



Employment	Midwest Orthopaedics at RUSH July 2003 – Present
	Medical Executive Committee Midwest Orthopaedics at RUSH 2012 – Present
Hospital Privileges	Rush University Medical Center Chicago, Illinois 2002 – Present
	RUSH Oakbrook Outpatient Ambulatory Surgical Center Oak Brook, Illinois 2019 - Present
	Central DuPage Hospital Winfield, Illinois 2002 - 2019
	Oak Park Hospital Oak Park, Illinois 2003-2010
	Elmhurst Memorial Hospital Elmhurst, Illinois 2013 – Present
	Edward Hospital Naperville, Illinois 2018 – Present
	Great Lakes Surgical Center Munster, Indiana 2018 – Present
	Franciscan Health Care Munster, Indiana 2018 - Present

**Academic
Appointments**

Rush University Medical Center
Professor Orthopaedic Surgery
RUSH University Medical Center
Chicago, Illinois
2018 - Present

Associate Professor Orthopaedic Surgery
RUSH University Medical Center
Chicago, Illinois
2012 - 2018

Director of Quality and Outcomes
RUSH University Medical Center
Chicago, Illinois
2015 - Present

Assistant Professor Orthopaedic Surgery
RUSH University Medical Center
Chicago, Illinois
2003-2012

Education

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
2005-2015 (Initial term)
2015-2025 (Recertified)
- State of Illinois 2002 - Present
- State of Indiana 2015 - Present
- State of New Hampshire 2001-2002

Professional Medical Societies

- The Knee Society – Active Member 2017 - Present
- The European Hip Society – Active Member 2014 - Present
- The Hip Society - Active Member 2012 - Present
- Diplomate American Academy of Orthopaedic Surgeons
- Fellow Association For Arthritic Hip and Knee Surgery - Active Member
- Mid American Orthopaedic Association - Active Member
- Illinois Orthopaedic Association
- American Medical Association
- Fellow American College of Surgeons 2018 - Present

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.

Academic Honors

- Mark Coventry Award, *Microorganism-Directed Oral Antibiotics Reduce Rates of Failure Secondary to Infection after Two-Stage Revision for Chronic Periprosthetic Joint Infection: A Multicenter, Randomized Controlled Trial at a Minimum of Two-Years* 2019
- CCJR/OREF Clinical Practice Award, *Randomized trial of static and articulating spacers for the infected TKA*, 2019
- Mark Coventry Award, *Oral Antibiotics Reduce Reinfection Following 2-Stage Exchange: A Multicenter, Randomized Controlled Trial*, 2015
- AAHKS Poster Award, *Dual Mobility Articulations For Patients at High Risk For Dislocation*, American Association of Hip and Knee Surgeons, 2015 Dallas, TX
- OREF/CCJR Clinical Practice Award, *Diagnosis of Periprosthetic Joint Infection in Revision Hip Arthroplasty with a Metal-on-Metal Bearing or Corrosion*, 2014
- The Frank Stinchfield Award, *The Diagnosis of Early Postoperative Periprosthetic Joint Infection Following Primary THA Using Synovial Fluid Analysis and C-reactive Protein*, 2013
- 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
- *The Journal of Bone and Joint Surgery* Resident Journal Club Grant, 2001
- *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

- Reviewer for Following Journals:

Journal of Bone & Joint Surgery (American)
Clinical Orthopaedics and Related Research
Orthopaedic Knowledge Online
Journal of Arthroplasty

- Guest Editor, Journal of Arthroplasty – 2012, 2013 American Association of Hip and Knee Surgeon Proceedings Supplement

AAOS Academic Director/Instructor Activities

- Course Co-Director AAOS Total Hip Arthroplasty: 2017, 2018, 2020
- Instructor AAOS Outpatient Joint Replacement Course 2019
- Course Co-Director AAOS/AAHKS *Total Hip Arthroplasty: From Primary to Revision* 2015
- Course Co-Director AAOS/AAHKS/Hip Society/Knee Society: Enhancing Surgical Skills of Revision Total Hip Arthroplasty for Orthopaedic Fellows 2015
- Instructor AAOS/AAHKS/Hip Society/Knee Society: Fundamentals of Hip and Knee Arthroplasty for Orthopaedic Residents, 2015
- Instructor AAOS/AAHKS Advanced Surgical Techniques for Management of Knee Arthritis, 2015
- Instructor Board Review Course – Adult Reconstruction, 2014
- Director AAOS Web based CME Course: Adult Knee Reconstruction, 2013-14
- Director AAOS Pilot Web based CME Course: Adult Hip Reconstruction, 2012-2013
- Instructor AAOS/AAHKS *Challenges and Controversies in Total Joint Arthroplasty*, 2010-13
- Instructor *Revision Hip Arthroplasty*, 2009-2012
- Instructor AAOS/AAHKS *Improving Outcomes for Partial, Primary and Revision Knee Arthroplasty* 2010-13
- Instructor AAOS/AAHKS *Advanced Surgical Techniques for Management of Knee Arthritis*, 2013-14
- Instructor AAOS/AAHKS *Total Hip Arthroplasty: From Primary to Revision*, 2013

AAOS Instructional Course Lectures

- Periprosthetic Fracture – A Case Based Discussion – AAOS 2019
- Revision Total Hip Arthroplasty – A Case Based Discussion – AAOS 2015-2018
- Innovative Techniques in Revision Total Hip Arthroplasty – AAOS 2013-2019

- Revision Total Hip Arthroplasty: What the practicing Orthopaedist Needs to Know – AAOS 2010-2012
- Preventing Hip Dislocation in Primary Total Hip Arthroplasty – AAOS 2010-2012
- Revision Total Knee Arthroplasty: What the practicing Orthopaedics needs to know – AAOS 2009-2012

AAOS Symposium Lectures

- Performing a Revision Total Hip Arthroplasty: What You Need to Know, New Orleans, LA 2018
- Hot Topics and Controversies in Revision Total Hip Arthroplasty, Orlando, FL 2016
- How Do I Get Out of This Jam? Dealing with Intraoperative and Early Postoperative Challenges in Primary THA, New Orleans, LA 2014
- Hot Topics and Controversies in Revision Total Hip Arthroplasty, New Orleans, LA 2014

