overall risk management program against potentially harmful bacteria! Drugs work well when used as directed against bacterial infections, but they don't kill all the bad bugs, and the ones that survive can multiply and spread their drug-resistant genes. The Sports-O-Zone Sanitizing System is to your hard goods; i.e., helmets, shoulder pads, water bottles, mascot uniforms, etc. what a washer & dryer are to your soft goods.

SQWINCHER: BOOTH 340

1409 Hwy. 45 S.
Columbus, MS 39701

(662) 328-0400 - www.sqwincher.com

Since 1975, Sqwincher has been dedicated to PROTECTING THE #1 MACHINE - THE BODY by providing industry with an economical, effective method to reduce the rate of heat stress induced injuries while improving performance and productivity. Sqwincher, hydration that works™

SUMMIT AMERICA INSURANCE SERVICES: BOOTH 1224

7400 College Blvd., Ste. 100
Overland Park, KS 66201

(913) 754-5614 - www.summitamerica-ins.com

Summit America Insurance Services, an Ascension Company, is a company established to serve the insurance and risk management needs of the educational, recreational and sports communities of America. The staff at Summit America is committed to the highest level of expertise and service. Amateur sports associations, educational institutions and recreational organizations look to Summit America as one of the nation's leading sources of specialized insurance programs and services.

CM SWEDE-O, INC.: BOOTH 800 Corporate Member

6459 Ash St
North Branch, MN 55056
(866) 317-5678 - www.swedeo.com

Swede-O, the recognized worldwide leader in innovative products which prevent and/or rehabilitate ankle-related injuries for over 25 years. Providing a broad range of superior quality ankle braces that are sport specific and/or indication

specific with the needs of the AT athlete in mind. Swede-O is the exclusive U.S. & CN distributor of Thermoskin Supports. These products have been clinically proven to increase blood flow and skin temperature, provide greater muscle temperature and improve flexibility with less relative humidity.

SWIMEX INC.: BOOTH 1421

CM Corporate Member
846 Airport Rd

Fall River, MA 02720-4735
(508) 646-1600 - www.swimex.com

Used by hundreds of ATs and PTs, SwimEx has been the industry standard in aquatic therapy pools since 1986. SwimEx pools feature a paddlewheel propulsion system which creates a pool wide laminar flow current, which is the smoothest and most powerful water flow available on the market. SwimEx pools offer multi water depths, built-in workstations, adjustable water flow, optional treadmills, optional zero depth entry, and are built with durable fiberglass and gelcoat. Stop by our booth to see and try the product!

TAYLOR HOOTON FOUNDATION: BOOTH 755

7713 Thistledown Drive
McKinney, TX 75071

(214) 725-9590 - www.taylorhooton.org

A non-profit organization that focuses on providing education to young people and their adult influencers about the dangers of anabolic steroids, dietary supplements, HGH, and other Appearance and Performance Enhancing Drugs. The foundation has been a long term partner of NATA and works with a number of regional chapters providing speakers for various meetings and events. We've spoken directly to over 700,000 people delivering our messages about competing clean.

TEKSCAN, INC.: BOOTH 644

307 W First St
South Boston, MA 02127
(617) 464-4500 - www.tekscan.com

Tekscan, Inc. is a leading manufacturer of tactile pressure and force measurement systems. Our systems are used to aid in the diagnosis and treatment of a variety of pathomechanical disorders, as well as to ensure effective offloading of areas at risk for pressure ulceration. Tekscan's new MobileMat BESS is a computerized implementation of the Balance Error Scoring System (BESS). MobileMat BESS combines Tekscan's proven pressure-sensing platform technology with innovative software to count the balance errors experienced by the subject during the BESS test.



AT Expo Exhibitors

TEXON TOWEL & SUPPLY: BOOTH 420

PO Box 1450
Noblesville, IN 46061
(800) 328-3966 - www.texontowel.com

Texon Towel and Supply is the nation's leading supplier to high school, collegiate and professional sports. Texon stocks the largest selection of towels available to the sports industry. Texon also offers Dandux laundry carts, mesh laundry bags, laundry straps and table covers. Texon's antimicrobial division offers sanitization services, and/or equipment for the reduction of bacteria and fungus based infections. Our antimicrobial additive applications provide permanent surface protection, continuously working 24/7 to inhibit the growth of microbes.

THE STICK, DIVISION OF RPI OF ATLANTA: BOOTH 725

2709 NW Lake Rd
Camas, WA 98607-7675
(888) 882-0750 - www.thestick.com

The Stick is a self-use, mechanical instrument that has served the medical professions since 1989. A 30 second demonstration at booth 725 will show you why it is used and prescribed to patients at the Mayo Clinic for muscle hygiene. This demonstration will show you how The Stick is a must for any ATC. It's simplicity, efficacy, portability as well as durability is unmatched. The Stick will make your job much easier and we'd like to show you how. Please visit our friendly Stickbooth. Enjoy your NATA Clinical Symposia & AT Expo!

CM THERA-BAND & BIOFREEZE: BOOTH 1407

Corporate Member
1245 Home Ave.
Akron, OH 44130
(330) 633-8460 - www.performancehealth.com
BIOFREEZE® Topical Analgesics and THERA-BAND® Systems of Progressive Resistance combine to form the world's leading rehabilitation and pain management combination for clinic and home programs.

THERAPY INNOVATIONS: BOOTH 1635

PO Box 1757
Buellton, CA 93427
(541) 550-7347 - www.therapyinnovation.com

Therapy Innovations has developed a superficial heat modality that will change the way you look at heat therapy. By integrating cutting edge technology we have developed the Portable "Smart Heat" System that will replace your hydrocollator. No more temperature guessing, no towel layering, no mess. This waterless system comes in several configurations making heat therapy cleaner, safer, faster, and more efficient! The Smart Heat System is perfect for athletic trainers on the go.

THERAWHEEL: BOOTH 1618

1150 W. 86th St.
Indianapolis, IN 46260
(317) 550-9992 - www.therawheel.com

Therawheel's unique construction — which includes a tapered wheel and solid 1.75 pound weight — allows for targeted, deeper, multi-directional soft tissue mobilization. It's incredible

versatile. You can lie on it (like a lacrosse ball), or roll your muscles (like a roller) and you can use the tips for trigger point therapy. The wheel's unique edges can be utilized to push and pull soft tissue in different directions. The 4.5" wheel provides deeper penetration of muscles. Designed by former Indiana Pacers athletic trainer Tom Jennings, Therawheel is the next step in the world of injury recovery.

THERMAZONE: BOOTH 412

29001 Cedar Road, Suite 325
Lyndhurst, OH 44124
(440) 646-1286 - www.therma-zone.com

ThermaZone® is a powerful, compact, thermo-electric pain relieving device providing heating and cooling therapy without the use of ice. Features include a broad temperature range (34° - 125° F), 5 timer options and our exclusive Motion Advantage™ relief pads that deliver a constant temperature for as long as you need it. Maintenance free, ThermaZone allows trainers complete control of treatment duration and temperatures for maximum results. Also come see CoreControl™ powered by ThermaZone. Enhance your athletes performance with core body temperature cooling.

TIGER TAIL USA: BOOTH 1625

10605 SE 240TH St #400
Kent, WA 98031
(206) 395-7811 - www.tigertailusa.com

Tiger Tail USA makes sore muscles happy—fast! Awesome muscle massage tools help relieve muscle knots, aches, cramping, spasms and stiffness. Reduce tension, warm up muscles prior to exercise and help increase recovery times when used post-workout. Professional-grade tools are designed for all activity levels and get quick and easy to use. Made in the USA.

