

# A New Era of Scientific Collaboration

NCAA-U.S. Department of Defense  
Grand Alliance Concussion Conference

THIRD ANNUAL | APRIL 24, 2019



**BIG**   
Presented in partnership with  
the Big Ten Conference and the  
University of Wisconsin-Madison.



## Conference Description

The NCAA Sport Science Institute and U.S. Department of Defense, in partnership with the Big Ten Conference and the University of Wisconsin-Madison, are pleased to present the third annual Grand Alliance Concussion Conference: A New Era of Scientific Collaboration. The conference will build on the first two sport-related concussion conferences hosted in partnership with the Pac-12 Conference and the University of California, Los Angeles, and the Patriot League along with the U.S. Military Academy. During the event, concussion experts and researchers will share preliminary and recently publicized information from the NCAA-DoD Grand Alliance, the largest concussion study and educational grand challenge ever conducted. Lectures will be didactic and demonstrative, and there will be ample time for panel discussions and questions and answers.

### Target Audience

This conference is offered at no cost and designed for up to 250 athletic trainers, team physicians, sports medicine clinicians and athletic health care administrators from NCAA member schools, and other key stakeholders who oversee and manage sport-related concussion and repetitive head impacts.

### Conference Details

**Date:** Wednesday, April 24, 2019

**Time:** 8 a.m. to 4:15 p.m. Central time

**Location:** University of Wisconsin - Discovery Building – 330 N. Orchard St., Madison, WI 53715

**Meals:** Included in the conference will be breakfast, lunch and breaks. Breakfast will be available between 7 and 8 a.m. on the day of the conference.

### Course Learning Objectives

- ▶ Describe the knowledge gaps in concussion and repetitive head impact exposure.
- ▶ Explain the rationale for developing the NCAA-DoD Grand Alliance, which includes the largest, prospective, longitudinal clinical and advanced research study ever conducted in the history of concussion.
- ▶ Identify and understand emerging clinical and advanced research developments in sport-related concussion and repetitive head impact exposure.
- ▶ Identify educational programs and research projects designed to change the culture of concussion safety.
- ▶ Explain how science can transform policy and societal views on concussion and repetitive head impacts.



## Continuing Education



JOINTLY ACCREDITED PROVIDER™  
INTERPROFESSIONAL CONTINUING EDUCATION

### Accreditation Statement

In support of improving patient care, this activity has been planned and implemented by the University of Wisconsin-Madison Interprofessional Continuing Education Partnership (ICEP) and the NCAA. The University of Wisconsin-Madison ICEP is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE) and the American Nurses Credentialing Center (ANCC) to provide continuing education for the health care team.

### Credit Designation Statement

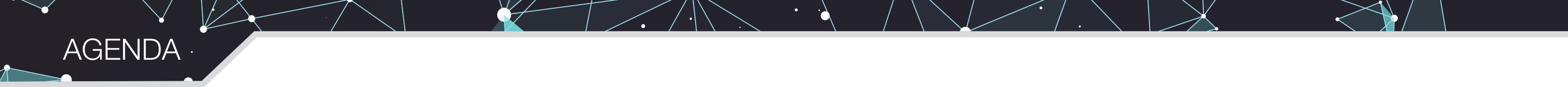
The University of Wisconsin-Madison ICEP designates this live activity for a maximum of 6.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



### Accreditation for Athletic Trainers

University of Wisconsin Sports Medicine (BOC AP# ) approval is pending from the Board of Certification, Inc., to provide continuing education to athletic trainers. This program may be eligible for a maximum of 6.5 EBP Category hours/CEUs. Athletic trainers should claim only those hours spent in the educational program.

