



Mark Seeley
100 N. Academy Ave.
Danville, PA 17822

EDUCATION & HONORS

Children's Hospital of Philadelphia , Philadelphia, PA Clinical Pediatric Orthopaedic Surgery Fellow	08/2014-07/2015
University of Michigan , Ann Arbor, MI Orthopaedic House Officer Resident Director for Clinical Skills Development	07/2009-07/2014 01/2013-07/2014
Jefferson Medical College , Philadelphia, PA Doctor of Medicine Alpha Omega Alpha, Honor Medical Society Hobart Amory Hare Honor Society Hess Scholarship Shoemaker Scholarship	08/2005-06/2009 2009
University of Rochester , Rochester, NY Bachelor of Science in Neuroscience Cum Laude, Cumulative GPA: 3.55/4.0 Fourth in the Nation for Men's DIII College Basketball	08/2001-05/2005 2002
Troy Community High School , Troy, PA National Honor Society	09/1998-06/2001

EXAMINATIONS

USMLE Step 1, passed	06/25/2007
USMLE Step 2 CS, passed	10/15/2008
USMLE Step 2 CK, passed	11/15/2008
USMLE Step 3, passed	12/2009
ABOS Part 1, passed	09/2014

MEDICAL LICENSURE:

Licensing Board/State

Michigan State Training Medical License	2009-2014
Unrestricted Pennsylvania Medical License	2014-Current
Unrestricted New Jersey Medical License	2014-2015

ACADEMIC AND ADMINISTRATIVE APPOINTMENTS

Academic

Associate, Department of Orthopaedic Surgery Geisinger Medical Center, Danville PA	07/2015-Present
Adjunct Clinical Assistant Professor, Lewis Katz School of Medicine Temple University, Philadelphia PA 19140	12/2015-Present
Adjunct Clinical Assistant Professor Philadelphia College of Osteopathic Medicine12, Philadelphia PA 19140	02/2015-Present

Administrative

Associate Program Director , Orthopaedic Surgery Geisinger Medical Center, Danville PA	06/2017-Present
Orthopaedic Course Master , Pediatric Residency Curriculum Geisinger Medical Center, Danville PA	06/2017-Present

Committees

POSNA Fellowship Match Grievance Ad Hoc Committee <i>Membership Representative</i>	2017-2020
Pediatric Resident Education, Geisinger Medical Center <i>Orthopaedic Liason</i>	2017-Current

JOURNAL REVIEWER

1. Journal of Pediatric Orthopaedics	2015-Present
2. Journal of Knee Surgery	2017-Present
3. European Journal of Orthopaedic Surgery and Traumatology	2015-Present

EXTRAMURAL PRESENTATIONS (*denotes presenter)

1. *Zhang H, Fanelli M, Adams C, Graham J, **Seeley M**. The emerging trend of non-operative treatment in paediatric type I open forearm fractures. Eastern Orthopaedic Association Annual Meeting, Miami Beach Florida, October 18-21 2017.
2. **Seeley MA**. The Good, The Bad, and The Ugly. Pediatric Update, Northeastern Pennsylvania Pediatric Annual Conference, April 2017
3. **Seeley MA**. The Nuts and Bolts of Pediatric Fracture. Lock Haven Community Hospital, Surgical Grand Rounds, October 2016