TINACTIN®, MERCK CONSUMER CARE: BOOTH 1011

NATA SPONSOR
Corporate Member
556 Morris Ave.
Summit, NJ 07901
(908) 473-5319 - www.tinactin.com



Merck Consumer Care features Tough Actin' Tinactin® athlete's foot and jock itch antifungal products - the #1 most recommended brand of antifungal products by certified athletic trainers. Tinactin® relieves itching and burning and cures most athlete's foot and jock itch.

TOP SHELF ORTHOPEDICS: BOOTH 331

1851 E. Paradise Rd., Suite A
Tracy, CA 95304
(866) 592-0488 - www.topshelforthopedics.com

Top Shelf Orthopedics has been created to provide a forum for physicians to offer input on brace and product designs to achieve better patient outcomes. Our orthopedic bracing line is diverse, consisting of knee, shoulder, ankle, and spine braces.



TOTAL VEIN SYSTEMS: BOOTH 309

901 Yale Street
Houston, TX 77008
(713) 863-1600 - www.totalvein.com

Total Vein Systems, a leading vein surgery supplier, carries four distinct lines of compression hosiery. BOOST™ Athletic Compression Therapy uses graduated compression to increase blood circulation and enhance oxygen delivery to working and recovering muscles resulting in accelerated recuperation and reduced muscle soreness.

TOWNSEND DESIGN: BOOTH 1210

4615 Shepard St
Bakersfield, CA 93313-2339
(661) 837-1795 - www.townsenddesign.com

As a key FWATA Scholarship Foundation donor, Townsend is continuing to find ways to work synergistically with Athletic Trainers across the country. Stop by booth #1210 to learn how our fabrication capabilities and patented technology can help reduce athletic injuries and improve outcomes for your most mobility-challenged patients.

TRAINING & CONDITIONING: BOOTH 337

Corporate Member
20 Eastlake Rd.
Ithaca, NY 14850
(607) 257-6970x11 - www.training-conditioning.com

Training & Conditioning is the trade magazine serving athletic trainers and professionals who work on the treatment/prevention of injuries and the conditioning of competing athletes. T&C also offers electronic newsletters and special digital supplements in addition to the magazine.

ULTRA ANKLE: BOOTH 719

Corporate Member
11595 North Meridian St., Suite 800
Carmel, IN 46032
(317) 713-2910 - www.ultraankle.com

Three advanced ankle bracing technologies, one goal, performance. Ultra Ankle® braces feature our most advanced custom-fit technologies with innovative low profile designs.

Ultra Zoom® Prevention - Ultra High-5® Chronic Ankle Instability & Reoccurring Joint Pain - Ultra CTS® Acute Injury Treatment & Active Rehabilitation. Ultra Ankle®. Bracing, evolved.

UNITED ORTHO: BOOTH 554

2235 Pennsylvania St
Fort Wayne, IN 46803
(800) 227-8748 - www.united-ortho.com

UNITED ORTHO has been manufacturing and distributing orthopedic bracing and soft goods to doctors and their patients for over 35 years. Our goal is simple- to provide innovative and effective products to meet the ever-changing needs of the healthcare industry. Exceptional Service, World Class Products & the Best Pricing in the Industry! That's the United Ortho Difference! We invite you to stop by to see what's new at United Ortho for 2014!

UNIVERSITY OF IDAHO DOCTOR OF ATHLETIC TRAINING PROGRAM: BOOTH 1147

PO Box 442401
Moscow, ID 83844
(208) 885-2185 - www.uidaho.edu/athletictrainingprogram

The University of Idaho's Advanced Clinical Doctorate in Athletic Training is a doctoral degree that focuses on improving clinical practice through evidence-based practice utilizing clinical scholarship. This program is designed for practicing professionals who are engaged in clinical practice and desire to gain the highest patient care degree in Athletic Training.

UNIVERSITY OF SOUTH FLORIDA ATHLETIC TRAINING: BOOTH 1441

13220 USF Laurel Drive
Tampa, FL 33612
(813) 974-4708 - www.usfathletictraining.com

USF's Morsani College of Medicine Athletic Training Program offers an online post-professional M.S. degree in Medical Sciences with a concentration in Athletic Training. This innovative program also offers paid residencies at USF and in the community. Details for students and employers at www.usfathletictraining.com

UNIVERSITY OF ST. AUGUSTINE: BOOTH 325

1 University Blvd.
Saint Augustine, FL 32086
(800) 241-1027 - www.usa.edu

The mission of the University of St. Augustine for Health Sciences is the development of professional health care practitioners through innovative, individualized, and quality classroom, clinical, and distance education. We have campus locations in San Marcos, CA, St. Augustine, FL and Austin, TX. We offer entry level, transitional and post professional programs in various formats, including completely online.

VIRTUSENSE TECHNOLOGIES: BOOTH 206

801 W Main St, Suite B216
Peoria, IL 610606
(309) 495-7754 - www.virtusensetech.com

VirtuSense Technologies is focused on safety and outcomes. We achieve our mission by transforming subjective sensory information into objective measurable data. Our VirtuBalance motion sensor is the only combined balance, gait, and functional assessment system for ATs. It monitors and quantifies precise body and joint movements without wearable markers. As small and light as a half gallon milk carton, making it very mobile. Identify injury risk, retrain, and measure progress with Y-balance, single leg hop, functional reach, limits of stability, modified CTSIB, and other proven tests.

VIVATURE: BOOTH 621

5050 Spring Valley
Dallas, TX 75244
(972) 687-1877 - www.vivature.com

As the only company focused in campus health, we make it possible for health centers and athletic departments to bill insurance companies as in-network providers. That means saving students money while creating extra revenue for services you already provide. Using our cutting edge software, you can also eliminate inefficiencies and unwanted costs.



AT Expo Exhibitors

VORTEX INDUSTRIES: BOOTH 1619

12961 Park Central
San Antonio, TX 78216
(210) 496-4991 - www.vortexwrap.com

Vortex Industries is proud to introduce a new hydration cart line: Vortex Dollie (20 gal), Vortex Calf (35 gal) and Vortex Cow (50 gal). Innovative and built to last. Custom colors and logos are available on all three products. Many schools, universities and pro teams are now using Vortex Ice bags and Vortex Coreless wrap. Our ice bags won't leak and our coreless wrap works even when exposed to water. Ask about our Vortex Ice bags and dispenser promotion for 2014. Stop by our booth to see additional new product lines which will be introduced at the AT Expo.

VQ ORTHO CARE: BOOTH 300

18011 Mitchell S
Irvine, CA 92614-6007
(949) 261-3814 - www.vqorthocare.com

VQ OrthoCare's Patient-Centered business model is differentiated by non-invasive, non-pharmacological, and proprietary smart-technology products for bone, joint, and soft tissue diagnoses. We advocate the best products and services for each patient we serve, attested by one of the highest Customer Satisfaction Patient Survey ratings in the healthcare industry. Some of our brand names include: BioniCare®, SurgiStim4™, OrthoStim4™, Catalyst Elite and OActive™.

