

## Jason Mihalik



Dr. Jason Mihalik is an Associate Professor in the Department of Exercise and Sport Science. He is the Co-Director of the Matthew Gfeller Sport-Related Traumatic Brain Injury Research Center. Jason teaches courses in Biomechanics (EXSS 385) and Undergraduate Research Methods (EXSS 273), and Graduate Statistics and Research Methods. Jason completed his undergraduate degree in Exercise Science with a specialization in Athletic Therapy at Concordia University (Montreal, Quebec, Canada) in 2001. He completed his graduate work in Sports Medicine at the University of Pittsburgh (Pittsburgh, PA), earning his Master's Degree in December 2004. He was a recipient of a 5-year Royster Fellowship, allowing him to ultimately complete his doctoral work in Human Movement Science at The University of North Carolina at Chapel Hill in the summer of 2009.

Mihalik's primary research interest intersects head trauma biomechanics with clinical outcomes in civilian athletes and military warfighters. He investigates the effectiveness of innovative concussion assessment, management, and rehabilitation technologies. He is additionally interested in the interrelationships between ocular and vestibular function, as well as the utility of neuroimaging and neurophysiology, in the context of the concussion management paradigm. He has developed smartphone applications designed to assist lay rescuers in recognize concussion signs and symptoms and intervene accordingly. He is also the Chief Science Officer for Senaptec LLC, a startup company in the visual and sensory performance space. Jason also studies field management of neurotraumatic spine-related injuries. Jason has been the recipient of 34 funded research grants (21 as Principal Investigator), and has published over 85 journal articles and 10 textbook chapters related to concussion in sport.