4. **Seeley MA.** The Nuts and Bolts of Pediatric Fracture. Janet Weiss Children's Hospital, Department of Pediatrics, Grand Rounds, August 2016
5. **Seeley MA.** Advice from a former new guy: 1st Year in Pediatric Orthopaedic Practice. Children's Hospital of Philadelphia, Department of Orthopaedic Surgery, Fellowship Graduation, June 2016
6. **Seeley MA.** Pediatric Orthopaedic Trauma. Seven Mountains Emergency Medical Services Annual Conference, March 2016
7. **Seeley MA, *Fabricant PD, Lawrence JT.** Teaching the Basics: Development and Validation of a Distal Radius Reduction & Casting Model. *American Academy of Pediatrics Annual Meeting Podium Presentation*, San Francisco, CA 10/21/2016-10/25/2016
8. ***Fabricant PD, Seeley MA, Rozell JC, Fieldston E, Wells LM, Flynn JM, Ganley TJ.** Cost Savings from Utilization of a Pediatric Ambulatory Surgery Center for Orthopaedic Day Surgery. *Pediatric Orthopaedic Society of North America*, Indianapolis IN, 2016
9. ***Fabricant PD, Seeley MA, Rozell JC, Fieldston E, Wells LM, Flynn JM, Ganley TJ.** Cost Savings from Utilization of a Pediatric Ambulatory Surgery Center for Orthopaedic Day Surgery. *PRISM*, 2016
10. ***Fabricant PD, Seeley MA, Rozell JC, Fieldston E, Wells LM, Flynn JM, Ganley TJ.** Cost Savings from Utilization of a Pediatric Ambulatory Surgery Center for Orthopaedic Day Surgery. *AAOS*, 2016
11. ***Seeley MA, Fabricant PD, Lawrence JT.** The Lost Art of Fracture Reduction: Development and Validation of a Distal Radius Fracture Reduction and Casting Model. *Pediatric Orthopaedic Society of North America*, Indianapolis IN, 2016
12. ***Gornitzky AL, Georgiadis AG, Seeley MA, Sankar WN.** Can post-closed reduction perfusion magnetic resonance imaging reduce the incidence of avascular necrosis in developmental dysplasia of the hip? *American Academy of Pediatrics Annual Meeting, Podium Presentation*, Orlando, FL, 2015.
13. **Cruz AC*, Fabricant PD, Seeley MA, Ganley T, Lawrence T.** The Effect of Tension and Circumferential Compression on ACL Graft Size. *American Academy of Orthopaedic Surgery Annual Meeting*, 2015.
14. **Cruz AC*, Fabricant PD, Seeley MA, Ganley T, Lawrence T.** The Effect of Tension and Circumferential Compression on ACL Graft Size. *Arthroscopy Association of North America*, 2015.
15. ***Fabricant PD, Seeley MA, Rozell JC, Fieldston E, Wells LM, Flynn JM, Ganley TJ.** Cost Savings from Utilization of a Pediatric Ambulatory Surgery Center for Orthopaedic Day Surgery. *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando FL, 2016

16. *Yellin J, Georgiadis AG, **Seeley MA**, Sankar WN. The presentation and progression of Perthes Disease in Females. *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando FL, 2016
17. *Fabricant PD, **Seeley MA**, Zaltz I, Sankar WN. Hip range of motion in patients with symptomatic acetabular dysplasia. *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando FL, 2016
18. Georgiadis AG, **Seeley MA**, *Sankar WN. Incidental Labral Pathology in Asymptomatic Pediatric Patients. *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando FL, 2016
19. *Cruz AC, **Seeley MA**, Baldwin K. Pediatric Hip Lyme Disease: The Great Masquerader. *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando FL, 2016
20. ***Seeley MA**, Fabricant PD, Lawrence JT. The Lost Art of Fracture Reduction: Development and Validation of a Distal Radius Fracture Reduction and Casting Model. *American Academy of Orthopaedic Surgeons Annual Meeting*, Orlando FL, 2016
21. *Schroeder N, Hariharan A, **Seeley MA**, Caird MS, Farley FA, Li Y. Are perioperative antibiotics necessary with closed reduction and percutaneous pinning of a pediatric supracondylar humeral fracture? *Michigan Orthopaedic Society Scientific Meeting*, Podium Presentation, Mackinac Island, Michigan, 6/5/2015
22. **Seeley M***, Kazarian E, King B, Caird MS, Biermann JS, Carpenter JE, Irwin TA. See one, do one, teach one. *Michigan Orthopaedic Society Scientific meeting*, MOS, Podium Presentation, Mackinac Island, Michigan
23. **Seeley M***, Srinivasan RC, Gagnier J, Hensinger RN, Vanderhave KL, Farley FA, Caird MS. The bigger they are the harder they fall: Obesity and its effects on Pediatric Supracondylar Humerus fractures. *Orthopaedic Research and Education Foundation Midwest Resident Research Symposium*, Chicago, IL, 5/2/2014
24. **Seeley M***, Kazarian E, King B, Caird MS, Biermann JS, Carpenter JE, Irwin TA. See one, do one, teach one. 17th Annual *Frederick J. Fischer Memorial Lectureship*, Ann Arbor, Michigan, 4/28/2013
25. Cowan J, **Seeley M**, Irwin TA, Rooney D, Caird MS*. Computer-Simulated Arthroscopic Knee Surgery: Effects of Distraction. *Pediatric Orthopaedic Society of North America, Annual Meeting*, Hollywood CA, April 30th-May 3rd, 2014
26. **Seeley M**, Caird MS, Cowan J*, Schreier S, Farley FA, Li Y. Open or Closed: Intra- and Interobserver radiographic evaluation of the distal femoral and proximal tibial physes in pediatric patients. *American Academy of Pediatrics National Conference and Exhibition*, Orlando, FL, October 26-29, 2013.

