

AWARD NUMBER: W81XWH-10-1-0024

TITLE: 2009 New England American College of Sports Medicine Conference

PRINCIPAL INVESTIGATOR: Dino G. Costanzo

CONTRACTING ORGANIZATION: American College of Sports Medicine  
New Britain, CT 06052

REPORT DATE: January 2010

TYPE OF REPORT: Final Proceedings

PREPARED FOR: U.S. Army Medical Research and Materiel Command  
Fort Detrick, Maryland 21702-5012

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<b>1. REPORT DATE</b> 1 January 2010		<b>2. REPORT TYPE</b> Final Proceedings		<b>3. DATES COVERED</b> 5 Nov 2009 – 6 Nov 2009	
<b>4. TITLE AND SUBTITLE</b>  2009 New England American College of Sports Medicine Conference			<b>5a. CONTRACT NUMBER</b>		
			<b>5b. GRANT NUMBER</b> W81XWH-10-1-0024		
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<b>6. AUTHOR(S)</b>  Dino G. Costanzo  E-Mail: dcostanzo@thocc.org			<b>5d. PROJECT NUMBER</b>		
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<b>7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)</b>  American College of Sports Medicine New Britain, CT 06052			<b>8. PERFORMING ORGANIZATION REPORT NUMBER</b>		
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<b>13. SUPPLEMENTARY NOTES</b>					
<b>14. ABSTRACT</b> The 2009 New England Chapter of the American College of Sports Medicine Meeting was held at the Rhode Island Convention Center in Providence, Rhode Island on November 5-6. The meeting was attended by 751 professionals and students from clinical, academic, and government institutions. In total, the conference had 35 professional presentations and over 30 free communication presentations. The number of registrants, number of sessions, vendors, and conference survey results are presented below. The schedule grid for all presentations is also attached, as is the conference brochure.					
<b>15. SUBJECT TERMS</b> None provided.					
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<b>a. REPORT</b>	<b>b. ABSTRACT</b>	<b>c. THIS PAGE</b>			<b>19b. TELEPHONE NUMBER</b> (include area code)
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## **2009 NEACSM Conference Summary:**

The 2009 New England Chapter of the American College of Sports Medicine Meeting was held at the Rhode Island Convention Center in Providence, Rhode Island on November 5-6. The meeting was attended by 751 professionals and students from clinical, academic, and government institutions. In total, the conference had 35 professional presentations and over 30 free communication presentations. The number of registrants, number of sessions, vendors, and conference survey results are presented below. The schedule grid for all presentations is also attached, as is the conference brochure.

### Registration Breakdown

# of registrants – 751  
Professional – 227  
Student – 524

### Session Breakdown

Total # of presentations – 35  
Keynotes - 2  
Special topic sessions (invited speakers) – 9  
Breakout sessions – 24

### Vendor Breakdown

Total # of vendors – 10

### List of Vendors

#### **CSMI**

Mr. David Bernardi  
101 Tosca Drive  
Stoughton, MA 02072

#### **GATORADE**

Barrington, IL

#### **SPRINGFIELD COLLEGE**

Charles J. Redmond, Dean  
School of HPER  
HPER/Wellness Center  
Springfield College  
Springfield, MA 01109

#### **SOUTHERN CONNECTICUT STATE UNIVERSITY**

Megan Rock  
Institutional Advancement  
Southern Connecticut State University  
501 Crescent Street  
New Haven, CT 06515

#### **HARVEST TECH**

Ms. Kim James  
40 Grissom Road, Suite 100  
Plymouth, MA 02360 USA

**DAIRY COUNCIL**

Dr. Matthew Pikosky  
Director Research Transfer  
10255 West Higgins Rd, Suite 900  
Rosemont, IL 60018-5616

**SHIELDS MRI**

700 Congress Street  
Suite 204  
Quincy, MA 02169

**IDT DNA**

Sean McCall  
Integrated DNA Technologies  
1710 Commercial Park Dr  
Coralville, IA 52241

**IWORX**

Ms. Michelle Gibson  
iWorx Systems, Inc.  
One Washington Street, Suite 404  
Dover, NH 03820

