

HUMAN PERFORMANCE SEMINAR



BioPPEX_MQ

Presented by:

BioPPEX
Biomechanics
Physical Performance
Exercise
Research Group



6:00pm - Alexander Alevras

TOPIC: *"Epidemiology of injuries in boxing".*

Alexander is a Masters of Research candidate with the Australian Institute of Health Innovation in the Faculty of Medicine and Health Science at Macquarie University. In early 2020, Alexander joined Macquarie University's BioPPEX Research Group and plans to continue his investigation into boxing epidemiology to improve the athletic performance of boxers through injury prevention.



6:30pm - Dr Jordan Andersen

TOPIC: *"Wearable devices, deep learning and the Internet-of-Things: Making technology work for exercise and sport scientists".*

Dr. Jordan Andersen is a sports biomechanist, Exercise Physiologist, athletics coach and early-career researcher. He aims to improve the usability of technology to minimise injury and maximise performance in sport and has over a decade of experience working with youth, masters, Olympic and Paralympic athletes. He is developing ways to integrate wearable devices into occupational life and athlete training using artificial intelligence.



7:00pm - Eoin Doyle

TOPIC: *"Wearable technology for runners: From the lab to the field".*

Eoin Doyle is an Exercise Physiologist, Physiotherapist, athletics coach, and a PhD candidate within the BioPPEX Research Group in the Department of Health Science at Macquarie University where he is investigating the use of wearable technology with runners. He is currently researching the use of inertial measurement units as a load monitoring and injury prevention tool in runners.



7:30pm - A/Professor Paul Sowman

TOPIC: *"Auditory-motor interactions in the human brain".*

Paul Sowman is an Associate Professor of Cognitive Science in the School of Psychological Sciences at Macquarie University. He has held fellowships with the NHMRC and ARC in the area of speech motor neuroscience. Paul's research uses magnetoencephalography (MEG) and non-invasive brain stimulation methods to understand neural processes underpinning normal and abnormal cognitive development. He has a particular interest in impulse control and in disorders of inhibitory function that affect motor processes.



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ONLINE
TUESDAY 7 SEPTEMBER, 2021
6-8PM

Registrations via QR code
or via <https://bit.ly/3gtTgIW>

