

JEFFREY A. GELLER, MD

**Nas S. Eftekar Professor of Orthopaedic Surgery
Chief of Orthopedic Surgery, New York Presbyterian Lawrence Hospital
Chief, Division of Hip & Knee Reconstruction
Vice Chairman of Finance**

**Department of Orthopaedic Surgery
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PERSONAL

Date of Birth: January 3, 1972, New York, NY
Citizenship: USA

ACADEMIC & HOSPITAL APPOINTMENTS

Columbia University College of Physicians & Surgeons
Department of Orthopedic Surgery
Nas S. Eftekar Professor of Orthopedic Surgery
Chief of Orthopedic Surgery, New York Presbyterian- Lawrence Hospital
Chief, Division of Hip & Knee Reconstruction
Vice Chairman of Finance
Director of Research, Center for Hip & Knee Replacement
(January 2017 – present)

Columbia University College of Physicians & Surgeons
Department of Orthopedic Surgery
Vice Chairman of Finance
Chief, Division of Hip & Knee Reconstruction
Chair, Clinical Competency Committee for Residency Education
(July 2014-December 2016)

Chief, Minimally Invasive Hip & Knee Surgery
Director of Research, Center for Hip & Knee Replacement
Chief, Hip Fracture Service
Associate Professor of Orthopedic Surgery
(December 2011 – July 2014)

Honors: Faculty “Teacher of the Year”- Resident teaching award 2008
New York Presbyterian Hospital “Physician of the Year” nominee 2008, 2010

Columbia University College of Physicians & Surgeons
Department of Orthopedic Surgery
Vice Chairman of Education, Orthopedic Surgery Residency Program Director

(July 2014- July 2016)

Columbia University College of Physicians & Surgeons
Department of Orthopedic Surgery
Associate Chief, Division of Hip and Knee Reconstruction
(September 2010 – September 2013)

Columbia University College of Physicians & Surgeons
Department of Orthopedic Surgery
Assistant Professor of Orthopedic Surgery, September 2005 – December 2011

Massachusetts General Hospital - Department of Orthopedic Surgery
Clinical Instructor, August 2004 – July 2005

Massachusetts General Hospital - Department of Orthopedic Surgery
Harris Orthopedic Biomechanics and Biomaterials Laboratory
Research Fellow, August 2004 – July 2005

EDUCATION

State University of New York Downstate Medical Center, Brooklyn, New York
College of Medicine
Medical Doctor, August 1995-May 1999
Honors: Cum Laude
Distinction in Research
Dr. Christopher Pavlides Orthopedic Scholarship Fund Award
Research Fellow of SUNY Brooklyn, College of Medicine Alumni Assoc.

Cornell University, Ithaca, New York
Bachelor of Science, August 1990-June 1994
Major: Applied Economics and Business Management
Concentration: Pre-Medical
Honors: Dean's List

TRAINING

Harvard Medical School, Boston, Massachusetts
Massachusetts General Hospital
Department of Orthopedic Surgery
Fellow, Adult Joint Reconstruction Surgery- August 2004 – July 2005

New Jersey Medical School - UMDNJ, Newark, New Jersey
Department of Orthopedic Surgery
Administrative Chief Resident, July 2003 – June 2004
Honors: Resident Teaching Award

New Jersey Medical School - UMDNJ, Newark, New Jersey
Department of Orthopedic Surgery
Resident, July 2000 – June 2004

New Jersey Medical School - UMDNJ, Newark, New Jersey
Department of General Surgery
Intern, July 1999 – June 2000

LICENSURE

New York #235464
New Jersey MA071983
Massachusetts #220166 (inactive)
DEA # - Available upon request

Board Certification – Orthopedic Surgery August 2007, April 2017 (recert).

HONORS

Named one of New York Magazines “Best Doctors” – 2015, 2016, 2017, 2018
Elected to Castle Connolly list of Best MD’s – 2015, 2016, 2017, 2018, 2019
Elected to New York Times “SuperDoctors” – 2014, 2015, 2016, 2017, 2018

Arthritis Foundation Medical Honoree, Westchester NY, November 2017

Methodist Rehabilitation Institute, Medical Honoree, Annual Gala, New Rochelle NY March 2017

Vitals.com Patient Choice Award – 2013, 2014, 2015, 2016, 2017, 2018
Vitals.com On-Time Award - 2018

Elected to “Leading Physicians of the World, Orthopedic Surgery” – 2014-present
Award Winner- “Patients Choice Award” from Vitals.com – 2013, 2014, 2015
Elected to “America’s Best Doctors” – 2009, 2010, 2011, 2012, 2016, 2019, 2020
Elected to “America’s Best Orthopedists” – March 2009, 2010, 2011, 2012, 2014

Herbert S. Pardes MD Scholarship Award – New York Presbyterian Hospital – July 2009-2011

RESEARCH AWARDS

Grosso MJ, Neuwirth AL, Boddapati V, Shah RP, Cooper, HJ, **Geller JA**. *Trends in Length of Hospital Stay and Postoperative Complications after Primary Total Hip Arthroplasty: A Decade Analysis From 2006 to 2016*. Best Scientific Poster, 2019 AOA Meeting, San Diego CA. June 2019

Hickernell T, Grosso M, Bixby E, Sarpong N, Jang E, Shah RP, **Geller JA**, Cooper HJ. *Non-Opioid Modalities for Pain Control following Total Joint Arthroplasty*. Best Scientific Exhibits 2019 American Academy of Orthopedic Surgeons, Las Vegas NV. March 2019.

Lakra A, Jennings E, Berg A, Cooper HJ, **Geller JA**, Shah RP. *Post-Operative Hypotension Following Primary Total Joint Arthroplasty*. Winner- First Place Award Poster at the Orthopaedic Research Society Annual Meeting. Austin, TX. February 2019.

Noticewala MS, Swart E, Shah RP, Macaulay W, **Geller JA**. *First Place Award: Multi-Disciplinary Care of the Hip Fracture Patient: A Case Control Analysis of Differing Treatment Protocol*. Current Orthopaedic Practice. July/August 2016 - Volume 27 - Issue 4 - p 346–350.

Cassidy K, Noticewala M, Lee JH, Macaulay W, **Geller JA**. *Effect of Femoral Offset on Pain and Function After Total Hip Arthroplasty*. Highlighted Poster on the tour for Adult Reconstruction, 2013 American Academy of Orthopaedic Surgeons, Chicago IL.

Liabaud B, Patrick D, **Geller JA**. *Is The Posterior Cruciate Ligament Destabilized After the Tibial Cut in a Cruciate Retaining Total Knee Replacement: An Anatomic Study*. Award of Distinction - Presented at the International Congress for Joint Reconstruction/Insall Scott Kelly Meeting, New York, NY October 2012.

Goyal A, Wang W, Nyce J, Choi JK, Brown M, Macaulay W, **Geller JA** : Clinical Significance of Heterotopic Ossification after Metal-on-Metal Total Hip Resurfacing. K T Dholakia Award Paper Session, IOACON 2010, Jaipur, India, December 9- 14, 2010

First Place- 2006 American Academy of Orthopaedic Surgeons – Best Poster, Adult Hip Reconstruction - **Geller JA**, Malchau H, Bragdon C, et al: *Minimum 5 year results of Highly cross-linked polyethylene bearings in Total Hip Arthroplasty*

The Larry Dorr Award, 2007 American Association of Hip and Knee Surgeons - Macaulay W, Nellans K and the DFACTO Consortium (Geller JA, et al.) *Prospective Randomized Clinical Trial Comparing Hemiarthroplasty to Total Hip Replacement in the Treatment of Displaced Femoral Neck Fractures*.