27. Cowan J, **Seeley M**, Irwin TA, Rooney D, Caird MS*. Computer-Simulated Arthroscopic Knee Surgery: Effects of Distraction. *University of Michigan, Department of Orthopaedic Surgery Badgley Day*, October 18, 2013.
28. Knesek M, **Seeley M**, Patel R, Graziano G. Obesity and Wound Drainage: Are Incisional Vacuum-Assisted Closure Devices the answer? A new technique for closure. Poster Presentation. *American Academy of Orthopaedic Surgery Annual Meeting*, Podium Presentation, New Orleans, Louisiana March 12-14, 2013.
29. Cowan J, **Seeley M**, Irwin TA, Rooney D, Caird MS*. Computer-Simulated Arthroscopic Knee Surgery: Effects of Distraction. *American Academy of Orthopaedic Surgery Annual Meeting*, Podium Presentation, New Orleans, Louisiana March 12-14, 2013.
30. **Seeley M**, Srinivasan RC, Gagnier J, Hensinger RN, Vanderhave KL, Farley FA, Caird MS.*, The bigger they are the harder they fall: Obesity and its effects on Pediatric Supracondylar Humerus fractures. *Frederick J. Fischer Memorial Lectureship*, Ann Arbor, Michigan, 3/18/2013
31. Li Y*, Heyworth BE, Glotzbecker M, **Seeley M**, Suppan CA, Gagnier J, VanderHave KL, Caird MS, Farley FA, Hedequist D. Comparison of titanium elastic nail and plate fixation of pediatric subtrochanteric femur fractures. *Frederick J. Fischer Memorial Lectureship*, Ann Arbor, Michigan, 3/18/2013
32. **Seeley M**, Srinivasan RC, Gagnier J, Hensinger RN, Vanderhave KL, Farley FA, Caird MS.*, The bigger they are the harder they fall: Obesity and its effects on Pediatric Supracondylar Humerus fractures. *Pediatric Society of North America, POSNA*, Podium Presentation, Denver Colorado, 5/16/2012
33. **Seeley M**, Knesek M, Vanderhave KL*. Osteochondral injury after acute patellar dislocation in a pediatric population. *Pediatric Society of North America, POSNA*, Podium Presentation, Denver Colorado, 5/16/2012
34. **Seeley M***, Knesek M, Vanderhave KL. Osteochondral injury after acute patellar dislocation in a pediatric population. *Michigan Orthopaedic Society Scientific Meeting, MOS*, Podium Presentation, Mackinac Island, Michigan, June 24-26 2012
35. **Seeley M**, Knesek M*, Vanderhave KL. Osteochondral injury after acute patellar dislocation in a pediatric population. *American Academy of Pediatrics, AAP*, Podium Presentation, New Orleans, Louisiana, October 20-21 2012
36. **Seeley M***, Caird MS, Craig CL. Effectiveness of Cascade DAFO in Maintaining Clubfoot Correction. *University of Michigan Orthotics and Prosthetics Department Centennial Celebration Educational Seminar*, Ann Arbor, Michigan, Oct 19-20 2012.