WATERBOY SPORTS LLC: BOOTH 600

701 Harold Ave suite A
Winter Park, FL 32789-4614
(888) 442-6269 - www.waterboysports.com

From 4-nozzle, gravity-fed cooler manifolds to 8-station, 55-gallon, fully mobile, wagon-mounted units, chiller or tanker models, Waterboy Sports has the right hydration system for your team. Free up your athletic training staff to focus on your athletes rather than water coolers. Sports drinks can be used in our systems, provided that proper cleaning procedures are followed daily. We will be introducing Proaide Products' 2-bottle Proaide Holster here at the 2014 AT Expo. This is a must-have for athletic trainers who want to keep their hands free while keeping water bottles close.

WEATHERBUG: BOOTH 408

12410 Milestone Center Dr.
Germantown, MD 20876
(800) 544-4429 www.weatherbug.com

WeatherBug manages and operates its own weather network that pin points weather conditions in your neighborhood like no other weather service can! WeatherBug Tracking Stations provide live weather information. Along with the National Weather Service alerts, WeatherBug issues additional more localized alerts.

WEBEXERCISES: BOOTH 1149

7100 Redwood Blvd. Suite 100
Novato, CA 94945
(866) 411-4825 - www.webexercises.com

WebExercises gives you or your athletic training staff the ability to quickly and easily create personalized exercise programs. Select from over 3,000 clinically-accepted exercises and stretches for all parts of the body. Instructions can be printed or delivered by email, customized with your clinic or school's name and logo. Program features include automatic off site backup, adding your own exercises, creating your own custom template protocols, and Posture Screen Mobile sync. Stop by booth 1149 to get your free 30 day subscription!

WELKINS, LLC: BOOTH 459

3000 Woodcreek Dr. Suite 300
Downers Grove, IL 60515
(401) 340-5507 - www.welkinsmed.com

WELkins is dedicated to transforming human survival, performance and quality of life in threatening and extreme conditions across the spectrum of human activity. Utilizing a common core of NASA-derived and battlefield-proven technology, WELkins develops innovative cooling systems for the sideline, hospital, battlefield and beyond.

WELLS FARGO INSURANCE: BOOTH 856

10940 White Rock Rd.
Rancho Cordova, CA 95670
(916) 589-8054 - <https://wfis.wellsfargo.com/concussioncare.com>

Wells Fargo's Play It Safe Concussion CareSM program is a new approach to concussion management for schools and youth programs whose athletes risk sports-related concussion injuries. For a minimal amount per player, the Play It Safe Concussion Care program provides concussion testing and insurance coverage to facilitate your athletes' safe return to play. To learn more about the program, or how your school or sports organization can enroll, please visit us in booth # 856 or contact Mike Lamb at 1-888-857-9504 or PlayItSafe@wellsfargo.com.

WHEELIN' WATER, LLC: BOOTH 1636

6702 Pawawna Drive
Fort Wayne, IN 46815
(260) 452-6478 - www.wheelinwater.com

We provide the safest, most user friendly, top quality, best built hydration carts in the world and make them available at an affordable price. Sizes range from 12 gallon cooler on a 2 wheel style cart to 65 gallon tank on a 40 x 48 trailer. The safety and healthy well being of athletes is our highest priority.



AT Expo Exhibitors

WHITEHALL MFG.: BOOTH 801

15125 Proctor Ave
City of Industry, CA 91746-3327
(800) 282-7706 - www.whitehallmfg.com

Whitehall Manufacturing provides the health care and rehabilitation industries with in-room patient care units and toilets, surgical scrub sinks, and physical therapy/sports medicine products that are unsurpassed in quality, function and durability. Whitehall Manufacturing rehabilitation products include hydrotherapy whirlpools, dry heat therapy, moist heat therapy, cold therapy, paraffin tanks and splint pans.

CM WILSON CASE: BOOTH 1217

Corporate Member
113 Road 3168
Hastings, NE 68901-9418
(402) 463-5040 - www.wilsoncase.com

Athletic Case Manufacturer. Wilson Case has worked with Athletic Trainers since 1976 to design Athletic Road cases to simplify life on the road. Custom & Stock Cases Available.

WISSTECH ENTERPRISES: BOOTH 518

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Sugar Land, TX 77487-1002
(281) 277-7238 - www.wisstechenterprises.com

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Waukesha, WI 53186
(800) 966-3929 - www.woodway.com

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CM WORKFLOW.COM: BOOTH 545

Corporate Member
875 Westpoint Parkway
Westlake, OH 44145
(216) 402-4246 - www.workflow.com

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X-CELL PERFORMANCE GEL: BOOTH 432

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Sarasota, FL 34236
(941) 365-1495 - www.lifeperformanceproducts.com

X-Cell Performance Gel is an all-natural, herbal water based gel that improves muscle performance, lubricity in the performing muscle, lactic acid flush from the muscle, recovery between exertions and reduces pain during competition. X-CELL also relieves pain from post exertion, increase the circulation to the muscle to improve repair, breaks up micro-clots, relaxes muscle fibers to eliminate residual trauma and stimulates tissue regeneration for healthier and faster repairs

XLNTBRAIN SPORT: BOOTH 208

137 National Plaza
National Harbour, MD 20745
(855) 333-9568 - www.xlntbrain.com

XLNTbrain Sport provides the first and only comprehensive, web based, turnkey, end-to-end solution for sport concussion management. Our completely integrated program includes pre-season education for athletes, coaches and parents, online baseline testing, compliance tracking & reporting, mobile app sideline assessment, mobile app accelerometer balance testing, immediate notification to ATs when concussion reports are filed and when there is a change in an injured athlete's status, daily symptom checklist tracking app or online tools and many more.

CM ZAMST: BOOTH 1613

Corporate Member
20280 Acacia St. #115
Newport Beach, CA 92660
877-ZAMST-US - www.zamst.us

Zamst is Precision, Engineered Support technology that reinforces and protects the elite athletes of the world, pushing them further and harder than the human body alone can endure. Zamst is a sophisticated exoskeleton for a new breed of athlete. Built on a vast knowledge base in the medical field, we understand the human body, and most importantly its limitations. We are the true leader in product technology and injury prevention.

AT EXPO



AT Expo Exhibitors

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Miami, FL 33180
(305) 935-4619 - www.zensah.com

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Chelmsford, MA 01824-4105
(978) 421-9655 - www.zoll.com

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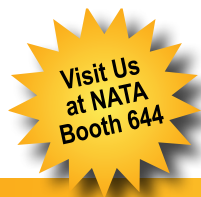
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Single Leg	1	5
Tandem	1	4
Subtotal	2	10



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AT Expo Floorplan

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<i>Therawheel</i>	1618
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As of 5/12/15