Elected AAOS Academic Activities

- Hip & Knee Content Committee, Liaison from The Hip Society, 2019
- Treasurer American Joint Replacement Registry (AJRR) 2017-Present
- Steering Committee American Joint Replacement Registry (AJRR) 2018- Present
- Board of Directors American Joint Replacement Registry (AJRR) 2013- 2018
- Chairman Data Elements and Analysis Subcommittee AJRR, 2017 - present
- Appropriate Use Criteria Voting panel member, “Orthopaedic Implant Infection in Patients Undergoing Dental Procedures”, 2017
- Fellowship Match Oversight Committee member, 2015 – Present
- AAOS Founding Principles in Arthroplasty Program China, 2014 - 2018
- Vice Chairman Board of Orthopaedic Specialties Research, 2014 - 2018
- American Joint Replacement Registry Data Management Committee, 2013 - Present
- Adult Reconstruction Hip Program Committee, 2012 - Present
- Evaluation Committee, 2007-2010
- Task Force on Shared Decision Making in Total Hip Arthroplasty, 2001-2003
- Task Force on Shared Decision Making in Total Knee Arthroplasty, 2001-2003

Elected AAHKS Academic Activities

- Board of Directors, At-Large position, 2016 – 2018
- American College of Surgeons Advisory Council for Orthopaedic Surgery, 2017 - Present
- Fellowship Match Oversight Committee, 2014 – Present
- Chairman Membership Outreach Committee, 2018 - Present
- Membership Outreach Committee, 2014 – Present
- Humanitarian Award Task Force
- Perioperative Anesthesia & Analgesia for Total Joint Arthroplasty Guidelines Committee, 2018
- Program Committee, 2013 – 2016
- AAHKS/American College of Rheumatology perioperative management guideline development group, 2015 - 2017
- Vice Chairman Industry Relations Committee, 2015 - Present
- Publications Committee, 2013-2015

Elected Hip Society Academic Activities

- Board of Specialty Societies representative, 2019 - Present
- Board of Directors Member-at-Large, 2019 - Present
- Membership Committee, 2016 - Present
- Chairman Education Committee, 2017 - 2018
- Content Committee Liaison to AAOS Hip and Knee Committee 2016 - Present
- Course Co-Director and Founding member of *Contemporary Approaches To Adult Hip and Knee Reconstruction* Education program. 2016 - Present.
- Fellowship and Mentorship Committee, 2015 – Present
- Education Committee, 2015 – Present
- Research Committee, 2013 - Present
- Board of Orthopaedic Specialties (BOS) research liaison for The Hip Society, 2012 – 2017

Elected Knee Society Academic Activities

- Chairman Education Committee 2020
- Education Committee 2019

Orthopaedic Faculty Instructor Activities

- American Association of Hip and Knee Surgeons (AAHKS) Spring Meeting, New York, New York 2019
- International Congress for Joint Reconstruction Resident and Fellow Course (ICJR), New York, NY, 2019
- International Congress for Joint Reconstruction Technology Course (ICJR), Nashville, TN, 2019
- Current Concepts in Joint Replacement (CCJR), Orlando, FL 2018
- Orthopaedic Summit and Evolving Techniques, Las Vega, NV 2018, 2019

- International Congress for Joint Reconstruction (ICJR), Key Largo, FL 2018,2020
- International Congress for Joint Reconstruction (ICJR), Rochester, MN 2018
- American Association of Hip and Knee Surgeons (AAHKS) Spring Meeting, Miami, FL 2018
- International Congress for Joint Reconstruction (ICJR), Amelia Island, FL 2017
- VuMedi Advanced Bearing Controversies in Total Joint Arthroplasty webinar, 2015
- VuMedi Latest Advances in Total Joint Arthroplasty Infection: Prevention, Diagnosis & Management, 2015
- Harvard Advances in Arthroplasty Course, Boston, MA 2014
- International Congress for Joint Reconstruction (ICJR), Vail, CO 2014, 2015, 2017, 2018, 2019, 2020
- International Congress for Joint Reconstruction (ICJR), Newport Beach, CA 2015
- International Congress for Joint Reconstruction (ICJR), Palm Springs, CA 2014
- International Congress for Joint Reconstruction (ICJR), Napa, CA 2013-2015
- *Joint Replacement Fellows Course*, Vail, CO 2013
- *Mid-American Orthopaedic Association* - “Back to the Basics”, Tucson, AZ 2011
- Revision Total Knee Arthroplasty: What the practicing Orthopaedics needs to know – Mid-America Orthopaedic Association 2011

Regional Academic Activities

- Chairman Mid-America Orthopaedic Association Membership Committee 2022-2023
- Mid-America Orthopaedic Association Membership Committee 2020-2022
- Institutional Host American Association of Hip and Knee Surgeons (AAHKS)/Chinese Orthopaedic Association (COA) 3 month traveling fellowship 2016, 2017
- Technical Expert BeTTER SAID project 2015 - present
- Chairman Advisory Committee on Research, Cadence Health 2013 - 2018
- Chairman for Central DuPage Hospital Department of Orthopaedic Surgery 2010-2012
- Vice-chairman for Central DuPage Hospital Department of Orthopaedic Surgery 2006-2010
- RUSH University Medical Center Department of Orthopaedic Surgery Advisory Committee 2009-2011
- 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
- Charter Member of *Arthroplasty Connect*
- 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

Invited Academic Lectures

- The University of Virginia, Guest Lecturer, 2019
- Iowa Orthopaedic Society, Guest Lecturer, 2017
- University of Missouri, Guest Lecturer, 2016
- Mount Sinai Hospital, Guest Lecturer, 2016
- Xiangshan International Arthroplasty Summit Keynote Speaker, Beijing China, 2015
- Northwestern University Guest Lecturer, 2015, 2016
- Dartmouth Hitchcock Medical Center Thesis Day, 2012
- The University of Iowa Richard Johnston guest lecturer, 2007

Medical Consulting

Consultant

- Don Joy Orthopaedics 2016 – Present
- PULSE 2018 - 2021
- OsteoRemedies 2016 - Present
- Zimmer 2003 - 2015
Surgeon Education, Sales Associate Education, Web based education development
- Smith and Nephew 2010 - 2013
Surgeon Education, Evaluation Team Member

Implant Design Consultant

- Don Joy Orthopaedics 2016-Present
- Osteoremedies 2016 – Present
- White Surgical 2018 - 2020
- Zimmer 2010 - 2015
- Smith and Nephew 2010 - 2015

Medical Director

- Residential Home HealthCare 2010-2011
- Cadence Health System 2013 - 2017
Co-Director Adult Joint Replacement Institute

Patents

- #20090146342 Spacer Mold and Methods Therefore 6/11/2009
- #20100102484 Spacer Molds With Releasable Securement 4/29/2010

Government Funded Research Grants:

1. **Sporer, SM** (Subcontractor PI), Pulmonary Embolism Prevention after Hip and Knee Replacement: Balancing Safety and Effectiveness (PEPPER), 2016 - current

Corporate Funded Research Grants:

