

Saddle Research Trust



The Saddle Research Centre, The Old Barns, Firbeck House, Steetley, Worksop, Derbyshire, S80 3DZ.

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International Conference Bringing Science to Saddles

At The Lord Ashcroft Conference Centre,
Anglia Ruskin University, Cambridge
Saturday 18th February 2012, 9am – 5pm

Tickets now on sale!

Featuring the world's key players in scientific research investigating the interaction between saddles, riders and horses:

Professor Hilary Clayton

Holder of the McPhail Chair in Equine Sports Medicine at Michigan State University's College of Veterinary Medicine.

Dr. Lars Roepstorff

Equine Biomechanist, Department of Veterinary Anatomy and Physiology, Swedish University of Agricultural Sciences.

Dr. Narelle Stubbs

Research Associate at the McPhail Equine Performance Centre, Michigan State University. Australian Equestrian Team Physiotherapist and co-author of "Activate Your Horse's Core".

The Saddle Research Trust, a charitable organisation, has been established to scientifically and objectively lead and support research into the influence of saddles on the performance of horses and riders. This area of research has received little focused attention despite its high importance and relevance to the equine industry globally.

The world-renowned speakers will present the very latest research concerning:

- The complex interaction of horse, saddle and rider
- Welfare and performance of the ridden horse
- The influence of the rider

- Objective methods of assessing saddle performance
- The different designs of saddles and their effect on performance

Further speakers to be announced.
Student research posters will be on display.

Tickets:

Open to all - but strictly limited and on a first come, first served basis.

SRT members.....£100

Non-members.....£150

At the door £180 (subject to availability)

(SRT Associate Annual Membership £75. Membership is open to all and runs to 31st December each year.
Benefits include reduced price admission to all SRT fixtures.)

Please send cheques made payable to Saddle Research Trust to: The Old Barns, Steetley, Worksop,
Derbyshire, S80 3DZ.

BACS payments to: Saddle Research Trust, Account no.121 939 84, Sort code: 602 430.

Although the trust does not have its own card payment facilities, credit and debit card payments can be processed thanks to research associates, Solution Saddles. To pay by card, please call Solution Saddles main office on 01909 720 259.

All enquiries: 07775 912202. Email: research@saddlresearchtrust.co.uk

Website: www.saddlresearchtrust.co.uk

Display and trade stands spaces are available. Please contact us to discuss the opportunity further.

About the speakers:

Professor Hilary Clayton

Holder of the McPhail Chair in Equine Sports
Medicine at Michigan State University's
College of Veterinary Medicine.

Professor Clayton was appointed as the first incumbent of the Mary Anne McPhail Dressage Chair in Equine Sports Medicine at Michigan State University's College of Veterinary Medicine in July 1997. The goal of the chair is to perform scientific investigations that directly benefit the sport of dressage. The centre conducts research into all aspects of the relationship between veterinary medicine and dressage performance, with special emphasis on prevention and treatment of lameness problems.

A native of England, Professor Clayton received her veterinary



Dr. Clayton is author of a large number of books, articles and refereed journal publications. A list can be found here: <http://cvm.msu.edu/research/research-centers/mcphail-equine-performance-center/publications-1>

degree from the University of Glasgow in 1973. She spent the next two years as an associate in a mixed veterinary practice in Kilmarnock, Scotland before returning to the University of Glasgow where she earned a PhD in 1978. From 1979 through 1980, she was a visiting assistant professor in Michigan State University's Department of Anatomy. She then returned to Glasgow for two additional years. In 1982 she accepted a position with the University of Saskatchewan in Canada where she spent 15 years as a professor of veterinary anatomy before returning to MSU to fill the McPhail Chair. Professor Clayton is a faculty member in the Department of Large Animal Clinical Sciences and holds academic appointments in the Department of Animal Science, College of Agriculture and the Department of Materials Science and Mechanics in the College of Engineering.

As a veterinarian and researcher, Professor Clayton's studies on the biomechanics of equine gait have focused on sport horses, including dressage and jumping horses. Some recent work has included videographic studies of Olympic dressage and jumping events and kinematic and kinetic research with some of the world's top dressage riders and horses in the Netherlands. A lifelong rider, Dr. Clayton began her equestrian career as a Pony Club member in England. She later competed extensively in eventing, show jumping and dressage. Active in the sport of dressage, Dr. Clayton is a USDF Bronze, Silver and Gold Medalist, and is a certified equestrian coach in the UK and Canada. She has been a member of the Canadian National Coaching Committees for the sports of dressage, jumping and eventing, and is currently a member of the USDF Planning Committee.

Dr. Lars Roepstorff

Equine Biomechanist, Department of Veterinary Anatomy and Physiology, Swedish University of Agricultural Sciences.

Lars Roepstorff is an active researcher in equine biomechanics, applied to both performance and health perspective. He is active in several collaborative projects both in Sweden and internationally. One of the ongoing main projects involves studies of saddle fitting and rider interaction in relation to locomotion with special focus on the horse's back. Another area of research is focused on training regimes and surface properties in relation to orthopaedic health.



Dr. Narelle Stubbs

B.AppSc (PT), M.AnimSt (Animal
Physiotherapy), Research Associate at the
McPhail Equine Performance Centre, Michigan
State University.



Narelle is a Physiotherapist, University of Sydney Australia graduate (1993), gaining Chartered Society of Animal Physiotherapy ACPAT-A title while practicing in the UK from 1995-2003 with a focus on both small and large animal physiotherapy. She returned to Australia (2003-2008) to teach and complete the Post Graduate Masters in Animal Physiotherapy program at the University of Queensland (UQ). Narelle completed her PhD candidature requirements in 2011, investigating equine back pain.

Since 1998, Narelle has been the Official Australian Equestrian Team Physiotherapist, treating both horse and rider in many disciplines of equitation at the World Equestrian Games (1998, 2002, 2006, 2010) and the Olympics (2000, 2004 and 2008). Narelle regularly lectures internationally at Veterinary and Physiotherapy conferences and special teaching engagements.

Narelle was drawn to MSU and the McPhail center for its internationally renowned expertise and facilities that enable her research and clinical interests to be fulfilled: biomechanics of locomotion, back and neck dysfunction, rehabilitation techniques, the horse rider unit and athletic performance.

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