ACADEMIC SERVICE

- American Academy of Orthopedic Surgeons –
 - Committee Member- AAOS Knee Program Subcommittee – 2010 - 2014
- American Association of Hip & Knee Surgeons -
 - Committee Member- Communications & Electronic Media committee – 2009 – 2015
 - Committee Chair- Web & Social Media committee – 2015 – 2018

HOSPITAL COMMITTEES

- Comprehensive Care for Joint Replacement Committee for Implementation –
 - Physician Leader 2016- present
- Columbia Doctors Space & Facilities Committee – 2014- present
- New York Presbyterian – Physician advisor for Barrier Reduction Committee 2012- 2014
- ColumbiaDoctors Quality Committee 2012- present
- New York Presbyterian- Columbia Eastside Physician Board of Directors 2007-2015

- Columbia University Medical Center Faculty Practice Organization- Physician Advisory Group for Implementation of Electronic Medical Records 2008-2011
- Columbia University Medical Center Faculty Practice Organization- Pre-op Workflow Group for Implementation of Electronic Medical Records 2008-2011
- New York Presbyterian- DVT Subgroup Committee for DVT Risk Assessment Tool and Guidelines to DVT Prophylaxis Treatment 2008-present
- New York Presbyterian Hospital Credentials & Privileges Committee 2005-2007

PROFESSIONAL ORGANIZATIONS AND SOCIETIES

- Member, The Knee Society – 2018 - present
- Fellow, American Academy of Orthopedic Surgeons – 2005 – present
- Fellow, American Association of Hip & Knee Surgeons - 2005-present
- Fellow, American Orthopedic Association –2013 – present

American Orthopedic Association – 2009 - 2013
Emerging Leaders Program
New York State Orthopedic Society – 2006 – present
American Medical Association – 1999 – 2010, 2013-present
New York State Medical Society – 1999 – 2005

EDITORIAL BOARDS

Journal of Arthroplasty (Elite Reviewer) – February 2010 – present
Clinical Orthopaedics and Related Research – March 2007 – present
Journal of American Academy of Orthopedic Surgeons – August 2018 - present

PEER REVIEWED GRANTS

Orthopedic Research and Education Foundation – *Adductor Canal Block Versus Periarticular Bupivacaine Injection in Total Knee Arthroplasty - Resident Research Grant, \$5000* – August 2016-July 2017 (Resident Research Primary Investigator / Mentor)

Orthopaedic Scientific Research Foundation - *Use of Activity Tracking Armbands to Prospectively Evaluate Outcomes in Total Joint Arthroplasty. \$5000* - December 2015. (Resident Research Principal Investigator / Mentor)

Orthopedic Research and Education Foundation – *Grant for Research Fellowship, \$58,000* – August 2013 – July 2014 (Research Fellowship Director – Principal Investigator)

Orthopedic Research and Education Foundation – *Grant for Research Fellowship, \$50,000* – August 2012 – July 2013 (Research Fellowship Director – Principal Investigator)

Orthopedic Research and Education Foundation – *Grant for Research Fellowship, \$75,000* – August 2011 – July 2012 (Research Fellowship Director– Principal Investigator)

Orthopedic Research and Education Foundation – *Grant for Research Fellowship, \$75,000* – August 2009 – July 2010 (Research Fellowship Director– Principal Investigator)

Orthopaedic Scientific Research Foundation - *Quadriceps Function with Patellofemoral Replacement following Patellectomy: A Biochemical Stud, \$8000* - December 2009. (Principal Investigator)

Orthopaedic Scientific Research Foundation - *Complications Associated with Pharmacologic Reversal of Warfarin-Associated Coagulopathy in Patients with Hip Fractures, \$5000* – July 2009. (Principal Investigator).

Orthopaedic Scientific Research Foundation - *Biomechanical Assessment of Single Versus Double Plate Constructs in the Treatment of Periprosthetic Vancouver B Type Femur Fractures, \$7500* - November 2008. (Principal Investigator).

A.O. North America - *The Influence of Glenoid Neck Displacement on Shoulder Mechanics, \$5000*. May 2001. (Principal Investigator)

Orthopedic Research and Education Foundation - Resident Educational Grant to attend 2002 Winter Current Concepts in Joint Replacement Course, Orlando, FL.

INDUSTRY RESEARCH GRANTS / PROJECTS

Retrospective System Economics Study on Implementation of Orthosensor in Total Knee Arthroplasty.

Role- Principal Investigator (September 2016- present)

A Prospective, Non-randomized, Single Cohort, Multicenter Study to Evaluate the Outcomes of Total Knee Arthroplasty (TKA) Using JOURNEY™ II CR Total Knee System.

Role- Principal Investigator (January 2016 – present)

Early Clinical Outcomes in the Zimmer NexGen and Smith & Nephew Legion Primary / Journey 2 BCS Total Knee Replacement System Using the OrthoSensor™ Verasense System.

Role- Principal Investigator (December 2015 – present)

EDUCATIONAL CONTRIBUTIONS

Vice Chairman for Education / Residency Program Director 2014-2016

- Directed and Oversaw the ACGME Orthopedic Surgery residency program
- Reviewed and screened all annual medical school applications
- Determined interviewee list
- Organized and directed the faculty during residency interviews
- Finalized and submitted rank list
- Oversaw day to day resident activities
- Interacted with Graduate Medical Education office for all residency related tasks
- Submitted bi-annual ACGME milestone
- Reviewed all attending resident evaluation forms
- Organized and directed the Clinical Competency committee, to determine which residents were eligible for promotion to next level, including graduation
- Organized and directed the Program Evaluation committee, to further evaluate the deficiencies and strengths of the training program and set forth recommendations for improvement
- Performed semi-annual reviews with all residents
- Organized, screened, and corresponded to all 4th year Columbia and Visiting medical students for acceptance as a sub-intern on the Orthopedic Service
- Met with and advised all Columbia and visiting 4th year sub-interns
- Organized and implemented Orthopedic Intern Surgical skills 3 week curriculum

Associate Residency Program Director 2012-2014

- Assisted with all of the above activities
- Organized and implemented the Clinical Competency committee for resident promotion

Division of Hip & Knee Reconstruction

- Run all Wednesday morning sub-specialty teaching conferences
- Oversee curriculum for Hip & Knee two month rotation
- Run small group Friday morning Hip & Knee pre operative planning session
- Annual resident core curriculum lecturer

- Primary hip reconstruction
- Revision hip reconstruction
- Primary partial and total knee reconstruction
- Revision knee reconstruction
- Hip and Pelvis fracture & trauma
- Biomechanics of gait
- Biomaterials in hip & knee reconstruction
- Periprosthetic Infections in hip & knee reconstruction
- Treatment of periprosthetic fractures
- Direct teaching / preceptorship of PGY 2 & PGY 5 residents – 30 hours per week
 - Operative technique
 - Daily inpatient rounds
 - Private and Service patient clinics

TEXTBOOK CHAPTERS

Geller JA. Section Editor, Orthopedic Knowledge Update 13, Hip & Femur Reconstruction, Section 7. (chapter reviews in progress).

Geller JA, Neuwirth A. *Unicompartmental Knee Arthroplasty: Indications, Surgical Techniques and Complications.* In: Gerlinger T. (ed) Unicompartmental Knee Arthroplasty. Springer. (Submitted for review)

Geller JA. *Revision Total Knee Arthroplasty Via Tibial Tubercle Osteotomy.* Atlas of Essential Orthopaedic Procedures (2nd edition) in American Academy of Orthopedic Surgeons education series (submitted for review).

Tria AJ, Papas P, Cushner FD, Wong J, **Geller JA** *The Super Obese Knee.* pg 117-134. In: Tria A., Scuderi G., Cushner F. (eds) Complex Cases in Total Knee Arthroplasty. Springer, Cham 2018.

Geller JA. *Soft-Tissue Disorders About the Hip* by Callaghan J, Rubash H, Rosenberg A. Della Valle C. (eds) The Adult Hip, 3rd Edition. Wolters Kluwer 2018.

Geller JA, Polishchuk D. *Instability after Total Hip Replacement,* In: Scuderi G, Tria A, Kang M, Long W (eds) Techniques in Revision Hip and Knee Arthroplasty. Springer, Cham 2015.

