Central Connecticut State University’s annual symposium will focus on the increasing importance of preparedness, recognition, and management of athletic emergencies. The course will introduce participants to topics on emergency recognition; orthopedic trauma; medical emergencies; cardiovascular incidences; and consequences of concussion and diagnostic testing.
<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:15 – 7:40</td>
<td>Registration … Exhibitors will be open</td>
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<tr>
<td>7:40 – 7:50</td>
<td>WELCOME</td>
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<tr>
<td>8:00 – 8:35</td>
<td>Preparing for Orthopaedic Emergencies</td>
<td>Robert Waskowitz, MD</td>
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<tr>
<td>8:35 – 9:10</td>
<td>Orthopaedic Emergencies- Long Bone Fractures</td>
<td>Michael Miranda, MD</td>
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<td>9:10 – 9:40</td>
<td>Facial Trauma Emergencies</td>
<td>Mark Fletcher, MD</td>
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<td>9:40 – 10:00</td>
<td>Panel Discussion</td>
<td>Moderator: Jeff Brown, MD</td>
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<tr>
<td>10:00 – 10:15</td>
<td>BREAK &amp; VISIT EXHIBITS</td>
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<tr>
<td>10:15 – 10:50</td>
<td>Preparing For Medical Emergencies</td>
<td>Patrick Ciardullo, BA NR-Paramedic, EMS-I</td>
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<td>10:50 – 11:25</td>
<td>Ultra-Athlete: A Spectrum of Medical Emergencies</td>
<td>Michelle McDade, MD</td>
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<td>11:25 – 11:55</td>
<td>The Heart of the Matter: Cardiovascular Emergencies During Competition</td>
<td>Bernard Clark, MD</td>
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<td>11:55 – 12:15</td>
<td>Panel Discussion</td>
<td>Moderator: Jeff Brown, MD</td>
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<tr>
<td>12:15 – 12:45</td>
<td>LUNCH &amp; EXHIBITS</td>
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<td>12:45 – 2:25</td>
<td>Evidence Based Approach to Long-Term Consequences of Concussions &amp; Future for Objective Diagnostic Testing</td>
<td>Christine Baugh, PhD Jessie R. Oldham, PhD</td>
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<tr>
<td>2:25 – 2:45</td>
<td>Panel Discussion</td>
<td>Moderator: Jeff Brown, MD</td>
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**2019 COURSE OBJECTIVES**

**PREPARING FOR ORTHOPEDIC EMERGENCIES – ROBERT WASKOWITZ, MD**
- Identify the components for pre-competition emergency preparedness for the sports medicine team
- Design a comprehensive emergency action plan that incorporates venue specific details for orthopaedic trauma
- Distinguish the benchmarks used in the decision-making process to transport the injured patient

**ORTHOPEDIC EMERGENCIES: LONG BONE FRACTURES – MICHAEL MIRANDA, MD**
- Identify the ‘red flags’ and complication of long bone fractures
- Understand the prognosis of long bone fractures
- Recommendations for return to sport for long bone fractures

**FACIAL TRAUMA EMERGENCIES - MARK FLETCHER, MD**
- Recognize the need for referral for a potential emergent facial injury
- Discuss facial trauma exposure and frequency in the athletic population
- Discuss return to sport and the need for protective devices post facial trauma
PREPARING FOR MEDICAL EMERGENCIES – PATRICK CIARDULLO, BA, NR-PARAMEDIC, EMS-I

• Recognize the shared responsibility for assessment and pre-hospital care
• Discuss the exchange of pertinent information between EMS and ATs
• Develop plans that are specific to the transfer of care for potential emergent conditions

ULTRA-ATHLETE: A SPECTRUM OF MEDICAL EMERGENCIES – MICHELLE McDADE, MD

• Identify electrolyte abnormalities, fueling hydration issues that may result in collapse of the athlete
• Discuss GI emergencies in endurance athletes
• Understand exercised induced anaphylaxis causes and management