1. **Sporer, SM (PI)**, A Prospective Radiostereometric Analysis and Clinical Evaluation of the Trident II Acetabular Component, Stryker 2016 - current
2. **Sporer, SM (PI)**, A Multicenter, Randomized, Double Blind, Controlled Trial Comparing Local Infiltration Analgesia with EXPAREL to Local Infiltration Analgesia without EXPAREL to Manage Postsurgical Pain Following Total Knee Arthroplasty, PACIRA, 2016-2017
3. **Sporer, SM (PI)**, Radiostereometric Analysis and Clinical Evaluation of the Persona Total Knee Replacement, Zimmer 2016 - 2018
4. **Sporer, SM (PI)**, A Prospective Radiostereometric Analysis and Clinical Evaluation of the Triathlon Tritanium Total Knee Replacement, Stryker 2014 - 2019
5. **Sporer, SM (PI)**, Persona Outcomes Led Assessment Research in Total Knee Arthroplasty, Zimmer 2013 - current
6. **Sporer, SM (PI)**, A Prospective Radiostereometric Analysis and Clinical Evaluation of the Zimmer Continuum Acetabular Cup with Vitamin E Stabilized Polyethylene, Zimmer 2012 - current
7. Jacobs, JJ (PI), A Prospective Randomized Trial of Head-Neck Modularity in Total Hip Arthroplasty, Zimmer 2011
8. **Sporer, SM (PI)**, Investigating the Use of a Pneumatic Therapy Device in Primary Total Knee Arthroplasty Patients, Cool Systems Inc. 2010-2011

Charitable Activities

- Surgeon Volunteer "Operation Walk", Panama, 2019
- Surgeon Volunteer "Operation Walk", Bolivia, 2017
- Surgeon Volunteer "Operation Walk" USA 2012-Present
- Ross M. McNeil Foundation to End Pediatric Brain Cancer (R33M.org)

Peer Reviewed Publications

1. Microorganism-Directed Oral Antibiotics Reduce Rates of Failure Secondary to Infection after Two-Stage Revision for Chronic Periprosthetic Joint Infection: A Multicenter, Randomized Controlled Trial at a Minimum of Two-Years, *The Bone and Joint Journal*, Accepted for Publication
2. Nahhas C, Chalmer P, Parvizi J, **Sporer S**, Berend K, Moric M, Chen A, Austin M, Deirmengian G, Morris M, Della Valle, C *A Randomized Trial of Static and Articulating Spacers for the Treatment of Infection Following Total Knee Arthroplasty*, *The Journal of Bone and Joint Surgery*, May 2020
3. Darrith B, Bohl D, Karadsheh M, **Sporer S**, Berger R, Levine B. *Periprosthetic Fractures of the Distal Femur: Is ORIF or Distal Femoral Replacement Superior?* *Journal of Arthroplasty* 2020 In Press
4. **Sporer, S** Spacer Design Options & Cobnsideration for Periprosthetic Joint Infection, *The Journal of Arthroplasty*
5. Calkins TE, Hannon CP, Nam D, Gerlinger TL, **Sporer SM**, Della Valle CJ. *Who is prescribing opioids preoperatively? A survey of new patients presenting to tertiary care adult reconstruction clinics.* *J Am Acad Orthop Surg.* 2020 Vol28(7)
6. Flierl M, Sobh A, Culp B, Baker E, **Sporer S** *Evaluation of the Painful Total Knee Arthroplasty.* *JAAOS* Volume 27 Issue 20
7. **Sporer S**, *Spacer Design Options and Consideration For Periprosthetic Joint Infection*, *The Journal of Arthroplasty*, 2020.
8. Section Editor Schwarzkopf RS, ed: *Surgical Insights: Total Hip Arthroplasty* [online course]. Rosemont, IL American Academy of Orthopaedic Surgeons, 2019.
9. Calkins TE, Culvern C, Nam D, Gerlinger TL, Levine BR, **Sporer SM**, Della Valle CJ; *Dilute Betadine Lavage Reduces the Risk of Acute Postoperative Periprosthetic Joint Infection in Aseptic Revision Total Knee and Hip Arthroplasty: A Randomized Controlled Trial.* Accepted for Publication *The Journal of Arthroplasty*, 2019
10. Kunze K, Akram F, Fuller B, Choi J, **Sporer S**, Levine B; *Survivorship for posterior stabilized versus constrained condylar articulations after revision total knee arthroplasty: a retrospective, comparative analysis at short-term follow-up.* *The Journal of Arthroplasty* 2019 34(12).
11. Manning B, Bohl D, Redondo M, Gerlinger T, **Sporer S**, Paprosky W, Levine B; *Midlevel Providers in Orthopaedic Surgery: The Patient's Perspective.* Accepted for publication *The Iowa Orthopaedic Journal*.
12. **Sporer S**, Maclean L, Burger A; *Evaluation of Three-Dimensional Printed Total Knee Arthroplasty using Radiostereometric Analysis: Assessment of Highly Porous Biological Fixation in the Tibial Baseplate and Metal-backed Patella*, Accepted for publication *The Bone & Joint Journal*, 2019
13. Flierl M, Sobh A, Culp B, Baker E, **Sporer, S**: *Evaluation of the Painful Total Knee Arthroplasty*, *Journal of the American Academy of Orthopaedic Surgeons*, 2019
14. *Prospective Validation of a Demographically-Based Primary Total Knee Arthroplasty Implant Size Calculator*, Accepted for Publication, *The Journal of Arthroplasty*, 2019