**PARVO MEDICS**

8152 South 1715 East  
Sandy, UT 84093

After-Action, Evaluation Surveys

Survey items are rated from 1 to 5, with 1 denoting extremely dissatisfied, 2, denoting dissatisfied, 3 being neutral, 4 denoting satisfied, and 5 denoting extremely satisfied. The average scores were:

**#1 Overall quality of the presentations – 4.49**

**#2 Facilities where presentations were conducted – 4.45**

**#3 Value of the presentations – 4.20**

**#4 Presentation objectives met – 4.35**

**#5 Please rate the presenter(s) for effective delivery- 4.13**

THURSDAY NOVEMBER 5, 2009

TIME	ROOM #550	Room # 551	Rotunda	ROOM #552	ROOM #553
8:30-9:30	Free Communications	<b>Invited Speaker:</b>  <b>Linear growth, sport training and puberty: Hormonal chaos?</b>  Alan Rogol	<b>Evolution of Autologous Platelet Rich Plasma and Regenerative Therapies</b>  Herb Stevenson, M.D.	<b>Making Sense of the Sports Food Scene</b>  Nancy Clark	<b>Public Health and University Based Childhood Obesity Program: Application to Service Learning in Exercise Science</b>  Wendy Bjerke Paul Gallo
9:40-11:10	Free Communications	<b>Inducing muscle growth after puberty: Endogenous and Exogenous Hormonal Enigmas</b>  Bill Kraemer 9:40-10:30  <b>Round Table- 10:40-11:10</b> Alan Rogol, Bill Kraemer, Scott Gordon, Moderated by Maria Urso	<b>Case Presentations I Sports Medicine Fellows</b>  Jeffrey Manning MD Arturo Aguilar MD Amy Macqueen MD Jansen Tiongson MD	<b>Exercise is Medicine: Applying the Message</b>  Dick Cotton	<b>The Non-Critical Core Temperature</b>  Sam Cheuvront Brett Ely
11:20-12:30	<b>Keynote Lecture (Ballroom A): Daniel Lieberman Human Evolution and Human Health</b>				
12:30-1:30	<b>LUNCH (Student Luncheon - Ballrooms D &amp; E)</b>				
1:30-2:30	Free Communications	<b>Invited Speaker:</b>  <b>Mechanisms of Skeletal Muscle Injury: Understanding Injury Through Understanding the Cell</b>  Maria Urso	<b>Invited Speaker: Nasty and Not so Nasty MRSA Infections</b>  Henry Feder Jr, M.D. Professor of Family Medicine and Pediatrics UCONN	<b>Diabetes: From Cellular Dysfunction and Adaptations to Exercise</b>  Michael See Laurie Goodyear Barry Braun	<b>Ergogenic Aids: The Good, the Bad and the Waste of Your Money.</b>  Disa Hatfield
2:40-3:40	Free Communications	<b>Invited Speaker:</b>  <b>AMPK: A Potential Negative Regulator of Aged Skeletal Muscle Mass and Growth?</b>  Scott Gordon	<b>Case Presentations II Sports Medicine Fellows</b>  Deena Petrocelli, MD Darius Greenbacher MD, Peter Kriz, MD		<b>Past President's Lecture</b>  <b>A History of Exercise Physiology in New England</b>  John Castellani
3:50-5:20	Free Communications	<b>Relationship Between Skeletal Muscle Blood Flow and Glucose Regulation Following Exercise</b>  Thomas Pellingier 3:50-4:30  <b>Examining Muscle Function and Dysfunction Using In Vitro Molecular Methods</b> Ned Debold 4:40-5:20	<b>Roundtable-Difficult cases and Return to Play Decisions</b>  Mark Bouchard , M.D. Pierre Rouzier, M.D. Matthew Pecci, M.D. Moderated by Shawn Ferullo, M.D.	<b>Energy Drinks: Harm or Hype</b>  Larry Armstrong Nancy Rodriguez Jeff Volek Jeff Anderson Moderated by Carl Maresh	<b>Athletes and Deep Vein Thrombosis: Competition and Coagulation</b>  Beth Parker Donna Polk, MD Wendy Bjerke
5:30-7:30	<i>President's Reception and College Bowl</i> (Sponsored in part by: ) (Ballrooms D & E) <b>Sponsored in part by Southern CT State University</b>				

