

## ***Publications***

**Holt, D., St. George, L. B., Clayton, H. M. and Hobbs, S. J.** (in press) A simple method for equine kinematic gait event detection. Corrections re-submitted and now pending with Equine Veterinary Journal as a technical note.

**Northrop, A. J., Hobbs, S. J., Holt, D., Clayton-Smith, E. and Martin, J. H** (2016) Spatial variation of the physical and biomechanical properties within an equestrian arena surface. *Procedia Engineering*, **147**. 866-871.

**Holt, D., Martin, J. H., St. George, L. B., Northrop, A., Peterson, M. L. and Hobbs, S. J.** (2016) Horses modify their gait in response to a camouflaged abrupt change in functional surface properties. *Equine Veterinary Journal*, **48** (S49), 19.

**Lewis, K., Northrop, A. J., Crook, G. M., Mather, J., Martin, J., Holt, D., Clayton, H. M., Roepstorff, L., Peterson, M. L. and Hobbs, S. J.** (2015) Comparison of equipment used to measure shear properties in equine arena surfaces. *Biosystems Engineering*, **137**, 43 – 54.

**Holt, D., Northrop, A., Owen, A., Martin, J. and Hobbs, S. J.** (2014) Use of surface testing devices to identify potential risk factors for synthetic equestrian surfaces. *Procedia Engineering*, **72**. 949-954.

**Holt, D., Northrop, A., Martin, J., Daggett, A. and Hobbs, S.** (2014) What do riders want from an arena surface? *Equine Veterinary Journal*, Special Issue: Abstracts from the 9<sup>th</sup> International Conference on Equine Exercise Physiology, **46**. 41-42.