Geller JA. *Revision Total Knee Arthroplasty Via Tibial Tubercle Osteotomy.* In: Flatow E, Colvin A. (eds) Atlas of Essential Orthopaedic Procedures in American Academy of Orthopedic Surgeons education series. 2014.

Huddleston J, **Geller JA,** Fehm M, Malchau H, Burke D. *Abductor muscle and greater trochanteric complications after total hip replacement,* in Surgery of the Hip by Berry D, Lieberman J. Saunders Elsevier Publishing 2013.

Smucker C, **Geller JA,** Macaulay W: *Treatment of Hip Instability.* Arthritis and Arthroplasty, by Brown T, Saleh K, et al. Saunders Elsevier Publishing, 2009

Reilly MC, **Geller JA:** Hip Dislocations and Associated Fractures of the Femoral Head. Surgical Treatment of Orthopedic Trauma, by Stannard J, Schmidt A, and Kregor P. Thieme Publishing, New York 2006.

Geller JA, Malchau H, Karrholm J: Implant Choice: Migration Pattern and Outcome of Cemented Stems in Sweden, in *The Well Cemented Total Hip Replacement*, Springer-Verlag Publishing, 2005.

PUBLICATIONS

PENDING PUBLICATIONS

Lakra A, Jennings E, Sarpong NO, Berg A, Cooper HJ, Shah RP, **Geller JA**. *Same Day Physical Therapy Following Total Knee Arthroplasty Leads to Improved Postoperative Function Outcomes and Decreased Opioid Consumption*. (Accepted for publication, J Arthroplasty)

Thacher RR, Herndon CL, Jennings EL, Sarpong NO, **Geller JA**. *The Impact of Running Monofilament Barbed Suture for Subcutaneous Tissue Closure on Infection Rates in Total Hip Arthroplasty: A Retrospective Cohort Analysis*. (Accepted for publication, J Arthroplasty).

Sarpong N, Herndon C, Boddapati V, **Geller JA**, Cooper HJ, Shah RP. *Trends in Length of Stay and 30-Day Complications after Total Knee Arthroplasty: An Analysis from 2006 to 2016*. (Accepted for publication, J Arthroplasty).

Lakra A, Murtaugh T, Shah RP, Cooper HJ, **Geller JA**. *Early Postoperative Pain Predicts Two-Year Functional Outcomes Following Total Knee Arthroplasty*. (Accepted for publication, J Knee Surg)

Sarpong NA, Sonnenfeld JJ, LiArno S, Rajaravivarma R, Donde S, Sneddon E, Kaverina T, Cooper HJ, Shah RP, **Geller JA**. *Virtual Reconstruction Of The Posterior Cruciate Ligament For Mechanical Testing Of Total Knee Arthroplasty Implants*. (Submitted for publication, The Knee)

Grosso MJ, Boddapati V, Shah RP, **Geller JA**, Cooper HJ, Neuwirth AL. *Pre-operative anemia is associated with 30-day morbidity in total knee arthroplasty*. (Submitted for publication, Hip International).

Bäcker HC, Steurer-Dober I, Beck M, Agten CA, Decking J, Herzog RF, **Geller JA**, Bhure U, Roos JE, Strobel K. *Magnetic Resonance Imaging (MRI) versus Single Photon Emission Computed Tomography (SPECT/CT) in Painful Total Hip Arthroplasty: A Comparative Analysis*. (Submitted for publication, European Radiology)

Berg AR, Jiao B, Swart E, Lakra A, Cooper HJ, Shah RP, **Geller JA**. *Cost-Effectiveness Analysis of the Anterior Approach to Total Hip Arthroplasty*. (Final manuscript preparation in progress).

Grosso MJ, Lakra A, Jennings EL, Shah RP, Cooper HJ, **Geller JA**. *Improved Pain Control with Adductor Canal Block Using Liposomal Bupivacaine after Total Knee Replacement: A Retrospective Cohort Study*. (Accepted for publication, Arthroplasty Today).

Cooper HJ, Lakra A, Hickernell T, Shah RP, Maniker R, **Geller JA**. *Preemptive Analgesia with Extended-Release Oxycodone is Associated with More Pain following Total Joint Replacement*. (Provisionally accepted for publication, J Arthroplasty).

Grosso MJ, Neuwirth AL, Boddapati V, Shah RP, Cooper, HJ, **Geller JA**. *Trends in Length of Hospital Stay and Postoperative Complications after Primary Total Hip Arthroplasty: A Decade Analysis From 2006 to 2016*. (Submitted for publication, J Arthroplasty)

Herndon C, Grosso M, Sarpong N, Shah RP, **Geller JA**, Cooper HJ. *Cement Mantle Thickness is Not Affected by Tourniquetless Total Knee Arthroplasty When Performed with Tranexamic Acid*. (Submitted for publication, Knee Surg Sports Traumatol Arthrosc).

Lee D, Trofa D, Lakra A, Sonenfeld J, Cooper HJ, Shah RP, **Geller JA**. *Incidence of Femoral Component Malrotation Using Posterior Condylar Referencing in Total Knee Arthroplasty*. (Accepted for publication to J Knee Surg).

Wong J, Geller JA. *Instability after Total Knee Arthroplasty: Etiology, Prevention and Management*. (Submitted for publication to J Amer Acac Orthop Surg).

Jennings E, Lakra A, Cooper HJ, Shah RP, **Geller JA**. *Does Using a Smart Tibial Tray to Assess Soft Tissue Balance Help Improve Functional Outcomes After Total Knee Arthroplasty? A Retrospective Case Control Study*. (Manuscript preparation in progress).

Drummond N, Lakra A, Shah RP, Cooper HJ, **Geller JA**. *Direct Anterior Verses Mini-Anterolateral Approach for Total Hip Arthroplasty: Early Postoperative Outcomes and Complications*. (Manuscript preparation in progress).

Lakra A, Shah RP, Cooper HJ, **Geller JA**. *The Effect of Periprosthetic Fractures Following Total Hip and Knee Arthroplasty on Long-Term Functional Outcomes and Quality of Life*. (manuscript preparation in progress).

Lakra A, Murtaugh T, Cooper HJ, Shah RP, **Geller JA**. *Midterm Results for Revision Total Knee Arthroplasty due to Component Malrotation*. (Manuscript preparation in progress).

Herndon C, Gross M, Danoff J, Cooper HJ, **Geller JA**, Shah RP. *The Effect of Body Location and Gait Pattern on the Reliability of an Activity Tracking Monitor*. (Submitted to Indian J Orthopedics)

Lakra A, Murtaugh T, Iorio R, **Geller JA**, Cooper HJ, Shah RP. *Number of Stairs at Home Influences Discharge Disposition* (manuscript preparation in progress).

PUBLISHED MANUSCRIPTS

Shah RP, Lauthen D, **Geller JA**, Cooper HJ. *Average Operative Times for 1,313 Primary THA and 1,300 Primary TKA over 39 Months Are Roughly Equal to Medicare Attributed Operative Times*. J Arthroplasty 2019 Apr 30. [e-Pub ahead of print]. PMID:

Berg A, Lakra A, Jennings E, Cooper HJ, Shah RP, **Geller JA**. *Transdermal Scopolamine as an Adjunct to Multi-modal Pain Management in Patients Undergoing Total Joint Arthroplasty*. J Arthroplasty 2019 March 19. [e-Pub ahead of print] PMID: 30992239

Wong J, Murtaugh T, Lakra A, Shah RJ, Cooper HJ, **Geller JA**. *Robotic-Assisted Unicompartamental Knee Replacement Offers No Early Advantage Over Conventional*

Unicompartmental Knee Replacement. Knee Surg Sports Traumatol Arthrosc. 2019 Feb 12. [Epub ahead of print]. PMID: 30747237

Geller JA, Cunn GJ, Herschmiller TA, Murtaugh TS, Chen AF. *Response to Letter to the Editor: Acute Kidney Injury After First-Stage Joint Revision for Infection: Risk Factors and the Impact of Antibiotic Dosing*. J Arthroplasty. 2019 Jan 24. [Epub ahead of print] PMID: 30755377