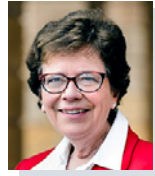




8 to 8:10 a.m.	<b>Welcome and Introduction</b> Rebecca Blank
8:10 to 8:15 a.m.	<b>Conference Overview</b> Brian Hainline
8:15 to 9 a.m.	<b>Part 1: Concussion as a Public Health Matter: Global Perspectives</b> <i>Historical Overview of the NCAA and its Place in Society</i> – Chad Hawley <i>The NCAA-DoD Grand Alliance: NCAA Perspective</i> – Brian Hainline <i>The NCAA-DoD Grand Alliance: DoD Perspective</i> – Elizabeth Fudge <i>Addressing the Knowledge Gaps of Concussion</i> – Retired Col. Dallas Hack
9 to 10 a.m.	<b>Part 2: Defining and Staging Concussion</b> <i>Concussion Definitions: Past, Present and Future</i> – LaGwyn Durden <i>Concussion Pathophysiology: Functional and Neuropathological Considerations</i> – Uzma Samadani <i>Concussion Biomechanics: Addressing Multiple Moving Forces</i> – Tom Talavage <i>Concussion Subtypes</i> – Capt. Scott Pyne
10 to 10:15 a.m.	<b>Break</b>
10:15 a.m. to noon	<b>Part 3: Shaping the Future of Concussion Knowledge and Policy: The NCAA-DoD Concussion Assessment, Research and Education Consortium</b> <i>The NCAA-DoD Grand Alliance: Advancing the Science and Changing the Culture of Concussion</i> – Thomas McAllister <i>Emerging Information from the NCAA-DoD Concussion Assessment, Research and Education Consortium</i> <i>Longitudinal Clinical Study Core</i> – Steve Broglio <i>Advanced Research Core</i> – Thomas McAllister <i>The Role of the Service Academies in CARE: Lessons Learned and Best Practices</i> – Retired Col. Paul Pasquina <i>Concussion Management Concepts Unique to the U.S. Military Academy</i> – Lt. Col. Benjamin Ingram

Noon to 1 p.m.      **Lunch**

1 to 1:45 p.m.	<b>Part 4: Concussion Management Considerations</b> <i>The Unique and Evolving Role of the Athletic Trainer in Concussion Diagnosis and Management</i> – Michael Moll <i>Mental Health and Concussion</i> – Claudia Reardon <i>Concussion in Female Athletes</i> – Tracey Covassin
1:45 to 2 p.m.	<b>Break</b>
2 to 3 p.m.	<b>Part 5: How We Are Changing the Culture of Concussion Safety</b> <i>NCAA-DoD Mind Matters Challenge Overview</i> – Emily Kroshus <i>Emerging Research Challenge Results</i> – Dee Warmath <i>Service Academy-Specific CARE Data</i> Kate Van Pelt, Kenneth Cameron
3 to 3:30 p.m.	<b>Part 6: Translating Emerging Science into Policy</b> Francis Shen, Tory Lindley, David Klossner, Katherine Lee, Brian Hainline (Moderator)
3:30 to 4:10 p.m.	<b>Part 7: Point-Counterpoint</b> <i>Emerging Concussion Diagnosis and Management Guidelines: Where to Turn</i> – Tracie Lattimore, Tracey Covassin, Brian Lund, Retired Col. Dallas Hack (Moderator) <i>Variances Between Student-Athlete and Non-Student-Athlete Cadet Return-to-Activity</i> – Steve Broglio, Col. Sidney Hines, Retired Col. Paul Pasquina, Retired Col. Dallas Hack (Moderator)
4:10 to 4:15 p.m.	<b>Concluding Remarks</b> Brian Hainline



**Rebecca Blank, Ph.D.**  
Chancellor, University of Wisconsin-Madison



**Elizabeth Fudge, M.P.H., M.N., FNP**  
Executive Officer and Supervisory Program Analyst, Office of the Assistant Secretary of Defense for Health Affairs, U.S. Department of Defense



