



NTCB3

Welcome!



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CB3 Concussion Assessment Program

The Neuropsychology Lab and the Dizziness and Balance Lab in CB3 collaborate with Dr. Lonnie Albers and the UNL Sports Medicine staff to provide state of the art baseline and post injury concussion assessments for concussed student athletes at UNL. Club Sports athletes also receive baseline neuropsychological testing and follow-up through the University Health Center as part of a unique collaboration. Consultation with other programs (collegiate, schools, professionals) is also available.

Current CB3 Research Studies

- N** -Traumatic Brain Injury Collaboration (IRB #13393). Assessing concussed athletes using high density EEG/ERP, balance, vision and neurocognitive assessments.
- N** -Characterizing effects of anxiety on postural sway in collegiate athletes
- N** -Characterizing effects of fatigue following physical exertion on DVA
- N** -Development of Head Shake Postural Control Protocol
- N** -Long-Term Effects of Head Injury in retired athletes. Assessing retired athletes with state of the art methods.
- N** -NCAA-DoD Grand Alliance Care Consortium: UNL is part of this project that is evaluating the natural history of concussion including risks, treatment, and management.
- N** -Big Ten institutions, including UNL, are joining the Ivy League Concussion Epidemiology Study
- N** -Brain Concussion Neuroimaging Consortium, features some of the premiere neuroimaging labs in the nation, including UNL.
- N** -The Culture of Sport: A network Analysis. A network analysis of peer influence in injury reporting and treatment

Big Ten/CIC-Ivy League Traumatic Brain Injury Research Collaboration

CB3 plays an active role in the groundbreaking research collaboration that includes the 23 schools in the Big Ten and Ivy League conferences. Dr. Molfese is the Scientific Director and Dr. Maerlender is the Research Director for the group. This Collaboration is managed through the Committee on Institutional Collaboration which is the academic consortium for the Big Ten. The collaboration supports specific efforts to link researchers and athletic clinicians on TBI research and protocols by having six working groups and holding an annual TBI summit

