

A man in a white t-shirt and dark shorts is rowing a yellow boat on a river. The background shows a riverbank with trees and buildings under a clear sky.

St Mary's
University College
Twickenham
London

School of Sport, Health
& Applied Science

Research Seminar

Performance, Injury and Osteoarthritis

Professor Alison McConnell
Imperial College

1st February 2012

1pm, N-block lecture theatre

Alison trained as a physiotherapist at King's College Hospital qualifying in 1989. She then furthered her knowledge with an MSc in Biomedical Engineering in 1992 and subsequently a PhD in spinal mechanics and low back pain, which she completed in 1996. She became a lecturer at Imperial College in 1998, and was promoted through the ranks attaining her personal chair in 2009.

For the past 15 years she has researched low back problems by combining clinical experience gained as a physiotherapist, with a working knowledge of bioengineering science gained through her masters and PhD studies. This has permitted an integrated approach to the physiological mechanics of the musculoskeletal system. These skills are being employed through three principle but interrelated research themes: mechanisms of injury, effects of injury on function and management of injury. Part of her current research profile is in rowing mechanics, performance and back pain, looking at this from the perspective of kinematics, muscle function and neurophysiology. More latterly, this work has been applied to study osteoarthritis with a view to developing early interventions and preventative strategies.

The seminar is organised in conjunction with Arthritis Research UK

Imperial College
London

Arthritis
Research UK
Providing answers today and tomorrow