Lakra A, Sarpong NO, Jennings EL, Grosso MJ, Cooper HJ, Shah RP, **Geller JA**. *The Learning Curve by Operative Time for Soft Tissue Balancing in Total Knee Arthroplasty Using Electronic Sensor Technology*. J Arthroplasty. 2018 Nov 16. [Epub ahead of print] PMID: 30528677

Grosso MJ, Neuwirth AL, Boddapati V, Shah RP, Cooper HJ, **Geller JA**. *Decreasing Length of Hospital Stay and Postoperative Complications After Primary Total Hip Arthroplasty: A Decade Analysis From 2006 to 2016*. J Arthroplasty. 2019 34(3): 422-425. PMID: 30503306

Hickernell T, Lakra A, Berg A, Cooper HJ, **Geller JA**, Shah RP. *Should Cannabinoids Be Added to Multimodal Pain Regimens After Total Hip and Knee Arthroplasty?* J Arthroplasty 2018 Dec;33(12):3637-3641. PMID: 30170713

Danford N, Grosso M, Heller MS, Murtaugh T, Shah RP, Cooper HJ, Lakra A, **Geller JA**. *Which Do Patients Prefer, Unicompartmental Or Total Knee Arthroplasty?* J Clin Orthop Trauma. 2018 Oct-Dec;9(4):292-294. PMID: 30449973

Anatone AJ, Shah RP, Jennings EL, **Geller JA**, Cooper HJ. *A Risk-Stratification Algorithm To Reduce Superficial Surgical Site Complications In Primary Hip And Knee Arthroplasty*. Arthroplast Today. 2018 Oct 15;4(4):493-498. PMID: 30560182

Warren SI, Murtaugh TS, Lakra A, Reda L, Shah RP, **Geller JA**, Cooper HJ. *Treatment of Periprosthetic Knee Infection with Concurrent Rotational Muscle Flap Coverage is Associated with High Failure Rates*. J Arthroplasty. 2018 Oct;33(10):3263-3267. PMID: 29891399

Grosso M, Lakra A, Murtaugh T, Shah RP, Cooper HJ, Maniker R, Brown AR, **Geller JA**. *Prospective Randomized Trial Comparing Adductor Canal Block and Periarticular Bupivacaine Injection for TKA*. J Bone Joint Surg. 100(13):1141-1146, July 5, 2018 PMID: 29975272

Herndon C, Shah RP, Cooper HJ, **Geller JA**. *A Case of Bilateral Hip Trunnionosis After Staged Total Hip Arthroplasty*. Arthroplasty Today, June 2018. PMID: 30186901.

Herschmiller T, Grosso M, Cunn G, Murtaugh T, Gardner T, **Geller JA**. *Step-wise medial collateral ligament needle puncturing in extension leads to a safe and predictable reduction in medial compartment pressure during TKA*. Knee Surg Sports Traumatol Arthrosc 26(6), pp 1759-1766 May 2018. PMID: 29167955

Jang ES, Lin JD, Shah RP, **Geller JA**, Cooper HJ. *The effect of c-arm tilt on accuracy of intraoperative fluoroscopy in assessing acetabular component position during direct anterior approach for hip arthroplasty*. J Orthop. 2018 Mar 27;15(2):447-449. PMID: 29881174.

Rubin J, Alvarez J, et al. **Geller JA**, Maurer M. *Hip And Knee Arthroplasty Are Common Among Patients With Transthyretin Cardiac Amyloidosis, Occurring Years Before Cardiac Amyloid*

Diagnosis: Can We Identify Affected Patients Earlier? Amyloid. 2017 Sep 14;1-5. PMID: 28906148

Noticewala MS, Danoff J, Murtaugh T, Cunn G, Shah R, **Geller JA**. *Has the Risk of Dislocation Following Total Hip Arthroplasty Performed for Displaced Femoral Neck Fracture Improved with Modern Implants?* J Clin Orthop Trauma. 2018 Oct-Dec;9(4):281-284. PMID: 30449970

Lakra A, Murtaugh T, **Geller JA**, Macaulay W, Shah RP. *Simultaneous Ipsilateral Knee Arthroscopy and Unicondylar Knee Arthroplasty is Effective for Bicompartamental Symptoms*. J Orthopaedics. 14, 4: 507-511 Dec 2017. PMID: 28860683

Grosso M, Trofa D, Danoff J, Hickernall T, Murtaugh T, Lakra A, **Geller JA**. *Tranexamic Acid Increases Early Perioperative Functional Outcomes After Elective Total Knee Arthroplasty*. Arthroplasty Today, 2018 March. Volume 4, issue 1, pg 74-77. PMID: 29560399

Geller JA, Cunn G, Herschmiller T, Murtaugh T, Chen AF. *Acute Kidney Injury after First Stage Joint Revision for Infection: Risk Factors and Impact of Antibiotic Dosing*. J Arthroplasty, 2017 Oct;32(10):3120-3125. PMID: 28578840

Thacher R, Hickernell T, Grosso M, Shah R, Cooper HJ, Maniker R, Brown AR, **Geller JA**. *Decreased risk of knee buckling with adductor canal block versus femoral nerve block in total knee arthroplasty*. Arthroplasty Today, 2017 April 15;3(4):281-285. PMID 29204497

Swart E, Miller D, Hickernall T, Bozic K, **Geller JA**, Macaulay W. *Creation of an Online Wiki Improves Post-Operative Surgical Protocol Adherence in Arthroplasty Patients*. J Arthroplasty. 2017 Aug;32(8):2319-2324. PMID: 28372915

Geller JA, Lakra A, Murtaugh T. *The Use of Electronic Sensor Device to Augment Ligament Balancing Leads to a Lower Rate of Arthrofibrosis After Total Knee Arthroplasty*. J Arthroplasty. 2017 May;32(5):1502-1504. PMID: 28109758

Grosso MJ, Berg A, LaRussa S, Murtaugh T, Trofa DP, **Geller JA**. *Silver-Impregnated Occlusive Dressing Reduces Rates of Acute Periprosthetic Joint Infection After Total Joint Arthroplasty*. J Arthroplasty 2017 Mar;32(3):929-932. PMID: 27776905

Boody B, Johnston P, Pugley A, Miller D, **Geller JA**, Payne W, Schaffer M, Beal M. *Validation of a Web-Based Curriculum for Resident Education in Orthopedic Surgery*. J Surg Educ. 2016 Nov - Dec;73(6):1060-1065. PMID: 27453538

Leone W, **Geller JA**, Chow J, Branovacki G, Mariani J, Golloday G, Meere P. *Using Sensors to Evaluate Revision TKA: Treating the “Looks Good; Feels Bad” Knee*. EC Orthopaedics 3.5 (2016): 381-385.

Noticewala MS, Swart E, Shah RP, Macaulay W, **Geller JA**. *First Place Award: Multi-Disciplinary Care of the Hip Fracture Patient: A Case Control Analysis of Differing Treatment Protocol*. Current Orthopaedic Practice. July/August 2016 - Volume 27 - Issue 4 - p 346–350.

Noback P, Danoff JR, Herschmiller T, Bobman JT, Shah RP, **Geller JA**, Macaulay W. *Plain Radiographs are a Useful Substitute for Computed Tomography in Evaluating Acetabular Cup Version*. J Arthroplasty. 2016 Oct;31(10):2320-4. PMID: 27181489

Geller JA, MacCallum K, Patrick D, Jonna VK. *Prospective Comparison of Blood Culture Bottles and Conventional Swabs for Microbial Identification of Suspected Periprosthetic Joint Infection*. J Arthroplasty February 2016 2016 Aug;31(8):1779-83. PMID: 27020677

Danoff JR, Bobman JT, Cunn G, Murtaugh T, Gorroochurn P, **Geller JA**, Macaulay W. *Total Hip Arthroplasty Functional Outcomes are Independent of Acetabular Component Orientation when a Polyethylene Liner is Employed*. J Arthroplasty J Arthroplasty. 2016 Apr;31(4):830-834 PMID: 26631287

Danoff JR, Bobman JT, Cunn G, Murtaugh T, Gorroochurn P, **Geller JA**, Macaulay W. *Redefining the Acetabular Component Safe Zone for Posterior Approach Total Hip Arthroplasty*. J Arthroplasty. 2016 Feb;31(2):506-11. PMID: 26461487

MacCallum KP, Danoff JR, **Geller JA**. *Tibial Baseplate Positioning in Robotic-assisted and Conventional Unicompartmental Knee Arthroplasty*. Europ J Orthop Surg Traumatology, 2016 Jan;26(1):93-8. PMID: 26441329

Cuelar D, **Geller JA**, Macaulay W, Rosenwasser MP. *A Novel Quadriceps Reconstruction Following Rupture Calcaneal Bone Block Pedical Flap*. Orthopedic Knowledge Online Journal, Sept 2015.

