

Curriculum Vitae

January, 2018

Gwo-Chin Lee, M.D.

Office Address: Penn Presbyterian Hospital
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Education:

1994 B.S. Stanford University (Biological Sciences)
1998 M.D. Baylor College of Medicine

Postgraduate Training and Fellowship Appointments:

1998-1999 Intern in Orthopedic Surgery, Mayo Clinic, Rochester
1999-2003 Resident in Orthopedic Surgery, Mayo Clinic, Rochester
2003-2004 Fellowship, Adult Reconstruction, Insall Scott Kelly
Institute, Beth Israel Medical Center, New York

Military Service:

None

Faculty Appointments:

2005-2007 Assistant Professor of Orthopedic Surgery, Department of
Orthopedic Surgery, Drexel College of Medicine
2007-2015 Assistant Professor of Orthopedic Surgery, Department of
Orthopedic Surgery, University of Pennsylvania
2015-Present Associate Professor of Orthopedic Surgery, Department of
Orthopedic Surgery, University of Pennsylvania

Hospital and Administrative Appointments:

2005- 2007 Attending Physician, Hahnemann University Hospital
2007-Present Attending Physician, Penn Presbyterian Hospital
Attending Physician, Pennsylvania Hospital
Attending Physician, Hospital of the University of Penn

Specialty Certification:

2006 American Board of Orthopedic Surgery
2013 Recertification American Board of Orthopedic Surgery

Licensure:

Pennsylvania and New Jersey

Awards Honors and Membership in Honorary Societies:

- 1994 Phi Beta Kappa
- 1998 Alpha Omega Alpha
- 2002 Faculty Research Award
- 2003 Coventry Clinical Research Award
- 2004 Leonard Marmor Surgical Arthritis Foundation Award
- 2010 Knee Society John N. Insall Traveling Fellowship
- 2013 Orthopaedic Rehabilitation Association Jacquelin Perry Award.
- 2013 Knee Society Membership
- 2014 Orthopedic This Week's Top 22 North American Knee Surgeons
- 2014 AAHKS James A. Rand Award.
- 2015 AAHKS Best Health Policy Poster Award
- 2016 Best of AAOS Adult Reconstruction Hip Highlights
- 2017 Hip Society Membership

Memberships in Professional & Scientific Societies and Other Professional Activities:

International:

- Insall Club (Member)
- Knee Society (Member)
- Hip Society (Member)

National:

- American Academy of Orthopedic Surgeons (Member)
- American Orthopaedic Association (Member)

Local:

- Pennsylvania Orthopedic Society (Member)
- Philadelphia Orthopedic Society (Member)

Editorial Positions:

1. Clinical Orthopedics and Related Research, Reviewer (2009-present)
2. BMC Musculoskeletal Disorders, Reviewer (2009-present)
3. Orthopedics Hyperguide, Knee Section Editor (2010-present)
4. Journal of Arthroplasty, Reviewer (2011-present)
5. Orthopedics, Reviewer (2011-present)
6. Journal of Bone and Joint Surgery, American, Reviewer (2012-present)
7. The Knee, Reviewer (2012-present)

Academic and Institutional Committees:

1. CEQI Committee, Penn Presbyterian Hospital, 2007-2012.
2. Medico-legal Committee, University of Pennsylvania, 2010-2012.
3. Translational Research Committee, University of Pennsylvania, 2008-2009
4. Transfusion Committee, Penn Presbyterian Hospital, 2013-present.
5. ACGME, Adult Reconstruction Milestone Development Committee, 2012-present.
6. AAOS Management of Postoperative Surgical Site Infections Clinical Practice Guidelines Workgroup (2015)
7. AAOS Surgical Management of Osteoarthritis of the Knee Appropriate Use Criteria Writing Panel (2016)

Major Academic and Clinical Teaching Responsibilities:

8. University of Pennsylvania Orthopedic Surgery Residents, Didactic Teaching (0.5 day/week)
9. University of Pennsylvania Orthopedic Surgery Residents, Clinical Teaching, Outpatient Orthopedics (office 2.0 days/week); Consultation and Emergencies (approx. 88 days/year); Operative Orthopedics (700+ surgical cases/year).
10. Fellowship Director: Adult Reconstruction Fellowship University of Pennsylvania (2011-present).

Lectures by Invitation:

11. October 2004. Holy Redeemer Hospital Grand Rounds. Management of full thickness cartilage defects about the knee, Meadowbrook, PA.
12. April 2005. Orthopedic Surgery National Experts' Consensus Panel Meeting. Blood management in patients with infected joint replacements, Phoenix, AZ.
13. July 2005. Orthopedic Nursing Update. Proximal humerus fractures, Philadelphia, PA.
14. October 2005. Warminster Hospital Grand Rounds. Minimally invasive total knee replacements, Warminster, PA.
15. April 2006. Warminster Hospital Grand Rounds. The meniscus, Warminster, PA.
16. December 2006. Warminster Hospital Grand Rounds. Knee ligament reconstruction, Warminster, PA.
17. August 2007. University of Pennsylvania Grand Rounds. Minimally invasive hip and knee replacement surgery.

18. October 2007. University of Pennsylvania, Rheumatology Grand Rounds. Orthopedic management of patients with rheumatoid arthritis.
19. September 2008. University of Pennsylvania Grand Rounds. Revision TKA Principles.
20. April 2009. University of Pennsylvania Grand Rounds. Rotating platform TKA: Why it makes sense to me.
21. April 2009. Pennsylvania Orthopedic Society Spring Meeting. Total hip replacement following acetabular fractures.
22. July 2009. University of Pennsylvania Grand Rounds. Total Hip Arthroplasty: The Basics.
23. July 2009. University of Pennsylvania, First-Year Rheumatology Fellows Conference. Orthopedic Management of Rheumatic Disease.
24. July 2010. University of Pennsylvania, First-Year Rheumatology Fellows Conference. Nonoperative Management of the Arthritic Knee.
25. October 2010. John N. Insall Traveling Fellowship, Harvard Medical School, Total Knee Arthroplasty in the New Millenium.
26. October 2010. John N. Insall Traveling Fellowship, OrthoCarolina, Charlotte, NC. Total Knee Arthroplasty in the New Millenium.
27. October 2010. John N. Insall Traveling Fellowship, University of Western Ontario, Canada. Total Knee Arthroplasty in the New Millenium.
28. October 2010. John N. Insall Traveling Fellowship, Pennsylvania Hospital. Total Knee Arthroplasty in the New Millenium.
29. October 2010. Mayo Clinic Orthopedic Grand Rounds. Total Knee Arthroplasty in the New Millenium.