15. Nahhas C, Yi P, Moric M, Jacobs J, **Sporer S**; *High Failure At A minimum 5-Year Follow-up in Primary Total Hip Arthroplasty Using A Modular Femoral Trunion*, Accepted for Publication, The Journal of Arthroplasty, 2019.
16. Kunze K, Li Jeferson, **Sporer S**, Levine B, Internal Validation of a Predictive Model for Satisfaction after Primary Total Knee Arthroplasty, Accepted for Publication, The Journal of Arthroplasty, 2018.
17. Kunze K, Li Jefferson, Movassaghi K, Wiggins A, **Sporer S**, Levine B *Internal Validation of a Predictive Model for Complications after Total Hip Arthroplasty*, Accepted for Publication The Journal of Arthroplasty, 2018
18. Mesko D, Haines N, Sadauskas A, **Sporer S** *Inferior Vena Cava Filter Use and Risk of DVT/PE Post Arthroplasty*, Orthopedics and Rheumatology 12(3) July 2018 p. 1-5
19. Sheth N, Melnic C, Brown N, **Sporer S**, Paprosky W, *Two-Centre Radiographic Survivorship of Acetabular Distraction Technique for Treatment of Chronic Pelvic Discontinuity: Mean 5-year follow-up*, Accepted for publication, The Bone and Joint Journal, 2018.
20. Hellman M, Kaufman D, Levine B, Paprosky W, **Sporer S**, DellaValle C, *High Rate of Failure Following Revision of a Constrained Liner*, Accepted for publication The Journal of Arthroplasty, 2018.
21. Kearns S, Culp B, Bohl D, **Sporer S**, Della Valle C, Levine B, *Rotating Hinge Implants for Complex Primary and Revision Total Knee Arthroplasty*, The Journal of Arthroplasty. 33(2018) p. 766-770.
22. **Sporer S**, Rogers T, Edelstein A. *Nephrotoxicity Following Treatment of Periprosthetic Joint Infection with Antibiotic-Loaded Cement Spacers*, Accepted for publication The Journal of Arthroplasty 2018.
23. Park B, Culp B, Okoroj K, **Sporer S**, Della Valle C, *A Comparison of Augments and Jumbo Cups for the Management of Type 3A Acetabular Defects*, Accepted for publication, The Journal of Arthroplasty, 2018
24. Edmiston T, DellaValle C, Manista G, Courtney M, **Sporer S**, Levine B *Clinical Outcomes and Survivorship of Lateral Unicompartmental Knee Arthroplasty: Does Surgical Approach Matter?* The Journal of Arthroplasty 33(2) 2018 p. 362-364
25. Edelstein A, Okroj K, Rogers T, Della Valle C, **Sporer S**. *Systemic Absorption of Antibiotics from Antibiotic-Loaded Cement Spacers for Treatment of Periprosthetic Joint Infection*, Accepted for publication The Journal of Arthroplasty, 2017
26. Bohl D, McDowell M, Levine B, **Sporer S**, Paprosky W, Della Valle D. *Do Porous Tantalum Metaphyseal Cones Improve Outcomes in Revision Total Knee Arthroplasty?* Accepted for publication The Journal of Arthroplasty, 2017
27. *2017 American College of Rheumatology/American Association of Hip and Knee Surgeons Guideline for the Perioperative Management of Antirheumatic Medication in Patients with Rheumatic Diseases Undergoing Elective Total Hip or Total Knee Arthroplasty*, The Journal of Arthroplasty, 2017.
28. Shah R, MacLean L, Paprosky W, **Sporer S**. *Routine Use of Radiostereometric Analysis in elective Hip and Knee Arthroplasty Patients: surgical impact, safety, and bead stability*. Accepted for Online Publication Journal of the American Academy of Orthopaedic Surgeons 2017.

29. Sershon R, Courtney M, Rosenthal B, **Sporer S**, Levine B. *Can Demographic Variables Accurately Predict Component Sizing in Primary Total Knee Arthroplasty*, The Journal of Arthroplasty 32(2017) 3004-3008.
30. Tetreault M, Bohl D, Yi P, Gross C, **Sporer S**, DellaValle C. A classification-based approach to the patella in revision total knee arthroplasty. Accepted for Publication, Arthroplasty Today, 2017
31. Edelstein A, Phan D, **Sporer S**. *Bead Debonding From a Modern Cementless Total Hip Femoral Component with Concomitant Taper Corrosion*, Accepted for publication Arthroplasty Today, 2017
32. Manning BT, Kearns S, Bohl DD, Edmiston T, **Sporer SM**, Levine BR. *Prospective Assessment of Sleep Quality Before and After Primary Total Joint Replacement*, Accepted for publication Orthopedics.
33. Brown N, Balkassoon R, Saltzman B, Haughom B, Levine B, **Sporer S**; *Knee Arthrodesis with an Intramedullary Antegrade Rod as a Salvage Procedure for the Chronically Infected Total Knee Arthroplasty*, Submitted for Publication The Journal of Arthroplasty.
34. Goldstein Z, Yi P, Tetreault M, Kearns S, Levine B, Della Valle C, **Sporer S**, *Perceived Leg Length Discrepancy Following Primary Total Knee Arthroplasty: Does Knee Alignment Play a Role?* Accepted for Publication The American Journal of Orthopaedics
35. **Sporer S**, Rogers T, Abella L, Methicillin-Resistant and Methicillin-Sensitive Staphylococcus Aureus Screening and Decolonization to Reduce Surgical Site Infection, The Journal of Arthroplasty, 2016.
36. **Sporer S**, Rogers T, *Postoperative Pain Management After Primary Total Knee Arthroplasty: The Value of Liposomal Bupivacaine*, The Journal of Arthroplasty, 2016.
37. Plummer D, Christy J, **Sporer S**, Paprosky W, Della Valle C, *Dual Mobility Articulations For Patients at High Risk for Dislocation*, The Journal of Arthroplasty, 2016
38. Shah R, Plummer D, Moric M, **Sporer S**, Levine B, Della Valle C, *Diagnosing Infection in the Setting of Periprosthetic Fractures*, The Journal of Arthroplasty 2016
39. Brown N, Morrison J, **Sporer S**, Paprosky W; *The Use of Structural Distal Femoral Allograft for Acetabular Reconstruction of Paprosky Type IIIA Defects at Mean 21 Years Follow-up*, The Journal of Arthroplasty, 2016. 31(3)
40. Plummer D, Berger R, Paprosky W, **Sporer S**, Jacobs JJ, Della Valle C, *Diagnosis and Management of Adverse Local Tissue Reactions Secondary to Corrosion at the Head-Neck Junction in Patients with Metal on Polyethylene Bearings*, The Journal of Arthroplasty 2016 (31)
41. Chalmers, P, Walton D, **Sporer S**, Levine B, *Evaluation of the Role for Synovial Aspiration in the Diagnosis of Aseptic Loosening After Total Knee Arthroplasty*. Journal of Bone and Joint Surgery, 2015 97(19).
42. Brown N, Bell J, Jung E, **Sporer S**, Paprosky W, Levine B; *The Use of Trabecular Metal Cones in Complex Primary and Revision Total Knee Arthroplasty*. Journal of Arthroplasty 2015 30(9).
43. Plummer D, Della Valle D, Berger R, Paprosky W, **Sporer S**, Jacobs J; *Diagnosis and Management of Adverse Local Tissue Reactions Secondary to*

Products of Tribocorrosion, ASTM International's STP: Selected Technical Papers 2015.