**Friday November 6, 2009**

	ROOM #550	Room #551	Rotunda	ROOM #552	Room #553
<b>8:00-8:30</b>	<b>Town Hall – NEACSM Business meeting (Room #550)</b>				
<b>8:30-9:30</b>	<b>Free Communications</b>	<b>Invited Speaker</b>  <b>I Would Have Stopped Eating but My Hormones Wouldn't Let Me.</b>  Scott Montain	<b>Tutorial: Osteopathic Manipulation: an Extra Tool in the Sports Medicine Arsenal</b>  Douglas Comeau, D.O.	<b>A Preview of ACSM's Guidelines for Exercise Testing and Prescription- 8<sup>th</sup> Edition</b>  Linda Pescatello Deb Riebe Dino Costanzo	<b>Invited Speaker</b>  <b>Ethics in Practice</b>  Jeff Salloway
<b>9:45-11:15</b>	<b>Free Communications</b>	<b>Invited Speaker:</b>  <b>Dietary Carbohydrate Restriction Uniquely Targets Features of the Metabolic Syndrome</b>  Jeff Volek	<b>Case Presentations III Sports Med Fellows</b> <b>Tim Mcateer MD, Maine</b> <b>Nevid Mahooti MD, UCONN</b> <b>Sarah Gibson MD, Children's</b>  Attending Case: Amy Costa, MD	<b>Invited Speaker</b>  <b>The sympathetic nervous system in dehydration: balancing blood pressure and blood flow</b>  Nisha Charkoudian	<b>Musculoskeletal Injuries in the Young Performing Artist: Spine and Pelvis</b>  Pierre d'Hemecort Andrea Stracciolini
<b>11:15-12:30</b>	<b>Knuttgen Keynote Lecture (Ballroom A): Scott Powers</b> <b>Mechanisms of Disuse Muscle Atrophy</b> <b>Sponsored in Part by Springfield College</b>				
<b>12:30-1:30</b>	<b>LUNCH</b>				
<b>1:30-2:30</b>	<b>Free Communications</b>	<b>Responses of NCAA Div III Collegiate Athletes to Physical Training</b>  Margaret Jones Brian A. Thompson	<b>Invited Speaker:</b> Musculoskeletal Ultrasound  Alda Cossi, M.D. Associate Professor of Radiology Boston University	<b>Practical Training for Rock Climbing from Teens to Adults</b>  Robert Huyler	<b>How to get Injured Athletes back into the Game: Extending beyond Physical Recovery</b>  Allyson Howe Timothy McAteer Daniel O'Neill Amy MacQueen
<b>2:45-3:45</b>			<b>Tutorial: Special Lecture</b>  Stephen T. Sweriduk, M.D. Shields MRI		



# Adaptation:

*From Cells to Systems*

NEW ENGLAND CHAPTER OF THE  
AMERICAN COLLEGE OF SPORTS MEDICINE  
ANNUAL FALL CONFERENCE

November 5 & 6, 2009  
Rhode Island Convention Center  
Providence, Rhode Island

## CONFERENCE HIGHLIGHTS

### KEYNOTE SPEAKER



**Daniel E. Lieberman, Ph.D.**

*Professor, Department of Human Evolutionary Biology, Harvard University*  
“Human Evolution and Human Health”

**Thursday, November 5, 11:20 a.m.-12:30 p.m.**

### KNUTTGEN SPEAKER



**Scott K. Powers, Ph.D., Ed.D.**

*UAA Endowed Professor and Distinguished Professor of Applied Physiology and Kinesiology, University of Florida*  
“Mechanisms of Disuse Muscle Atrophy”

**Friday, November 6, 11:15 a.m.-12:30 p.m.**

### INVITED SPEAKERS



**Alan D. Rogol, MD, Ph.D.**

*Professor of Pediatrics, Riley Hospital for Children; Indiana Univ. School of Medicine and Professor Emeritus Univ. of Virginia*  
“Linear Growth, Sport Training and Puberty: Hormonal Chaos?”