30. October 2010. Combined Hospital for Special Surgery and Insall Scott Kelly Knee Meeting, New York. Total Knee Arthroplasty in the New Millenium.
31. October 2010. John N. Insall Traveling Fellowship, Mt Carmel Medical Center, Columbus OH. Total Knee Arthroplasty in the New Millenium.
32. October 2010. John N. Insall Traveling Fellowship, St. Francis Medical Center, Mooresville IN. Total Knee Arthroplasty in the New Millenium.
33. October 2010. RUSH Orthopedic Grand Rounds, Chicago IL. Total Knee Arthroplasty in the New Millenium.
34. October 2010. University of Denver Orthopedic Grand Rounds. Total Knee Arthroplasty in the New Millenium.
35. October 2010. University of California San Francisco Orthopedic Grand Rounds. Total Knee Arthroplasty in the New Millenium.
36. November 2010. University of Pennsylvania Orthopedic Grand Rounds. Materials in Joint Replacement Surgery.
37. January 2011. University of Pennsylvania Orthopedic Grand Rounds. Traveling Fellowships: What, when and why?
38. January 2011. International Congress of Joint Replacement 3rd Annual Winter Meeting, Vail CO. Ceramics in Total Hip Arthroplasty.
39. January 2011. International Congress of Joint Replacement 3rd Annual Winter Meeting, Vail CO. Acetabular Component Insertion.
40. January 2011. International Congress of Joint Replacement 3rd Annual Winter Meeting, Vail CO. Removal of Femoral Components.
41. January 2011. International Congress of Joint Replacement 3rd Annual Winter Meeting, Vail CO. Periprosthetic Fractures around THA.
42. April, 2011. OrthoCarolina Grand Rounds, Charlotte NC. The Role Bipolar Sealants in Infected TKA.

43. June, 2011. Italian American Arthroplasty Congress Inaugural Meeting, Catania Italy. Blood Conservation in Infected Joint Replacements.
44. June, 2011. Insall Club Annual Meeting, Taormina Italy. Bipolar Sealants in Infected TKA.
45. September, 2011. Penn Medicine Orthopedics for Primary Care Program, Valley Forge, PA. Should My Joint Replacement be Hurting?
46. January, 2012. International Congress of Joint Replacement 4th Annual Winter Meeting, Vail CO. Perfect Xray but an Unhappy Patient: Patient Expectations and Satisfaction following TKA.
47. January, 2012. International Congress of Joint Replacement 4th Annual Winter Meeting, Vail CO. Femoral Canal Preparation.
48. April, 2012. International Congress of Joint Replacement 3rd Annual Spring Hip and Knee Course, Kiawah Island SC. Patient Satisfaction with TKA: Can we improve?
49. April, 2012. International Congress of Joint Replacement 3rd Annual Spring Hip and Knee Course, Kiawah Island SC. How I Stratify Bearing Choices for Young Patients and Why?
50. April, 2012. International Congress of Joint Replacement San Diego, Coronado Island, CA. Evaluation and Management of Infected THA.
51. April, 2012. International Congress of Joint Replacement San Diego, Coronado Island, CA. Patellofemoral Replacement. Techniques and Outcomes.
52. June, 2012. New England Orthopaedic Society Spring Meeting, Bretton Woods, NH. Patient Satisfaction following TKA.
53. June, 2012. Johns Hopkins University Orthopaedic Grand Rounds, Baltimore MD. Patient Satisfaction following TKA.
54. June, 2012. Eastern Orthopaedic Association 43rd Annual Meeting, Bolton Landing NY. Complications following TJA.

55. June, 2012. Eastern Orthopaedic Association 43rd Annual Meeting, Bolton Landing NY. Ten Pearls for Revision THA.
56. September, 2012. Introduction to Hip & Knee Arthroplasty for the Junior Resident. A 2nd and 3rd Year Resident Program, Atlanta GA. Biomechanics of TKA.
57. September, 2012. Introduction to Hip & Knee Arthroplasty for the Junior Resident. A 2nd and 3rd Year Resident Program, Atlanta GA. Management of Infected TJA.
58. October, 2012. International Congress of Joint Replacement, 13th Annual Insall Scott Kelly Institute Sports Medicine, Total Knee and Hip Course. Cemented Femoral Components.
59. October, 2012. International Congress of Joint Replacement, 13th Annual Insall Scott Kelly Institute Sports Medicine, Total Knee and Hip Course. Evaluation and Treatment of Femoro-Acetabular Impingement.
60. October, 2012. International Congress of Joint Replacement, 13th Annual Insall Scott Kelly Institute Sports Medicine, Total Knee and Hip Course. Navigation in THA.
61. October, 2012. International Congress of Joint Replacement, 13th Annual Insall Scott Kelly Institute Sports Medicine, Total Knee and Hip Course. Results of navigation in hip resurfacing.
62. October 2012. International Congress of Joint Replacement, 13th Annual Insall Scott Kelly Institute Sports Medicine, Total Knee And Hip Course. Cemented femoral stems.
63. November, 2012. AAHKS Annual Meeting, Ceramtec Symposium. Midterm and long-term results of ceramic and ceramic.
64. January, 2013. International Congress of Joint Replacement, 5th Annual Winter Meeting, Vail CO. Unhappy TKAs: How can we improve patient satisfaction?
65. January, 2013. International Congress of Joint Replacement, 5th Annual Winter Meeting, Vail CO. Ceramic on ceramic THA.

66. January, 2013. International Congress of Joint Replacement, 5th Annual Winter Meeting, Vail CO. Larger heads create more problems (in primary THA).
67. January, 2013. International Congress of Joint Replacement 5th Annual Winter Meeting, Vail CO. Measured resection in TKA: A better technique.
68. January, 2013. International Congress of Joint Replacement 5th Annual Winter Meeting, Vail CO. Updates in evaluation and treatment of infected THA.
69. March, 2013. American Academy of Orthopedic Surgeons 79th Annual Meeting, Chicago IL. Instructional Course Lecture: How to perform a primary TKA: Video Vignettes.
70. March, 2013. American Academy of Orthopedic Surgeons 79th Annual Meeting, Chicago IL. A Modern Approach to Blood Conservation in Total Joint Arthroplasty: CME Symposium.
71. April, 2013. ICJR: Philadelphia Revision Course, Philadelphia, PA. Acetabular Reconstruction.
72. April, 2013. ICJR: Philadelphia Revision Course, Philadelphia, PA. Extensor Mechanism Reconstruction with Marlex Mesh.
73. June, 2013. Drexel College of Medicine Annual Research Day Symposium. Academic Medicine.
74. August, 2013. Introduction to Hip & Knee Arthroplasty for the Junior Resident. A 2nd and 3rd Year Resident Program, Chicago, IL. Biomechanics of TKA.
75. August, 2013. Introduction to Hip & Knee Arthroplasty for the Junior Resident. A 2nd and 3rd Year Resident Program, Chicago, IL. Management of Infected TJA.
76. October 2013, ICJR East: Combined 14th Annual ISK and European Knee Associates Conference, New York, NY. Long term follow up of TKA.
77. October 2013, ICJR East: Combined 14th Annual ISK and European Knee Associates Conference, New York, NY. Extensor mechanism reconstruction.