44. Huddleston J, Tetreault M, Yu M, Bedair H, Hansen V, Choi H, Goodman S, **Sporer S**, Della Valle C, *Is There Benefit to Modularity in "Simpler" Femoral Revisions?*, Clinical Orthopaedics and Related Research 2016 474(2).
45. Brown N, Murray T, **Sporer S**, Wetters N, Berger R, Della Valle C, *Extensor Mechanism Allograft Reconstruction for Extensor Mechanism Failure Following Total Knee Arthroplasty*. The Journal of Bone and Joint Surgery 2015 97(4).
46. *Two Cases of Early Intraprosthetic Dislocation of a Dual Mobility Total Hip Arthroplasty*, JBJS Case Connector March, 2015.
47. Yi P, Cross M, Moric M, Levine B, **Sporer S**, Paprosky W, Jacobs J, DellaValle C, *Do Serologic and Synovial Tests Help Diagnose Infection in Revision Hip Arthroplasty With Metal-on-Metal Bearing or Corrosion?*, Clinical Orthopaedics and Related Research, Symposium: 2014 Hip Society Proceedings 473(2), Feb. 2015
48. Brown N, Hellman M, Haughtom B, Shah R, **Sporer S**, Paprosky W, *Acetabular Distraction: Alternative Approach to Pelvic Discontinuity*. The Bone and Joint Journal 2014 96-B.
49. Brown N, Tetreault M, Cipriano C, DellaValle C, Paprosky W, **Sporer S**, *Modular Tapered Implants For Severe Femoral Bone Loss in Total Hip Arthroplasty: Reliable Osseointegration but Frequent Complications*, Clinical Orthopaedics and Related Research, 473(2), Feb. 2015
50. Cross M, Yi P, Moric M, **Sporer S**, Berger R, DellaValle C, *Revising an HTO or UKA to TKA: Is it more like a primary TKA or a Revision TKA*, Journal of Arthroplasty 2014 29(9).
51. Kancherla V, **Sporer S**, *Periprosthetic Femur Fractures: The Use of a retrograde nail*, Current Orthopaedic Practice 2014
52. Brown N, Foran J, Della Valle C, Moric M, **Sporer S**, Levine B, Paprosky W, *The Inter-and Intra-observer Reliability of the Paprosky Femoral Bone Loss Classification System*, The Journal of Arthroplasty 2014 29(7)
53. Chalmers P, **Sporer S**, Levine B, *Correlation of Aspiration Results with Aseptic Loosening in Total Hip Arthroplasty*, The Journal of Arthroplasty 2013 28(9)
54. Chalmers P, **Sporer S**, Levine B, *Correlation of Aspiration Results with Periprosthetic Sepsis in Revision Total Hip Arthroplasty*, The Journal of Arthroplasty 2014 29(2).
55. Yi P, Cross M, Moric M, **Sporer S**, Berger R, Della Valle C, *The 2013 Frank Stinchfield Award: Diagnosis of Infection in the Early Postoperative Period After Total Hip Arthroplasty*, Clinical Orthopaedics and Related Research, 472(2), Feb. 2014
56. Yi P, Haughom B, **Sporer S**, *External Iliac Artery Injury from Migrated Antibiotic Hip Space*, The Journal of Bone & Joint Surgery Case Connector 2013.
57. Tetreault M, Shukla S, Yi P, **Sporer S**, Della Valle C, *Are Short Fully coated Stems Adequate for "Simple" Femoral Revisions?* Clinical Orthopaedics and Related Research, Symposium: 2013 Hip Society Proceedings 472(2), Feb. 2013

58. Kancherla V, DelGazio D, Paprosky W, **Sporer S**, *Utility of Trepine Reamers in Revision Hip Arthroplasty*, The Journal of Arthroplasty, 2014 29(1)
59. *A Comparison of Modular Tapered versus Modular Cylindrical Stems for Complex Femoral Revisions*, AAHKS supplement J Arthroplasty 2013
60. Konigsberg B, Della Valle C, Ting N, Qiu F, **Sporer S**, *Acute Hematogenous Infection Following Total Hip and Knee Arthroplasty*. The Journal of Arthroplasty, 2014 29(3)
61. Rosenthal B, Hulst J, Levine B, **Sporer S**, *The Effect of Payer Type on Clinical Outcomes in Total Knee Arthroplasty*, The Journal of Arthroplasty, 2014 29(2).
62. Cooper HJ, Della Valle CJ, Berger RA, Tetreault M, Paprosky WG, **Sporer SM**, Jacobs JJ. *Corrosion at the head-neck taper as a cause for adverse local tissue reactions after total hip arthroplasty*. *J Bone Joint Surg Am.*94(18):1655-1661.
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5. *Classification of Acetabular Defects in Revision Total Hip Arthroplasty and an Overview of Surgical Technique* – Chapter 116 *The Adult Hip*, 2014
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Video Presentations

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Select Podium Presentations

1. Who is prescribing opioids preoperatively? A survey of new patients presenting to a tertiary care adult reconstruction clinic, AAOS Annual Meeting, 2020 Orlando, FL
2. A Randomized Clinical Trial of Articulating and Static Spacers in the Management of Chronic Periprosthetic Knee Infection, American Association of Hip and Knee Surgeons (AAHKS) Dallas, TX 2019
3. Dilute Betadine Lavage Reduces the Risk of Acute Postoperative Infection in Aseptic Revision Total Knee or Hip Arthroplasty: Interim Analysis of a Randomized Controlled Trial, Mid-America Orthopaedic Association, Miramar Beach, FL 2019
4. Evaluation of Highly Porous Biological Fixation in Total Knee Arthroplasty using Radiostereometric Analysis: Assessment of Tibia Baseplate and Metal-backed Patella, Closed Meeting of Knee Society, St. Louis, MO 2018
5. “Challenges and Controversies: What Keeps a Surgeon Up at Night” (A Case-Based Discussion) AAOS Knee Society Specialty Day, New Orleans, LA 2018
6. Multi-center Radiographic Analysis of the Acetabular Distraction Technique for Treatment of Chronic Pelvic Discontinuity: Mean 5-year follow-up, AAOS Annual Meeting, 2018 New Orleans, LA
7. A Retrospective Review of a Single Design Rotating Hinge Knee Implant, AAOS Annual Meeting, 2018 New Orleans, LA
8. High Rate of Failure Following Revision of A Constrained Liner, American Association of Hip and Knee Surgeons, 2017 Dallas, TX
9. Clinical wear results for a vitamin-E-stabilized polyethylene acetabular liner using a novel model-based approach for measuring wear in radio-opaque cups, 2017 ANZORS-RSA Conference, Adelaide, Australia
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11. Patient Perceptions of Sleep Quality Before and After Primary Total Joint Replacement, American Association of Hip and Knee Surgeons, 2016 Dallas, TX; AAOS Annual Meeting, 2017 San Diego, CA
12. Periprosthetic Fractures of the Distal Femur: Is ORIF or Distal Femoral Replacement Superior, Mid America Orthopaedic Association, Amelia Island, FL 2017
13. Nephrotoxicity following the management of an infected total knee or hip using an antibiotic loaded cement spacer, Closed Meeting of the Hip Society, Boston, MA 2016
14. Oral Antibiotics Reduce Reinfection Following 2-Stage Exchange: A Multi-Center Randomized Controlled Trial. AAOS Annual Meeting, Orlando, FL 2016
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17. What Is The Benefit of Staphylococcal Screening And Treatment Prior to Elective Hip/Knee Arthroplasty, 2015 Summer Meeting of The Hip Society, Sonoma, CA
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26. Radiostereometric Analysis (RSA) Beads are Stable When Used In Primary Total Joint Arthroplasty, Closed Meeting of the Hip Society, Durham, NC 2014
27. *Diagnosing Infection in the Setting of Periprosthetic Fractures*, American Association of Hip and Knee Surgeons, Dallas, TX 2014; Mid-America Orthopaedic Association, Hilton Head, SC 2015
28. *Adverse Local Tissue Reactions Secondary to Corrosion at the Head-Neck Junction in Patients with Metal on Polyethylene Bearings*, American Association of Hip and Knee Surgeons, 2014 Dallas, TX
29. *Diagnosis of Periprosthetic Joint Infection in Revision Hip Arthroplasty with a Metal-on-Metal Bearing or Corrosion*, 15th EFFORT Congress, London, United Kingdom, 2014
30. *Acetabular Revision: Recommendations for Surgical Success*, Open Meeting of The Hip Society, 2014 New Orleans, LA
31. *Diagnosis of Periprosthetic Joint Infection in Revision Hip Arthroplasty with a Metal-on-Metal Bearing or Corrosion*, The Closed Meeting of The Hip Society, Charleston, SC 2013
32. *Is There a Benefit To Modularity in "Simpler" Femoral Revision Surgery?*, The Closed Meeting of The Hip Society, Charleston, SC 2013