**Thursday, November 5th, 8:30-9:30 a.m.**



**William J. Kraemer, Ph.D., FACSM**

*Professor, Department of Kinesiology Univ. of Connecticut, Storrs, CT*  
“Inducing Muscle Growth After Puberty: Endogenous and Exogenous Hormonal Enigmas”

**Thursday, November 5th, 9:40-10:30 a.m.**



**CPT Maria L. Urso, Ph.D.**

*United States Army Research Institute of Environmental Medicine, Natick, MA*  
“Mechanisms of Skeletal Muscle Injury: Understanding Injury Through Understanding the Cell”

**Thursday, November 5th, 1:30-2:30 p.m.**



**Henry M. Feder, Jr., M.D.**

*Professor of Family Medicine and Pediatrics, University of Connecticut Medical Center and Connecticut Children's Medical Center*  
“Nasty and Not So Nasty MRSA Infections”

**Thursday, November 5th, 1:30-2:30 p.m.**



**Scott Gordon, Ph.D.**

*East Carolina University*  
“AMPK: A Potential Negative Regulator of Aged Skeletal Muscle Mass and Growth”

**Thursday, November 5th, 2:40-3:40 p.m.**



**Scott J. Montain, Ph.D.**

*Research Physiologist United States Army Research Institute of Environmental Medicine, Natick, MA*  
“I Would Have Stopped Eating But My Hormones Wouldn't Let Me”

**Friday, November 6th, 8:30-9:30 a.m.**



**Jeffrey Colman Salloway, Ph.D.**

*Professor Emeritus, Health Management and Policy, Univ. of New Hampshire*  
“Ethics in Practice”

**Friday, November 6th, 8:30-9:30 a.m.**



**Jeff S. Volek, Ph.D., RD**

*Associate Professor, Univ. of Connecticut*  
“Dietary Carbohydrate Restriction Uniquely Targets Features of the Metabolic Syndrome”

**Friday, November 6th, 9:45-11:15 a.m.**



**Nisha Charkoudian, Ph.D.**

*Associate Professor of Physiology Mayo Clinic College of Rochester, MN*  
“The Sympathetic Nervous System in Dehydration: Balancing Blood Pressure and Blood Flow”

**Friday, November 6th, 9:45-11:15 a.m.**

**Alda Cossi, M.D.**

*Associate Professor of Radiology Section Head, Ultrasound Boston Univ. Medical Center/BMC*  
“Musculoskeletal Ultrasound”

**Friday, November 6th, 1:30-2:30 p.m.**

*Times are subject to change, please verify with the final program schedule.*



## HOTEL ACCOMMODATIONS

Blocks of guest rooms are available for conference attendees at a special reduced rate at three Providence hotels. Be sure to identify your affiliation with NEACSM in order to receive the special conference rate. Please reserve your room no later than October 21 in order to receive the special rates listed below:

### The Westin Providence

One West Exchange Street  
Providence, RI 02903  
(401)-598-8000  
\$139.00/night

### Hilton Providence

21 Atwells Avenue  
Providence, RI 02903  
(401)-831-3900  
\$139.00/night

### Motel 6

Warwick, RI, (401)-467-9800  
Located 15 minutes from the  
Rhode Island Convention Center.  
\$55.99-\$67.99/night, 10% discount  
for reservations made via internet:  
[www.motel6.com](http://www.motel6.com), click "6" and  
go to "internet specials".

## DIRECTIONS TO THE CONFERENCE

### From the South

Take 95 North to Exit 16 to Route 10 North. Continue North to the Dean Street Exit. Once on the exit, stay to the left, and at the light cross over Dean Street. Then take your first right onto West Exchange Street to the Rhode Island Convention Center Garage.

### From the North

Take 95 South to the Civic Center Interchange, Exit 22, Downtown Providence. Stay to the left on the ramp; at the end go right. At the light go right to the Rhode Island Convention Center Garage.

*For more detailed directions, log on to: [www.neacsm.org](http://www.neacsm.org)*

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Annual Fall Conference  
New England ACSM

November 5 & 6, 2009  
Rhode Island Convention Center  
Providence, Rhode Island

NEACSM Office  
The Hospital of  
Central Connecticut  
100 Grand Street  
New Britain, CT 06050

## Welcome!

I am pleased to invite you to take part in the Annual Regional Chapter Meeting of the New England American College of Sports Medicine. The Program Planning Committee and I are excited about the variety of scientific and clinical presentations at this year's meeting that are of interest to students and professionals alike. This year's Keynote Lecturers are Scott Powers, Ph.D., Endowed and Distinguished Professor at the University of Florida who will be speaking on muscle atrophy and Daniel Lieberman, Ph.D., Professor of Biological Anthropology at Harvard University, who will present on human health and evolution.