78. October 2013, ICJR East: Combined 14th Annual ISK and European Knee Associates Conference, New York, NY. Evaluation and treatment of femoro-acetabular impingement (FAI).
79. October 2013, ICJR East: Combined 14th Annual ISK and European Knee Associates Conference, New York, NY. Double tapered femoral components.
80. November 2013, Eastern Orthopaedic Association 44th Annual Meeting, Miami FL. What does SCIP demand?
81. January 2014, ICJR 6th Annual Winter Meeting, Vail CO. Outcomes in Primary TKA?
82. January 2014, ICJR 6th Annual Winter Meeting, Vail CO. Ceramic on Ceramic Hip Replacements.
83. January 2014, ICJR 6th Annual Winter Meeting, Vail CO. Tips and Pearls for Treatment of the Infected THA.
84. March 2014, American Academy of Orthopaedic Surgeons 80th Annual Meeting, New Orleans, LA. Instructional Course Lecture: How to Perform a Primary TKA: Video Vignettes.
85. May 2014, ICJR: Philadelphia Revision Course, Philadelphia PA. Blood Conservation in Revision Total Joint Arthroplasty.
86. May 2014, ICJR: Philadelphia Revision Course, Philadelphia, PA. Evaluation and Management of Corrosion of the Morse Taper.
87. May 2014, ICJR: Philadelphia Revision Course, Philadelphia, PA. Video Technique: Management of chronic extensor mechanism injuries: Extensor mechanism repair and augmentation with mesh.
88. May 2014, ICJR: Philadelphia Revision Course, Philadelphia, PA. Indications for constrained and rotating hinge style TKAs.
89. August 2014, Rocky Mountain Orthopaedic Resident Arthroplasty Course, Denver, CO. Bearing surfaces in Arthroplasty.

90. August 2014, Rocky Mountain Orthopaedic Resident Arthroplasty Course, Denver CO. Ligament balancing in TKA.
91. September 2014, Introduction to Hip & Knee Arthroplasty for the Junior Resident. A 2nd and 3rd Year Resident Program, Chicago, IL. Biomechanics of TKA.
92. September 2014, Introduction to Hip & Knee Arthroplasty for the Junior Resident. A 2nd and 3rd Year Resident Program, Chicago, IL. Management of Infected TJA.
93. September 2014, Current Concepts in Joint Replacement, Iguassu Falls, Brazil. Ceramic on ceramic THA: The new standard.
94. September 2014, Current Concepts in Joint Replacement, Iguassu Falls, Brazil. Management of ceramic fractures: Ensuring a safe return.
95. September 2014, Current Concepts in Joint Replacement, Iguassu Falls, Brazil. Patient specific blocks: Of unproven value.
96. October 2014, ICJR East Combined 15th Annual ISK and European Knee Associates Conference, New York, NY. Double tapered femoral components.
97. October 2014, ICJR East Combined 15th Annual ISK and European Knee Associates Conference, New York, NY. Evaluation and treatment of femoro-acetabular impingement (FAI).
98. October 2014, ICJR East: Combined 15th Annual ISK and European Knee Associates Conference, New York, NY. Extensor mechanism reconstruction.
99. January 2015, ICJR 7th Annual Winter Hip and Knee Course, Vail, CO. The resident cut the MCL!
100. January 2015, ICJR 7th Annual Winter Hip and Knee Course, Vail, CO. Patient specific instruments: CON
101. January 2015, ICJR 7th Annual Winter Hip and Knee Course, Vail CO. Bicruciate TKA: Seriously.

102. January 2015, ICJR 7th Annual Winter Hip and Knee Course, Vail CO. Ceramic heads should be used in all patients.
103. January 2015, ICJR 7th Annual Winter Hip and Knee Course, Vail CO. Drapes came off and the leg was long!
104. January 2015, ICJR 7th Annual Winter Hip and Knee Course, Vail CO. Removing the infected acetabular component.
105. March 2015, American Academy of Orthopedic Surgeons 81st Annual Meeting, Las Vegas, NV. Instructional Course Lecture: How to perform a primary TKA: Video Vignettes.
106. April 2015, VuMedi Reducing Recovery Time in Total Joint Arthroplasty Webinar. Avoiding opioids in total joint arthroplasty.
107. May 2015, ICJR: 3rd Annual Philadelphia Revision Course, Philadelphia, PA. Blood management techniques in revision total hip and knee arthroplasty.
108. May 2015, ICJR: 3rd Annual Philadelphia Revision Course, Philadelphia, PA. Management of chronic extensor mechanism injuries: Extensor mechanism repair and augmentation with Marlex mesh technique.
109. May 2015, ICJR 3rd Annual Philadelphia Revision Course, Philadelphia, PA. Management of acetabular bone loss: Role of acetabular reconstruction cages.
110. May 2015, VuMedi Advanced THA Bearing Controversies in 2015 Webinar. Ceramic bearings should be routinely used in THA: Affirms.
111. May 2015, CCJR Spring Meeting, Las Vegas NV. Patient specific cutting blocks of unproven value. Affirms.
112. May 2015, CCJR Spring Meeting, Las Vegas NV. Management of ceramic component fractures: Can you ensure a safe return?
113. May 2015, ICJR South Spring Hip and Knee Course, Charleston SC. Patient specific instruments: Against.

