

# Scott M. Sporer

Business: (630) 339-2225

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<b>Employment</b>	Midwest Orthopaedics at RUSH July 2003 – Present
<b>Hospital Privileges</b>	Rush University Medical Center Chicago, Illinois 2002-present  Central DuPage Hospital Winfield, Illinois 2002-present  Oak Park Hospital Oak Park, Illinois 2003-2010
<b>Academic Appointments</b>	Rush University Medical Center Chicago, Illinois Assistant Professor Orthopaedic Surgery 2003-present
<b>Education</b>	Orthopaedic Adult Reconstruction Fellowship Rush - Presbyterian St. Luke's Medical Center, Chicago, Illinois Central Dupage Hospital, Winfield, Illinois August 2002 – July 2003  Orthopaedic Surgery Medical Residency Dartmouth Hitchcock Medical Center Lebanon, New Hampshire July 1997 – July 2002  Children's Orthopaedic Surgery Medical Residency Connecticut Children's Medical Center Hartford, Connecticut July 1999 – January 2000  M.S. Dartmouth College Center For The Evaluative Clinical Sciences Hanover, New Hampshire

May 1998- May 2001

M.D. The University of Iowa College of Medicine  
Iowa City, Iowa May 1997  
Alpha Omega Alpha

B.S. The University of Iowa College of Engineering  
Iowa City, Iowa May 1993  
Biomedical Engineering  
Highest Distinction

### **Professional Medical License**

- Board Certified American Board of Orthopaedic Surgery 2005-present
- State of Illinois 2002-present
- State of New Hampshire 2001-2002

### **Professional Medical Societies**

- Diplomate American Academy of Orthopaedic Surgeons
- Association For Arthritic Hip and Knee Surgery Active Member
- Mid American Orthopaedic Association Active Member
- Illinois Orthopaedic Association
- American Medical Association

### **Honors**

- Edward D. Henderson Physician in Training Award for *An Algorithmic Approach to the Unstable Total Hip Arthroplasty* 2010
- AAHKS Clinical Research Award for *Perioperative Testing for Persistent Sepsis following Resection Arthroplasty of the Hip for Periprosthetic Infection* 2009
- Becker's Orthopaedic and Spine Review *15 Great Hip Specialists to Know*, 2009
- Richard Johnston guest lecturer 2007
- The *Journal of Bone and Joint Surgery* Resident Journal Club Grant
- *James Kary Award For Outstanding Orthopaedic Research*-2000
- Inducted into The University of Iowa medical AOA
- Earned a grade of "Honors" in 83 hours of medical school classes
- Named seven consecutive semesters to The University of Iowa President's List
- Graduated with "Highest Distinction" from the College of Engineering
- Inducted into The University of Iowa Honors Program

- Recognized in "Who's Who Among Students in American Universities and Colleges" from the University of Iowa, 1991-92; 1992-93
- Member of: Alpha Eta Mu Beta biomedical engineering honors society, 1991-93
- Mortar Board honors society, 1992-93
- Tau Beta Pi national engineering honors fraternity, 1991-93
- Phi Eta Sigma honor society, 1990-93

### **Editorial Activities**

- Consulting Reviewer for Following Journals:  
Journal of Bone & Joint Surgery (American)  
Clinical Orthopaedics and Related Research  
Orthopaedic Knowledge Online

### **Activities**

- Instructor *American Academy Orthopaedic Surgeons* Current Controversies in Total Hip Arthroplasty – 2010-11
- Instructor *Mid-American Orthopaedic Association* - "Back to the Basics", Tucson, AZ 2011
- Instructor *American Academy Orthopaedic Surgeons* Revision Hip Arthroplasty – 2009-2011
- Instructor AAOS/AAHKS Improving Outcomes for Partial, Primary and Revision Knee Arthroplasty 2010-11
- Charter Member of *Arthroplasty Connect*
- RUSH University Medical Center Department of Orthopaedic Surgery Advisory Committee 2009-2011
- Evaluation Committee for the American Academy of Orthopaedic Surgeons 2007-2010
- Chairman for Central DuPage Hospital Department of Orthopaedic Surgery 2010-present
- Vice-chairman for Central DuPage Hospital Department of Orthopaedic Surgery 2006-2010
- Central DuPage Hospital Blood Conservation Task Force
- Central DuPage Hospital Physician liaison for Clinical Pathways and Outcomes
- Central DuPage Hospital Institutional Review Board 2005-2007
- The American Academy of Orthopaedic Surgeons Task Force on Shared Decision Making in Total Hip Arthroplasty 2001-2003
- The American Academy of Orthopaedic Surgeons Task Force on Shared Decision Making in Total Knee Arthroplasty 2001-2003
- Team Physician for Dartmouth College Varsity Athletics, 1999-2002
- Orthopaedic Physician for the Dartmouth College Student Health Service, 1999-2002