THE HEART OF THE MATTER: CARDIOVASCULAR EMERGENCIES DURING COMPETITION
BERNARD CLARK, MD

• Explain risk factors associated with Commotio Cordis, supraventricular tachycardia and syncope
• Differentiate between normal and abnormal physical findings of C-V emergencies
• Recommend prognosis and return to sport guidelines

EVIDENCE BASED APPROACH TO LONG-TERM CONSEQUENCES OF CONCUSSIONS & FUTURE FOR OBJECTIVE DIAGNOSTIC TESTING
CHRISTINE BAUGH, PhD & JESSIE R. OLDHAM, PhD

• State effective means for impacting the concussed athlete’s decision to terminate athletic career
• Restate post concussive symptoms that influences the decision regarding athletic career termination
• Summarize the long-term consequences of continuation of play for concussed athletes

SPEAKERS’ BIO

MICHAEL MIRANDA, MD
Dr. Michael Miranda has been a practicing Orthopedic Surgeon since 1994. Since that time, he has operated on thousands of patients typically for complex problems. Dr Miranda has lectured over 200 times to surgeons worldwide on surgical technique. He has been recognized by the American Academy of Orthopedic Surgeons for his volunteer work overseas. He has been the Director of Orthopedic Trauma for Hartford Hospital for almost two decades. He has been recognized as one of Connecticut’s Top Doctors annually for the past ten years. Dr. Miranda attended medical school at the University of Connecticut. He stayed on there completing his 5-year residency in Orthopedic Surgery. He then completed a one-year fellowship in Trauma in Pittsburgh where he helped care for the NHL Pittsburgh Penguins. Dr. Miranda then completed other fellowships in both Switzerland and Germany. Dr. Miranda’s professional interests include minimally invasive surgery including arthroscopy of the shoulder and knee: managing complex fractures, nonunions and malunions. He is recognized worldwide as an expert in osteotomies of the bone. He currently sees patients in Hartford, Farmington and Glastonbury.

MARK FLETCHER, MD
Dr. Fletcher is a board certified oral and maxillofacial surgeon. He has been on the attending medical staff at Hartford Hospital for 18 years and currently serves as the section head of oral and maxillofacial surgery. Dr. Fletcher completed his oral and maxillofacial surgery residency and general surgery internship at Thomas Jefferson University Hospital in Philadelphia. He holds a faculty appointment as a Clinical Assistant Professor in the Division of Oral and Maxillofacial Surgery at the University of Connecticut School of Dental Medicine and maintains active staff privileges at
Hartford Hospital, Connecticut Children's Medical Center, and UConn. He serves as an active member of the maxillofacial trauma team at Hartford Hospital. Dr. Fletcher maintains a private practice in oral and maxillofacial surgery in Avon, CT, and is actively involved in the oral and maxillofacial surgery residency program at the University of Connecticut.

MICHELLE MCDADE, MD
Currently, Dr. Michelle McDade is the Associate Chief of Emergency Medicine at The Hospital of Central Connecticut as well as the medical director for New Britain EMS Academy, where she teaches and mentors paramedic students. Dr. McDade graduated from the University of Oregon with both a bachelor's degree and a teaching degree. She then graduated with her medical degree from Oregon Health and Sciences University and completed her residency at The University of Connecticut. As an emergency medicine physician, McDade is passionate about melding current, cutting-edge care with a patient-centered focus. She started her career early as chief resident receiving the Senior Leadership Award, the Distinguished Senior Award, and the Resident Teaching Award. Over the past several years, she has expanded her focus more towards teaching. In 2014 and 2015, McDade was the recipient of the Excellence in Teaching in Emergency Medicine Award from the UConn internal medicine residents. McDade has been the recipient of several distinguished awards including Physician of the Year in 2008 and The Physician Humanitarian Award in 2014. When not working, McDade is an avid endurance athlete, completing two half-ironman races, nine marathons and countless shorter races.