114. May 2015, ICJR South Spring Hip and Knee Course, Charleston SC. Patient selection for elective total hip and knee arthroplasty.
115. June, 2015, ICJR West Annual Hip and Knee Course, Napa Valley, CA. My 4 top JBJS articles.
116. June, 2015, ICJR West Annual Hip and Knee Course, Napa Valley CA. Ceramic heads are the answer.
117. June 2015, ICJR West Annual Hip and Knee Course, Napa Valley CA. When and why do I choose porous coated stems-surgical tips.
118. June 2015, ICJR West Annual Hip and Knee Course, Napa Valley CA. When I can use a hemispherical shell- surgical tips.
119. August 2015, Rocky Mountain Orthopaedic Resident Arthroplasty Course, Denver CO. Pain Management, local infiltration, regional anesthesia, outpatient TKA.
120. October 2015, ICJR East Combined 16th Annual ISK and European Knee Associates Conference, New York, NY. Treatment of Femoro-acetabular impingement.
121. October 2015, ICJR East Combined 16th Annual ISK and European Knee Associates Conference, New York, NY. Patient selection and preoperative education in TKA
122. October 2015, ICJR East Combined 16th Annual ISK and European Knee Associates Conference, New York, NY. Techniques in TKR.
123. October 2015, ICJR East Combined 16th Annual ISK and European Knee Associates Conference, New York, NY. Postoperative management: What is needed for proper discharge?
124. October 2015, ICJR East Combined 16th Annual ISK and European Knee Associates Conference, New York, NY. Techniques in Revision TKA: Management of Bone Loss
125. October 2015, ICJR East Combined 16th Annual ISK and European Knee Associates Conference, New York, NY. Clinical Issues in TKA: Multimodal pain management.

126. November 2015, Brazilian Hip Society Annual Meeting, Brasilia, Brazil. Use of Modular Tapered Revision Femoral Components in Total Hip Arthroplasty.
127. November 2015, Chinese Orthopaedic Association Annual Meeting, Chongqing, China. Static vs. Articulating Spacers.
128. November 2015, Chinese Orthopaedic Association Annual Meeting, Chongqing, China. Cementless TKA.
129. December 2015, Current Concepts in Joint Replacements Winter Meeting, Orlando Fl. Ceramic-ceramic THA in Patients Less than 60: A New Standard.
130. December 2015, Current Concepts in Joint Replacements Winter Meeting, Orlando Fl. Preoperative Planning: Avoiding Chaos.
131. December 2015, Current Concepts in Joint Replacements Winter Meeting, Orlando Fl. Management of Ceramic Fx's: Can You Insure a Safe Return?
132. January 2016, International Congress of Joint Reconstruction 8th Annual Winter Hip and Knee Course, Vail CO. The Resident Cut the MCL!
133. January 2016, International Congress of Joint Reconstruction 8th Annual Winter Hip and Knee Course, Vail CO. Treatment of Infection: Still a Role for Debridement.
134. January 2016, International Congress of Joint Reconstruction 8th Annual Winter Hip and Knee Course, Vail CO. Prosthetic Treatment of Hip Fractures and Conversion of Previous Surgery to THA: How to Manage Outliers in the Bundle.
135. January 2016, International Congress of Joint Reconstruction 8th Annual Winter Hip and Knee Course, Vail CO. Removing the Infected Acetabular Component.
136. March 2016, American Academy of Orthopaedic Surgeons 82nd Annual Meeting. Instructional Course Lecture: How to Perform a Primary TKA: Ligament Balancing.

137. March 2016, American Academy of Orthopaedic Surgeons 82nd Annual Meeting. Instructional Course Lecture: How to Perform a Primary TKA: Intraoperative Complications.
138. March 2016, The 2nd Annual Xiangshan International Arthroplasty Summit, Beijing China. The Complex TKA.
139. April 2016, CTO/Turin Arthroplasty Congress, Turin Italy. The Unhappy TKA: Patient Expectations and Satisfaction.
140. May 2016, International Congress of Joint Reconstruction 4th Annual Revision Hip and Knee Course, Philadelphia PA. Blood Management in Revision TJA.
141. May 2016, International Congress of Joint Reconstruction 4th Annual Revision Hip and Knee Course, Philadelphia PA. Management of Chronic Extensor Mechanism Injuries: Extensor Mechanism Augmentation and Repair with Mesh.
142. May 2016, International Congress of Joint Reconstruction 4th Annual RLO Spring Hip and Knee Course, Charleston SC. Alignment.
143. May 2016, International Congress of Joint Reconstruction 4th Annual RLO Spring Hip and Knee Course, Charleston SC. Enhanced Recovery: Patient Selection.
144. May 2016, International Congress of Joint Reconstruction 4th Annual RLO Spring Hip and Knee Course, Charleston, SC. Psychosocial Factors Affecting Outcomes in TKA.
145. May 2016, International Congress of Joint Reconstruction 4th Annual RLO Spring Hip and Knee Course, Charleston, SC. Arthroplasty for Young Patients.
146. May 2016, Current Concepts in Joint Replacements Spring Meeting, Las Vegas NV. Minimizing Infection Risk: The Factors Influencing.
147. May 2016, Current Concepts in Joint Replacements Spring Meeting, Las Vegas NV. Management of Ceramic Component Fractures: Can You Insure a Safe Return?
148. August 2016, Rocky Mountain Orthopaedic Resident Arthroplasty Course, Denver CO. Pain Management, local infiltration, regional anesthesia, outpatient TKA.

149. August 2016, Rocky Mountain Orthopaedic Resident Arthroplasty Course, Denver CO. Ligament Balancing In TKA: Measured Resection.
150. September 2016, Introduction to Hip & Knee Arthroplasty for the Junior Resident. A 2nd and 3rd Year Resident Program, Chicago, IL. Biomechanics of TKA.
151. September 2016, Introduction to Hip & Knee Arthroplasty for the Junior Resident. A 2nd and 3rd Year Resident Program, Chicago, IL. Diagnosis and Treatment of Prosthetic Joint Infections.
152. October 2016, ICJR East Combined 17th Annual ISK and European Knee Associates Conference, New York, NY. Techniques in Revision TKA: Management of Bone Loss.
153. October 2016, ICJR East Combined 17th Annual ISK and European Knee Associates Conference, New York, NY. Management of Femoro-Acetabular Impingement.
154. October 2016, ICJR East Combined 17th Annual ISK and European Knee Associates Conference, New York, NY. Patient Selection and Preoperative Education.
155. October 2016, ICJR East Combined 17th Annual ISK and European Knee Associates Conference, New York, NY. Mini Posterolateral Approach: Five Video Tips to Optimize our Approach.
156. November 2016, American Association of Hip and Knee Surgeons Resident Course, Dallas TX. Periprosthetic fractures in THA.
157. November 2016, Chinese Orthopedic Association Annual Meeting, Beijing China. The Kinematic TKA.
158. November 2016, Chinese Orthopedic Association Annual Meeting, Beijing China. Principles of Periprosthetic Joint Infection Treatment.
159. November 2016, Chinese Orthopedic Association Annual Meeting, Beijing China. Minimizing Infection Risk.