- Class representative to the Medical Student Council, 1995-96
- President of Biomedical Engineering Undergraduate Society, 1992-93
- Representative to the Resident Assistant Council, 1991-92
- Engineering class representative to The University of Iowa Collegiate Senate, 1990-91

## **Medical Consulting**

Implant Manufacturing Consultant

Zimmer 2003-2010

Surgeon Education, Sales Associate Education, Web based education development

Smith and Nephew 2010- present

Surgeon Education, Evaluation Team Member

Implant Design Consultant

Zimmer 2010 - present

Smith and Nephew 2010 - present

Medical Director

Residential Home HealthCare 2010-2011

## **Patents**

#20090146342 Spacer Mold and Methods Therefore 6/11/2009

#20100102484 Spacer Molds With Releasable Securement 4/29/2010

## **Prior Work Experience**

**Dartmouth-Hitchcock Medical Center - Lebanon, New Hampshire**

July 1997- Orthopaedic Surgery Resident

July 2002

**The University of Iowa Hospitals and Clinics - Anesthesiology Department**

Spring 1996- Anesthesiology extern

Spring 1997 Deliver anesthesia at the level of a first year resident under the direct supervision of a UIHC staff anesthesiologist

**The University of Iowa Hospitals and Clinics NICU Iowa City, Iowa**

Fall 1994- Laboratory technician in NICU blood gas lab

Summer 1996

**The Connie Belin National Center for Gifted Education** Iowa City, Iowa

Summer 92          Project coordinator for 35 junior high students.

**The University of Iowa, Department of Residence Services** Iowa City, Iowa

08/91-6/93          Resident Assistant responsible for 55 men in a hall  
housing 1000 students.

**Research Grants:**

1. **Sporer, SM** (PI), A Prospective Radiostereometric Analysis and Clinical Evaluation of the Zimmer Continuum Acetabular Cup with Vitamin E Stabilized Polyethylene, Zimmer 2012
2. Jacobs, JJ (PI), A Prospective Randomized Trial of Head-Neck Modularity in Total Hip Arthroplasty, Zimmer 2011
3. **Sporer, SM** (PI), Investigating the Use of a Pneumatic Therapy Device in Primary Total Knee Arthroplasty Patients, Cool Systems Inc. 2010-2011

**Peer Reviewed Publications**

1. Chalmers P, **Sporer S** “*Acute Postoperative Renal Failure Following Insertion of Antibiotic Impregnated Cement Spacer in Revision Total Joint Arthroplasty: Two Case Reports and a Review of the Literature*”, *J Bone Joint Surg. Am.*, 2011
2. Foran J, Sporer S “*Patient Perception of Physician Reimbursement in Elective Total Hip and Knee Arthroplasty*”, *J Arthroplasty*, 2011
3. Del Gaizo D, Kancherla V, **Sporer S**, Paprosky W: “*Tantalum Augments for Paprosky IIIA Defects Remain Stable at Mid Term Follow Up*”, *Clin. Orthop Relat Res.*, 2011
4. Bedair H, Ting N, Della Valle C, Bozic K, **Sporer S**: “*Treatment of Early Post-Operative Infections Following Total Hip Arthroplasty: A Decision Analysis*”, *Clin. Orthop Relat Res.*, 2011
5. **Sporer SM** How To Do A Revision Total Hip Arthroplasty: Acetabular Revision. *J Bone Joint Surg Am.* 2011;93(14):1359-136
6. Berend KR, **Sporer SM**, Sierra RJ, Glassman AH, Morris MJ. Achieving stability and lower-limb length in total hip arthroplasty. *J Bone Joint Surg Am.* 2011;92(16):2737-2752.
7. Brown NM, Cipriano CA, Moric M, **Sporer SM**, Della Valle CJ. Dilute Betadine Lavage Before Closure for the Prevention of Acute Postoperative Deep Periprosthetic Joint Infection. *J Arthroplasty.* 2011
8. Foran JR, Whited BW, **Sporer SM**. Early Aseptic Loosening With a Precoated Low-Profile Tibial Component A Case Series. *J Arthroplasty.* 2011
9. Kusuma SK, Ward J, Jacofsky M, **Sporer SM**, Della Valle CJ. What is the Role of Serological Testing Between Stages of Two-stage Reconstruction of the Infected Prosthetic Knee? *Clin Orthop Relat Res.* 2011;469(4):1002-1008