37. **Seeley M**, Bowman K*, Walsh C, Sabb B, Vanderhave K. Magnetic Resonance Imaging of Acute Patellar Dislocation in Children: Patterns of Injury and Risk Factors for Recurrence. *Michigan Orthopaedic Society Scientific Meeting, MOS*, Podium Presentation, Mackinac Island, Michigan, June 24-26 2011
38. **Seeley M**, Bowman K*, Walsh C, Sabb B, Vanderhave K. Magnetic Resonance Imaging of Acute Patellar Dislocation in Children: Patterns of Injury and Risk Factors for Recurrence. *OREF/ORS Upper Midwest Regional Resident Research Symposium*, Ann Arbor, Michigan, October 19, 2010
39. Ghanem E, **Seeley M**, Joshi A, Jaber F, Austin M, Purtill JJ*, Parvizi J. Periprosthetic Infection: Does Irrigation and Debridement Work? *American Academy of Orthopaedic Surgeons AAOS*, San Francisco, California, March 5 - 9 2008.
40. Ghanem E, Jaber F, **Seeley M**, Austin M, Sharkey PF, Hozack WJ, Parvizi J*. Periprosthetic Infection: Does Irrigation and Debridement Work? *European Bone and Joint Infection Society EBJIS*. Corfu, Greece, September 20-22 2007.
41. Ghanem E, Fereidoon J, **Seeley M**, Austin M, Purtill JJ, Parvizi J*. Periprosthetic Infection: Does Irrigation and Debridement Work? *Eastern Orthopaedic Association EOA and Southern Orthopaedic Association SOA Combined meeting*, Victoria, British Columbia, Canada. August 1-4 2007.

EXHIBITS

1. **Seeley MA**, Fabricant PD, Lawrence JT. The Lost Art of Fracture Reduction: Development and Validation of a Distal Radius Fracture Reduction and Casting Model. *International Pediatric Orthopaedic Society*, Orlando FL, 2016
2. Cruz AC, Fabricant PD, Seeley MA, Ganley T, Lawrence T. The Effect of Tension and Circumferential Compression on ACL Graft Size. *American Academy of Orthopaedic Surgery Annual Meeting*, 2015.
3. Fabricant PD, **Seeley MA**, Anari JB, Spiegel DA, Franklin C, Flynn JM, Baldwin K. Epidemiology of Supracondylar Humerus Fractures in the United States 1997-2009. *Orthopaedic Trauma Association, 31st Annual Meeting*, San Diego, California, Oct 7-10th, 2015.
4. Fabricant PD, **Seeley MA**, Anari JB, Spiegel DA, Franklin C, Flynn JM, Baldwin K. Medial Epicondyle Fractures in Children and Adolescent-A Decreasing Comfort Among Community Hospital in Treating? *Orthopaedic Trauma Association, 31st Annual Meeting*, San Diego, California, Oct 7-10th, 2015.
5. **Seeley M**, Caird MS, Cowan J*, Schreier S, Farley FA, Li Y. Open or Closed: Intra- and Interobserver radiographic evaluation of the distal femoral and proximal tibial physes in

pediatric patients. *International Pediatric Orthopaedic Society Annual Meeting*, Orlando, FL, December 4th-7th, 2013

6. **Seeley M**, Caird MS, Cowan J, Schreier S, Farley FA, Li Y. Open or Closed: Intra- and Interobserver radiographic evaluation of the distal femoral and proximal tibial physes in pediatric patients. *Michigan Orthopaedic Society Scientific Meeting, MOS*, Mackinac Island, Michigan, June 21-23 2013.
7. Cowan J, **Seeley M**, Irwin TA, Rooney D, Caird MS. Computer-Simulated Arthroscopic Knee Surgery: Effects of Distraction. *Michigan Orthopaedic Society Scientific Meeting, MOS*, Mackinac Island, Michigan, June 21-23 2013
8. Walsh M, Irwin T, **Seeley M**, Kadakia A. Ankle Arthrodesis Using a Single Locking Plate Through an Anterior Approach: a Retrospective Study. *American Orthopaedic Foot and Ankle Society Annual Meeting*, Hollywood, Florida, Jul 17-20 2013
9. Li Y, Heyworth BE, Glotzbecker M, **Seeley M**, Suppan CA, Gagnier J, VanderHave KL, Caird MS, Farley FA, Hedequist D. Comparison of titanium elastic nail and plate fixation of pediatric subtrochanteric femur fractures. *American Academy of Orthopaedic Surgery Annual Meeting*, Chicago, Illinois, Mar 19-23, 2013
10. Knesek M, **Seeley M**, Patel R, Graziano G. Obesity and Wound Drainage: Are Incisional Vacuum-Assisted Closure Devices the answer? A new technique for closure. Poster Presentation. *NASS: Eighth Annual Evidence and Technology Spine Summit*, Feb 22-25, 2012, The Canyons, Park City, UT
11. **Seeley M**, Bowman K, Walsh C, Sabb B, Vanderhave K. Magnetic Resonance Imaging of Acute Patellar Dislocation in Children: Patterns of Injury and Risk Factors for Recurrence. *Pediatric Society of North America, POSNA*, Poster Presentation, Montreal, Quebec, Canada, May 11-14 2011
12. **Seeley M**, Caird MS, Craig CL. Effectiveness of Cascade DAFO in Maintaining Clubfoot Correction. *University of Michigan Orthotics and Prosthetics Department Centennial Celebration Educational Seminar*, Ann Arbor, Michigan, Oct 19-20 2012.