160. November 2016, Chinese Orthopedic Association Annual Meeting, Beijing China. Does the Approach Matter? Different Strokes for Different Folks.
161. December 2016, Current Concepts in Joint Replacements Winter Meeting, Orlando FL. Ceramic on Ceramic Bearings in Patients Under Age 60 Assures Longevity- Affirms.
162. December 2016, Current Concepts in Joint Replacements Winter Meeting, Orlando FL. Minimizing Infection Risk: A Perioperative Checklist.
163. January 2017, International Congress of Joint Reconstruction 9th Annual Winter Hip and Knee Course, Vail CO. My Top 5 Moves in Primary TKA.
164. January 2017, International Congress of Joint Reconstruction 9th Annual Winter Hip and Knee Course, Vail CO. My Top 5 Moves in Primary THA.
165. January 2017, International Congress of Joint Reconstruction 9th Annual Winter Hip and Knee Course, Vail CO. Outpatient Total Joints. A Big Mistake!
166. January 2017, International Congress of Joint Reconstruction 9th Annual Winter Hip and Knee Course, Vail CO. Drapes Came Off and the Leg was Long!
167. January 2017, International Congress of Joint Reconstruction 9th Annual Winter Hip and Knee Course, Vail CO. Removing the Infected Acetabular Component.
168. March 2017, American Academy of Orthopaedic Surgeons 82nd Annual Meeting, San Diego CA. Instructional Course Lecture: How to Perform a Primary TKA: Ligament Balancing.
169. March 2017, American Academy of Orthopaedic Surgeons 82nd Annual Meeting, San Diego CA. Instructional Course Lecture: How to Perform a Primary TKA: Intraoperative Complications.
170. April 2017, International Congress of Joint Reconstruction 5th Annual Revision Hip and Knee Course, Rochester, MN. Periprosthetic Infection (THA): Diagnosis and Treatment Principles

171. April 2017, International Congress of Joint Reconstruction 5th Annual Revision Hip and Knee Course, Rochester, MN. Preoperative Planning in Revision TKA.
172. April, 2017. Lyon Hip Arthroplasty Congress, Lyon France. Use of Dual Mobility in North America: My Indications.
173. April 2017. Lyon Hip Arthroplasty Congress, Lyon France. Dual Mobility and Revision Surgery: US Experience and How I use it.
174. May 2017, International Congress of Joint Reconstruction 5th Annual RLO Spring Hip and Knee Course, Charleston SC. Alignment
175. May 2017, International Congress of Joint Reconstruction 5th Annual RLO Spring Hip and Knee Course, Charleston, SC. Psychosocial Factors Affecting Outcomes in TJA.
176. May 2017, International Congress of Joint Reconstruction 5th Annual RLO Spring Hip and Knee Course, Charleston, SC. The Burden of Periprosthetic Joint Infection.
177. May 2017, Current Concepts in Joint Replacement Spring Meeting, Las Vegas NV. The Cementless Total Knee: An Emergent Game Changer – Opposes.
178. May 2017, Current Concepts in Joint Replacement Spring Meeting, Las Vegas, NV. Ceramic Component Fractures: Getting Rarer, but When it Happens!
179. August 2017, Rocky Mountain Orthopaedic Resident Arthroplasty Course, Denver CO. Infection in total joint replacements.
180. August 2017, Rocky Mountain Orthopaedic Resident Arthroplasty Course, Denver CO. Complex primaries and revision hip/knee replacements.
181. September 2017, Sociedad Ecuatoriana de Ortopedia y Traumatologica Annual Meeting, Quito Ecuador. Surgical approaches in THA.

182. September 2017, Sociedad Ecuatoriana de Ortopedia y Traumatologica Annual Meeting, Quito Ecuador. Bearing choices in THA.
183. September 2017, Sociedad Ecuatoriana de Ortopedia y Traumatologica Annual Meeting, Quito Ecuador. Hip instability and the role of constrained implants.
184. September 2017, Sociedad Ecuatoriana de Ortopedia y Traumatologica Annual Meeting, Quito Ecuador. Avoiding leg length discrepancies in THA.
185. September 2017, Sociedad Ecuatoriana de Ortopedia y Traumatologica Annual Meeting, Quito Ecuador. How do I set femoral/tibial rotation and balance the valgus knee in TKA?
186. September 2017, Sociedad Ecuatoriana de Ortopedia y Traumatologica Annual Meeting, Quito Ecuador.
187. September 2017, Sociedad Ecuatoriana de Ortopedia y Traumatologica Annual Meeting, Quito Ecuador. Porous augments versus allografts in revision TKA.
188. September 2017, Sociedad Ecuatoriana de Ortopedia y Traumatologica Annual Meeting, Quito Ecuador. Deep venous thrombosis prophylaxis in TJA.
189. September 2017, Sociedad Ecuatoriana de Ortopedia y Traumatologica Annual Meeting, Quito Ecuador. The role of navigation and robotics in TJA.
190. September 2017, Fuzhou Arthroplasty Congress, Fuzhou China. What is new in Adult Reconstructive Knee Surgery.
191. September 2017, Fuzhou Arthroplasty Congress, Fuzhou China. How to perform a perfect TKA.
192. September 2017, Fuzhou Arthroplasty Congress, Fuzhou China. Diagnosis and treatment of periprosthetic joint infections: UPENN experience.
193. October 2017, ICJR East Combined 18th Annual ISK and European Knee Associates Conference, New York, NY. Techniques in Revision TKA: Management of Bone Loss.