10. Shukla SK, Ward JP, Jacofsky MC, **Sporer SM**, Paprosky WG, Della Valle CJ. Perioperative testing for persistent sepsis following resection arthroplasty of the hip for periprosthetic infection. *J Arthroplasty*.25(6 Suppl):87-91. 2010
11. Della Valle CJ, Dittle E, Moric M, **Sporer SM**, Buvanendran A. A Prospective Randomized Trial of Mini-incision Posterior and Two-incision Total Hip Arthroplasty. *Clin Orthop Relat Res*. 2010
12. Jacofsky DJ, Della Valle CJ, Meneghini RM, **Sporer SM**, Cercek RM. Revision Total Knee Arthroplasty: What the Practicing Orthopaedic Surgeon Needs to Know. *J Bone Joint Surg Am*.92(5):1282-1292. 2010
13. **Sporer SM**, DellaValle CD. Porous metal augments: big hopes for big holes. *Orthopedics*.33(9). 2010
14. Wright G, **Sporer S**, Urban R, Jacobs J. Fracture of a modular femoral neck after total hip arthroplasty: a case report. *J Bone Joint Surg Am*.92(6):1518-1521. 2010
15. Berger RA, Kusuma SK, Sanders SA, Thill ES, **Sporer SM**. The feasibility and perioperative complications of outpatient knee arthroplasty. *Clin Orthop Relat Res*. 2009;467(6):1443-1449
16. Berger RA, Sanders SA, Thill ES, **Sporer SM**, Della Valle C. Newer anesthesia and rehabilitation protocols enable outpatient hip replacement in selected patients. *Clin Orthop Relat Res*. 2009;467(6):1424-1430
17. Wera GD, Ting NT, Della Valle CJ, **Sporer SM**. External Iliac Artery Injury Complicating Prosthetic Hip Resection for Infection. *J Arthroplasty*. 2009
18. Schinsky, M. F.; Della Valle, C. J.; **Sporer, S. M.**; and Paprosky, W. G.: Perioperative testing for joint infection in patients undergoing revision total hip arthroplasty. *J Bone Joint Surg Am*, 90(9): 1869-75, 2008
19. Levine, B. R.; Della Valle, C. J.; Lewis, P.; Berger, R. A.; **Sporer, S. M.**; and Paprosky, W.: Extended trochanteric osteotomy for the treatment of vancouver B2/B3 periprosthetic fractures of the femur. *J Arthroplasty*, 23(4): 527-33, 2008
20. Levine, B.; Della Valle, C. J.; Hamming, M.; **Sporer, S.**; Berger, R. A.; and Paprosky, W.: Use of the Extended Trochanteric Osteotomy in Treating Prosthetic Hip Infection. *J Arthroplasty*, 2008
21. Levine, B.; Della Valle, C. J.; Deirmengian, C.; Breien, K. M.; Weeden, S. H.; **Sporer, S.**; and Paprosky, W.: The Use of a Tripolar Articulation in Revision Total Hip Arthroplasty A Minimum of 24 Months' Follow-up. *J Arthroplasty*, 2008
22. Flecher, X.; **Sporer, S.**; and Paprosky, W.: Management of Severe Bone Loss in Acetabular Revision Using a Trabecular Metal Shell. *J Arthroplasty*, 2008
23. Paprosky, W.G., **Sporer, S.S.**, Murphy, B.P.; *Addressing severe bone deficiency: what a cage will not do*. *J Arthroplasty*, 2007 22 (4 Suppl 1): 111-5
24. Levine, B, **Sporer, S**, Della Valle, C.J., Jacobs, J.J., Paprosky, W; *Porous tantalum in reconstructive surgery of the knee: a review*. *J Knee Surg*. 2007 20 (3) 185-94
25. Della Valle, C.J., **Sporer, S.M.**, Jacobs, J.J., Berger, R.A., Rosenberg, A.G., Paprosky, W.G., *Preoperative testing for sepsis before revision total knee arthroplasty*. *J Arthroplasty* 2007 22(6 Suppl 2) 90-3