AWARDS

1. **BGRI Grant**; Kinematic Characterization of Patients with Adolescent Idiopathic Scoliosis, 2017-2018. Award: \$19,000.
2. **Best Manuscript Award**; OREF/ORS Upper Midwest Regional Resident Research Symposium. Ann Arbor, Michigan, October 19, 2010. Seeley M, Bowman K, Walsh C, Sabb B, Vanderhave K. Magnetic Resonance Imaging of Acute Patellar Dislocation in Children: Patterns of Injury and Risk Factors for Recurrence.

3. **3rd Place Resident Paper**; *Michigan Orthopaedic Society Scientific Meeting, MOS*, Mackinac Island, Michigan, June 24-26 2012. Seeley M, Knesek M, Vanderhave KL. Osteochondral injury after acute patellar dislocation in a pediatric population.
4. **OREF Resident Research Project Grant, 2013-2014**. Seeley M, Caird MS, Vanderhave KL, Farley FA, Hensinger RN, Li Y. Incisional vacuum-assisted closure therapy after posterior spinal fusion for pediatric neuromuscular scoliosis.
5. **2016 Promising Career Award**, Pediatric Research in Sports Medicine (PRISM) Society. For: "Cost Savings from Utilization of an Ambulatory Surgery Center for Orthopaedic Day Surgery"
6. **2015 Stanley Chung Award for Excellence in Research**, Children's Hospital of Philadelphia. For: "Cost Savings from Utilization of an Ambulatory Surgery Center for Orthopaedic Day Surgery"

PUBLICATIONS

1. Zhang H, Fanelli M, Adams C, Graham J, **Seeley M**. The emerging trend of non-operative treatment in paediatric type I open forearm fractures. *Journal of Children's Orthopaedics*. 2017; 11. DOI 10.1302/1863-2548.11.170027.
2. **Seeley MA**, Fabricant PD, Lawrence JT. Teaching the Basics: Development and Validation of a Distal Radius Reduction and Casting Model. *Clinical Orthopaedics and Related Research*, March 2017. Epub. DOI 10.1007/s11999-017-5336-3
3. **Seeley MA**, Georgiadis AG, Sankar WN. Hip Vascularity: A Review of the Anatomy and Clinical Implications. *JAAOS*, 2016; 24: 515-526.
4. Fabricant PD, Sankar WN, **Seeley MA**, Beaulé PE, Clohisy JC, Kim YJ, Millis MB, Peters CL, Podeszwa DA, Schoenecker PL, Sierra RJ, Sink EL, Sucato DJ, Zaltz I. Femoral Deformity May Be More Predictive of Hip Range of Motion Than Severity of Acetabular Disease in Patients with Acetabular Dysplasia: An Analysis of the ANCHOR Cohort. *JAAOS*, July 2016, Vol 24, No 7.
5. Fabricant PD, **Seeley MA**, Rozell JC, Fieldston E, Wells LM, Flynn JM, Ganley TJ. Cost Savings from Utilization of a Pediatric Ambulatory Surgery Center for Orthopaedic Day Surgery. *JAAOS*, *accepted*.
6. Georgiadis AG, Seeley MA, Yellin SL, Sankar WN. The presentation of Legg-Calve-Perthes disease in females. *J Child Orthop*. 2015 Aug;9(4):243-7.
7. Cruz AC, Fabricant PD, **Seeley MA**, Ganley T, Lawrence T. Change in Size of Hamstring Grafts During Preparation for ACL Reconstruction: Effect of Tension and Circumferential Compression on Graft Diameter. *J Bone Joint Surg Am*. Mar 16; 98(6): 484-9

