

# National Center for Catastrophic Sport Injury Research

The *mission* of the National Center for Catastrophic Sport Injury Research (NCCSIR) is to conduct surveillance of catastrophic injuries and illnesses related to participation in organized sports in the United States at the professional, collegiate, high school, and youth levels of play.



**National Center for  
Catastrophic Sport Injury Research**

The **goal** of the Center is to improve the prevention, evaluation, management, and rehabilitation of catastrophic sports-related injuries.

The most common types of fatal events are acute trauma to the head/neck/spine, exertional-related heat events, exertional-related cardiac events, and disruption of cardiac rhythm due to blunt chest impacts (commotio cordis).

National surveillance of catastrophic sports-related injuries conducted by the National Center for Catastrophic Sports Injury Research (NCCSIR) over the last

thirty years has facilitated the introduction of numerous sports safety interventions.

## The Consortium for Catastrophic Injury Monitoring in Sport

Was created to develop a stronger national active surveillance program to improve reporting and monitoring of these catastrophic sports injuries.

The Consortium is a partnership between several different institutions and programs. It is divided into three research divisions corresponding to the major types of catastrophic injuries.

### Consortia Research Divisions

#### Exertional Injuries - Douglas Casa, PhD, ATC

- Heat
- Sickling
- Asthma
- Diabetes



#### Traumatic Injuries - Johna Register-Mihalik, PhD, ATC

- Head
- Spine
- Internal organ
- Lightning



#### Cardiac Injuries - Jonathan Drezner, MD

- Sudden cardiac arrest
- Sudden cardiac death



### Research Partners

- Datalys Center, Inc. and High School RIO—Christine Collins, PhD
- Injury Prevention Research Center, UNC-Chapel Hill—Steve Marshall, PhD
- Lebanon Valley College—Tom Dompier, PhD, ATC

### Funding Partners

- American Football Coaches Association (AFCA)
- American Medical Society for Sports Medicine (AMSSM)
- National Athletic Trainers' Association (NATA)
- National Collegiate Athletic Association (NCAA)
- National Federation of State High School Associations (NFHS)
- National Operating Committee on Standards for Athletic Equipment (NOCSAE)

### To contact the NCCSIR:

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Report a catastrophic sport injury event at:  
<https://www.sportinjuryreport.org>