194. October 2017, ICJR East Combined 18th Annual ISK and European Knee Associates Conference, New York, NY. Management of FemoroAcetabular Impingement (FAI).
195. October 2017, ICJR East Combined 18th Annual ISK and European Knee Associates Conference, New York, NY. The Kinematic TKA (Video Vignettes).
196. October 2017, ICJR East Combined 18th Annual ISK and European Knee Associates Conference, New York, NY. Patient Selection and Preoperative Education in TJA.
197. October 2017, ICJR East Combined 18th Annual ISK and European Knee Associates Conference, New York, NY. Mini-Posterolateral Approach: 5 Video Tips to Optimize Our Approach.
198. November 2017, American Association of Hip and Knee Surgeons Resident Course, Dallas TX. Periprosthetic fractures in THA.
199. November 2017, Chinese Orthopaedic Association 12th Annual Meeting, Zhuhai China. Does Approach Matter in THA?
200. November 2017, Chinese Orthopaedic Association 12th Annual Meeting, Zhuhai China. Fast Track TJA: Is Home the Same Day Too Fast?
201. November 2017, Chinese Orthopaedic Association 12th Annual Meeting, Zhuhai China. The Cementless TKA: Is it a Game Changer?
202. November 2017, Chinese Orthopaedic Association 12th Annual Meeting, Zhuhai China. Kinematic Alignment: Is it the New Way to Go?
203. November 2017, Chinese Orthopaedic Association 12th Annual Meeting, Zhuhai China. AO Reconstruction Symposium: Conversion TKR from Prior Peri-articular Fractures about the Knee.

204. December 2017, Current Concepts in Joint Replacements Winter Meeting, Orlando FL. Pain Management: Assuring a Happy Patient.
205. December 2017, Current Concepts in Joint Replacements Winter Meeting, Orlando FL. Wound Complications After TKA: A Knee is Not a Hip.
206. January 2018, International Congress of Joint Reconstruction 10th Annual Winter Hip and Knee Course, Vail CO. Outpatient Total Joints. A Big Mistake!
207. January 2018, International Congress of Joint Reconstruction 10th Annual Winter Hip and Knee Course, Vail, CO. Removal of the Infected TKR
208. January 2018, International Congress of Joint Reconstruction 10th Annual Winter Hip and Knee Course, Vail, CO. Risk Stratification for TJA- Can we safely predict who, why, when, and where?
209. January 2018, International Congress of Joint Reconstruction 10th Annual Winter Hip and Knee Course, Vail, CO. Recipes from my THA Cookbook.

Organizing Roles in Scientific Meetings:

2009-present. American Academy of Orthopaedic Surgeons –Hip Program Subcommittee.

2011-present. American Academy of Orthopaedic Surgeons –Hip, Knee, and Adult Reconstruction Evaluation Subcommittee.

2013. ICJR: Philadelphia Revision Course- Course Co-Chairman.

2015. ICJR-COA (Chongching, China): The Knee 2015 and Beyond- Course Co-Chairman.

2016. 4th Annual Rocky Mountain Resident Arthroplasty Course (Denver, CO):
Course Co-Chairman.

Bibliography:

Research Publications, peer reviewed :

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None

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 23. Hsu JE, Kinsella SD, Lee GC. Total knee arthroplasty in patients under forty: A cautionary tale. Presented at: American Academy of Orthopaedic Surgeons 77th Annual Meeting, San Diego, CA Feb 2011.
 24. Lee GC, Nelson CL, Lotke PA. Revision TKA using short cemented stems: Minimum 10 year follow up. Presented at: American Academy of Orthopaedic Surgeons 77th Annual Meeting, San Diego, CA Feb 2011.
 25. Lee GC, Steinberg ME. Are we evaluating osteonecrosis adequately? Presented at: The Girdlestone Orthopedic Society, Oxford England, June 2011.
 26. Sewick A, Makani A, Lee GC. Single versus dual antibiotic prophylaxis in total joint arthroplasty. Presented at: Musculoskeletal Infection Society, Rochester MN, Aug 2011 and American Academy of Orthopaedic Surgeons 78th Annual Meeting, San Francisco, CA Feb 2012.
 27. Kamath AF, Derman P, Lee GC. The efficacy of saline coupled bipolar sealants in infected total knee arthroplasty. Presented at: Musculoskeletal Infection Society, Rochester MN, Aug 2011 and Eastern Orthopaedic Association 42nd Annual Meeting, Williamsburg VA, Oct 2011.

28. Kamath AF, Lee GC. Efficacy and cost analysis of saline coupled bipolar sealing in revision THA for infection. Presented at: International Society for Technology in Arthroplasty (ISTA), Bruges Belgium, Sep 2011.
29. Kim TW, Makani A, Lee GC. Patient reported activity levels following successful treatment of infected TKA. Presented at: Musculoskeletal Infection Society, Rochester MN, Aug 2011; American Association of Hip and Knee Surgeons, Dallas TX, Nov 2011, and American Academy of Orthopaedic Surgeons 78th Annual Meeting, San Francisco, CA, Feb 2012.
30. Hsu JE, Liu S, Lee GC. Can we trust published results by authors with financial conflicts? Using the decline of metal on metal total hip arthroplasty to investigate. Presented at: American Association of Hip and Knee Surgeons, Dallas TX, Nov 2011, and American Academy of Orthopaedic Surgeons 78th Annual Meeting, San Francisco, CA Feb 2012.
31. Voleti PB, Baldwin KD, Lee GC. Metal on metal versus conventional total hip arthroplasty. A systematic review and meta-analysis of randomized controlled trials. Presented at: American Association of Hip and Knee Surgeons, Dallas TX, Nov 2011.
32. Voleti PB, Donegan D, Baldwin KD, Lee GC. Level of Evidence: Does it change rate of publication and time to publication of AAOS presentations? Presented at: American Academy of Orthopaedic Surgeons 78th Annual Meeting, San Francisco, CA Feb 2012.
33. Daines BK, Kim RH, Arbour S, Lee GC, Dennis DA. Arthroscopic treatment of patellar crepitus in TKA. Presented at: International Congress of Joint Replacement in conjunction with Orthopedics Today, San Diego, CA Apr 2012.
34. Voleti PB, Baldwin KD, Lee GC. Superior outcomes with articulating spacers versus static spacers for infected total knee arthroplasty: A systematic review and meta-analysis. Musculoskeletal Infection Society, San Antonio TX, Jul 2012.
35. Voleti PB, Stephenson J, Lotke PA, Lee GC. Plain radiographs significantly underestimates posterior condylar offset of the knee: An MRI comparative study. Presented at: Knee Society Interim Meeting, Garden City, NY Sep 2012.
36. Lee GC, Kim RH, Lenz NA, Garino JP. Contributions of femoral, tibial, and patellar malposition to patellar tracking in TKA. Accepted at: American Association of Hip and Knee Surgeons, Dallas TX, Nov 2012, and American Academy of Orthopaedic Surgeons 79th Annual Meeting, Chicago IL, Mar 2013.
37. Lee GC, Garino JP, Lenz NA. The effects of asymmetric patellar resurfacing and overstuffing on the extensor mechanism in TKA. Presented at: American Academy of Orthopaedic Surgeons 79th Annual Meeting, Chicago IL, Mar 2013.