26. **Sporer, S.M.**, Weinstein, J.N., Koval, K.J., *The geographic incidence and treatment variation of common fractures of elderly patients.* J Am Acad Orthop Surg. 2006 14 (4) 246-55
27. Levine, B.R., **Sporer, S.**, Poggie, R.A., Della Valle, C.J., Jacobs, J.J. *Experimental and clinical performance of porous tantalum in orthopedic surgery.* Biomaterials 27 (27) 4671-81
28. **Sporer, S.M.**, O'Rourke, M., Chong, P., Paprosky, W.G., *The use of distal femoral allografts for acetabular reconstruction. Surgical Technique.* J Bone Joint Surg Am. 2006 88 Suppl 1 Pt. 1. 92-9
29. Paprosky, W., **Sporer, S.**, O'Rourke, M.R., *The treatment of pelvic discontinuity with acetabular cages.* Clin Orthop Relat Res. 2006 453. 183-7
30. **Sporer, S.M.**, Paprosky, W.G. *The use of a Trabecular Metal Acetabular Component and Trabecular Metal Augment for severe acetabular defects.* J Arthroplasty 2006 21 (6 Suppl 2) 83-6
31. **Sporer, S.M. Paprosky, W.G.** *Acetabular revision using a trabecular metal acetabular component for severe acetabular bone loss associated with a pelvic discontinuity.* J Arthroplasty 2006, 21 (6 Suppl 2) 87-90
32. **Sporer, S.M.**, Della Valle, C., Jacobs, J., Wimmer, M. *A case of Dissociation of a Modular Femoral Neck Trunion Following Total Hip Arthroplasty.* J Arthroplasty 2006 21(6) 918-21
33. **Sporer SM:** The minimally invasive subvastus approach for primary total knee arthroplasty. J Knee Surg 2006; 19(1): 58-62
34. Crowninshield RD, Rosenberg AG, **Sporer SM:** *Changing Demographics of Patients with Total Joint Replacement.* Clin Orthop Relat Res 2006; 443: 266-272
35. Koval KJ, Lurie J, Zhou W, **Sporer, S.M.** et al.: Ankle fractures in the elderly: what you get depends on where you live and who you see. J Orthop Trauma 2005; 19(9): 635-9
36. Della Valle CJ, Chang D, **Sporer S**, Berger RA, Rosenberg AG, Paprosky WG: High failure rate of a constrained acetabular liner in revision total hip arthroplasty. J Arthroplasty 2005; 20(7 Suppl 3): 103-7
37. Burnett, R. S., R. A. Berger, C. J. Della Valle, **S. M. Sporer**, J. J. Jacobs, W. G. Paprosky, and A. G. Rosenberg. 2005. *Extensor mechanism allograft reconstruction after total knee arthroplasty.* J Bone Joint Surg Am 87 Suppl 1:175-94
38. **Sporer, S.M.**, Paprosky, W.G., O'Rourke, M.R., *Managing Bone Loss In Acetabular Revision*, Selected Instructional Course Lecture. The Journal of bone and Joint Surgery 2005 Vol. 55 287-97
39. Paprosky WG, O'Rourke M, **Sporer SM:** The treatment of acetabular bone defects with an associated pelvic discontinuity. Clin Orthop Relat Res 2005; 441: 216-20
40. **Sporer SM**, O'Rourke M, Paprosky WG: *The treatment of pelvic discontinuity during acetabular revision.* J Arthroplasty 2005; 20(4 Suppl 2): 79-84
41. Chong, P. Y., and **S. M. Sporer.** 2005. *Case report: Salmonella Infection Following Total Hip Arthroplasty.* Iowa Orthop J **25**:42-3.2005
42. **Sporer, S. M.**, and W. G. Paprosky. 2005. Biologic fixation and bone ingrowth. Orthop Clin North Am **36**:105-11, vii

43. **Sporer SM**, O'Rourke M, Chong P, Paprosky WG: The use of structural distal femoral allografts for acetabular reconstruction. Average ten-year follow-up. *J Bone Joint Surg Am* 2005; 87(4): 760-5
44. **Sporer, S. M.**, A. G. Rosenberg. *Decision analysis in orthopaedics*. Clin Orthop Relat Res. 2005. 431 250-6
45. **Sporer, S. M.**, and W. G. Paprosky. *Femoral fixation in the face of considerable bone loss: the use of modular stems*. Clin Orthop 2004; 429 227-31
46. Sporer, S. M.; Obar, R. J.; and Bernini, P. M.: *Primary total hip arthroplasty using a modular proximally coated prosthesis in patients older than 70: two to eight year results*. J Arthroplasty, 19(2): 197-203, 2004
47. **Sporer, S. M.**, and Paprosky, W. G.: Revision total hip arthroplasty: the limits of fully coated stems. *Clin Orthop*, (417): 203-9, 2003
48. Paprosky, W. G., and **Sporer, S. M.**: Controlled femoral fracture: easy in. *J Arthroplasty*, 18(3 Suppl 1): 91-3, 2003
49. Bullock, D.P., **S.M. Sporer**, and T.G. Shirreffs, Jr., *Comparison of simultaneous bilateral with unilateral total knee arthroplasty in terms of perioperative complications*. J Bone Joint Surg Am, 2003. **85-A**(10): p. 1981-6
50. Skinner, J., J. N. Weinstein, **Sporer, S.**, Wennberg, J.: (2003). "Racial, ethnic, and geographic disparities in rates of knee arthroplasty among Medicare patients." *N Engl J Med* **349**(14): 1350-9
51. **Sporer, S. M.**, and Smith, B. G.: *Hip dislocation in patients with spinal muscular atrophy*. J Pediatr Orthop, 23(1): 10-4, 2003
52. **Sporer, S. M.**, and Bernini, P. M.: Extensive periacetabular osteolysis presenting as a mass on rectal examination. A case report. *J Bone Joint Surg Am*, 84-A(8): 1439-41, 2002
53. **Sporer, S. M.**; Callaghan, J. J.; Olejniczak, J. P.; Goetz, D. D.; and Johnston, R. C.: The effects of surface roughness and polymethylmethacrylate precoating on the radiographic and clinical results of the Iowa hip prosthesis. A study of patients less than fifty years old. *J Bone Joint Surg Am*, 81(4): 481-92, 1999
54. Callaghan, J. J.; Forest, E. E.; **Sporer, S. M.**; Goetz, D. D.; and Johnston, R. C.: Total hip arthroplasty in the young adult. *Clin Orthop*, (344): 257-62, 1997
55. **Sporer, S. M.**; Callaghan, J. J.; Olejniczak, J. P.; Goetz, D. D.; and Johnston, R. C.: Hybrid total hip arthroplasty in patients under the age of fifty: a five- to ten-year follow-up. *J Arthroplasty*, 13(5): 485-91, 1998
56. **Sporer, S. M.**, and Callaghan, J. J.: Fatality from disseminated intravascular coagulation complicating total hip arthroplasty: a case report. *Iowa Orthop J*, 17: 53-7, 1997.