33. *Modular Tapered Implants for Severe Femoral Bone Loss in Revision Total Hip Arthroplasty*, The Closed Meeting of The Hip Society, Charleston, SC 2013
34. *Synovial Aspirate Characteristics: Do Successful and Failed Total Knee Arthroplasties Differ?* , Mid-America Orthopaedic Association, 2014 San Antonio, TX
35. *Diagnosis of Periprosthetic Joint Infection in Revision Hip Arthroplasty with a Metal-on-Metal Bearing or Corrosion*, Mid-America Orthopaedic Association, 2014 San Antonio, TX
36. *The Effect of Payer Type on Clinical Outcomes in Total Knee Arthroplasty*, Mid-America Orthopaedic Association, 2014 San Antonio, TX
37. *Perceived Leg Length Discrepancy Following Primary Total Knee Arthroplasty*, Mid-America Orthopaedic Association, 2014 San Antonio, TX
38. *Diagnosis of Periprosthetic Joint Infection In Revision Hip Arthroplasty With A Metal-On-Metal Bearing Or Corrosion*. American Association of Hip and Knee Surgeons, 2013 Dallas, TX
39. *Post-operative Assessment of Acetabular Cup Alignment Using Radiostereometric Analysis – A Retrospective Analysis*, RSA Meeting, Lund, Sweden 2013
40. *Exposure of Failed Total Hip Replacement: Posterior Approach and Posterior Extended Trochanteric Osteotomy*, Open Meeting of the Hip Society, Chicago, IL 2013
41. *The Patella in Revision Total Knee Arthroplasty*, Mid-America Orthopaedic Association, 2013 Amelia Island, Florida
42. *Short Fully Coated Stem Use in Revision Hip Arthroplasty*, AAOS Annual Meeting, 2013 Chicago, IL
43. *Correlation of Aspiration Results with the Etiology of Aseptic Failure in Total Hip Arthroplasty*, AAOS Annual Meeting, 2013 Chicago, IL
44. *Utility of Trepine Reamers in Revision Hip Arthroplasty*, AAOS Annual Meeting, 2013 Chicago, IL
45. *Management of the Patella in Revision Total Knee Arthroplasty*, AAOS Annual Meeting, 2013 Chicago, IL
46. *A Comparison of Modular Tapered versus Cylindrical Stems For Complex Femoral Revisions*, American Association of Hip and Knee Surgeons, 2012 Dallas, TX
47. *Short Fully Coated Stems In Revision Total Hip Arthroplasty*, The Closed Meeting of the Hip Society, 2012
48. *Hip Synovial Cell Count Variability and Role of Absolute Neutrophil Count in Periprosthetic Joint Infection*, Musculoskeletal Infection Society, 2012
49. *Extensor Mechanism Allograft Reconstruction for Extensor Mechanism Disruption Following Total Knee Arthroplasty*, American Academy of Hip and Knee Surgeons Annual Meeting, 2011
50. *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
51. *Modular Tapered Implants for Severe Femoral Bone Loss In Revision Total Hip Arthroplasty*. Mid-America Orthopaedic Association 2011
52. *Serum and Synovial Fluid Tests for Periprosthetic Infection in Patients with Inflammatory Arthritis*. Mid-America Orthopaedic Association 2011

53. *Varus Remodeling of the Femur in Revision Total Hip Arthroplasty*. Mid-America Orthopaedic Association 2011
54. *Premature Failure of A Primary Total Hip Arthroplasty Using A Modular Femoral Trunion*. American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
55. *Patients Feel that Orthopaedic Surgeons are Undercompensated for Total Hip and Knee Replacement*. American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
56. *Varus Remodeling of the Femur in Revision Total Hip Arthroplasty*. American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
57. *Periprosthetic fractures associated with press fit stems in revision total knee arthroplasty*. American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
58. *Serum and Synovial Fluid Tests for Periprosthetic Infection in Patients with Inflammatory Arthritis*. American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
59. *Dilute Betadine Lavage Prior to Closure for Preventing Acute Deep Periprosthetic Joint Infection*. American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
60. *An Algorithmic Approach to the Unstable Total Hip Arthroplasty*. American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
61. *Preoperative Staphylococcus Aureus Screening to Reduce Surgical Site Infection* American Academy Orthopaedic Surgeons annual meeting 2011. San Diego, CA
62. *Varus Remodeling of the Femur in Revision Total Hip Arthroplasty*. AAHKS 20th Annual Meeting, Dallas, TX 2010
63. *Erythrocyte Sedimentation Rate and C-reactive protein for the Diagnosis of Periprosthetic Infection in Patients with Inflammatory Arthritis*. AAHKS 20th Annual Meeting, Dallas, TX 2010
64. *Fretting Corrosion and Fracture of Modular Neck-Body Junctions in Hip Replacement Femoral Components*, American Academy Orthopaedic Surgeons annual meeting 2010. New Orleans, LA
65. *Premature Failure at Short-Term Follow-Up in Primary Total Hip Arthroplasties Using the Alfa II Modular Stem*, Mid-America Orthopaedic Association 2010
66. *The Technique of Acetabular Distraction for the Treatment of Chronic Pelvic Discontinuities System*, Mid-America Orthopaedic Association 2010
67. *Decision Analysis for the Treatment of Acute Infection Following Total Hip Arthroplasty*, Mid-America Orthopaedic Association 2010
68. *Decision Analysis for the Treatment of Hip Osteoarthritis: Resurfacing versus Total Hip Arthroplasty*, Mid-America Orthopaedic Association 2010
69. *Perioperative Testing for Persistent Sepsis following Resection* American Academy of Hip and Knee Surgeons 2009
70. *Treatment of Acute Hematogenous Infection in Total Hip and Knee Patients* American Academy of Hip and Knee Surgeons 2009
71. *Trabecular Metal Augments in Revision Total Knee Arthroplasty*. Swiss Orthopaedic Society, Geneva, Switzerland June 2009