In addition we have a number of invited speakers who are subject matter experts in their respective areas speaking on topics ranging from carbohydrate restriction, appetite, exercise training and puberty, muscle growth and injury, and the control of blood pressure. We are also fortunate to have a special session on the Exercise is Medicine initiative and are continuing the Past-President's lecture, re-introduced at last year's meeting. This year, John Castellani, Ph.D. will lecture on the history of exercise science within the New England region. As in years previous, we are including the Regional Sports Medicine Conference into the schedule and topics in these sessions include musculoskeletal ultrasound, osteopathic manipulation, making return to play decisions and a number of case presentations by Sports Medicine Fellows.

In addition to the numerous scientific, clinical and informational sessions there will be a number of social activities including the President's Reception and the 6th Annual College Bowl on Thursday evening. For students, special events include the President's Luncheon and the Free Communication Student Investigator Awards. Students who are interested in attending the Luncheon should sign up when registering, as space is limited.

We hope that you will take full advantage of the programs, events, social and networking opportunities at this year's meeting. On behalf of the New England Chapter, thank you for attending the NEACSM 2009 Fall Meeting.

Please feel free to contact the NEACSM office at (860) 224-5888 if you have any questions. For more information about the 2009 NEACSM conference go to [www.neascsm.org](http://www.neascsm.org).

*Robert W. Kenefick, Ph.D., FACSM  
President-Elect and Program Chair*

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# NEACSM Program

## SCHEDULE

Registration for both days begins at 8:00 am.

**Thursday:** *Conference:* 8:30 am - 5:30 pm.

**Friday:** *Conference:* 8:30 am - 3:45 pm.

## ACCREDITATION

### Continuing Education Credits

NEACSM is an approved provider for ACSM and the Board of Certification, Inc. (BOC-P788). We have applied for twelve and a half (12.5) hours of CECS. Attendance verification forms will be available upon request. Continuing Medical Education (CME) credits have been filed with the American Academy of Family Physicians. *Determination of CME credits is pending.*

## TARGET AUDIENCE

NEACSM and ACSM members and all professionals and students interested in the field of sports medicine and exercise science.

## OBJECTIVES

At the conclusion of the meeting, participants should be able to:

- Recognize the biological, biomechanical and physiological basis, on both the micro-structural and macro-structural levels for the changes, events and adaptations that occur during and following exercise in both normal and pathologic states.
- Learn new approaches to problems in exercise science, health promotion, and sports medicine through interaction with leading scientists, clinicians, practitioners and educators.
- Examine current basic and applied scientific and clinical information to enhance their knowledge of disease prevention and management, health and physical activity promotion, physical performance enhancement, exercise, fitness, and sports medicine.

## EVENTS

### Presidents' Student Luncheon

Thursday, November 5th: 12:30 - 1:30 pm.

### President's Reception and Student Awards

Thursday, November 5th: 5:30 - 7:00 pm.

### 6th Annual College Bowl at President's Reception

Thursday, November 5th: 5:30 - 7:00 pm.

### NEACSM Town Meeting

Friday, November 6th: 8:00 - 8:30 am.

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THURSDAY, NOVEMBER 5th

## Student Luncheon

NEACSM Student Luncheon provided in part by the David N. Camaione Fund Thursday, November 5th:

12:30 - 1:30 pm, Ballroom  
Must have a reservation.

For more information, contact:  
Donna Murphy at (860) 224-5888

## College Bowl

Students test their sports medicine knowledge in the 6th Annual 'College Bowl' Thursday, November 6th: 5:30 - 7:00 pm.

For more information, contact:  
Heinrich Doll at (410) 874-5438 or email: Hdolo96u@postoffice.uri.edu  
Peter Ronai at (203)925-4201 or email: tprona@bpthosp.org

## Student Raffle



One student who registers by September 28 will be chosen to win a one-night hotel stay.



One student who registers by September 28 will be chosen to have their conference registration fee reimbursed.