BERNARD CLARK, MD
Dr. Bernard Clark is a cardiologist in Hartford, Connecticut and is affiliated with St. Francis Hospital and Medical Center. He received his medical degree from George Washington University School of Medicine and has been in practice for 35 years. He is a native of Maryland and initially came to Connecticut to train in internal medicine. Following a two year commitment to the Public Health Service in Pennsylvania, he returned to Hartford for a cardiology fellowship and joined the faculty at Saint Francis as director of cardiac rehabilitation and exercise laboratory in 1984. He has served as Chairman of the Department of Medicine and Associate Chief of the Section of Cardiology and is currently the Director of Non-Invasive Cardiology. Additionally, he holds the appointment of Professor of Medicine at the University of Connecticut School of Medicine (Saint Francis Hospital and Medical Center).

ROBERT WASKOWITZ, MD
Dr. Robert Waskowitiz serves as the senior team physician for Central Connecticut State University Athletics and medical director for the Athletic Training Education Program. Dr. Waskowitiz graduated from the University of Vermont, College of Medicine in 1990 and completed his General Surgery Internship and Orthopedic Residency at the University of Pittsburgh Medical Center. He then completed a Sports Medicine Fellowship at the prestigious Steadman-Hawkins Clinic in Vail, Colorado. Dr. Waskowitiz is one of the primary physicians covering the Summer and Winter X-Games for ESPN. He was awarded the Moyer Award from the Eastern Athletic Trainers Association in 2012 for his work as a team physician. Dr. Waskowitiz continues to serve as an elected board member of the Connecticut State Medical Society (CSMS) Committee on the Medical Aspect of Sport (CMAS). He is a member of numerous societies including the American Academy of Orthopedic Surgeons, Connecticut State Medical Society, and the Connecticut Orthopedic Society.
PATRICK CIARDULLO, BA, NR-PARAMEDIC, EMS-I
Patrick’s career in public safety spans 18 years. He completed his undergraduate at CCSU in sociology with a minor in criminology. He is a nationally registered and state licensed paramedic and EMS-Instructor. He has been with New Britain EMS for almost 16 years working as an EMT, Field Training Officer, paramedic, Shift Lieutenant and Lieutenant of Professional Standards. Patrick now serves as the Captain of Professional Standards and Training for New Britain EMS. In this role he manages internal training & education, quality improvement, and community outreach for the New Britain EMS operations division as well as functioning as the director of the New Britain EMS Academy.

JESSIE R. OLDHAM, PhD
Dr. Oldham is a post-doctoral research fellow at The Micheli Center, under the direction of Dr. William Meehan III, and a lead research technologist in the Division of Sports Medicine at Boston Children’s Hospital. Dr. Oldham completed her undergraduate education at North Carolina State University in 2011, with Bachelor of Science degrees in biology and nutrition. She completed her master’s degree in kinesiology from the University of North Carolina at Charlotte in 2014 where she also received the Outstanding Graduate Student Award. Dr. Oldham received her PhD in applied physiology from the University of Delaware in May 2018. During her doctoral career, she was a finalist for the NATA Foundation Doctoral Student Award, an American Kinesiology Association scholar, and the University of Delaware Exercise Science Outstanding Graduate Student Award winner. Her primary research focus is sport-related concussion and postural control.

CHRISTINE BAUGH, PhD
Dr. Baugh is a Harvard-trained health policy and ethics researcher with a focus on athlete injury. She has been at the forefront of concussion research, including groundbreaking work on the long-term neuropathology Chronic Traumatic Encephalopathy, policy implementation studies in the NCAA context, and critical work understanding how athletes make decisions to report or not report an injury or concussion. Her work has won her numerous awards including being listed as one of Forbes 30-Under-30 in Sports, has been featured in popular media outlets like the New York Times and Sports Illustrated, and has resulted in over 50 peer-reviewed publications in journals such as JAMA.