### **Non-Peer Reviewed Publications**

1. **Sporer S**, Michael A, Paprosky W, Moric M, *The Technique of Acetabular Distraction for the Reconstruction of Severe Acetabular Defects with an Associated Chronic Pelvic Discontinuity*. RUSH University Annual Publication, 2011

2. Slover J, Schultz R, **Sporer S**, *Decision Analysis: Hip Resurfacing Arthroplasty*. RUSH Univeristy Annual Publication, 2010
3. **Sporer, S.M.**, and Paprosky, W.G. : *Extended Trochanteric Osteotomy*, *Seminars in Arthroplasty* 15(2) 113-118, 2004
4. **Sporer, S.M.**, Paprosky, W.G. *Extensively coated cementless femoral components in revision total hip arthroplasty: an update*. *Surg Technol Int*. 14 265-74
5. *Classification and Treatment of Knee Injuries in Skeletally Immature Patients*, Wyeth-Ayerst Resident Reporter, July 2000 Volume 5 Number 4

### **Text Book Editor**

- Curbside Consultation in Hip Replacement 2008, SLACK Inc.

### **Book Chapters**

1. *Extensor Mechanism Allograft* in *Knee Replacement - Reconstruction and Revision*, 2012 (anticipated)
2. *Revision Total Hip Arthroplasty* in AAOS Instructional Course Lecture 61
3. *Extended Trochanteric Osteotomy*, *Atlas of Essential Orthopaedic Procedures*, AAOS 2011
4. *Extended Trochanteric Osteotomy*, *The Adult Hip*, AAOS 2011
5. *Preoperative Planning* in “Revision Hip Arthroplasty”- Jacofsky, Hedley 2010 Slack Publications
6. *How Do I Know If I Can Handle This Knee Revision* in “Revision Knee Arthroplasty” – Jacofsky, Hedley 2010 Slack Publications
7. *Revision Total Knee Arthroplasty* in AAOS Instructional Course Lecture 60
8. Berend KR, Sporer SM, Sierra RJ, Glassman AH, Morris MJ. Achieving Stability and Lower Limb Length in Total Hip Arthroplasty. *Instr Course Lect*.60:229-246
9. Dealing With the Deficient Extensor Mechanism in Complex Revision Total Knee Arthroplasty: Techniques in Knee Surgery: September 2009 - Volume 8 - Issue 3 - pp 181-186
10. Alternative Bearings In Total Hip Arthroplasty, *US Musculoskeletal Review*, Volume 3, 2009
11. *Complications of Total Hip Arthroplasty: Infection*, *Orthopaedic Knowledge Update Hip and Knee Arthroplasty* 4, American Academy of Orthopaedic Surgeons, 2011
12. *Neurovascular Injuries: Prevention/Diagnosis/Treatment*, in “Surgery of the Hip” – Berry, Lieberman 2009
13. *The Use of Stems in Revision Knee Surgery*, *Curbside Consultation in Knee Replacement* 2008
14. *Extended Trochanteric Osteotomy*, in *Surgical Treatment of Hip Arthritis Reconstruction* , 2008
15. *Extended Trochanteric Osteotomy*, in *Operative Techniques in Hip Surgery*, 2008