38. Hsu JE, Liu SY, Whibey TA, Lee GC. Implant problems and recalls approved through the 510K process: Analysis of the online FDA database. Presented at: American Academy of Orthopaedic Surgeons 79th Annual Meeting, Chicago IL, Mar 2013.
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40. Murphy JE, Courtney PM, Lee GC. Restoration of sagittal anatomy using a multi-radius TKA design. Presented at: International Society for Technology in Arthroplasty (ISTA) Annual Congress, Palm Beach, FL, Oct 2013.
41. Kim RH, Dennis DA, Lee GC. Early clinical results of mobile bearing revision TKA: A multicenter study. Presented at: 2013 Members Meeting of the Knee Society, Toronto, Ontario, Sep 2013; American Association of Hip and Knee Surgeons 23rd Annual Meeting, Dallas, TX, Nov 2013.
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43. Voleti PB, Hamula M, Baldwin KD, Lee GC. Current data does not support routine use of patient specific instrumentation in total knee arthroplasty. Presented at: American Association of Hip and Knee Surgeons 23rd Annual Meeting, Dallas, TX, Nov 2013.
44. Courtney PM, Whitaker C, Gutsche J, Hume EL, Lee GC. Who belongs in the unit? Predictors of the need for critical care after total joint arthroplasty. Presented at: American Academy of Orthopedic Surgeons 80th Annual Meeting, New Orleans, LA, Mar 2014.
45. Voleti PB, Stephenson J, Lotke PA, Lee GC. No gender differences exist in the posterior condylar offset of the femur. Presented at: American Academy of Orthopedic Surgeons 80th Annual Meeting, New Orleans, LA, Mar 2014.
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- Charleston SC Aug 2014. Accepted at: American Academy of Orthopaedic Surgeons 81st Annual Meeting, Las Vegas NV Mar 2015.
47. Lee GC. Reliability of modern alumina implants in THA. Presented at: Southern Orthopaedic Association Annual Meeting, Beaver Creek, CO, Jul 2014; Western Orthopaedic Association Annual Meeting, Kona, HI, August 2014; Eastern Orthopaedic Association Annual Meeting, Amelia Island, FL, Oct 2014.
 48. Saxena V, Anari J, Voleti PB, Stephenson J, Lee GC. Bicruciate TKA. Can normal anatomy be reproduced? Presented at: Knee Society Members Meeting, Charlotte, NC, Oct 2014.
 49. Lee GC, Kim RH. Reliability of ceramic heads in over 5.7 million hip replacements. Presented at: American Association of Hip and Knee Surgeons 24th Annual Meeting, Dallas, TX Nov 2014. Accepted at: American Academy of Orthopaedic Surgeons 81st Annual Meeting, Las Vegas, NV, Mar 2015; Orthopaedic Research Society Annual Meeting, Las Vegas NV, Mar 2015.
 50. Marconi D, Lee GC. Complications following direct anterior THA: Costs to both patients and surgeons. Presented at: American Association of Hip and Knee Surgeons 24th Annual Meeting, Dallas TX Nov, 2014. Accepted at: American Academy of Orthopaedic Surgeons 81st Annual Meeting, Las Vegas, NV Mar 2015.
 51. Courtney PM, Rozell JC, Melnic CM, Lee GC. Who should not undergo short stay hip and knee arthroplasty? Risk factors associated with major medical complications following primary total joint arthroplasty. Presented at: American Association of Hip and Knee Surgeons 24th Annual Meeting, Dallas TX Nov 2014. Accepted at: American Academy of Orthopaedic Surgeons 81st Annual Meeting, Las Vegas, NV Mar 2015.
 52. MacDonald DW, Clarkin-Wright G, Parvizi J, Lee GC, Klein GR, Rinnac CM, Gilbert JL, Kurtz S. Titanium alloy sleeves do not prevent fretting corrosion in modular THA. Presented at: American Association of Hip and Knee Surgeons 24th Annual Meeting, Dallas TX Nov 2014. Accepted at: Orthopedic Research Society Annual Meeting, Las Vegas, NV Mar 2015.
 53. So DH, Andah G, Hardcastle JM, Lee GC. Factors Contributing to Failed 2 Stage Reimplantation Procedures of Infected TKA. Presented at: Musculoskeletal Infection Society Annual Meeting, Cleveland OH, Aug 2015 and American Academy of Orthopaedic Surgeons 82nd Annual Meeting, Orlando FL, Mar 2016.
 54. Hardcastle JM, So DH, Lee GC. The Fate of Revision TKA with Preoperative Abnormalities in Either Sedimentation Rate or C-reactive protein. Presented at: Musculoskeletal Infection Society Annual Meeting, Cleveland OH, Aug 2015;

- Knee Society Members Meeting, San Francisco CA, Sep 2015; American Association of Hip And Knee Surgeons 25th Annual Meeting, Dallas TX, Nov 2015; and American Academy of Orthopaedic Surgeons 82nd Annual Meeting, Orlando FL, Mar 2016.
55. Rozell JC, Courtney PM, Dattilo JR, Wu CH, Lee GC. Should All Patients Be Included in Alternative Payment Models for Primary Total Hip Arthroplasty and Total Knee Arthroplasty? Presented at: American Association of Hip and Knee Surgeons 25th Annual Meeting, Dallas TX Nov 2015; American Academy of Orthopaedic Surgeons 82nd Annual Meeting, Orlando FL Mar 2016.
 56. Malkani A, Ong KL, Baykal D, Lau E, Mackin T, Lee GC. Primary Total Hip Arthroplasty in the Octogenarian Population. Presented at: American Association of Hip and Knee Surgeons 25th Annual Meeting, Dallas TX Nov 2015.
 57. Lee GC, Ong KL, Baykal D, Lau E, Malkani A. The Effect of Prior Bariatric Surgery on Total Hip/Total Knee Arthroplasty Outcomes. Presented at: American Academy of Orthopaedic Surgeons 82nd Annual Meeting, Orlando FL, Mar 2016.
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 59. Lee GC, Ong KL, Baykal D, Lau E, Malkani A. Discharge Trends in Medicare Patients Undergoing Primary Total Hip and Total Knee Arthroplasties. Presented at: American Academy of Orthopaedic Surgeons 82nd Annual Meeting, Orlando FL, Mar 2016.
 60. Rozell JC, Courtney PM, Dattilo JR, Wu CH, Lee GC. Late Complications Following Elective Primary THA and TKA: Who, When, and How? Presented at: American Academy of Orthopaedic Surgeons 82nd Annual Meeting, Orlando FL, Mar 2016.
 61. Gandhi R, Silverman E, Courtney PM, Lee GC. How Many Cultures Are Necessary to Identify Pathogens in the Management of Total Hip and Knee Arthroplasty Infections? Presented at: Musculoskeletal Infection Society Annual Meeting, Charlotte NC, Aug 2016.
 62. Lee GC, Kim RH. Ceramic on Ceramic delta bearings THA: a reliable and safe bearing? Clinical and registry evidence. Presented at: International Society for Technology in Arthroplasty Annual Meeting, Boston MA Sept 2016.
 63. Scholl D, Alipit V, Kirk A, Schmidig G, Lee GC. Are Long Stems Necessary for Fixation in Revision TKA? Micromotion Analysis of Various Tibial Constructs.