8. Georgiadis AG, **Seeley MA**, Sankar WN. Prevalence of acetabular labral tears in asymptomatic children. *J Child Orthop*. 2016 Apr;10(2): 149-54.
9. Schroeder N, Hariharan A, **Seeley MA**, Caird MS, Farley FA, Li Y. Are perioperative antibiotics necessary with closed reduction and percutaneous pinning of a pediatric supracondylar humeral fracture? *Journal of Pediatric Orthopaedics*. 2015, Nov 10.
10. Cruz AC, **Seeley MA**, Baldwin K. Pediatric Hip Lyme Disease: The Great Masquerader. *Journal of Pediatric Orthopaedics*, 2015 Oct 13.
11. Fabricant PD, **Seeley MA**, Anari JB, Ganley TJ, Flynn JM, Baldwin KD. Medial Epicondyle Fractures in Children and Adolescents: Shifting Care from General Hospitals to Children's Hospitals? *J Pediatr*. 2015. [In Press].
12. **Seeley MA**, Georgiadis AG, Fabricant PD, Cruz AC. Teamwork. *Children's Doctor*, December 2015.
13. Cowan J, **Seeley M**, Irwin TA, Rooney D, Caird MS. Computer-Simulated Arthroscopic Knee Surgery: Effects of Distraction. *Orthopaedics*, 2015.
14. **Seeley MA**, Kazarian E, King B, Caird MS, Biermann JS, Carpenter JE, Irwin TA. Core Concepts: Orthopaedic Intern Boot Camp. *Orthopaedics*, 2015.
15. Gornitzky AL, Georgiadis AG, **Seeley MA**, Sankar WN. Can post-closed reduction perfusion magnetic resonance imaging reduce the incidence of avascular necrosis in developmental dysplasia of the hip? *Clinical Orthopaedics and Related Research*, 2015.
16. Zhu AF, **Seeley MA**, Ozer K. Positional occlusion of an interposition vein graft for brachial artery reconstruction following open elbow dislocation in a pediatric patient. *JBJS Case Connect* 2015;5:e3. DOI: 10.2106/JBJS.CC.N.00091
17. **Seeley M**, Gagnier J, Srinivasan RC, Hensinger RN, Vanderhave KL, Farley FA, Caird MS. Obesity and Its Effects on Pediatric Supracondylar Humeral Fractures. *Journal of Bone and Joint Surgery AM*. 2014;96:e18(1-10)
18. Li Y, Heyworth BE, Glotzbecker M, **Seeley M**, Suppan CA, Gagnier J, VanderHave KL, Caird MS, Farley FA, Hedequist D. Comparison of titanium elastic nail and plate fixation of pediatric subtrochanteric femur fractures. *J Pediatr Orthop*. 2013. Apr; 33(3): 232-8.
19. **Seeley M**, Knesek M, Vanderhave KL. Osteochondral injury after acute patellar dislocation in a pediatric population. *J Pediatr Orthop*. 2013. Jul-Aug; 33(5): 511-8.
20. Silva SR, Fox J, Speers M, **Seeley M**, Bovid K, Farley FA, Vanderhave KL, Caird MS., Clavicle Shaft Fractures in Adolescents: Can we Characterize Shortening? *J Pediatr Orthop*. 2013. Apr; 33(3): e19-22

21. Nowicki PD, Vanderhave KL, Gibbons K, Haydar B, **Seeley MA**, Kozlow K, Bhoopal K, Gauger VT. Perioperative pain control in patients undergoing Pediatric Orthopaedic Surgery. *JAAOS*. 2012 Dec; 20(12): 755-765.
22. **Seeley M**, Bowman K, Walsh C, Sabb B, Vanderhave K. Magnetic Resonance Imaging of Acute Patellar Dislocation in Children: Patterns of Injury and Risk Factors for Recurrence. *J Pediatr Orthop*. 2012 Mar; 32(2): 145-155
23. Azzam KA, **Seeley M**, Ghanem E, Austin MS, Purtill JJ, Parvizi J. Irrigation and Debridement in the Management of Prosthetic Joint Infection: Traditional Indications Revisited. *J Arthroplasty*. 2010 Oct; 25(7): 1022-102.
24. Ghanem E, **Seeley M**, Joshi A, Jaber F, Parvizi J. Staged revision for knee arthroplasty infection: what is the role of serologic tests before reimplantation? *Clin Orthop Relat Res*. 2009 Jul;467(7):1699-705. Epub 2009 Feb 25.

