

CURRICULUM VITAE

Richard Hostin

Business Address

Baylor Scoliosis Center: 4708 Alliance Blvd.
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Educational Background

2005-2006 Twin Cities Spine Center
Spine Surgery Fellowship
2000-2005 University of California at Davis
Orthopaedic Surgery Residency
1996-2000 University of Oklahoma College of Medicine
M.D.
1990-1994 University of California at Berkeley
B.A.

Licensure and Certification

American Board of Orthopaedic Surgeons 2008
Texas State Medical License, 2006
Minnesota State Medical License, 2005
California State Medical License, 2001

Honors and Awards

1999 Alpha Omega Alpha
1997 Excellence in Research Award
1997 Honors Research Scholar

Research

Presentations / Posters

- 2009 Patients Perceive Perioperative Complications as More Severe and Having Greater Negative Consequences than Surgeons
Cabalo, Bess, Lanning, Akbarnia, Boachie-Adjei, Burton, Gupta, Hostin, Shaffrey, Wood, Kebaish, Cunningham, Hart, ISSG (LSRS, IMAST, SRS, NASS, CNS)
- 2009 Extension Of Previous Fusions to the Sacro-Pelvis Vs. Primary Spino-Pelvic Fusions in the Setting Of Adult Deformity: A Comparison of Health Related Quality of Life Measures and Complications
Burton, Kebaish, Shaffrey, Schwab, Hostin, Shelokov, Bess, Boachie-Adjei, Akbarnia, ISSG (SRS, NASS, CNS)

- 2009 Outcomes and Complications of Extension of Previous Long Fusion to the Sacro-Pelvis: Does Surgical Approach Make a Difference?
Burton, Boachie-Adjei, Shaffrey, Schwab, Hostin, Shelokov, Bess, Akbarnia, ISSG (SRS, NASS, CNS)
- 2009 The Impact of Reciprocal Regional Alignment Changes Distant from the Site of Spinal Osteotomies Affects Post-Operative Spinal Balance
Lafage, Schwab, Boachie-Adjei, Farcy, Shelokov, Hostin, Hart, Akbarnia, O'Brien, Burton, Shaffrey, ISSG (IMAST, SRS, NASS, CNS)
- 2009 PSO Failures can be Predicted by High Pre-Op SVA And Pelvic Tilt
Lafage, Schwab, Smith, Farcy, Boachie-Adjei, Shelokov, Hostin, Hart, Akbarnia, O'Brien, Burton, Shaffrey, ISSG (SRS, NASS, CNS)
- 2009 Pre-Operative Pelvic Parameters Must be Considered to Achieve Adequate Sagittal Balance After Lumbar Osteotomy
Schwab, Lafage, Shaffrey, Farcy, Boachie-Adjei, Shelokov, Hostin, Hart, Akbarnia, O'Brien, Burton, ISSG (IMAST, SRS, NASS, CNS)
- 2009 Major Complications Following Adult Spinal Deformity Surgery: Is There A High Risk Patient Profile?
Hawkinson, Schwab, Kelly, Farcy, Mundis, Cunningham, Akbarnia, Hostin, Hart, Boachie-Adjei, Burton, Klineberg, Shaffrey, Bess, ISSG (IMAST, SRS, CNS)
- 2009 The use of Scoliosis Research Society Outcome Scores and Oswestry Disability Index as an Indicator of Pseudarthrosis in Adult Spinal Deformity: Can Outcome Questionnaires Predict Need for Revision?
Hostin, Shelokov, Buchl (IMAST, SRS)
- 2009 Evaluation of Bone Marrow Aspirate vs. Bone Morphogenetic Protein (RhBMP2) in Multilevel Adult Spinal Deformity Surgery: Minimum Two-Year Evaluation of Anterior Fusion Rates and Clinical Outcomes
Hostin, Shelokov, Buchl (SRS)
- 2009 Standard Biplane Radiographs Show Poor Sensitivity for Identification of Anterior Pseudoarthrosis in Adult Spinal Deformity Patients
Hostin, Shelokov, Buchl (SRS)
- 2008 Mechanical DVT Prophylaxis and Ultrasound Screening Is Not Effective in Preventing Pulmonary Embolism in Adult Spinal Deformity Surgery
Buchl, Hostin, Shelokov(NASS Podium / IMAST e-poster)

- 2008 Increasing Pain and Disability, Rather Than Deformity, Determine Treatment Modality for Older Patients with Adult Scoliosis (SRS podium / NASS podium)
- 2008 Efficacy of Posterior-Only Approach and Pedicle Subtraction Osteotomy for Extension of Previous Long Fusion to the Sacro-pelvis; Preliminary Data (IMAST podium)
- 2008 Does vertebral level of Pedicle Subtraction Osteotomy correlate with degree of spino-pelvic parameter correction? (SRS podium / NASS poster IMAST poster)
- 2008 Validating predictive models of spino-pelvic alignment: pre- and post-operative analysis of 70 adults suffering from sagittal plane malalignment (IMAST e-poster)
- 2007 Outcomes of Pedicle Subtraction Osteotomy for Fixed Sagittal Imbalance (IMAST e-poster)
- 2007 Outcomes of Pedicle Subtraction Osteotomy for Fixed Sagittal Imbalance (NASS e-poster)
- 2007 Complications of Pedicle Subtraction Osteotomy (NASS podium)
- 2007 Revision Screw Strategies for Cervical Spine Fixation (IMAST podium)

Publications

- 2009 Does vertebral level of pedicle subtraction osteotomy correlate with degree of spino-pelvic parameter correction? *Schwab F, Lafage V, Hart R, Burton DC, Boachie-Adjei O, Shelokov A, Hostin RA, Shaffrey C, Gupta MC, Akbarnia BA, Bess S, Farcy JP.* Spine 2009. In Submission
- 2009 Pain and disability determine treatment modality for older patients with adult scoliosis, while deformity guides treatment for younger patients. *Bess S, Boachie-Adjei O, Burton DC, Cunningham M, Shaffrey C, Shelokov A, Hostin RA, Schwab F, Wood K, Akbarnia BA,* ISSG
- 2008 A biomechanical evaluation of three revision screw strategies for failed lateral mass fixation. *Spine.* 2008 Oct 15;33(22):2415-21.
- 2005 Importance of the peridural membrane in percutaneous vertebroplasty. *Hostin R, Carr J, Gupta M, Hazelwood S, Dublin A.* J Spinal Disord Tech. 2005 Feb;18(1):34-9.
- 2003 *Hostin R, James M.* Reconstruction of the hypoplastic thumb. *JASSH.* 2004 Nov; 4(4):275-290.

Additional Research

- 1997 Honors Research
Raymond Papka, Ph.D., Department of Anatomical Sciences. Examined alterations in neuronal activity in the paracervical ganglia and spinal cord associated with pregnancy and parturition.
- 1995-1996 Clinical Research Assistant
Amgen, The Normal Hematocrit Cardiac Study.

Memberships International Spine Study Group (ISSG), AAOS, Texas Orthopaedic Association, Dallas County Medical Society, AMA, Scoliosis Research Society, NASS, Alpha Omega Alpha