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# Journal of Sports Medicine and Doping Studies



Adam Bryant
Department of Physiotherapy
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**Editorial Board Member** 

# **Biography**

Dr Adam Bryant is a bio-mechanist and fulltime Senior Lecturer working within the Department of Physiotherapy and the Centre for Health Exercise Sports Medicine CHESM at The University of Melbourne Australia.

A focus of his research has been the biomechanical and neuromuscular adaptations that occur following anterior cruciate ligament ACL rupture and reconstruction. His research has also focused on determining the effects of female sex hormones on the mechanical properties of human muscle and tendon in order to explain the ACL gender bias.

He has published more than 45 peer reviewed journal articles, coauthored 2 books and 3 book chapters and has in excess of 140 conference presentations. In recognition of the quality of Dr Bryant's research, he has received numerous awards including the Australian Sports Medicine Federation Award for Best Young Investigator in 2004 and 2007 and the Victorian Minister for Sport and Recreation Award Applied Research in Sport and Recreation Science in 2005. As CIA, Dr Bryant secured a large National Health and Medical Research project grant in 2011.

## **Biography**

This 4year project is called: "Young people with old knees" and investigates biomechanical and neuromuscular factors contributing to knee joint degeneration following ACL reconstruction in young patients i.e. < 35 years.

### Research Interest

• Functional anatomy, applied and exercise physiology, advanced clinical/ orthopedic biomechanics, exercise prescription and biomedical instrumentation.

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