

Publications

- Greaves, C.Y.**, Gadala, M.S., Oxland, T.R. (2006) A three dimensional finite element model of the cervical spine with spinal cord: an investigation of three mechanisms. *Annals of Biomedical Engineering* (*conditionally accepted*)
- Villarraga, M.L., **Cripton, P.A.**, Teti, S., Steffey, D.S., Krisnamuthy S., Albert, T., Hilibrand, A., Vaccaro, A. (2006) Wear and Corrosion Evaluation in Retrieved Thoraco-Lumbar Internal Fixation from 57 Patients. *Spine*. *Accepted November 2005*
- Tan JS, Bailey CS, Dvorak MF, Fisher CG, **Cripton PA**, Oxland TR (2006) Cement Augmentation of Vertebral Screws Enhances the Interface Strength between Interbody Device and Vertebra Body. *Spine* (*in press*)
- Zhu Q, Larson CR, Sjovold SG, Rosler DM, Keynan O, Wilson DR, **Cripton PA**, Oxland TR (2006) Biomechanical evaluation of the total facet arthroplasty system™: three-dimensional kinematics. *Spine*, (*in press*)
- Benoit, D., Lamontagne, M., **Greaves, C.**, Liti, A., Cerulli, G. (2005) The Effect of Alpine Ski Boot Cuff Release on Knee Joint Force During the Backward Fall. *Research in Sports Medicine: An International Journal*. 13(4): 317-330.
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Larson CR, Zhu QA, Sjøvold SG, Rosler DM, Keynan O, Wilson DR, **Cripton PA**, Oxland TR, Kinematic Behaviour Of The Implanted Total Facet Arthroplasty System™: An In Vitro Model, accepted for presentation at the Annual Meeting of the International Society for the Study of the Lumbar Spine, June 13-17, 2006, Bergen, Norway

Sjøvold SG, Zhu Q, Larson CR, de Bakker PM, Oxland TR, **Cripton PA**, Comparative loading of the total facet arthroplasty system™ with a rigid posterior instrumentation system and intact facets, accepted for presentation at the Annual Meeting of the International Society for the Study of the Lumbar Spine, June 13-17, 2006, Bergen, Norway

Jones CF, Reed SG, **Cripton PA**, Hall RM, The effect of cerebrospinal Fluid on Spinal Cord Deformation in an in vitro Burst Fracture Model, Proceedings of the 2nd Annual Ohio Injury Biomechanics Symposium, May 17-19, 2006, Columbus, OH, USA (10 page manuscript in proceedings)

Nelson TS, **Cripton PA**, A Kinematically biofidelic surrogate cervical spine for axial compressive impacts, Proceedings of the 2nd Annual Ohio Injury Biomechanics Symposium, May 17-19, 2006, Columbus, OH, USA (10 page manuscript in proceedings)

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Saari A, **Cripton PA**, Dynamic response of the cervical spine in the presence of physiologic follower load during head to ground impact, Proceedings of the 2nd Annual Northwest Biomechanics Symposium, May 12-13, 2006, Vancouver, BC, Canada

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