

Jason Mihalik, Ph.D., CAT(C), ATC

Associate Professor, Department of Exercise and Sport Science & Co-Director, Matthew Gfeller Sport-Related Traumatic Brain Injury Research Center, College of Arts and Sciences at UNC-Chapel Hill
Chapel Hill, NC, US

Mihalik's research interests include sport-related concussions and the biomechanics related to head trauma.

Description

Jason Mihalik is an Associate Professor in the Department of Exercise and Sport Science and an Adjunct Assistant Professor in the Department of Allied Health Sciences in the School of Medicine. He is the Co-Director of the Matthew Gfeller Sport-Related Traumatic Brain Injury Research Center, and currently serves as the Director of the EXSS Cadaver Anatomy Laboratory. He teaches courses in Biomechanics (EXSS 385) and Undergraduate Research Methods (EXSS 273), and Graduate Statistics and Research Methods. Mihalik 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 at The University of North Carolina at Chapel Hill in the summer of 2009. He is currently the Vice-President for the Canadian Athletic Therapists Association.

Mihalik's primary research interests include head trauma biomechanics. He is additionally interested in the interrelationships between visual and sensory performance and exploring the utility of neuroimaging and neurophysiology in the context of the concussion management paradigm. He is working with smartphone app technology to study the common pathways to managing head trauma from the sideline through the emergency department. He has a general interest in concussion management, particularly in further understanding the sequellae associated with mild TBI in athletes. He also has an interest in the field management of neurotraumatic spine-related injuries.

Topics

Biomechanics of head trauma, Sport-related traumatic brain injury, Concussion management, Postconcussion Syndrome, Concussion Rehabilitation, Neurotraumatic Spine-Related Injuries, Neuroscience, Understanding head trauma in the military

Education

University of North Carolina at Chapel Hill
Ph.D. Human Movement Science

University of Pittsburgh
M.S. Sports Medicine

Concordia University
B.Sc. Exercise Science

Accomplishments

Director, Exercise and Sport Science Cadaver Anatomy Laboratory
July 2009 to present

10-time winner

Canadian Athletic Therapists Association National Writing Award

Advancement of Science Award

Neuro-Optometric Rehabilitation Association
2014

Member, Royster Society of Fellows

The UNC Graduate School's select interdisciplinary fellowship program that attracts exceptional graduate students from around the world,

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