72. *A Prospective Randomized Trial of Mini Posterior and Two-Incision Total Hip Arthroplasty* The 76th. Annual meeting of the American Academy Orthopaedic Surgeons 2009 Las Vegas, NV
73. *Problems From Allowing Knee Replacement To Be Discharged The Day of Surgery* The 76th. Annual meeting of the American Academy Orthopaedic Surgeons 2009 Las Vegas, NV
74. *A New Approach and Classification in the Treatment of Pelvic Discontinuity: A 6 Year Follow-Up* The 76th. Annual meeting of the American Academy Orthopaedic Surgeons 2009 Las Vegas, NV
75. *Use of Constrained Liners in Type 3B Acetabulum: Is There a Higher Rate of Loosening?* The 76th. Annual meeting of the American Academy Orthopaedic Surgeons 2009 Las Vegas, NV
76. *Trends of perioperative serologies in two-stage treatment of septic total knee arthroplasty* The 76th. Annual meeting of the American Academy Orthopaedic Surgeons 2009 Las Vegas, NV
77. *Testing For Sepsis in Revision Total Hip Arthroplasty. The 75th Annual Meeting of the American Academy Orthopaedic Surgeons, San Francisco, CA 2008*
78. *Perioperative Testing for Sepsis in Revision Total Hip Arthroplasty* Mid America Orthopaedic Association. 2008
79. *The Use of the Extended Trochanteric Osteotomy in Treating Periprosthetic Infection: A 3.5 year Follow-Up Study.* Mid-America Orthopaedic Association, 2008
80. *Perioperative Testing for Sepsis in Revision Total Knee Arthroplasty* The 75th. Annual meeting of the American Academy Orthopaedic Surgeons, San Francisco, CA 2008
81. *Perioperative Testing for Sepsis in Revision Total Hip Arthroplasty* Mid-America Orthopaedic Association. 2008
82. *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
83. *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
84. *The Use of Trabecular Metal For Type III Acetabular Defects,* The 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL 2006
85. *Periprosthetic Femoral Fracture Fixation with a Locking Plate;* 15th Annual Meeting of The American Academy of Hip and Knee Surgeons, Dallas, Texas 2005
86. *Uncemented 2-stage revision total hip arthroplasty for peri-prosthetic infection* The 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005
87. *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
88. *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

89. *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
90. *The Use of a Trabecular Metal Acetabular Component And Trabecular Metal Augment For Severe Acetabular Defects.* AAHKS 2005 Annual Meeting
91. *Periprosthetic Femoral Fracture Fixation with a Locking Plate,* AAHKS 2005 Annual Meeting
92. *Acetabular Revision Using A Trabecular Metal Acetabular Component For Severe Acetabular Bone Loss Associated With A Pelvic Discontinuity,* AAHKS 2005 Annual Meeting
93. *The Geographic Variation of Fractures and Treatment In the Medicare Population,* The 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005
94. *Periprosthetic Femoral Fracture Fixation with a Locking Plate;* 15th Annual Meeting of The American Academy of Hip and Knee Surgeons, Dallas, Texas 2005
95. *Uncemented 2-stage revision total hip arthroplasty for peri-prosthetic infection* The 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005
96. *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
97. *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
98. *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
99. *Structural Allografts for Acetabular Reconstruction,* The 71st Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA 2004
100. *High Failure Rates of a Constrained Acetabular Liner in Revision Total Hip Arthroplasty,* The 71st Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA 2004
101. *Perioperative Complications Between Simultaneous Bilateral Versus Unilateral Total Knee Arthroplasty,* The 71st Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA 2004
102. *Allograft Reinforcement of Massive Acetabular Defects in Revision Hips: a 6 to 9 Year Follow-up,* The 71st Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA 2004
103. *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
104. *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
105. *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

106. *Regional Variation In Total Joint Arthroplasty*, Techniques and Science for Successful Joint Arthroplasty, Burlington, Vermont; October 2000
107. *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
108. *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
109. *Hybrid Total Hip Arthroplasty In Patients Under the Age of Fifty*. The Mid American Orthopaedic Association. Hilton Head, South Carolina April 1997
110. *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. *Trends of Femoral Neck Fracture Treatment using Total Hip Arthroplasty: Reported from the American Joint Replacement Registry*, American Association of Hip and Knee Surgeons, Dallas, TX 2019
2. *Dilute Betadine Lavage Reduces the Risk of Acute Postoperative Infection in Aseptic Revision Total Knee or Hip Arthroplasty: Interim analysis of a Randomized Controlled Trial*, AAOS Annual Meeting, 2019 Las Vegas, NV
3. *Midlevel Providers in Orthopedic Surgery: The Patient's Perspective*, Mid-America Orthopaedic Association, Miramar Beach, FL 2019
4. *Internal Validation of a Predictive Model for Complications after Total Hip Arthroplasty*, American Association of Hip and Knee Surgeons, 2018
5. *Evaluation of Highly Porous Biological Fixation in Total Knee Arthroplasty using Radiostereometric Analysis: Assessment of Tibial Baseplate and Metal Backed Patella*, American Association of Hip and Knee Surgeons, 2018
6. *Dilute Betadine Lavage Reduces the Risk of Acute Postoperative Infection in Aseptic Revision Total Knee or Hip Arthroplasty: Interim analysis of a Randomized Controlled Trial*, American Association of Hip and Knee Surgeons, 2018
7. *Can Demographic Variables Accurately Predict Component Sizing in Primary Total Knee Arthroplasty?*, AAOS Annual Meeting, 2018 New Orleans, LA
8. *Clinical Outcomes and Survivorship of Lateral Unicompartmental Knee Arthroplasty: Does Surgical Approach Matter?* AAOS Annual Meeting, 2018 New Orleans, LA
9. *The Use of Intraoperative Manufactured Articulating Antibiotic Hip Spacers: A Novel Technique to Treat Infection in a Cost Conscious Environment*. Mid America Orthopaedic Association, 2018 San Antonio, TX
10. *A Comparison of Augments and Jumbo Cups for the Management of Type 3A Acetabular Defects*, American Association of Hip and Knee Surgeons, 2017 Dallas, TX