Choi JK, **Geller JA**, Patrick DA, Wang W, Macaulay W. *How are those “lost to follow-up” patients really doing? A compliance comparison in arthroplasty patients*. World J Orthop, 2015 Jan 18;6(1):150-5. PMID: 25621220

Geller JA, Wang W, Goyal A, Liabaud B, Brown M. *Clinical Significance of Heterotopic Ossification after Metal-on-Metal Total Hip Resurfacing*. Hip Int 2014; 24(2): 129 - 135. PMID: 24531936

Geller JA, Patrick D, Liabaud B, Rebal B, Macaulay W. *Traditional Versus Robotic Assisted UKA- a Comparison of Early Outcomes* Bone Joint J 2013 95-B:(SUPP 34) 63.

Noticewala M, Cassidy K, Macaulay K, Lee JH, **Geller JA**. *Impact of Femoral Offset on Primary Total Hip Arthroplasty Outcomes* Bone Joint J 2013 95-B:(SUPP 34) 64.

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PRESENTATIONS

PENDING PRESENTATIONS (EOA 2019)

Pre-operative anemia is associated with 30-day morbidity in total knee arthroplasty

PCL Virtual Reconstruction For Mechanical Testing Of Cruciate-Retaining TKA

Length of Stay and 30-Day Complications after TKA: 2006-2016

Outcomes After Conversion of Failed Hemiarthroplasty to Total Hip Arthroplasty

Hemiarthroplasty Conversion: A Comparison to Primary and Revision Total Hip Arthroplasty

PENDING PRESENTATIONS (BOA & SICOT 2019)

Achan (Presenter), MacDonald, Gerlinger, Chow, Swank, Geller, Cooper, Tomer- Pifarré, Miles, Shields, Kopjar. *Clinical and Functional Outcomes of JOURNEY™ II CR Total Knee System. Interim results of an ongoing, prospective, multicenter study.* (Submitted for presentation to 2019 BOA & SICOT meeting)

Paper Presentations

Geller JA, Rossington A, Mitra R, Jaramaz B, Khare R, Netravali N.A. *Rate of Learning Curve and Alignment Accuracy of an Image-Free Handheld Robot for Total Knee Arthroplasty* (Accepted for presentation 2019 European Knee Society, Valencia Spain).

Hickernell TR, Lakra A, Berg A, Cooper HJ, **Geller JA**, Shah RP. *Should Cannabinoids Be Added to Multimodal Pain Regimens After Total Joint Arthroplasty?* (Accepted for presentation, 2019 American Academy of Orthopedic Surgeons, Las Vegas NV)

Hickernell TR, Kaidi AC, Lakra A, **Geller JA**, Shah RP, Cooper HJ *Perioperative Outpatient Opioid Prescription Use in Total Joint Arthroplasty Patients in an Urban Setting.* (Accepted for presentation, 2019 American Academy of Orthopedic Surgeons, Las Vegas NV)

Jennings E, Lakra A, Cooper HJ, Shah RP, **Geller JA**. *Does Using a Smart Tibial Tray to Assess Soft Tissue Balance Help Improve Functional Outcomes After Total Knee Arthroplasty? A Retrospective Case Control Study.* (Accepted for presentation, 2019 American Academy of Orthopedic Surgeons, Las Vegas NV)

Cooper HJ, Lakra A, Maniker R, Hickernell T, Shah RP, **Geller JA**. *Preemptive Analgesia with Extended-Release Oxycodone is Associated with More Pain following Total Hip Arthroplasty.* (Accepted for presentation, 2019 American Academy of Orthopedic Surgeons, Las Vegas NV)

Hickernell T, Grosso M, Bixby E, Sarpong N, Jang E, Shah RP, **Geller JA**, Cooper HJ. *Non-Opioid Modalities for Pain Control following Total Joint Arthroplasty* (Accepted as a Scientific exhibit 2019 American Academy of Orthopedic Surgeons, Las Vegas NV)

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Geller JA, Reilly MC, Sabatino C, Bono C, Sirkin MS, Kalluri P, Sanfilippo J, Behrens FF: *The Influence of Glenoid Neck Malunion on Shoulder Mechanics*. (Presented at the 2003 Orthopedic Trauma Association, Salt Lake City, UT).

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Geller JA, Sirkin MS, Reilly MC, Bono C, Honig K, Behrens FF: *Incidence of Compartment Syndrome after Isolated Gun Shot Wounds to the Fibula*. (Presented at the 2002 OREF Resident Research Symposium, Hospital for Joint Diseases, New York, New York).

Geller JA, Sirkin MS, Reilly MC, Bono C, Honig K, Behrens FF: *Incidence of Compartment Syndrome after Isolated Gun Shot Wounds to the Fibula*. (Presented at the 2001 New Jersey Orthopedic Society).

Tornetta P, **Geller JA**, Riina J: *The Safe Zone for Tibial Nailing*. (Presented at the Orthopedic Trauma Association Specialty Forum at the 1999 American Academy of Orthopedic Surgeons, Anaheim, CA).

Tornetta P, **Geller JA**, Riina J: *The Safe Zone for Tibial Nailing*. (Presented at the 1998 Orthopedic Trauma Association meeting, Vancouver, BC).

Tornetta P, Mostafavi H, Riina J, Turen C, Reimer B, Levine R, Behrens F, **Geller JA**, Ritter C, Homel: *Morbidity and Mortality in Elderly Trauma Patients*. (Presented at the 1997 Orthopedic Trauma Association meeting, Louisville, KY).

Geller JA, Tornetta P, Riina J: *"Intraarticular Anatomic Risks of Portal Placement for Tibial Nailing"* (Presented as a Finalist at the 1997 AWA Research Symposium, SUNY Health Science Center Brooklyn).

Poster Presentations

Jang E, Ehlert R, LiArno S, Cooper HJ, **Geller JA**, Shah RP. *Critical Evaluation of the Reference Axes for Femoral Component Rotation in Total Knee Arthroplasty*. (Accepted for presentation at the 2019 European Knee Society, Valencia, Spain).