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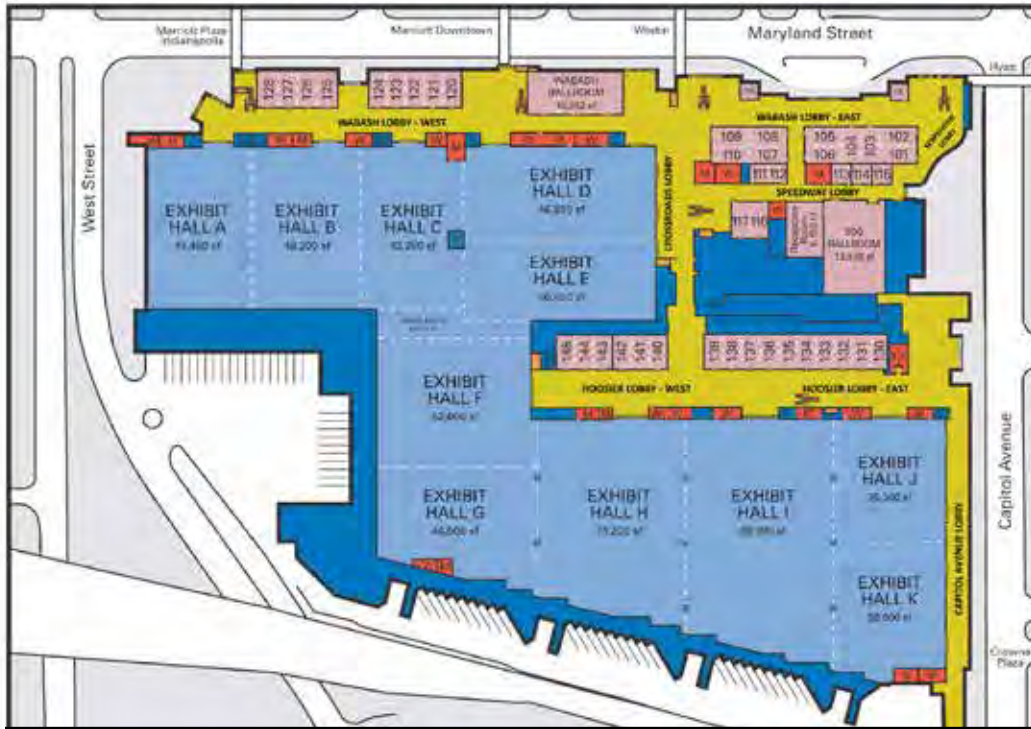


Event Maps

INDIANA CONVENTION CENTER

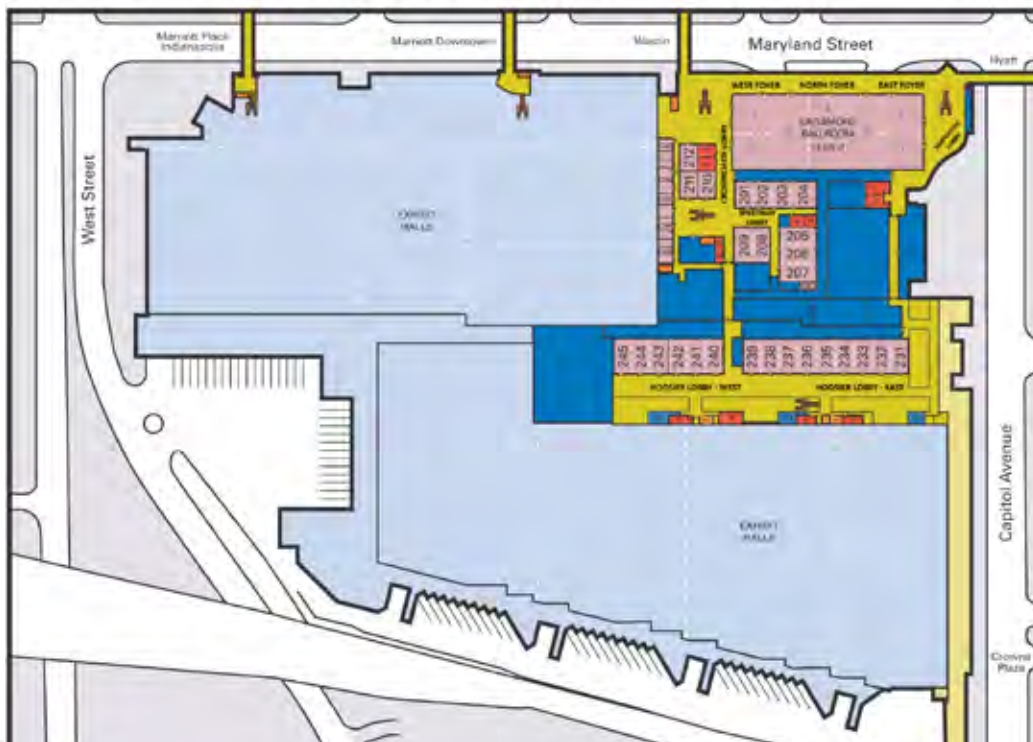
Indiana Convention Center & Lucas Oil Stadium