11. *Early Clinical Results of a Cementless Metal-backed Patella and Tibia: Novel Approach to Measuring Patella Fixation*, American Association of Hip and Knee Surgeons, 2017 Dallas, TX
12. *A model-based radiostereometric analysis approach to measuring stability of a cementless metal-backed patella*, 2017 ANZORS-RSA Joint Conference, Adelaide, Australia
13. *Rivaroxaban versus Warfarin versus Aspirin for Venous Thromboembolism Prophylaxis Following Primary Total Joint Arthroplasty*, AAOS Annual Meeting, 2017 San Diego, CA
14. *Dual Mobility Articulations For Patients at High Risk For Dislocation*, American Association of Hip and Knee Surgeons, 2015 Dallas, TX
15. *Effect of diaphyseal-engaging femoral and tibial stem length on mechanical alignment in revision total knee arthroplasty*, American Association of Hip and Knee Surgeons, 2015 Dallas, TX
16. *A Multi-Center Randomized Clinical Trial of Articulating and Static Spacers for Periprosthetic Hip Infection*, American Association of Hip and Knee Surgeons, 2015 Dallas, TX
17. *Postoperative Pain Management After Primary Knee Arthroplasty: The Value of Liposomal Bupivacaine*, American Association of Hip and Knee Surgeons, 2015 Dallas, TX
18. *Is There a Benefit to Modularity in Simpler Femoral Revisions?*, American Association of Hip and Knee Surgeons, 2014 Dallas, TX
19. *Perceived Leg Length Discrepancy Following Primary Total Knee Arthroplasty*, American Association of Hip and Knee Surgeons, 2014 Dallas, TX; AAOS Annual Meeting, 2015 Las Vegas, NV
20. *The Use of Structural Distal Femoral Allografts for Acetabular Reconstruction at an Average 21 years of Follow-up*, American Association of Hip and Knee Surgeons, 2014 Dallas, TX
21. *Synovial Inflammatory Response to the Failed Metal-on-Metal Total Hip Arthroplasty*, Mid American Orthopaedic Association Annual Meeting, San Antonio, TX 2014.
22. *Diagnosis of Periprosthetic Joint Infection In Revision Hip Arthroplasty With a Metal-On-Metal Bearing or Corrosion*, Orthopaedic Research Society, 2014, New Orleans, LA.
23. *Effect of Design Factors on Initial Stability of Cementless Tibial Implants*, AAOS Annual Meeting, 2014 New Orleans, LA.
24. *Premature Failure At Short Term Follow Up In Primary Total Hip Arthroplasty Using A Modular Femoral Component*. American Association of Hip and Knee Surgeons, 2013 Dallas, TX
25. *Diagnosis of Periprosthetic Joint Infection In Revision Hip Arthroplasty With A Metal-On-Metal Bearing or Corrosion*. American Association of Hip and Knee Surgeons, 2013 Dallas, TX
26. *Medial Gastrocnemius Flap For Soft Tissue Defects Following Total Knee Arthroplasty: Functional Outcomes and Risk Factors for Failure* AAOS Annual Meeting, 2013 Chicago, IL
27. *Correlation of Aspiration Results with the Etiology of Aseptic Failure in Total Hip Arthroplasty*, American Association of Hip and Knee Surgeons, 2012

28. *Medial Gastrocnemius Flap For Soft Tissue Defects Following Total Knee Arthroplasty: Functional Outcomes and Risk Factors for Failure*, American Association of Hip and Knee Surgeons, 2012
29. *Corrosion at the Head-Neck Taper as a Cause for Adverse Local Tissue Reactions in Total Hip Arthroplasty*, American Association of Hip and Knee Surgeons, 2012
30. *Tantalum Augments for Paprosky IIIA Defects Remain Stable at Mid Term Follow Up*, American Academy of Hip and Knee Surgeons Annual Meeting, 2011
31. *Periprosthetic Fractures Associated with Press Fit Stems in Revision TKA: Incidence, Management and Outcomes*, American Academy of Hip and Knee Surgeons Annual Meeting, 2011
32. *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
33. *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
34. *Porous Tantalum Augments A New Device in Revision Total Knee Arthroplasty*, American Academy Orthopaedic Surgeons, New Orleans, LA 2010
35. *Testing For Sepsis in Revision Total Hip Arthroplasty*. Annual Meeting of the American Academy Orthopaedic Surgeons, San Francisco, CA 2008
36. *Perioperative Testing for Sepsis in Revision Total Hip Arthroplasty* Mid-America Orthopaedic Association. 2008
37. *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
38. *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
39. *Periprosthetic Femoral Fracture Fixation with a Locking Plate*; 15th Annual Meeting of The American Academy of Hip and Knee Surgeons, Dallas, Texas 2005
40. *Uncemented 2-stage revision total hip arthroplasty for peri-prosthetic infection* The 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington D.C. 2005
41. *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
42. *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
43. *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. *Design, Migration and Early Clinical Results of the First Mass Produced 3D Printed Cementless Total Knee Implants*, American Academy of Orthopaedic Surgeons, 2019
2. *The Extended Trochanteric Osteotomy in Primary and Revision Total Hip Arthroplasty*, American Academy of Orthopaedic Surgeons, 2014
3. *Pelvic Discontinuity: Diagnosis and Surgical Management in Revision Total Hip Arthroplasty*, American Academy of Orthopaedic Surgeons, 2014
4. *Management of the Patella in Revision Total Knee Arthroplasty*, American Academy of Orthopaedic Surgeons 2013
5. *An Algorithmic Approach to the Unstable Total Hip Arthroplasty*, American Academy of Orthopaedic Surgeons 2010
6. *An Algorithmic Approach to the Acetabulum During Revision Arthroplasty of the Hip*, The 71st Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA 2004

Personal Achievements

1. Ironman All World Athlete 2016, 2017
2. Completed 14 Full Distance Ironman Events
3. Qualified for Ironman Kona 2020, Kona, HI