

School of Health Sciences Seminar

15 February, 1-2pm, MED 1.02

Dr Michael Grey

Reader in Rehabilitation Neuroscience, School of Health Sciences

"Concussion in Sport: Toward a Better Assessment"

Seminar Presentation

Recent high profile incidences in professional sport and the media have highlighted the need for greater awareness and acknowledgment of concussion in sport. This talk will cover the mechanisms and pathophysiology of concussion and the difficulties associated with assessing the potentially concussed athlete. We will discuss our recent work with professional rugby investigating the use physiological tests to improve the return to play decision. Included in the talk will be the presentation of a novel Virtual-Reality based balanced test which will be featured in an upcoming BBC Inside-Out programme about concussion in football.

Brief Biography

Michael J. Grey is a neuroscientist with interests in neuroplasticity and neurorehabilitation following acquired brain injury. He joined UEA's School of Health Science's in Jan 2017 and is an active member of the Acquired Brain Injury Rehabilitation Alliance. Michael uses non-invasive electrophysiology, transcranial magnetic stimulation and neuroimaging techniques to study human movement and its rehabilitation. He is developing physiological tests to aid the return to play decision following concussion in sport. He continues to work with professional rugby and is an advocate for concussion awareness and safety in children's sport.

Michael is looking for collaborators at UEA from the both the medical and technical (i.e. computing/engineering) fields who might be interested in this exciting and rewarding field of research.

Dr Michael J Grey, Reader in Rehabilitation Neuroscience, School of Health Sciences
Acquired Brain Injury Rehabilitation Alliance (ABIRA)
NIHR Surgical Reconstruction & Microbiology Research Centre (SRMRC)
NIHR Trauma Healthcare Technology Co-operative (HTC)

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Tel: 01603 591212 <https://www.uea.ac.uk/health-sciences/school-seminars>

Free. All welcome. No need to book. If you are attending from outside the University, please check the seminar is taking place. This venue is on the main university campus.