Boddapatti V, **Geller JA**, Cooper HJ, Shah RP. *Is the Time to Revision Surgery After Periprosthetic Fracture of the Knee Associated with the Rates of Postoperative Complications?* (Accepted as poster, 2019 American Academy of Orthopedic Surgeons, Las Vegas NV)

Lakra A, Murtaugh T, Jennings E, Heller M, Cooper HJ, **Geller JA**, Shah RP. *Number of Stairs at Home Influences Discharge Disposition Following Total Knee Arthroplasty*. (Accepted as poster, 2019 American Academy of Orthopedic Surgeons, Las Vegas NV)

Anderson F, Lakra A, **Geller JA**, Cooper HJ, Shah RP. *Polyester Mesh Dressings Reduce Delayed Wound Healing and Reoperations Compared To Silver-Impregnated Occlusive Dressings after Partial and Total Knee Replacement*. (Accepted as poster, 2019 American Academy of Orthopedic Surgeons, Las Vegas NV)

Jang E, Cooper HJ, **Geller JA**, Shah RP. *Critical Evaluation of the Reference Axes for Femoral Component Rotation in Total Knee Arthroplasty: A Biomorphometric Computed Tomography-Based Study of 2,128 Femurs*. (Accepted as poster, 2019 American Academy of Orthopedic Surgeons, Las Vegas NV)

Lakra A, Jennings E, Sarpong N, Berg A, Cooper HJ, Shah RP, **Geller JA**. *Same Day Physical Therapy Following Total Knee Arthroplasty Leads to Improved Post-Operative Functional Outcomes and Decreased Opioid Consumption*. (Accepted as poster, 2019 American Academy of Orthopedic Surgeons, Las Vegas NV)

Sarpong N, Grosso M, Lakra A, Held M, Jennings E, Hickernell T, Boddapati V, Shah RP, **Geller JA**, Cooper HJ. *Outcomes and Survivorship After Conversion of Failed Hip Hemiarthroplasty to Total Hip Arthroplasty*. (Accepted as poster, 2019 American Academy of Orthopedic Surgeons, Las Vegas NV)

Cooper HJ, Lakra A, Maniker R, Hickernell TR, Shah RP, **Geller JA**. *Preemptive Analgesia with Extended-Release Oxycodone is Associated with More Pain following Total Hip Replacement*. (Accepted as poster, 2019 American Academy of Orthopedic Surgeons, Las Vegas NV)

Lakra A, Jennings E, Berg A, Cooper HJ, **Geller JA**, Shah RP. *Post-Operative Hypotension Following Primary Total Joint Arthroplasty*. (Presented at the Orthopaedic Research Society Annual Meeting. Austin, TX. February 2019). [**selected for Best Poster Award**]

Sneddon E, LiArno S, Rajaravivarma R, Donde S, Kaverina T, Sonnenfeld J, Sarpong N, **Geller JA**, Shah RP. *The Impact of Posterior Cruciate Ligament Tibial Insertion on Knee Kinematics*. (Presented at the Orthopaedic Research Society Annual Meeting. Austin, TX. February 2019).

Sonnenfeld J, Sarpong N, LiArno S, Rajaravivarma R, Donde S, Kaverina T, Sneddon E, **Geller JA**, Shah RP. *Virtual Reconstruction of the Posterior Cruciate Ligament for Mechanical Testing of the Knee*. (Presented at the Orthopaedic Research Society Annual Meeting. Austin, TX. February 2019).

Murtaugh TS, Lakra A, Jennings E, **Geller JA**, Cooper HJ, Shah RP. *Number of Stairs at Home Influences Discharge Disposition Following Total Knee Arthroplasty*. (Presented at the Orthopaedic Research Society Annual Meeting. Austin, TX. February 2019).

Herndon CL, Nowell JA, Sarpong NO, Cooper HJ, Shah RP, **Geller JA**. *Risk Factors for Perioperative Periprosthetic Femur Fracture Using the Anterolateral Approach in Primary Cementless Total Hip Arthroplasty*. (Presented at the Orthopaedic Research Society Annual Meeting. Austin, TX. February 2019).

Grosso MJ, Lin JD, Sarpong NO, **Geller JA**, Cooper HJ, Shah RP. *The Greater Trochanter as a Measurement of Femoral Rotation*. (Presented at the Orthopaedic Research Society Annual Meeting. Austin, TX. February 2019).

Nowell J, Lakra A, Jennings E, Cooper HJ, **Geller JA**, Shah RP. *Early Acetabular Erosion Following Unipolar Hemiarthroplasty in Patients with Pathologic Bone*. (Presented at the Orthopaedic Research Society Annual Meeting. Austin, TX. February 2019).

Sarpong NO, Grosso MJ, Lakra A, Heller M, Hickernell TR, Shah RP, **Geller JA**, Cooper HJ. *Outcomes and Survivorship after Conversion of Failed Hip Hemiarthroplasty to Total Hip Arthroplasty*. (Presented at the 2018 American Association of Hip and Knee Surgeons Annual Meeting. Dallas, TX).

Sawires A, Shah RP, **Geller JA**, Cooper HJ. *Is it Necessary to Wake Patients for Overnight Vital Signs following Total Joint Arthroplasty?* (Presented at the 2018 American Association of Hip and Knee Surgeons Annual Meeting. Dallas, TX).

Hickernell TR, Kaidi AC, Lakra A, **Geller JA**, Shah RP, Cooper HJ. *Perioperative Outpatient Opioid Prescription Use in Total Joint Arthroplasty Patients in an Urban Setting*. American Association of Hip and Knee Surgeons Accepted for presentation, (Presented at the 2018 American Association of Hip and Knee Surgeons Annual Meeting. Dallas, TX).

Boddapati V, **Geller JA**, Cooper HJ, Shah RP. *Morbidity but not Mortality Increase with a Delayed Surgery Greater Than 24 Hours in Patients with a Periprosthetic Fracture of the Hip*. Accepted for presentation, (Presented at the 2018 American Association of Hip and Knee Surgeons Annual Meeting. Dallas, TX).

Lakra A, Murtaugh T, Shah RP, Cooper HJ, **Geller JA**. *Early Postoperative Pain Predicts Two-Year Functional Outcomes Following Total Knee Arthroplasty*. (Presented at the 2018 American Academy of Orthopedic Surgeons, New Orleans LA)

Reda L, Shay W, Murtaugh T, Lakra A, **Geller JA**, Shah RP, Kadiyala RK, Cooper HJ. *Rotational Muscle Flap Coverage for Soft Tissue Defects in the Treatment of the Infected Total Knee Arthroplasty*. (Presented at the 2018 American Academy of Orthopedic Surgeons, New Orleans LA)

Geller JA, Lakra A, Murtaugh T. *The Use of Electronic Sensor Device to Augment Ligament Balancing Leads to a Lower Rate of Arthrofibrosis After Total Knee Arthroplasty*. (Presented at the 2017 European Knee Society, London UK)

Geller JA, Lakra A, Murtaugh T. *Early Perioperative Pain as a Predictor of Functional Outcomes after Total Knee Arthroplasty*. (Presented at the 2017 European Knee Society, London UK)

Wong J, MacCallum K, Patrick D, Jonna VK, **Geller JA**. *Traditional Versus Robotic Assisted UKA- a Comparison of Early Outcomes*. (Presented at the 2017 European Knee Society, London UK)

Grosso M, Berg A, Murtaugh T, Trofa D, LaRussa S, **Geller JA**. *Rates of Acute Periprosthetic Joint Infection with the use of Aquacel Dressing Following Total Joint Arthroplasty*. (Presented at the 2016 AOA, Seattle WA).

Judge C, Murtaugh T, **Geller JA**. *Early Functional Outcomes of Cruciate Retaining Total Knee Arthroplasty using Smart Tibial Insert Trial Technology*. (Presented at the 2016 American

Academy of Orthopaedic Surgeons, Orlando FL)

Herschmiller T, Cunn G, Murtaugh T, **Geller JA**. *Can Systematic Medial Collateral Ligament Needle Puncturing lead to a Predictable and Safe Reduction in Medial Tension during Total Knee Arthroplasty?* (Presented at the 2016 American Academy of Orthopaedic Surgeons, Orlando FL)

Herschmiller T, Cunn G, Murtaugh T, **Geller JA**. *Can Systematic Medial Collateral Ligament Needle Puncturing lead to a Predictable and Safe Reduction in Medial Tension during Total Knee Arthroplasty?* (Presented at the 2015 American Association of Hip & Knee Surgeons, Dallas TX)

Danoff JR, MacCallum KP, **Geller JA**. *The Effect of Tibial Baseplate Position on Functional Outcomes in Unicompartmental Knee Arthroplasty*. (Presented at the 2015 American Academy of Orthopaedic Surgeons, Las Vegas NV).

Danoff J, Babatunde O, Bobman J, Macaulay W **Geller JA**. *Is There Any Proof of Correlation Between the Lewinnek Safe Zone and the Incidence of Dislocation?* (Presented at the 2015 American Academy of Orthopaedic Surgeons, Las Vegas NV).