Level 1



Indiana Convention Center & Lucas Oil Stadium

Level 2





Event Maps

JW MARRIOTT INDIANAPOLIS

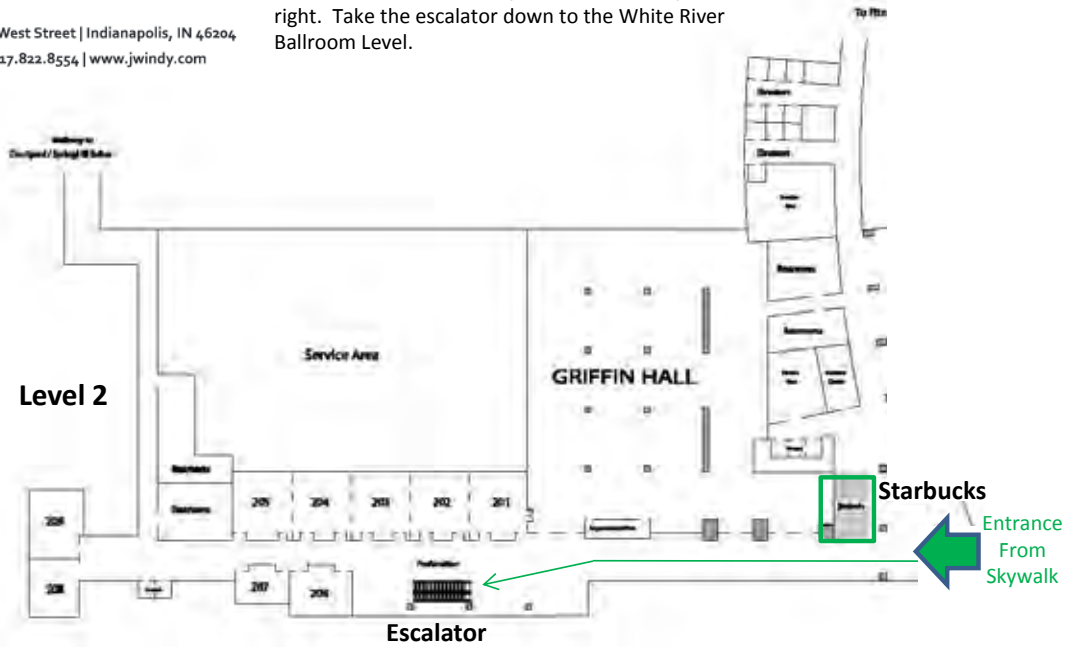


JW MARRIOTT
INDIANAPOLIS

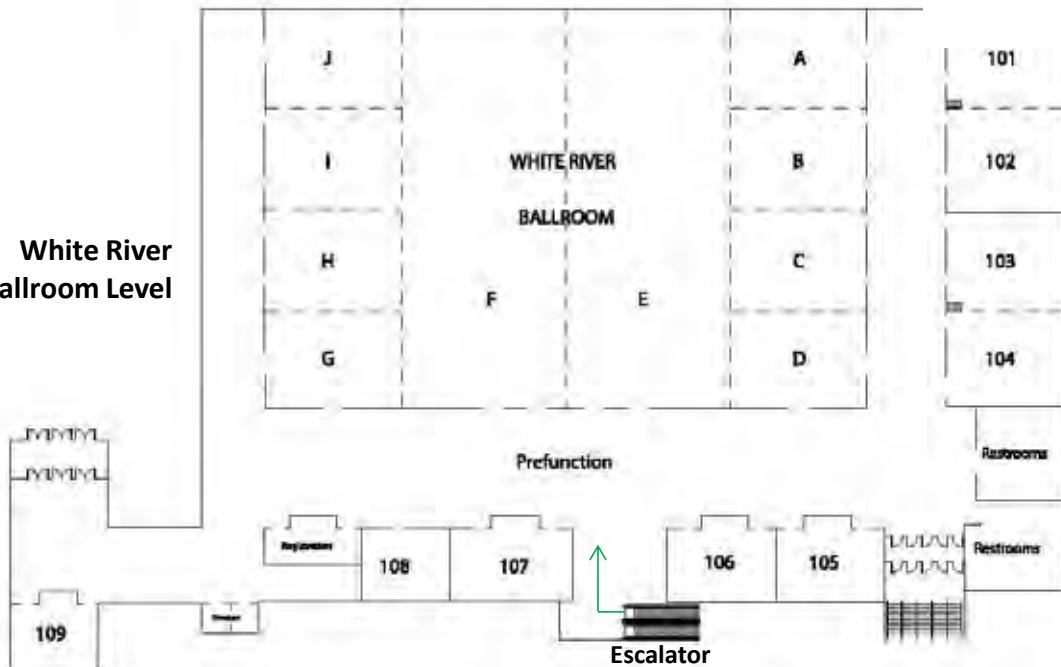
10 S. West Street | Indianapolis, IN 46204
317.822.8554 | www.jwindy.com

To White River Ballroom and Rooms 101-108:

When coming from the Indiana Convention Center and entering the JW through the skywalk entrance on Level 2, walk past Starbucks on your right. Take the escalator down to the White River Ballroom Level.



White River Ballroom Level

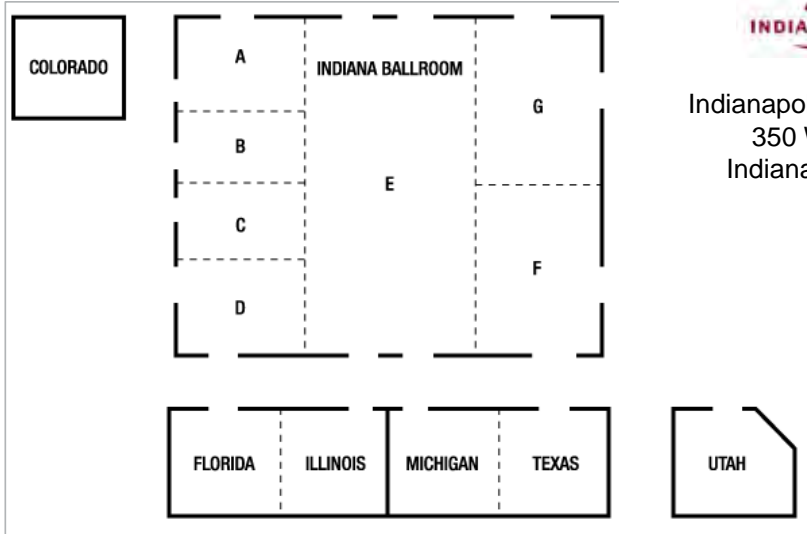




Event Maps

MARRIOTT INDIANAPOLIS DOWNTOWN

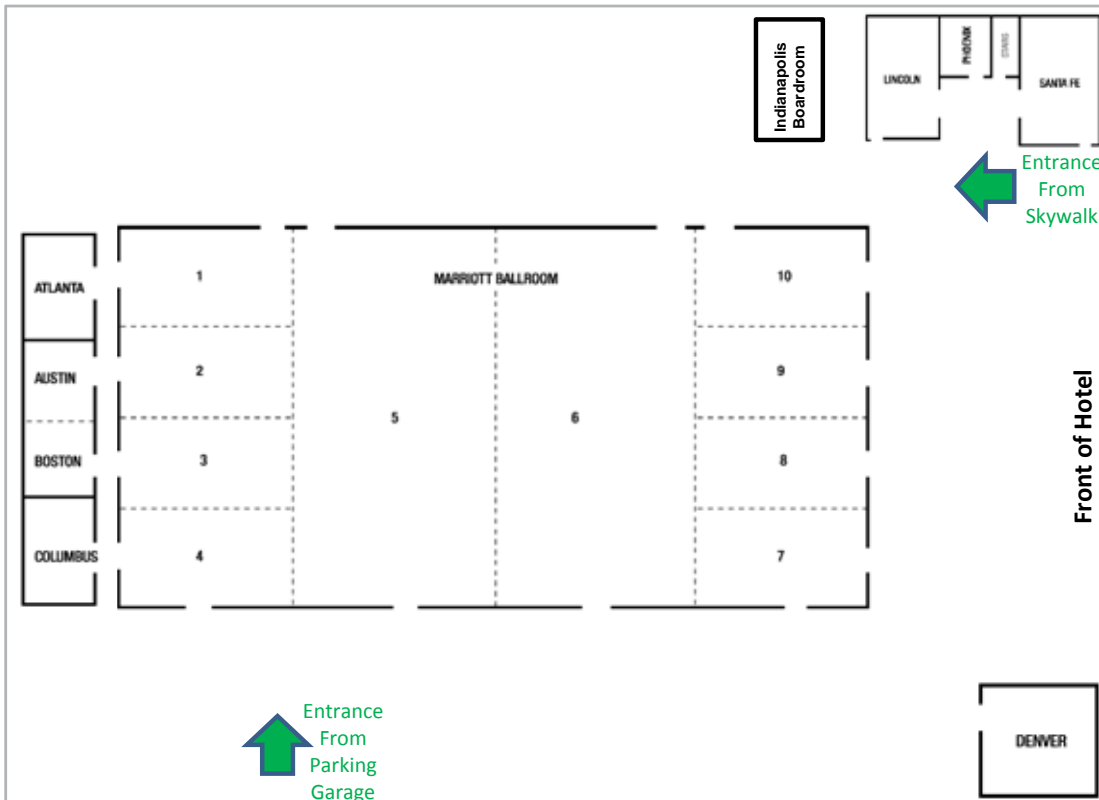
First Floor



Indianapolis Marriott Downtown
 350 West Maryland Street
 Indianapolis, Indiana 46225