16. *Extensively Porous Coated Femoral Stems*, in Revision Total Hip and Knee Arthroplasty, 2008
17. *Acetabular Revision Using Structural Bone Graft*, in Revision Total Hip and Knee Arthroplasty, 2008
18. *Acetabular Defect Classification*, in Revision Total Hip and Knee Arthroplasty, 2008
19. *Cup Revision*, in Modulare Revisionsendoprothetik des Huftgelenkes, Springer-Verlag 2004
20. *Primary Total Hip Arthroplasty-The Stem: The Tapered Stem*, in Master Techniques in Orthopaedic Surgery: The Hip, Second Edition, 2004
21. *Acetabular Revision*, in Master Techniques in Orthopaedic Surgery: The Hip, Second Edition, 2004
22. *Extensively Coated Stems*, in Advanced Reconstruction Hip from the American Academy of Orthopaedic Surgeons – 2004
23. *Revision Femur*, in Orthopaedic Knowledge Update Hip and Knee Reconstruction 3<sup>rd</sup> Edition – 2004
24. *Revision of the Femoral Component: Extensive Coatings*, in The Adult Hip 2<sup>nd</sup> Edition – 2004
25. *Dartmouth Atlas of Musculoskeletal Health Care* - 2000

### **Video Presentations**

- The Use of Trabecular Metal In Severe Acetabular Bone Loss, The Video Journal of Orthopaedics 2005
- The Treatment of Type IIIa Acetabular Defects, The Journal of Bone and Joint Surgery 2005
- Surgical Approaches to the Hip, The Journal of the American Academy of Orthopaedic Surgeons 2005

### **Select Podium Presentations**

1. *Extensor Mechanism Allograft Reconstruction for Extensor Mechanism Disruption Following Total Knee Arthroplasty*, American Academy of Hip and Knee Surgeons Annual Meeting, 2011
2. *The use of Abduction Bracing for Early Post-operative Dislocation Prevention following Revision Hip Arthroplasty*, American Academy of Hip and Knee Surgeons Annual Meeting, 2011
3. *Modular Tapered Implants for Severe Femoral Bone Loss In Revision Total Hip Arthroplasty*. Mid-America Orthopaedic Association 2011
4. *Serum and Synovial Fluid Tests for Periprosthetic Infection in Patients with Inflammatory Arthritis*. Mid-America Orthopaedic Association 2011
5. *Varus Remodeling of the Femur in Revision Total Hip Arthroplasty*. Mid-America Orthopaedic Association 2011
6. *Premature Failure of A Primary Total Hip Arthroplasty Using A Modular Femoral Trunion*. American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA

7. *Patients Feel that Orthopaedic Surgeons are Undercompensated for Total Hip and Knee Replacement*. American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
8. *Varus Remodeling of the Femur in Revision Total Hip Arthroplasty*. American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
9. *Periprosthetic fractures associated with press fit stems in revision total knee arthroplasty*. American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
10. *Serum and Synovial Fluid Tests for Periprosthetic Infection in Patients with Inflammatory Arthritis*. American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
11. *Dilute Betadine Lavage Prior to Closure for Preventing Acute Deep Periprosthetic Joint Infection*. American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
12. *An Algorithmic Approach to the Unstable Total Hip Arthroplasty*. American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
13. *Preoperative Staphylococcus Aureus Screening to Reduce Surgical Site Infection* American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
14. *Varus Remodeling of the Femur in Revision Total Hip Arthroplasty*. AAHKS 20<sup>th</sup> Annual Meeting, Dallas, TX 2010
15. *Erythrocyte Sedimentation Rate and C-reactive protein for the Diagnosis of Periprosthetic Infection in Patients with Inflammatory Arthritis*. AAHKS 20<sup>th</sup> Annual Meeting, Dallas, TX 2010
16. *Fretting Corrosion and Fracture of Modular Neck-Body Junctions in Hip Replacement Femoral Components*, American Academy Orthopaedic Surgeons annual meeting 2010. New Orleans, LA
17. *Premature Failure at Short-Term Follow-Up in Primary Total Hip Arthroplasties Using the Alfa II Modular Stem*, Mid-America Orthopaedic Association 2010
18. *The Technique of Acetabular Distraction for the Treatment of Chronic Pelvic Discontinuities System*, Mid-America Orthopaedic Association 2010
19. *Decision Analysis for the Treatment of Acute Infection Following Total Hip Arthroplasty*, Mid-America Orthopaedic Association 2010
20. *Decision Analysis for the Treatment of Hip Osteoarthritis: Resurfacing versus Total Hip Arthroplasty*, Mid-America Orthopaedic Association 2010
21. *Perioperative Testing for Persistent Sepsis following Resection* American Academy of Hip and Knee Surgeons 2009
22. *Treatment of Acute Hematogenous Infection in Total Hip and Knee Patients* American Academy of Hip and Knee Surgeons 2009
23. *Trabecular Metal Augments in Revision Total Knee Arthroplasty*. Swiss Orthopaedic Society, Geneva, Switzerland June 2009
24. *A Prospective Randomized Trial of Mini Posterior and Two-Incision Total Hip Arthroplasty* The 76<sup>th</sup>. Annual meeting of the American Academy Orthopaedic Surgeons 2009 Las Vegas, NV