MODERATOR
JEFF BROWN, MD
Dr. Jeff Brown is a team physician at Central Connecticut State University. He graduated from Brown University’s School of Medicine in 1999 and completed a sports medicine fellowship at the University of Connecticut in 2004. Dr. Brown practices sports medicine and family medicine at Hartford Healthcare Medical Group. In May, he will join the Sports Medicine Institute at St. Francis Hospital and Medical Center, and will become the associate director of the UCONN primary care sports medicine fellowship.
PROGRAM COST

Pre-registration Fee prior to 2/22/2019
$120.00 lunch included

On Site Registration Fee after 2/23/2019
$130.00 lunch included

ON-LINE REGISTRATION: Credit Card or e-Check
www.ccsu.edu/athletictraining

MAIL IN-REGISTRATION: Check
Mail completed Registration FORM with CHECK to:
Kathy Pirog, ATC
Head Athletic Trainer, Kaiser Hall
Central Connecticut State University
1615 Stanley Street, New Britain, CT 06050

Mail in Registrations
Check payable to “Central Connecticut State University”
NON-DISCRIMINATORY POLICY
Central Connecticut State University’s Athletic Training Department does not discriminate on the basis of race, color, national origin, religion, sex, disability, military status, sexual orientation or age. Central Connecticut State University’s Athletic Training Department is committed to accessibility and non-discrimination in all aspects of its continuing education activities. Participants who have special needs are encouraged to contact program organizers so that all reasonable efforts to accommodate their needs can be made.

CANCELLATION AND REFUND POLICY
There will be no refund for cancellations. Registration refund will only be provided in the event of program cancellation. If participants register and do not attend, they are still responsible for full payment.
Program postponement or cancellation due to inclement weather will be posted at:
Website: www.ccsu.edu/cancellation
Telephone #: 860-832-3062

STATEMENT OF CREDIT
Central Connecticut State University’s Athletic Training Department is recognized by the Board of Certification Inc. to offer CEUs for Certified Athletic Trainers. This program has been approved for a maximum of 6.00 hours of Category A CEU’s. Certified Athletic Trainers are responsible for claiming only those hours actually spent participating in the continuing education activity.

BOC Approved Provider Number: P517
According to the education levels described by the CEC Committee of the NATA this continuing education course is considered to be at the Essential Level.

DIRECTIONS
FROM THE EAST • Take I-84 West to Exit 39A to Rt. 9 South. Take Exit 29 off of Rt. 9 to Ella Grasso Boulevard and take a right turn to the University. Alternate Route: Take I-84 West to Exit 40, (Corbins Corner), take a left turn at end of exit ramp, and a right turn at the next traffic light onto Rt. 71 South. Follow Rt. 71 South 3 miles to the University.
FROM THE WEST • Take I-84 East to Exit 39A to Rt. 9 South. Take Exit 29 off of Rt. 9 South to Ella Grasso Boulevard and take a right turn to the University. Alternate Route: Take I-84 East to Exit 35, Rt. 72 East (New Britain Exit). Follow Rt. 72 East to Rt. 9 North and take Exit 29 to Cedar Street (Rt. 175). At the traffic light at the end of the ramp, take a left turn to the second traffic light, and take a right turn onto Paul Manafort Drive to the University.
FROM THE SOUTH (New York area) • Take I-95 North to I-91 North to Exit 22 North to Rt. 9 North. Follow Rt. 9 to Exit 29, Cedar Street (Rt. 175). At the traffic light at the end of the ramp, take a left turn to the second traffic light, and take a right turn onto Paul Manafort Drive to the University. From the SOUTH (Rhode Island area) • Take I-95 South to Rt. 9 (Old Saybrook). Take Rt. 9 North to Exit 29, Cedar Street (Rt. 175). At the traffic light at the end of the ramp, take a left turn to the second traffic light, and take a right turn onto Paul Manafort Drive to the University.
FROM THE NORTH • Take I-91 South to I-84 West to Exit 39A, to Rt. 9 South. Take Exit 29 off Rt. 9 South to Ella Grasso Boulevard and take a right turn to the University. Alternate Route: Take I-91 South to I-84 West to Exit 40 (Corbins Corner), take a left turn at the end of the exit ramp, and a right turn at the next traffic light onto Rt. 71 South, 3 miles to the University.

Please park in the Student Center or Copernicus Parking Garage
CCSU Campus MAP www.ccsu.edu/page.cfm?p=4191