Front of Hotel

Second Floor



Front of Hotel

EVENT MAPS



Event Maps

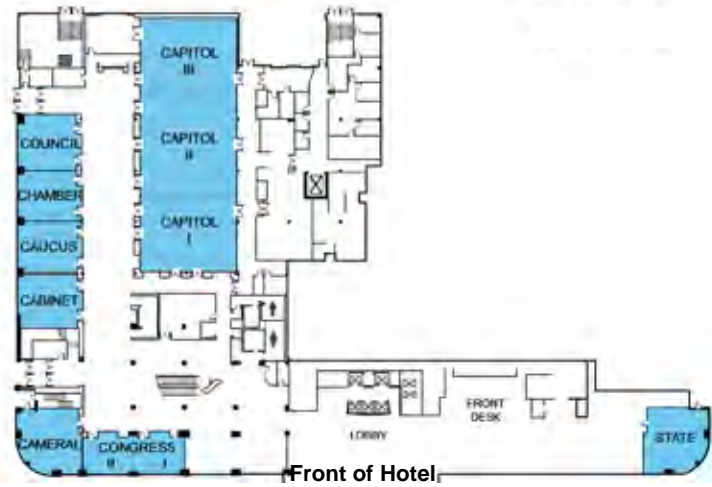
WESTIN INDIANAPOLIS



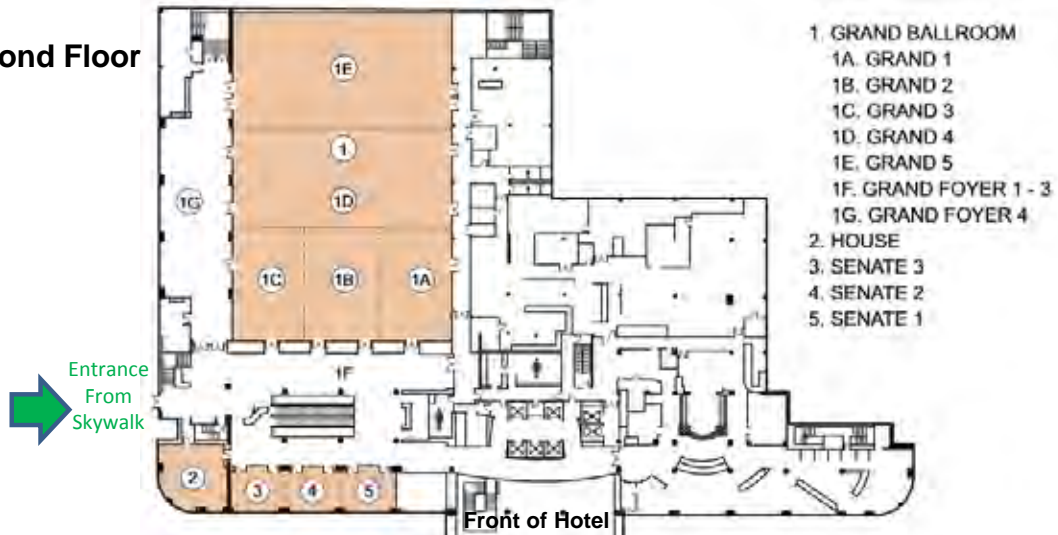
The Westin Indianapolis

50 South Capitol Ave. • Indianapolis, Indiana 46204 • United States
Phone (317) 262-8100

First Floor



Second Floor



- 1. GRAND BALLROOM
- 1A. GRAND 1
- 1B. GRAND 2
- 1C. GRAND 3
- 1D. GRAND 4
- 1E. GRAND 5
- 1F. GRAND FOYER 1 - 3
- 1G. GRAND FOYER 4
- 2. HOUSE
- 3. SENATE 3
- 4. SENATE 2
- 5. SENATE 1

Third Floor



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H E A L T H C A R E F O R L I F E & S P O R T

AthleticTrainers.org

Protect America's Student Athletes: Cosponsor S. RES. 372

For more information, contact Amy Callender
at 972-532-8853 or amyc@nata.org.

Sen.1



NATIONAL **ATHLETIC TRAINERS'** ASSOCIATION
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For more information, contact Amy Callender
at 972-532-8853 or amyc@nata.org.

Sen.2

Complete with your name and address. Tear this page out and place in one of the designated drop-boxes, at the NATA Connect booth or with any NATA Staff.

Dear Senator,

As an athletic trainer and member of the National Athletic Trainers' Association (NATA), I am writing to urge you to become a cosponsor of Senate Resolution (S. RES.) 372, the _____ Secondary School Student Athletes' Bill of Rights.

The Secondary School Student Athletes' Bill of Rights serves as a list of best practices that every school can implement to prevent and care for sports-related injuries. This is an issue of great importance to our nation's youth, as high school athletes suffer 2 million injuries and undergo 200,000 doctor visits and 30,000 hospitalizations every year.

NATA is committed to reducing those numbers and improving the health and safety of our young athletes. Your support for S. RES. 372 would be a great first step in this effort. Thank you very much for your attention to this important matter. I look forward to hearing back from you soon!

Sincerely,

(Print Home Street Address)

(Signature)

(Print City, State and Zip)

(Print First and Last Name)

(Print Email Address)

Dear Senator,

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Sincerely,

(Print Home Street Address)

(Signature)

(Print City, State and Zip)

(Print First and Last Name)

(Print Email Address)



HUMACUPGRADE

Rejuvenate your **Biodex** or **CYBEX** with **HUMAC!** If your machine is in good mechanical order but the outdated computer and a limited budget are in the way, consider the **HUMAC**. For a fraction of the cost of a new machine, the **HUMAC** adds the latest measurement, training, EMG, and research capabilities to the machine you already own.

On-site Demos Available



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HUMACNORM

The **HUMAC NORM** is your solution for measuring and improving performance in the clinic, training room, and research laboratory. In one machine the **HUMAC NORM** offers 22 isolated-joint movement patterns, four resistance modes and numerous reports to meet the needs of today's athletic trainers and researchers.

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SportsWare makes it easy to record, manage, and report your training room information which is why more Athletic Trainers choose **SportsWare** by CSMi. SportsWare contains over 1.5 million Athletes, 2.6 million Injuries, and 8 million Treatments and growing every day. SWOL is the right choice for your school or outreach program.

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HUMACCONCUSSION

New **HUMAC Concussion** provides the Athletic Trainer with recommended computerized force plate technology to objectively measure and monitor the symptoms of concussion. Includes preseason baselines, progress reports & interactive training. Plus **HUMAC Concussion** is upgradable to **HUMAC Balance** with Tilt for your orthopedic injuries.

Show Price
\$1,600



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WHAT'S IN YOUR ATHLETIC TRAINING FACILITY?

The **NEW** Exos Rapid Splint™ Exothermix® Heater Pack?



Features and Benefits

- Self heating technology
 - *Splint heats inside package in approx. 3 to 6 minutes*
- Dry application
 - *Eliminates introducing moisture to the skin*
- Smooth Edges
 - *Enhanced comfort and patient safety*

Stop by the **DJO booth #1030** to get your sample of the Exothermix Heater Pack.



WHAT'S IN YOUR ATHLETIC TRAINING FACILITY?

The **NEW** Exos Short Thumb Spica II? *Adjustable, Reformable, and Waterproof*



Features and Benefits

- Adjustable thumb circumference
 - *Accommodates a variety of thumb sizes*
- Adjustable thumb strap
 - *Better immobilization*
- Edge taping around perimeter of thumb
 - *Added comfort*

Stop by the **DJO booth #1030** to get fitted with your Short Thumb Spica II sample.

ALL MASKS ARE NOT CREATED EQUAL...



BOOTH 546
STOP BY FOR A FREE GIFT!

ENTER TO WIN!!!



Apple iPad Mini



\$100 Gift Card



\$25 Gift Card

(Over for Details)

www.Force3ProGear.com

Find Your Wound Care Solutions All In One Place . . .



Pick up your copy of ATWSG at the HUSA Booth while supplies last

Visit Us At Booth 1212
Register To Win A Samsung Galaxy Tab®



** See back side for entry form **





Please fill out for your Exos Short Thumb Spica II sample.

Name: _____

Address: _____

Email: _____

Phone: _____

Company: _____



DJO, LLC | A DJO Global Company
T 800.336.6569 D 760.727.1280 F 800.936.6569
1430 Decision Street | Vista, CA 92081-8553 | U.S.A.
DJOglobal.com

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Please fill out for your Exos Rapid Splint Exothermix Heater Pack sample.