- Presented at: Knee Society Members Meeting, Paris France, Sept 2016 and American Academy of Orthopaedic Surgeons 83rd Annual Meeting, San Diego CA, Mar 2017.
64. Dattilo J, Gittings D, Sloan M, Charette R, Hume E, Lee GC. "Hot Joints" Infection Protocol Reduces Unnecessary Postoperative Readmissions Following Total Hip and Knee Arthroplasty. Presented at: American Academy of Orthopaedic Surgeons 83rd Annual Meeting, San Diego CA, Mar 2017, The American Orthopaedic Association Annual Meeting, Charlotte NC, June 2017.
 65. Courtney PM, Boniello AJ, Della Valle CJ, Lee GC. Risk adjustment is necessary in value based outcome models for infected total knee arthroplasty. Presented at: Musculoskeletal Infection Society Annual Meeting, Boston MA, Aug 2017; Knee Society Members Meeting, Columbus OH, Sept 2017; American Association of Hip and Knee Surgeons 27th Annual Meeting, Dallas TX, Nov 2017.
 66. Bernstein J, Charette R, Sloan M, Lee GC. The Effect of Prior Spinal Fusion on Pelvic Mobility and Acetabular Orientation. Presented at: The Hip Society Members Meeting, Omaha NE, Oct 2017.
 67. Courtney PM, Froimson MI, Meneghini RM, Lee GC, Della Valle CJ. Can Total Knee Arthroplasty Be Performed Safely as an Outpatient in the Medicare Population? Presented at: The American Association of Hip and Knee Surgeons 27th Annual Meeting, Dallas TX, Nov 2017; The American Academy of Orthopaedic Surgeons 84th Annual Meeting, New Orleans LA, March 2018.
 68. Courtney PM, Froimson MI, Meneghini RM, Lee GC, Della Valle CJ. Should Medicare Remove Total Knee Arthroplasty from Its Inpatient Only List? A Total Knee Arthroplasty Is Not a Partial Knee Arthroplasty. Presented at: The American Association of Hip and Knee Surgeons 27th Annual Meeting, Dallas TX, Nov 2017; The American Academy of Orthopaedic Surgeons 84th Annual Meeting, New Orleans LA, March 2018.

Editorials, Reviews, Chapters, including participation in committee reports:

1. Lee GC and Kelly MA: Isolated Patellofemoral Arthritis Without Malalignment: in Fulkerson JP (ed) Common Patellofemoral Problems. American Academy of Orthopedic Surgeons 2005, pp. 73-85.
2. Lee GC. Revision TKA with Femoral Bone Loss: Augments: in Parvizi J and Rothman R (eds) Operative Techniques in Orthopaedic Surgery. Lippincott Williams & Wilkins, Philadelphia 2009

3. Vannozzi B, Lee GC, Garino JP. Revision TKA with Tibial Bone Loss: in Parvizi J and Rothman R (eds). *Operative Techniques in Orthopaedic Surgery*. Lippincott Williams & Wilkins, Philadelphia 2009.
4. Lee GC and Johanson NA. Stiffness in Total Knee Arthroplasty: in Saleh K (ed). *Arthritis and Arthroplasty*. Elsevier, Philadelphia 2009.
5. Boselli K, Lee GC, Garino JP. Patellofemoral Maltracking: in Saleh K (ed). *Arthritis and Arthroplasty*. Elsevier, Philadelphia 2009.
6. Scolaro J, Lee GC. Tibial Plateau Fractures in the Elderly: in Pignolo R, Keenan MA, and Hebela N (eds). *Fractures in the Elderly*. Humana Press, Springer, New York, 2010.
7. Lee GC. Classification of Bone Loss: UPENN Classification: in Parvizi J (ed). *Knee Reconstruction, Replacement, and Revision*. DataTace Publishing, Maryland, 2011.
8. Lee GC, Kim RH. Intraoperative Tests to Aid Diagnosis of PJI: in Parvizi J and Springer BD (eds). *Periprosthetic Joint Infections*. Springer, New York 2012.
9. Lee GC, Murphy JE. What's new in revision total joint arthroplasty: in Austin M and Klein G (eds). *World Clinics in Orthopaedics*. JP Medical Publishers, Philadelphia 2013.
10. Lee GC. Extensively Coated Cementless Femoral Components: in Cashman J, Goyal N, Parvizi J (eds): *The Hip: Preservation, Replacement and Revision*. DataTrace Publishing Company, Brooklandville, MD 2015.

Books:

None

Alternative Media:

None

Patents:

None

Grants:

- a. "Engineering Developmental Microenvironments: Cartilage formation and maturation." Funding: NIH RO1 (associate investigator)
- b. "Acoustic Phenomena and Transfer Functions across the Hip Joint following Ceramic on Ceramic Total Hip Arthroplasty: Comparison of

Subjects with Audible versus Non-Audible Noise Production during Ambulation.” Funding: Ceramtec (principal investigator).

- c. “Performance of the Implex Hedrocel Ceramic Bearing Total Hip Replacement System in Primary Total Hip Arthroplasty.” Funding: Zimmer (principal investigator).
- d. “Trilogy AB Acetabular Hip System Post Market Study.” Funding: Zimmer (principal investigator).
- e. “Behavioral & Social Science Research on Understanding and Reducing Health Disparities in TKA.” Funding: NIH RO1 (associate investigator).
- f. “Mechanics and Performance of Traceable Hip Implants.” Funding: NIH RO1 (co-investigator).
- g. “Long Term Outcomes of Ceramic on Ceramic THA.” Funding: Smith and Nephew (principal investigator).