25. *Problems From Allowing Knee Replacement To Be Discharged The Day of Surgery* The 76<sup>th</sup>. Annual meeting of the American Academy Orthopaedic Surgeons 2009 Las Vegas, NV
26. *A New Approach and Classification in the Treatment of Pelvic Discontinuity: A 6 Year Follow-Up* The 76<sup>th</sup>. Annual meeting of the American Academy Orthopaedic Surgeons 2009 Las Vegas, NV
27. *Use of Constrained Liners in Type 3B Acetabulum: Is There a Higher Rate of Loosening?* The 76<sup>th</sup>. Annual meeting of the American Academy Orthopaedic Surgeons 2009 Las Vegas, NV
28. *Trends of perioperative serologies in two-stage treatment of septic total knee arthroplasty* The 76<sup>th</sup>. Annual meeting of the American Academy Orthopaedic Surgeons 2009 Las Vegas, NV
29. *Testing For Sepsis in Revision Total Hip Arthroplasty. The 75<sup>th</sup> Annual Meeting of the American Academy Orthopaedic Surgeons, San Francisco, CA 2008*
30. *Perioperative Testing for Sepsis in Revision Total Hip Arthroplasty* Mid America Orthopaedic Association. 2008
31. *The Use of the Extended Trochanteric Osteotomy in Treating Periprosthetic Infection: A 3.5 year Follow-Up Study.* Mid-America Orthopaedic Association, 2008
32. *Perioperative Testing for Sepsis in Revision Total Knee Arthroplasty* The 75<sup>th</sup>. Annual meeting of the American Academy Orthopaedic Surgeons, San Francisco, CA 2008
33. *Perioperative Testing for Sepsis in Revision Total Hip Arthroplasty* Mid-America Orthopaedic Association. 2008
34. *Unsupported Acetabular Transplants For Type IIIB Acetabular Defects: Average 10 year Follow-up,* The 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL 2006
35. *The Use of Large Femoral Heads to Treat Instability After Total Hip Arthroplasty,* The 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL 2006
36. *The Use of Trabecular Metal For Type III Acetabular Defects,* The 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL 2006
37. *Periprosthetic Femoral Fracture Fixation with a Locking Plate;* 15th Annual Meeting of The American Academy of Hip and Knee Surgeons, Dallas, Texas 2005
38. *Uncemented 2-stage revision total hip arthroplasty for peri-prosthetic infection* The 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005
39. *Extended Trochanteric Osteotomy in Revision Total Hip Arthroplasty For Periprosthetic Infection,* The 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005
40. *Total hip arthroplasty in Crowe III and IV Developmentally Dysplastic Hips: Is Structural Allograft Ever Necessary?* The 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005

41. *Addressing Major Bone Loss in Revision Knee Using Press Fit Stems: A Minimum 12 year Follow-Up* The 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005
42. *The Use of a Trabecular Metal Acetabular Component And Trabecular Metal Augment For Severe Acetabular Defects.* AAHKS 2005 Annual Meeting
43. *Periprosthetic Femoral Fracture Fixation with a Locking Plate,* AAHKS 2005 Annual Meeting
44. *Acetabular Revision Using A Trabecular Metal Acetabular Component For Severe Acetabular Bone Loss Associated With A Pelvic Discontinuity,* AAHKS 2005 Annual Meeting
45. *The Geographic Variation of Fractures and Treatment In the Medicare Population,* The 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005
46. *Periprosthetic Femoral Fracture Fixation with a Locking Plate;* 15th Annual Meeting of The American Academy of Hip and Knee Surgeons, Dallas, Texas 2005
47. *Uncemented 2-stage revision total hip arthroplasty for peri-prosthetic infection* The 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005
48. *Extended Trochanteric Osteotomy in Revision Total Hip Arthroplasty For Periprosthetic Infection,* The 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005
49. *Total hip arthroplasty in Crowe III and IV Developmentally Dysplastic Hips: Is Structural Allograft Ever Necessary?* The 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005
50. *Addressing Major Bone Loss in Revision Knee Using Press Fit Stems: A Minimum 12 year Follow- Up* The 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005
51. *Structural Allografts for Acetabular Reconstruction,* The 71<sup>st</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA 2004
52. *High Failure Rates of a Constrained Acetabular Liner in Revision Total Hip Arthroplasty,* The 71<sup>st</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA 2004
53. *Perioperative Complications Between Simultaneous Bilateral Versus Unilateral Total Knee Arthroplasty,* The 71<sup>st</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA 2004
54. *Allograft Reinforcement of Massive Acetabular Defects in Revision Hips: a 6 to 9 Year Follow-up,* The 71<sup>st</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA 2004
55. *Femoral Fixation in the Face of Significant Bone Loss: The Use of Modular Stems,* The Annual Meeting of the Hip Society, San Francisco, CA 2004 – Presented by Dr. Wayne Paprosky
56. *Extensively Porous Coated Femoral Stems: The Limits of Use,* The Annual Meeting of the Hip Society, New Orleans, Louisiana February 2003 – Presented by Dr. Wayne Paprosky