Name: _____

Address: _____

Email: _____

Phone: _____

Company: _____



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Bring this entry form to our booth 1212 at NATA in June for a chance to win a Samsung Galaxy Tab® and see our products in action!

Name: _____

Organization: _____

Title: _____

Address: _____

City: _____ Zip Code: _____

Phone: _____

Email: _____

HARTMANN USA, Inc. • Rock Hill, SC • 800-243-2294 • www.hartmanninfo.com

ENTER TO WIN!!!



COMPLETELY FILL OUT THIS ENTRY AND DROP OFF AT BOOTH 546

WORK/PERSONAL INFO

EMPLOYER: _____

NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE: _____

EMAIL: _____

AFFILIATION:

HIGH SCHOOL COLLEGE PROFESSIONAL

OTHER: _____



RULES: Drawing will be held on June 28 at 12:00pm. Need not be present to win. Entries must be fully completed in order to be considered.

Information used only for raffle and future product information contact, not to be sold or shared. Prize colors/models may differ from pictures.

www.Force3ProGear.com



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**Athletic
Trainer
System**

Software for Athletic Trainers

Access your **live** data from ...



A computer



A smart phone

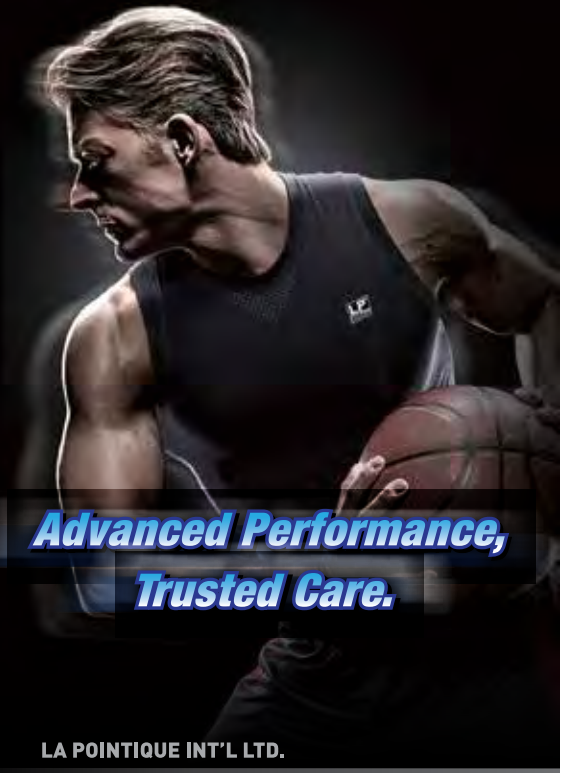


A tablet

Visit
booth
#1519

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Stop at



Booth #1407

for a chance to
win a free iPad



**FREE
Heat Stress Safety Kit
Give Away!**

Fill out the back of this card and bring it to our
booth #319 to enter for your chance to win!

Come and Visit LP at Booth #431.

LP Academy

• The features and application of Maxtaping A+.

Beyond Hung - Chief Judge at the China Athletic Training & Therapy Vocational Competition.

• The AMAZING effect of compression garment and the technology behind the EmbioZ.

Nicole Wang - Researcher of LP Sports Medicine Academy.

Receive a Free LP Gift!

• EmbioZ - Power Sleeve

SCAN the QRcode at LP booth and receive a free Power Sleeve! (value: \$ 30.00)



• Maxtaping A+

Experience superior 4-way stretch material for yourself!

The Athletic Trainer System

Some key points:

- Most comprehensive available
- Flexible & customizable
- Secure EMR for staff/athletes
- Medical history
- Injuries & treatments
- Concussion SCAT3
- Electronic files
- Scheduling & referrals
- Strength & conditioning
- Online athlete forms
- Insurance claims
- 360+ clients; 44+ states
- BOC certified provider
- NCAA/high school research
- Inventory & bids
- Data miner
- Import athlete information
- Much, much, more...

Free Database Conversion

Visit booth #1519

www.athletictrainersystem.com

Call 1-888-328-2577

Email info@athletictrainersystem.com

Enter to win a FREE Heat Stress Safety Kit!

Random drawing will be announced July 1, 2014. Card must be filled out completely and legibly.

Name: _____

Address: _____

Email: _____

Phone: _____

Athletic Training Facility: _____

PerformanceHealth®

Register to win a **FREE iPad**

Drawings to be held Thursday and Friday

Complete Info:

Name: _____

Address: _____

School Name: _____

Email: _____

Cell Phone: _____

Double your chance to win by demonstrating the **TheraBand™ Massage Roller**

Ask for details.

Win a FREE iPad Mini!

Fill out the back of this entry form and bring it to **Booth #1543** to win.

Drawing will be held at our booth on Friday, June 27th @ 4:00 pm.



POSITIONAL RELEASE
THERAPY INSTITUTE

Enter to Win an iPad Mini!

Complete the back side of this card and bring to **Booth #800** for your chance to win!



BOOTH # 800

The LEADER in
Sport Medicine
Supplies



Visit with
SPORTS HEALTH
for a chance to win great prizes!

Fill out the back of this card and bring it to our booth #1211 to enter for your chance to win!

Visit our Booth 1211 to Learn More!



Phone 866-323-5465 | Web www.SchoolHealth.com | Fax 800-235-1305

HAVE YOU SCORED YET?

Come by **booth #644** to take the BESS test on our **MobileMat™** and get a **free t-shirt!**



Fill out the back of this card and bring it to booth #644 for your chance to take the test and get a free shirt.



The winner will be contacted from this information so please print legibly.

Name: _____

Phone #: _____

Email: _____

Address: _____



866.323.5465 | www.SportsHealth.com

Contact Information/Contest Entry Form



Name: _____ Title: _____

District: _____

School or Organization Name: _____

Address/City/State/Zip Code: _____

Email Address: _____ Phone: _____

Subscribe to our newsletters

I would like to learn more about the following products or promotions: _____

Please contact me via this method: Email Phone

Cell Phone (For Prize Notification): _____

HAVE YOU SCORED YET?

Fill the form below and bring it to booth #644 to take the test and get a free t-shirt.

Name: _____

Company: _____

Email: _____

Phone: _____

Please add me to the Tekscan mailing list.



Name: _____

Email or Phone: _____

Employer / School _____

How are ankle braces typically supplied to your patients or athletes?
(Check all that apply):

School Purchases for the athletes

Ankle Braces are included on a formal annual bid

Athletes / patients are asked to purchase their own ankle braces

At a local store Online

Comments: _____



Booth
SWEDD-Q, INC. #800

PUTT FOR PRIZES

The ball measures 1.68 inches and the hole is 4.25 inches. That means the hole is more than 2.5 times larger.

How hard can that be?

Stop by Booth 1401 and check out our newest brace and show us how easy it is to win some great prizes.



BAILEY



Do Your Tables Have Holes, Rips & Tears?

Our contest worked so well last year, we are doing it **AGAIN!** Just fill out the back of this Card, and bring to us at Booth 909 for your **FREE Table Patch!**

Use your patch, send us a picture, and get a discount, it's that easy!



**Repair compliments of Beth Isner ATC
Rustburg High School Red Devils**



BOARD OF CERTIFICATION
FOR THE ATHLETIC TRAINER
25 Years of Certainty

The BOC steers you in the right direction!