Geller JA, MacCallum KP, Patrick Jr DA, Liabaud B, Jonna VK. Prospective Comparison of Blood Culture Bottles to Swabs for Microbial Detection in Periprosthetic Joint Infection. (Presented at the 2014 American Association of Hip and Knee Surgeons, Dallas TX).

Danoff JR, MacCallum KP, **Geller JA**. *The Effect of Tibial Baseplate Position on Functional Outcomes in Unicompartmental Knee Arthroplasty*. (Presented at the 2014 American Association of Hip and Knee Surgeons, Dallas TX).

Babatunde OM, Zhu K, Peyser KE, Gorroochurn P, **Geller JA**, Macaulay W. *Acetabular Component Positioning and Functional Outcome in Patients*. (Presented at the 2013 American Association of Hip and Knee Surgeons, Dallas TX)

Denise Robinson MPH , RN, Vinni Schek, MPH RN , Peggy Mulligan MSN, NP-C, Maiken Jacobs OT, Nellie Soto, BSN, RN, **Jeffrey Geller , MD**. *The Challenges In Preventing Surgical Site Infection In The Orthopaedic Patients*. Presented at the SAWC Fall Symposium September 2013 Las Vegas, Nevada.

Cassidy K, Noticewala M, Lee JH, Macaulay W, **Geller JA**. *Effect of Femoral Offset on Pain and Function After Total Hip Arthroplasty*. Presented at the 2013 American Academy of Orthopaedic Surgeons, Chicago IL.

Rebal B, Babatunde O, Lee J, **Geller JA**, Gorroochum P, Macaulay W. *A Meta-Analysis of Total Knee Arthroplasty with Imageless Computer-Assisted Navigation*. Orthopedic Research Society, San Antonio TX, Jan 2013.

Thompson S, Liabaud B, Nellans K, Macaulay W, **Geller JA**. *Factors That Lead to Poor Outcomes Following Unicompartmental Knee Arthroplasty: Redefining the "Classic" Indications for Surgery*. Orthopaedic Research Society, San Antonio TX, Jan 2013.

Lee J, Johnson S, Macaulay W, **Geller JA**. *Navigated versus Non-Navigated Acetabular Component Positioning*. Orthopedic Research Society, San Antonio TX, Jan 2013.

Rebal B, Lee J, Patrick D, **Geller JA**, Macaulay W. *Robotic-arm Assistance for Medial Unicompartmental Knee Arthroplasty: A Pilot Study*. Orthopedic Research Society, San Antonio

TX, Jan 2013.

Morrison T, Liabaud B, **Geller JA**. *Functional Results of Cruciate-Retaining Total Knee Arthroplasty using Inside Out-Soft Tissue Balancing in the Valgus Knee*. Presented at the International Congress for Joint Reconstruction/Insall Scott Kelly Meeting, New York, NY October 2012.

Liabaud B, Patrick D, **Geller JA**. *Is The Posterior Cruciate Ligament Destabilized After the Tibial Cut in a Cruciate Retaining Total Knee Replacement: An Anatomic Study*. Presented at the International Congress for Joint Reconstruction/Insall Scott Kelly Meeting, New York, NY October 2012.

Thompson S, Liabaud B, Nellans K, **Geller JA**. *Factors That Lead to Poor Outcomes Following Unicompartamental Knee Arthroplasty: Redefining the "Classic" Indications for Surgery*. Presented at the International Congress for Joint Reconstruction/Insall Scott Kelly Meeting, New York, NY October 2012.

Noticewala M, **Geller JA**, Nyce J, Macaulay W. *Unicompartamental Knee Arthroplasty Relieves Pain and Improves Function More Than Total Knee Arthroplasty*. Presented at the Orthopedic Research Society, San Francisco, CA 2012.

Noticewala M, **Geller JA**, Lee J, Macaulay W. *Predicting Need for Allogenic Blood Transfusion Following Total Knee Arthroplasty*. Presented at the Orthopedic Research Society, San Francisco, CA 2012.

Choi JK, **Geller JA**, Wang W, Macaulay W. *Accuracy and Reliability of Templating on Conventional X-ray for Hip Resurfacing*. (Presented at the Orthopedic Research Society, New Orleans LA 2010).

Kim A, Yoon R, Nellans K, **Geller JA**, Macaulay W. *The Effect of Hypovitaminosis D among Primary Knee Arthroplasty (PKA) Patients*. (Presented at the Orthopedic Research Society, New Orleans LA 2010).

Wang W, **Geller JA**, Kim AD, Morrison TA, Nyce J, Macaulay W. *Factors Affecting Response Rates to Mailed Preoperative Surveys Among Hip and Knee Arthroplasty Patients*. (Presented at the Orthopedic Research Society, New Orleans LA 2010).

Wang W, **Geller JA**, Choi JK, Yoon R, Nyce J, Macaulay W. *Predicting Short-Term Outcome of Primary Total Knee Arthroplasty: A Prospective Multivariate Regression Analysis of 11 Independent Factors*. (Presented at the Orthopedic Research Society, New Orleans LA 2010).

Choi JK, **Geller JA**, Wang W, Nyce J, Macaulay W. *Comparing early outcomes after primary total hip and knee arthroplasty*. (Presented at the Orthopedic Research Society, New Orleans LA 2010).

Wang W, **Geller JA**, Morrison T, Macaulay W. *Short-Term Functional Outcomes for Total Knee Arthroplasty in Diabetic Patients*. (Presented at the American Association of Hip & Knee Surgeons, Dallas TX 2009)

Kim AD, **Geller JA**, Nellans KW, Morrison TA, Choi JK, Macaulay W. *The Effect of Hypovitaminosis D among Primary Knee Arthroplasty (PKA) Patients*. (Presented at the 31st Annual Meeting of the American Society for Bone and Mineral Research (ASBMR), Denver, CO, September 2009)

Kukkar N, **Geller JA**, Macaulay W. *Optimizing Survivorship of Metal-on-Metal Hip Resurfacing: The Technical and Conceptual Aspects of "Bailing-Out" to Total Hip Arthroplasty* (Presented at the Orthopedic Research Society, Las Vegas NV 2009)

Wang W, Morrison T, Yoon RS, **Geller JA**, Macaulay W. *Predicting Short Term Outcome of Primary Total Hip Arthroplasty: A Prospective Multivariate Regression Analysis of 12 Independent Factors*. (Presented at the Orthopedic Research Society, Las Vegas, NV 2009)

Geller JA, Saifi C, Macaulay W: *Tip-apex Distance of Intramedullary Devices as a Predictor of Cut-out Failure in the Treatment of Elderly Hip Fractures*. (Presented at the Orthopedic Trauma Association, Denver CO 2008)

Nellans, K.W. Yoon, R.S. Kim, A.D. Jacobs, M. **Geller JA**. Macaulay W. *Formal Patient Education Prior to Hip or Knee Arthroplasty Lowers Costs and Length of Stay*. (Presented at the 21th Annual Symposium of the International Society for Technology in Arthroplasty, Seoul, South Korea, October 2008).

Macaulay, W. Nellans, K. Garvin, K. Iorio, R. Healy, W. Teeny, S. Yoon, R.S. **Geller JA**, Rosenwasser, M.P. DFACTO Consortium. *Prospective Randomized Clinical Trial Comparing Hemiarthroplasty to Total Hip Arthroplasty: Functional Outcomes in the Treatment of Displaced Femoral Neck Fractures*. (Presented at the American Academy of Orthopedic Surgeons, San Francisco CA 2008).

Macaulay, W. Nellans, K. Garvin, K. Iorio, R. Healy, W. Teeny, S. Yoon, R.S. Geller, J. Rosenwasser, M.P. DFACTO Consortium. *Prospective Randomized Clinical Trial Comparing Hemiarthroplasty to Total Hip Arthroplasty: Functional Outcomes in the Treatment of Displaced Femoral Neck Fractures*. (Presented at the IOF World Congress on Osteoporosis, Toronto, Canada 2006).