**Lt. Col. Benjamin Ingram, M.D., FAAFP**  
Chief Medical Officer, California Medical Detachment



**Tory Lindley, M.A., ATC**  
Senior Associate Athletics Director for Health, Safety and Performance, Director of Athletic Training Services, Northwestern University



**Capt. Scott Pyne, M.D.**  
Division Chief of the Defense and Veterans Brain Injury Center; Assistant Professor of Family Medicine, Uniformed Services University of the Health Sciences



**Tom Talavage, Ph.D.**  
Professor, Weldon School of Biomedical Engineering, Purdue University



**Steve Broglio, Ph.D., ATC**  
Director, NeuroTrauma Research Laboratory, University of Michigan



**Retired Col. Dallas Hack, M.D., M.P.H.**  
Brain Health Consultant



**David Klossner, Ph.D.**  
Associate Athletics Director, Director of Sports Performance, University of Maryland, College Park



**Brian Lund, ATC**  
Head Football Athletic Trainer, University of Wisconsin-Madison



**Claudia Reardon, M.D.**  
Associate Professor, University of Wisconsin School of Medicine and Public Health



**Kathryn Van Pelt, Ph.D.**  
Post-Doctoral Fellow, University of Kentucky Sanders-Brown Center on Aging



**Kenneth Cameron, Ph.D., M.P.H., ATC, FNATA**  
Director of Orthopaedic and Sports Medicine Research, John A. Feagin Jr. Orthopaedic Sports Medicine Fellowship, Keller Army Hospital, U.S. Military Academy



**Brian Hainline, M.D.**  
Clinical Professor of Neurology, Indiana University School of Medicine, New York University School of Medicine; Chief Medical Officer, NCAA



**Emily Kroshus, Sc.D., Ph.D.**  
Assistant Professor, Department of Pediatrics, Seattle Children's Research Institute, Center for Child Health, Behavior and Development, University of Washington



**Thomas McAllister, M.D.**  
Albert E. Sterne Professor and Chair, Department of Psychiatry, Indiana University School of Medicine



**Uzma Samadani, M.D., Ph.D.**  
Rockswold Kaplan Endowed Chair for Traumatic Brain Injury Research, Hennepin County Medical Center; Associate Professor of Neurosurgery, University of Minnesota



**Dee Warmath, Ph.D.**  
Assistant Professor, College of Family and Consumer Sciences, University of Georgia



**Tracey Covassin, Ph.D.**  
Director, Sport Concussion Research Laboratory, Michigan State University



**Chad Hawley**  
Associate Commissioner, Policy, Big Ten Conference



**Tracie Lattimore, M.S.N., NP-C**  
Director of Traumatic Brain Injury Program, U.S. Office of Army Surgeon General



**Michael Moll, ATC**  
Assistant Athletics Director of Sports Medicine, University of Wisconsin-Madison



**Francis Shen, J.D., Ph.D.**  
Executive Director of the Harvard MGH Center for Law, Brain, and Behavior; Associate Professor of Law, University of Minnesota



**LaGwyn Durden, ATC**  
Director of Sports Medicine, NCAA Sport Science Institute



**Col. Sidney Hinds, M.D.**  
Program Coordinator, Blast Injury Research Program Coordinating Office, U.S. Army Medical Research and Materiel Command



**Katherine Lee, ANP/CNRRN**  
Special Assistant for TBI to the Deputy Assistant Secretary of Defense for Health Readiness Policy and Oversight