Visit us at booth #846 during the 2014 NATA Annual Meeting

Some great reasons to stop by the BOC booth include:

- **Athletic training students**, register to win a self-assessment exam! One winner each day!
- **Newly Certified ATs** stop by for a newly certified ribbon
- **ATs**, register to win a certification plaque or certification certificate, and pick up home study discounts
- **Help the BOC celebrate 25 years with daily giveaways at the booth!**

See you there!



**GO HARDER.
PLAY SAFER.**

ATC's return this card to receive a gift from the Cramer booth on **June 26th, 2014 (1st Day of Show)**

Students return this card to receive a gift from the Student Lounge on **June 26th, 2014 (1st Day of Show)** and join us for the **student welcome dinner** between **4:30 and 6:15**

By returning this completed card you automatically qualify for a **"SECOND CHANCE" drawing for one of TWO Blue Tooth speakers!!!!!!!!**

Name: _____

Contact number: _____

Email address: _____

Send us a picture of your table patch job before and after, and email it to us. You'll receive 5% off your next Bailey purchase, now through August 2014!

Name:

Email:

Phone:

Employer:

Even if you can't hit that little ball into the big hole, you will want to drop this card off at our booth (1401) because on Thursday and Friday of the show we will be drawing for five \$100 gift cards each day. **BOOTH 1401**

NAME

SCHOOL

EMAIL

TELEPHONE (here at the show so we can let you know you won)

1. You must bring your completed registration form (below) to Active Ankle booth 1401 to be eligible for the hourly \$100 VISA card drawings.
2. Drawings will be held each hour on the hour between noon and 4pm Thursday and Friday (10 drawings total). Each drawing will be for a \$100 VISA card that can be used anywhere that VISA debit is accepted. (You could be sportin' a new pair of Active Ankle braces).
3. Each hour the winning name will be posted on our winners board at the booth for that day.
4. If your name is drawn, you MUST come by the Active Ankle booth and show some ID to claim your VISA card.



activeankle.com

The most trusted name in ankle protection.

NATA 2014

THE FIRST AIDER

Go to cramersportsmed.com to sign up for Cramer First Aider – your source for sports medicine solutions and relevant sports medicine information highlighted by profiles of athletic trainers, current topics or issues and product information!

MAKE SURE TO CHECK INSIDE YOUR GIFT FOR THE:



GOOD FOR ONE FREE CRAMER KIT



BOARD OF CERTIFICATION
FOR THE ATHLETIC TRAINER
25 Years of Certainty

Register to win!

Name

Certification number

Email address

Are you a student? Yes No

REPLACE YOUR HYDROCOLLATOR



Therapy
Innovations
Reinventing Heat Modalities

- Cleaner
- Safer
- Faster
- More Efficient

LACE-UPS *are* HISTORY.

The Ultra Zoom® is preventative ankle bracing, evolved.

See for yourself at **BOOTH #719.**

Complete the backside and enter to win at **BOOTH #719** and you could win one of five GoPro cameras!



Prevent & Perform



**Ultra Ankle® is
giving away 5
GoPro cameras!
Enter to win at
BOOTH #719.**

Winners will be drawn Thursday,
Friday and Saturday.

You do not need to be present to win.

Name: _____

Email: _____

Phone: _____

Employer: _____

STOP @ BOOTH 1635

**ENTER TO WIN A FREE
SINGLE SMART HEAT SYSTEM
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Send us your worst hydrocollator picture
for a chance to win a FREE
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Enter by July 31, 2014. 1 entry per Organization Please.

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E-MAIL: _____

ORGANIZATION: _____

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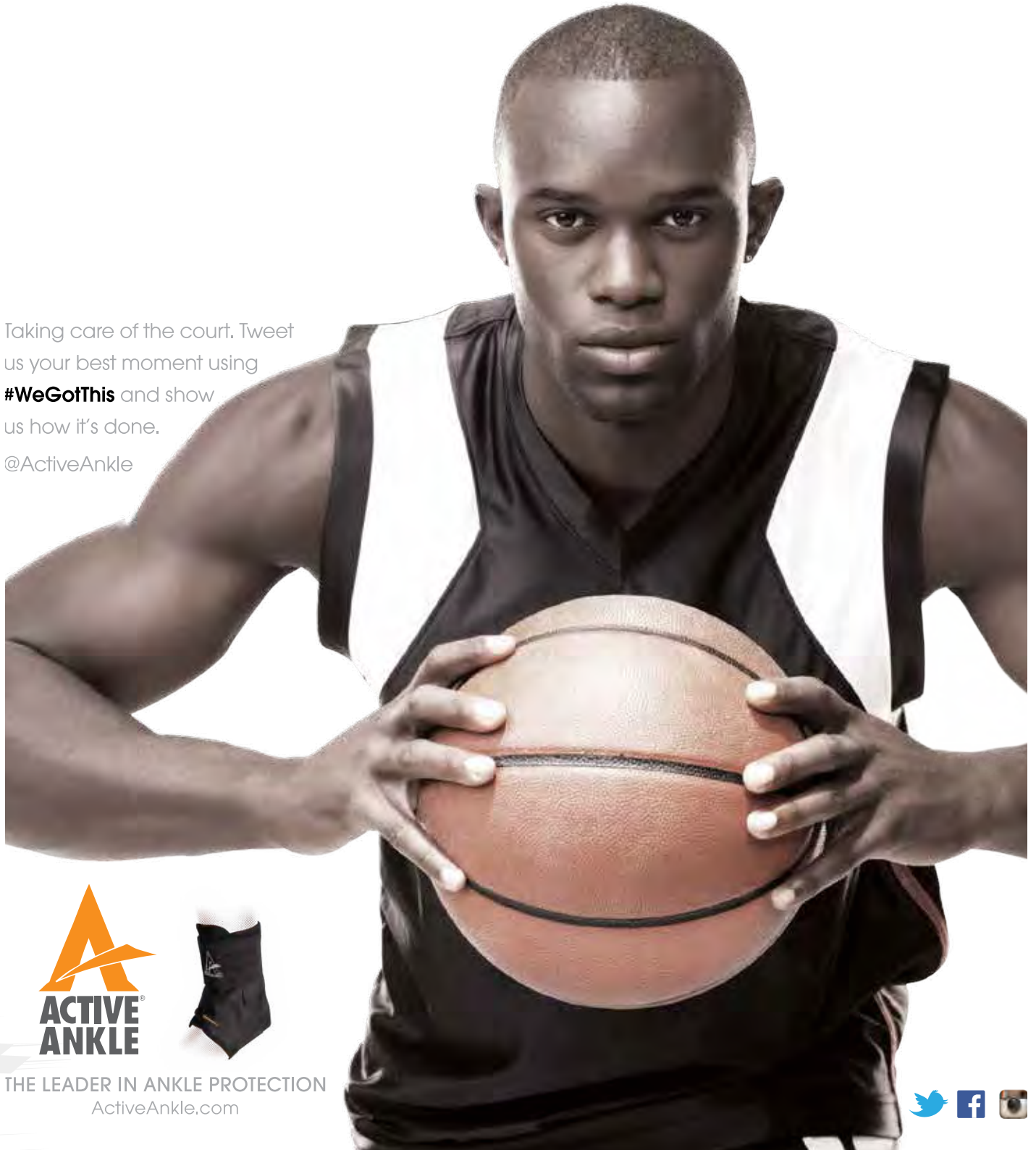
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PLAY SAFER.**