PEER-REVIEWED JOURNALS and PUBLICATIONS (Accepted with revisions/Submitted/To be submitted)

1. **Seeley MA**, Caird MS, Cowan J, Schreier S, Farley FA, Li Y. Open or Closed: Intra- and Interobserver radiographic evaluation of the distal femoral and proximal tibial physes in pediatric patients. *The Journal of Orthopaedics*, Submitted.
2. **Seeley MA**, Caird MS, Vanderhave KL, Farley FA, Hensinger RN, Li Y. Incisional vacuum-assisted closure therapy after posterior spinal fusion for pediatric neuromuscular scoliosis. *Journal of Pediatric Orthopaedics*, To be Submitted.
3. **Seeley MA**, Ganley TJ. The Pediatric Knee: Current concepts of Osteochondritis Dissecans. *Orthopaedic Clinics of North America*. Invited Submission, December 2015.

BOOK CHAPTERS

1. **Seeley M**, Parvizi J. "Wrist Arthroscopy." *High Yield Orthopaedics*. Ed. Saunders. Elsevier Health Services. 2010. Pgs 486-89.
2. **Seeley M**, Li Y, Caird MS. "Sub-trochanteric Femur Fractures in Children." *Pediatric Subtrochanteric Femur Fractures: A Practical Guide to Modern Principles of Evaluation & Management*. Springer Science. 2014. Chap 4. In production.
3. **Seeley MA**, Dormans JP. "Musculoskeletal tumors". *Fundamentals of Pediatric Surgery, 2ed*. Springer Science. 2015. Chap 100. In production.
4. **Seeley MA**, Cruz AI, Flynn JM. "Spine Injuries in the Pediatric Athlete". *Spine Injuries in Athletes: Diagnosis and Management of The Athlete's Spine*. Springer Science. Section 2; Chap 9. In production.

5. **Seeley M, Li Y.** “Tibia, Ankle, and Foot.” American Academy of Orthopaedic Surgeons-Orthopaedic Knowledge Update-Pediatrics. Springer Science. 2017. Chap 5. In production.

RESEARCH EXPERIENCE

- Thomas Jefferson University**, Philadelphia, PA 2008
Division of Orthopaedics, Department of Surgery
Supervisor: Alan Hilibrand, M.D.
Focus: Adjacent Segment Disease of the Cervical Spine
- University of Rochester**, Rochester, NY 2004-2005
Undergraduate Research Fellow, Department of Psychology
Supervisor: Craig Cypher, Psy.D.
Focus: Performed electroencephalograms on abused children.
- Strong Memorial Hospital**, Rochester, NY 2004
Undergraduate Research Fellow, Center for Aging and Developmental Biology
Supervisor: Howard Federoff, M.D., Ph.D
Focus: Alzheimer’s disease
- University of Rochester**, Rochester, NY 2003
University of Rochester, Department of Neuroscience
Supervisor: Kathy Nordeen, Ph.D.
Focus: Learning and Memory

TEACHING

INTRAMURAL LECTURES/PRESENTATIONS (*Denotes Presenter)

- Seeley MA. Blounts Disease. Geisinger Medical Center, Geisinger Medical Center, Department of Orthopaedic Surgery, Resident Conference, March 2016
- Seeley MA. Pediatric Lower Extremity Fractures. Geisinger Medical Center, Department of Orthopaedic Surgery, Resident Conference, August 2016
- Seeley MA*, Sankar WN. Pediatric Hip Fractures. Children’s Hospital of Philadelphia, Department of Orthopaedic Surgery, September 2014
- Seeley MA*, Dormans JP. The Nuts and Bolts of Pediatric Scoliosis. Children’s Hospital of Philadelphia, Department of Orthopaedic Surgery, November 2014
- Seeley MA*, Dormans JP. Pediatric Musculoskeletal Tumors. Children’s Hospital of Philadelphia, Department of Orthopaedic Surgery, December 2014
- Seeley MA*, Perdue A, Goulet J. Tibial Shaft Fractures: The Good, The Bad, The Ugly. Indication Conference. University of Michigan, Department of Orthopaedic Surgery, April 2014
- Seeley MA*, Perdue A, Goulet J. Tibial Plateau Fractures: Reduction and Fixation Techniques. Indication Conference. University of Michigan, Department of Orthopaedic Surgery, May 2014.