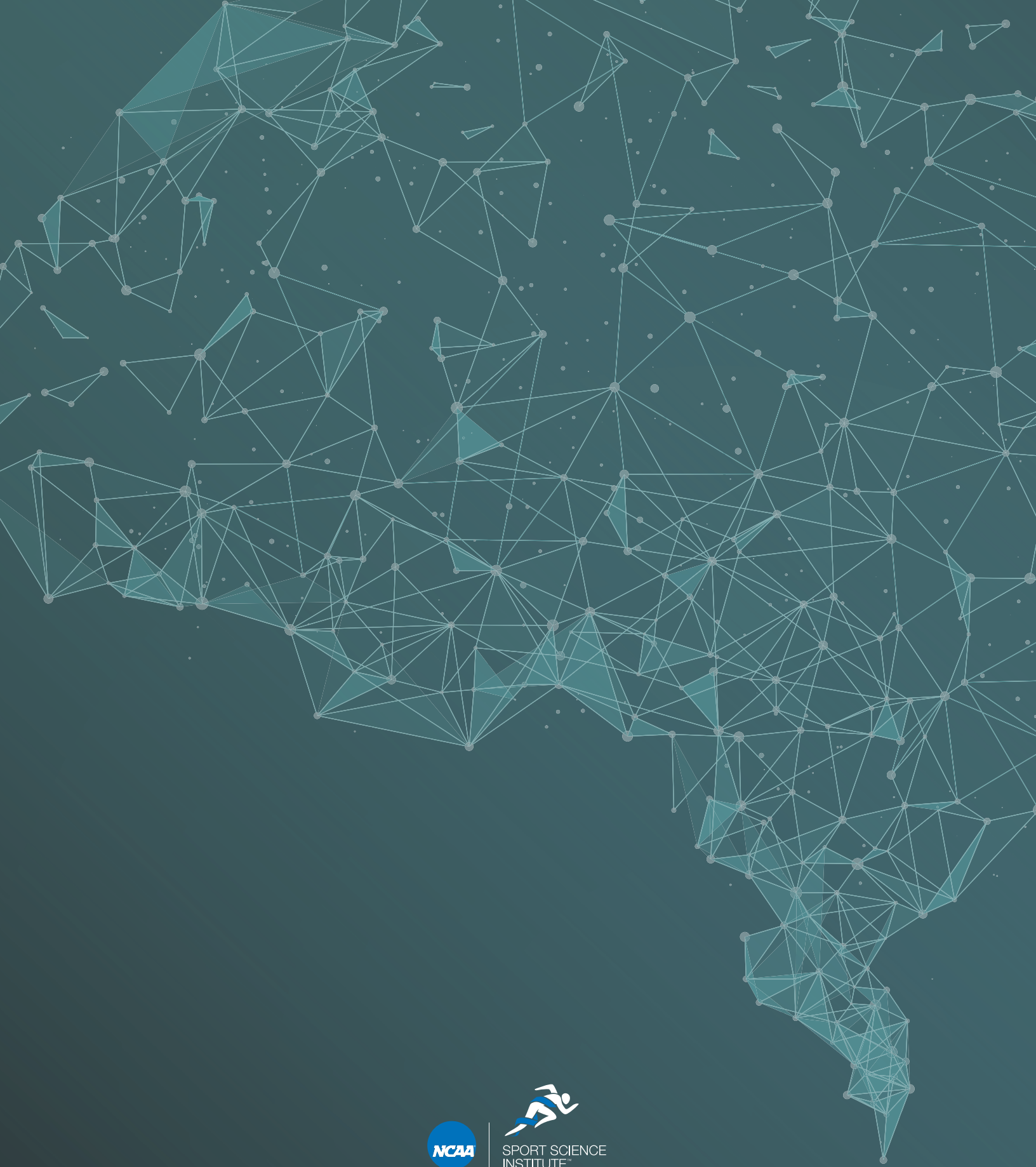


**Retired Col. Paul Pasquina, M.D.**  
Professor and Department Chair, Physical Medicine and Rehabilitation, Uniformed Services University of the Health Sciences; Department Chief of Rehabilitation, Walter Reed National Military Medical Center

## Questions?

If you have any questions, please contact the NCAA Sport Science Institute at [ssi@ncaa.org](mailto:ssi@ncaa.org).





NCAA and the SSI are trademarks of the National Collegiate Athletic Association.  
All other licenses or trademarks are property of their respective holders.