- **Keynote Lecture: Human Evolution and Human Health**  
*Daniel Lieberman, Ph.D.*
- **Invited Speaker: Linear Growth, Sport Training and Puberty: Hormonal Chaos?**  
*Alan Rogol, Ph.D.*
- **Invited Speaker: Inducing Muscle Growth After Puberty: Endogenous and Exogenous Hormonal Enigmas**  
*Bill Kraemer, Ph.D., FACSM*
- **Invited Speaker: Mechanisms of Skeletal Muscle Injury: Understanding Injury Through Understanding the Cell**  
*Maria Urso, Ph.D.*
- **Invited Speaker: AMPK: A Potential Negative Regulator of Aged Skeletal Muscle Mass and Growth**  
*Scott Gordon, Ph.D.*
- **Free Communication Sessions**
- **Tutorial: Making Sense of the Sports Food Scene**  
*Nancy Clark, MS, RD, CSSD*
- **Colloquium: Public Health and University Based Childhood Obesity Program: Application to Service Learning in Exercise Science**  
*Wendy Bjerke, MS; Paul Gallo, MA*
- **Exercise in Medicine: Applying the Message**  
*Dick Cotton, MA, ACSM Certified Preventive & Rehabilitative Program Director*
- **Symposium: The (Non)-Critical Core Temperature Hypothesis**  
*Sam Chewront, Ph.D., FACSM; Brett Ely, MS*
- **Tutorial: Relationship Between Skeletal Muscle Blood Flow and Glucose Regulation Following Exercise: Performance and Clinical Implications**  
*Thomas Pellinger, Ph.D.*
- **Tutorial: Examining Muscle Function and Dysfunction Using In Vitro Molecular Methods**  
*Ned Debold, Ph.D.*
- **Symposium: Diabetes: From Cellular Dysfunction and Adaptations to Exercise. What we Know (and Don't)**  
*Michael See, MS; Laurie Goodyear, Ph.D.; Barry Braun, Ph.D.*
- **Tutorial: Ergogenic Aids: The Good, the Bad and the Waste of Your Money**  
*Disa Hatfield, Ph.D.*
- **Past-President's Lecture: A History of Exercise Physiology in New England**  
*John Castellani, Ph.D., FACSM*
- **Roundtable-Difficult Cases and Return to Play Decisions**  
*Mark Bouchard, M.D.; Pierre Rouzier, M.D.; Matthew Pecci, M.D.*
- **Colloquium: Energy Drinks: Harm or Hype?**  
*Larry Armstrong, Ph.D., FACSM; Nancy Rodriguez, Ph.D., FACSM; Jeff Volek, Ph.D.; Jeff Anderson, M.D.; Moderated by Carl Maresh, Ph.D., FACSM*
- **Mini-Symposium: Deep Vein Thrombosis in Athletes: Competition and Coagulation**  
*Beth Parker, Ph.D.; Paul Thompson, M.D.; Wendy Bjerke, MS*
- **Case Presentations I: Sports Medicine Fellows**  
*Jeffrey Manning, M.D.; Arturo Aguilar, M.D.; Amy Macqueen, M.D.; Jansen Tiongson, M.D.*

- **Case Presentations II: Sports Medicine Fellows**  
*Deena Petrocelli, M.D.; Darius Greenbacher, M.D.; Peter Kriz, M.D.*

**Sports Medicine Presentations:**

- **Invited Speaker: Nasty and Not So Nasty MRSA Infections**  
*Henry Feder Jr, M.D.*
- **Evolution of Autologous Platelet Rich Plasma and Regenerative Therapies**  
*Herb Stevenson, M.D.*