Seeley MA*, Lawton J, Ozer K. Hand Trauma 101. Indication Conference. University of Michigan, Department of Orthopaedic Surgery, Nov 2013.

Seeley MA*, Urquhart AG, Hallstrom B. The Otto Pelvis. Indication Conference. University of Michigan, Department of Orthopaedic Surgery, Sept 2013

Seeley MA*, Caird MS. The bigger they are the harder they fall: Obesity and its effects on Pediatric Supracondylar Humerus fractures. Grand Rounds. University of Michigan, Department of Orthopaedic Surgery, January 2013.

Seeley MA*, Caird MS. Case presentation: Aggressive ABC in a Pediatric Spine. Hensinger Day, Nov 2011.

Guest Lecturer: Vernon Tolo M.D.

Seeley MA*, Craig C. Case presentation: Bilateral Dislocatable Hips in Down Syndrome. Hensinger Day 2011.

Guest Lecturer: Vernon Tolo M.D.

Seeley MA*, Farley F. Case presentation: 14 mo with Lumbar Dysgenesis. Hensinger Day 2011.

Guest Lecturer: Vernon Tolo M.D

Seeley MA*, Hensinger RN. The Pediatric Displaced Supracondylar Humerus Fracture: Treatment Trends and Controversies. Grand Rounds. University of Michigan, Department of Orthopaedic Surgery, May 2011

Seeley MA*, Craig C, Hensinger RN. Nonsurgical Management of Congenital Talipes Equinovarus: The past, present, and future. Grand Rounds. University of Michigan, Department of Orthopaedic Surgery, Aug 2011

Seeley MA*, Dougherty P, Goulet J. Patella Fractures: current concepts review. Indication Conference. University of Michigan, Department of Orthopaedic Surgery, Oct 2011.

INDUSTRY AFFILIATIONS

Orthopaediatrics, Trauma Consultant 2017-Current

COMMITTEE, ORGANIZATIONAL, AND VOLUNTEER SERVICE

University of Michigan, Men's Basketball 2010-2014
Resident Team Physician

University of Michigan, Woman's Gymnastics 2010-2014
Resident Team Physician

JeffHOPE (Health, Opportunity, Prevention and Education), Philadelphia, PA 2005-2009
Volunteer.

JeffHOPE for Kids , Philadlephia, PA <i>Volunteer</i>	2006-2007
Jefferson Orthopaedic Society , Philadelphia, PA <i>President</i>	2008-2009
Jefferson Sports Medicine Society , Philadelphia, PA <i>President</i>	2008-2009
Jefferson Curriculum Committee , Philadephia, PA <i>Member.</i>	2005-2006
Jefferson Medical College Neuroscience Liaison , Philadelphia,	2006
Troy Elementary School , Troy, PA <i>Basketball Coach</i>	2003-2008
Troy Community Hospital , Troy, PA <i>Volunteer</i>	1998-2001

WORK EXPERIENCE

ALPS (Adventure Learning and Programming for Success) , Troy, PA <i>Instructor</i>	2004-2009
The Royal London Hospital and The NHS Trust , London, United Kingdom	06/2006-08/2006
University of Rochester , Rochester, NY <i>Student Athletic Trainer</i>	2001-2005
Mt. Hope Family Center Summer Camp , Rochester, NY <i>Activities Instructor</i>	Summer, 2004
University of Rochester , Rochester, NY <i>Biochemistry Teaching Assistant</i>	2004
University of Rochester , Rochester, NY <i>Neuroanatomy Teaching Assistant</i>	2003-2004
Keystone State Basketball Camp , Reading, PA <i>Basketball Instructor</i>	Summers, 2000-2002
University of Rochester Basketball Camp <i>Basketball Instructor</i>	Summer 2002 & 2011

PROFESSIONAL AFFILIATIONS

American Medical Association, Resident Section <i>Member.</i>	2005-2014
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American Academy of Orthopaedic Surgeons 2009-Present
Candidate Member

Pediatric Orthopaedic Society of North America 2014-Present
Candidate Member

Pennsylvania Orthopaedic Society 2015-Present
Member

American Academy of Pediatrics 2015-Present
Candidate Member

PERSONAL AND OTHER INTERESTS

Other interests include basketball, snow and water skiing, reading, and kayaking.