57. *The Long Term Outcome of Hip Dislocation in Type II and Type III Spinal Muscular Atrophy Patients.* The Southern Orthopaedic Association, Nashville, Tennessee; November 2001
58. *Regional Variation In Total Joint Arthroplasty, Techniques and Science for Successful Joint Arthroplasty,* Burlington, Vermont; October 2000
59. *The Long Term Outcome of Hip Dislocation in Type II and Type III Spinal Muscular Atrophy Patients.* Pediatric Orthopaedic Society of North America. Vancouver, British Columbia April 2000
60. *A Comparison of Bead Blasted Versus Grit Blasted Cemented Femoral Components In Patients Under the Age of Fifty,* The American Academy of Orthopaedic Surgeons. New Orleans, Louisiana March 1998
61. *Hybrid Total Hip Arthroplasty In Patients Under the Age of Fifty.* The Mid American Orthopaedic Association. Hilton Head, South Carolina April 1997
62. *Total Hip Arthroplasty In The Young Adult.* The Annual Meeting of the Hip Society. San Francisco, California February 1997. Presented by Dr. John J. Callaghan

### **Select Poster Presentations**

1. *Tantalum Augments for Paprosky IIIA Defects Remain Stable at Mid Term Follow Up,* American Academy of Hip and Knee Surgeons Annual Meeting, 2011
2. *Periprosthetic Fractures Associated with Press Fit Stems in Revision TKA: Incidence, Management and Outcomes,* American Academy of Hip and Knee Surgeons Annual Meeting, 2011
3. *Metal-on-Metal Revisions: A Review of Causes, Outcomes and a High Incidence of Early Failure.* American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
4. *The Technique of Acetabular Distraction For the Reconstruction of Acetabular Defects with An Associated Chronic Pelvic Discontinuity.* 2010 AAHKS Annual Meeting November 5-7, 2010 Dallas, Texas
5. *Porous Tantalum Augments A New Device in Revision Total Knee Arthroplasty,* American Academy Orthopaedic Surgeons, New Orleans, LA 2010
6. *Testing For Sepsis in Revision Total Hip Arthroplasty.* Annual Meeting of the American Academy Orthopaedic Surgeons, San Francisco, CA 2008
7. *Perioperative Testing for Sepsis in Revision Total Hip Arthroplasty* Mid-America Orthopaedic Association. 2008
8. *Unsupported Acetabular Transplants For Type IIIB Acetabular Defects: Average 10 year Follow- up,* The 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL 2006
9. *The Use of Large Femoral Heads to Treat Instability After Total Hip Arthroplasty,* The 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL 2006

10. *Periprosthetic Femoral Fracture Fixation with a Locking Plate*; 15th Annual Meeting of The American Academy of Hip and Knee Surgeons, Dallas, Texas 2005
11. *Uncemented 2-stage revision total hip arthroplasty for periprosthetic infection* The 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005
12. *Extended Trochanteric Osteotomy in Revision Total Hip Arthroplasty For Periprosthetic Infection*, The 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005
13. *Total hip arthroplasty in Crowe III and IV Developmentally Dysplastic Hips: Is Structural Allograft Ever Necessary?* The 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005
14. *Addressing Major Bone Loss in Revision Knee Using Press Fit Stems: A Minimum 12 year Follow- Up* The 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005

### **Scientific Exhibits**

1. *An Algorithmic Approach to the Unstable Total Hip Arthroplasty*, Scientific Exhibit American Academy Orthopaedic Surgeons 2010
2. *An Algorithmic Approach to the Acetabulum During Revision Arthroplasty of the Hip*, Scientific Exhibit The 71<sup>st</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA 2004

### **Instructional Course Lectures**

- Revision Total Hip Arthroplasty: What the practicing Orthopaedist Needs to Know – AAOS 2010-2011
- Preventing Hip Dislocation in Primary Total Hip Arthroplasty – AAOS 2010-2011
- Revision Total Knee Arthroplasty: What the practicing Orthopaedics needs to know – AAOS 2009-2011
- Revision Total Knee Arthroplasty: What the practicing Orthopaedics needs to know – Mid-America Orthopaedic Association 2011