Geller JA, Malchau H, Bragdon C, et al: *Minimum 5 Year Results of Highly Cross-Linked Polyethylene Bearings in Total Hip Arthroplasty*. (Winner of "Best Poster," presented at the 2006 American Academy of Orthopaedic Surgeons, Chicago, IL 2006).

Patel DV, **Geller JA**, Costa AJ, Bibbo C, Eng RH: *Outcome of Total Joint Arthroplasty in Patients with Human Immunodeficiency Virus (HIV) Infection*. (Presented at the American Academy of Orthopaedic Surgeons, Chicago, IL 2006).

Geller JA, Reilly MC, Sabatino C, Bono C, Sirkin MS, Kalluri P, Sanfilippo J, Behrens FF: *The Influence of Glenoid Neck Malunion on Shoulder Mechanics*. (Presented at the 2003 Orthopedic Trauma Association, Salt Lake City, UT).

Geller JA, Sirkin MS, Reilly MC, Bono C, Honig K, Behrens FF: *Incidence of Compartment Syndrome after Isolated Gun Shot Wounds to the Fibula* (Presented at the 2003 Orthopedic Trauma Association, Salt Lake City, UT).

Gambino C, **Geller JA**, Patterson F, Benevenia J, Granick M: *The Use of Vacuum-Assisted-Coverage as a Staging Procedure for Soft-Tissue Salvage after Complex Hip Reconstruction* (Presented at the 2003 Musculoskeletal Tumor Society, Chicago, IL).

Bono C, Sabatino C, **Geller JA**: *Insertion Angle and Portal Size with Retrograde Humeral Nailing: Anatomic Comparison of Supracondylar and Olecranon Fossa Portals*. (Presented at the 2001 Orthopedic Trauma Association, San Diego, CA).

Bono C, Sabatino C, **Geller JA**: *Insertion Angle and Portal Size with Retrograde Humeral Nailing: Anatomic Comparison of Supracondylar and Olecranon Fossa Portals*. (Presented at the 2001 American Academy of Orthopedic Surgeons, San Francisco, CA).

Bono C, Fiorito T, **Geller JA**, Sabatino C: *The Location of the Nutrient Foramen of the Humeral Shaft*. (Presented at the 2000 Orthopedic Trauma Association, San Antonio, TX).

Tornetta P, **Geller JA**, Tiburzi D, Kummer FJ, Koval KJ.: *Tension Wire Position for Hybrid External Fixation of the Tibial Plateau*. (Presented at the 1998 Orthopedic Trauma Association meeting, Vancouver, BC).

Katzman B, **Geller JA**, Klein D, Mesa J, Monsanto E, Caligiuri D: *Immobilization of the Mallet Finger: DIP versus DIP/PIP Immobilization*. (Presented at the 1998 American Society of Surgery of the Hand, Minneapolis, MN).

Klein D, Katzman B, **Geller JA**, Mesa J, Lipton J, Caligiuri D: *Histologic Comparison of Extensor Retinaculum of Hand and Foot*. (Presented at the 1998 American Society of Surgery of the Hand, Minneapolis, MN).

Katzman B, **Geller JA**, Caligiuri D, et al: *Utility of Obtaining X-rays in Patients with Trigger Finger*. (Presented at the 1998 Eastern Orthopedics Association).

Tornetta P, **Geller JA**, Ritter C, Riina J, et al: *Risks of AP Locking Screws in the Proximal Femur* (Presented at the 1998 American Academy of Orthopedic Surgeons, New Orleans, LA).

Katzman B, **Geller JA**, Klein D, Mesa J, Monsanto E, Caligiuri D: *Immobilization of the Mallet Finger: DIP versus DIP/PIP Immobilization*. (Presented at the 1998 American Academy of Orthopedic Surgeons, New Orleans, LA).

Klein D, Katzman B, **Geller JA**, Mesa J, Lipton J, Caligiuri D: *Histologic Comparison of Extensor Retinaculum of Hand and Foot*. (Presented at the 1998 American Academy of Orthopedic Surgeons, New Orleans, LA).

Tornetta P, **Geller JA**, Tiburzi D, Kummer FJ, Koval KJ.: *Tension Wire Position for Hybrid External Fixation of the Tibial Plateau*. (Presented at the 1998 American Academy of Orthopedic Surgeons, New Orleans, LA).

Tornetta P, Urban W, **Geller JA**, Riina J: *Intraarticular Anatomic Risks of Portal Placement for Tibial Nailing*. (Presented at the 1997 American Academy of Orthopedic Surgeons meeting, San Francisco, CA).

Tornetta P, **Geller JA**, Ritter C, Riina J, et al: *Risks of AP Locking Screws in the Proximal Femur* (Presented at the 1997 Orthopedic Trauma Association meeting, Louisville, KY).

Katzman B, **Geller JA**, Klein D, Mesa J, Monsanto E, Caligiuri D: *Immobilization of the Mallet Finger: DIP versus DIP/PIP Immobilization*. (Presented at 1997 New York Hand Society, New York, NY).

INVITED PRESENTATIONS

Harvard Medical School, Department of Orthopedic Surgery Grand Rounds, Boston MA – *Robotic Technology in Knee Arthroplasty Today*, October 26, 2017

Montefiore Medical Center, Department of Orthopedic Surgery Grand Rounds, Bronx NY – *Keys to Success in Partial Knee Replacement Surgery*. April 27, 2017.

Mt. Sinai Scholl of Medicine, Department of Orthopedic Surgery Grand Rounds, New York, NY - *What's the Rage About the Robot? Keys to Success in Partial Knee Replacement Surgery*. March 2015.

Global Insights: The Future of Hip & Knee Surgery, Copenhagen Denmark, *Journey 2 Cruciate Retaining Design: Can a Cruciate-Retaining Knee Restore Normal Kinematics. Early Clinical Experiences*. November 2013

Global Insights: The Future of Hip & Knee Surgery, Copenhagen Denmark, *Challenges of the Current Patient Population: Thromboembolic disease*. November 2013.

Advances in Wound Care, Purchase NY. *“No Surgeon Will Do My Knee Replacement! Fact or Fiction: Is This the Future of Health Care?”* April 2013.

Controversies in Partial Knee Arthroplasty, Columbus OH *Early Adverse Results with a Bicompartamental Knee Arthroplasty: A prospective cohort comparison to Total Knee Arthroplasty*. June 2011.

Controversies in Partial Knee Arthroplasty, Columbus OH *Does a High Flexion Design Affect Early Outcome of Medial Unicondylar Knee Arthroplasty (UKA)? Clinical Comparison at Two Years*. June 2011.

Controversies in Partial Knee Arthroplasty, Columbus OH *Making the Transition from Traditional UKA to Robotic UKA: Is It Worth It?* June 2011.

Controversies in Partial Knee Arthroplasty, Columbus OH *A Robotic Arm is Very Helpful*. OH June 2011.

Winthrop University Hospital, Department of Orthopedic Surgery Grand Rounds, Mineola NY – *Robotic Partial Knee Replacements, Converting from Conventional Instrumentation to Robotically Assisted Surgery, Is it Worth it?* March 2011.

New Jersey Medical School- UMDNJ, Department of Orthopedic Surgery Grand Rounds, Newark NJ – *Partial Knee Replacements*, June 2009

Winthrop University Hospital, Department of Orthopedic Surgery Grand Rounds, Mineola NY – *Total Hip Resurfacing*, October 2008

New York Presbyterian – Columbia University, Department of Rehabilitation Medicine Grand Rounds, New York, NY. *New Developments in Partial versus Total Knee Arthroplasty*. November 2007.

New York Presbyterian – Columbia University, Department of Medicine, Division of Rheumatology Grand Rounds. *The Effect of Female Gender in Total Knee Replacement*. New York, NY, December 2006.

New York Presbyterian- Columbia University, Department of Orthopedic Surgery Grand Rounds, New York NY. *Use of Large Femoral Heads to Prevent Dislocation in Total Hip Arthroplasty*, November 2005