**FRIDAY, NOVEMBER 6th**

- **Knuttgen Keynote Lecture: Mechanisms of Disuse Muscle Atrophy**  
*Scott Powers, Ph.D., FACSM*
- **Invited Speaker: I Would Have Stopped Eating But My Hormones Wouldn't Let Me**  
*Scott Montain, Ph.D., FACSM*
- **Invited Speaker: Dietary Carbohydrate Restriction Uniquely Targets Features of the Metabolic Syndrome**  
*Jeff Volek, Ph.D.*
- **Invited Speaker: Ethics in Practice**  
*Jeff Salloway, Ph.D.*
- **Invited Speaker: The Sympathetic Nervous System and Blood Pressure Regulation in Dehydration: Mechanisms and Functional Consequences**  
*Nisha Charkoudian, Ph.D., FACSM*
- **Invited Speaker: Musculoskeletal Ultrasound**  
*Alda Cossi, M.D.*
- **Tutorial: Osteopathic Manipulation: An Extra Tool in the Sports Medicine Arsenal**  
*Douglas Comeau, D.O.*
- **Tutorial: Special Lecture. Shields MRI**  
*Stephen T Sweriduk, M.D.*
- **Free Communication Sessions**
- **Colloquium: A Preview of ACSM's Guidelines for Exercise Testing and Prescription-8th Edition**  
*Linda Pescatello, Ph.D., FACSM, Deb Riebe, Ph.D., FACSM;  
Dino Costanzo, MA, RCEP, FACSM*
- **Colloquium: Musculoskeletal Injuries in the Young Performing Artist: Spring and Pelvis**  
*Pierre d'Hemecort, M.D.; Andrea Straccolini, M.D.*
- **Tutorial: Responses of NCAA Div III Collegiate Athletes to Physical Training**  
*Margaret Jones, Ph.D., FACSM, CSCS*
- **Tutorial; Practical Training for Rock Climbing from Teens to Adults**  
*Robert Huyler, B.A.*
- **Mini-Symposium: How to get Injured Athletes Back into the Game: Extending Beyond the Physical Recovery**  
*Allyson Howe, M.D.; Timothy McAteer, M.D.; Daniel O'Neill, M.D., EdD;  
Amy MacQueen, M.D.*
- **Case Presentations III: Sports Medicine Fellows**  
*Tim McAteer M.D.; Nevid Mahooti M.D.; Sarah Gibson, M.D.; Amy Costa, M.D.*

2009 MEETING SUPPORTERS

We'd like to thank all of our sponsors for their generosity



### CONFERENCE REGISTRATION

Please select from the following options to register for the NEACSM Conference: **Pre-registration will be accepted through October 19, 2009.**  
**No registration by phone or fax.**

To register by mail, simply complete and mail the registration form, along with full payment to:  
 Donna Murphy – NEACSM Office, The Hospital of Central Connecticut, 100 Grand Street, New Britain, CT 06050

To register on-line, through the NEACSM Website: [www.neasm.org](http://www.neasm.org) (Our website uses PayPal for secure on-line payment).

LAST NAME	FIRST NAME	MI
PROFESSIONAL AFFILIATION/CLUB/COLLEGE/UNIVERSITY/ORGANIZATION		
MAILING ADDRESS		
CITY	STATE	ZIP
PHONE	FAX	
E-MAIL	DEGREE	

*(Please complete one registration form per person. Be sure to circle the appropriate registration fee. Make additional copies of the form as needed.)*

**Registration Fees — Member Rates:**

**NON-MEMBERS SELECTING NOT TO PAY MEMBER DUES BELOW MUST ADD \$35 TO REGISTRATION FEE.**

	Registration As of Sept. 28	Registration As of Oct. 19	Registration On-Site	Total
Professional Member <i>1-Day – Thursday</i>	\$120	\$130	\$140	_____
Professional Member <i>1-Day – Friday</i>	\$120	\$130	\$140	_____
Professional Member <i>2-Day</i>	\$140	\$150	\$160	_____
Student Member <i>1-Day – Thursday</i>	\$35	\$40	\$50	_____
Student Member <i>1-Day – Friday</i>	\$35	\$40	\$50	_____
Student Member <i>2-Day</i>	\$50	\$55	\$65	_____

NEACSM Dues: Students \$15; Professionals \$35 — *I wish to become a NEACSM member (Expires one year from date of issue)* \_\_\_\_\_

Non-Member fee of \$35 \_\_\_\_\_

NEACSM Presidents' Student Luncheon \$5 (Must be Pre-Paid with Registration – No Refunds – Not Available on-Site) \_\_\_\_\_

Enclosed is my tax deductible donation to the David N. Camaione Fund in the amount of \_\_\_\_\_

**TOTAL AMOUNT** \_\_\_\_\_

Full payment must accompany the registration form.  Check enclosed

Registration Refund Policy: All conference registration cancellations must be requested in writing. A 50% refund may be obtained up to 10 business days prior to the event. **No refunds will be granted after October 21, 2009.** Substitutions are allowed. For additional information, please contact Donna Murphy, NEACSM Processing Coordinator at: (860)-224-5888.