Why is the CARE Consortium important?
From 2001-2009, there was a 57% increase in the incidence of emergency department visits for sport-related injuries resulting in a concussion/TBI diagnosis in children 19 and younger.

What is the CARE Consortium?
The CARE Consortium is a $30 million initiative between the NCAA, U.S. Department of Defense and participating institutions to study and prevent sports-related concussions and enhance the safety of student-athletes, service members, youth sports participants and the broader public. The CARE Consortium is led by three investigators from the IU School of Medicine, the University of Michigan, and the Medical College of Wisconsin.

How is the CARE Consortium working to fix this problem? A 3-step approach:
1. Create a national multi-site consortium and collect data from college student athletes as a sustainable framework to study and achieve clinical and scientific priorities.
2. Conduct a thorough, multi-center, multi-sport investigation that traces the natural history of concussion by assessing post-concussive symptoms, performance and psychological health.
3. Conduct advanced studies that integrate biomechanical, clinical, neuroimaging, neurobiological and genetic markers of injury to advance understanding of the neurophysiological effects and recovery after sport-related concussion.

The NCAA-DoD Grand Alliance: Concussion Assessment, Research and Education Consortium
IU School of Medicine • University of Michigan • Medical College of Wisconsin

Sport-Related Concussion by the numbers
- 300,000 sport-related traumatic brain injuries occur each year in the U.S.
- 40.5% of total concussions for high school and collegiate athletes resulted from football
- More than 50% of athletes suffering a concussion returned to play in nine days or less
- Only 47% of high school football players claiming to have suffered a concussion reported it

The IU School of Medicine and the CARE Consortium
A nationwide leader in concussion research, prevention and treatment, the IU School of Medicine is the administrative coordinating center for the consortium, with multi-departmental involvement:

- Thomas McAllister, M.D.
  Chair, Department of Psychiatry
- Barry Katz, Ph.D.
  Chair, Department of Biostatistics
- Andrew Saykin, Psy.D.
  Director, IU Center for Neuroimaging
- Tatiana Foroud, Ph.D.
  Chair, Department of Medical & Molecular Genetics

“We hope that the work and research of the CARE Consortium will make a lasting impact on sports medicine and on how we approach, diagnose, treat and prevent concussions. By leveraging multiple sites, sports and athletes on a nationwide scale, we can collect convincing data to change the way the public views and understands brain injury.”

-THOMAS McALLISTER, M.D.

Want to learn more about how the CARE Consortium could revolutionize sports medicine? Visit careconsortium.net

Share the facts! #concussion #TBI #braininjury

Want to know more? Visit medicine.iu.edu/research/areas-of-expertise

SOURCE: “Concussions Among United States High School and Collegiate Athletes"