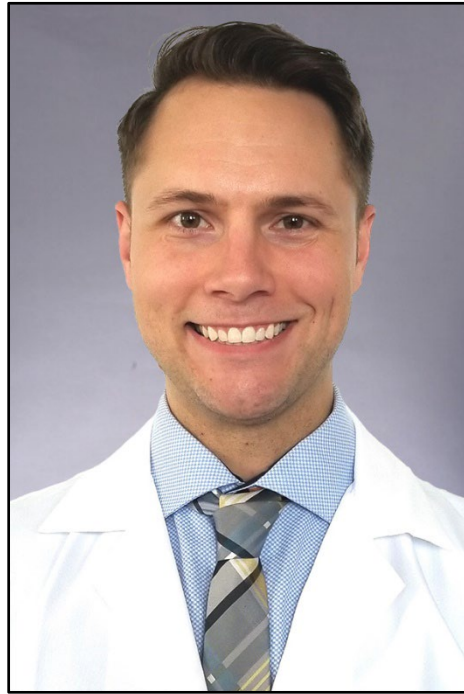


CURRICULUM VITAE



Joel R. Peterson, MD, MA

HOMETOWN: Fairfax Station, VA

BIRTHPLACE: Federal Way, WA

CITIZENSHIP: United States of America

OFFICE ADDRESS: Hospital for Special Surgery
Sports Medicine Institute
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Curriculum Vitae

Joel R. Peterson, MD, MA

HOSPITAL APPOINTMENTS:

- 2018 - 2023
Resident Physician, Department of Orthopedic Surgery
Columbia University Irving Medical Center
New York Presbyterian Hospital
New York, NY
- 2023 - Present
Clinical Fellow, Shoulder and Elbow Surgery
Sports Medicine Institute
Hospital for Special Surgery
New York, NY

EDUCATION:

- 2002 - 2006
Thomas Jefferson High School for Science and Technology
Alexandria, VA
- 2006 - 2010
Princeton University
AB, Ecology and Evolutionary Biology
Certificate of Proficiency: Neuroscience
Princeton, NJ
- 2010 - 2012
Columbia University Graduate School of Arts and Sciences
MA, Conservation Biology
New York, NY
- 2014 - 2018
Rutgers Robert Wood Johnson Medical School
MD Degree, *Alpha Omega Alpha Honor Society*
Piscataway, NJ

POST-DOCTORAL TRAINING:

- 2018 - 2023
Resident Physician, Department of Orthopedic Surgery
Columbia University Irving Medical Center
New York Presbyterian Hospital
New York, NY
Director: Charles M. Jobin, MD
Chairman: William N. Levine, MD
- 2023 - Present
Clinical Fellow, Shoulder & Elbow Surgery
Sports Medicine Institute
Hospital for Special Surgery
New York, NY
Co-Directors: David M. Dines, MD; Lawrence V. Gulotta, MD

Curriculum Vitae

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MEDICAL LICENSES

2018 - Present National Provider Identifier (NPI) #1770087710
2023 - Present New York State Medical License 321520
2023 - Present Connecticut State Medical License 74949

CERTIFICATIONS

2004 - Present American Heart Association Basic Life Support
2018 - Present American Heart Association Advanced Cardiac Life Support
2020 Basic Microsurgery, CUMC Microsurgery Training Laboratory
2023 - Present DEA Controlled Substance Registration

PROFESSIONAL SOCIETIES:

2014 - 2018 Medical Society of New Jersey, Student Member
2014 - Present American Medical Association, Member
2017 - Present Alpha Omega Alpha (AOA) Medical Honor Society, Member
2018 - 2023 American Academy of Orthopaedic Surgeons (AAOS),
Resident Member

HONORS/AWARDS:

2017 **Alpha Omega Alpha Medical Honor Society**

PROFESSIONAL ROLES/EXPERIENCES:

2012 - 2014 **Research Study Assistant**, Memorial Sloan Kettering
Cancer Center
New York, NY

COMMUNITY SERVICE/VOLUNTEER EXPERIENCES:

2007 - 2010 **Student Volunteer**, University Medical Center of Princeton
at Plainsboro
Princeton, NJ

2014 - 2018 **Student Doctor**, HIPHOP Promise Clinic
New Brunswick, NJ

2015 - 2022 **Mentor**, Ascend Educational Fund
New York, NY

2019 - Present **Mentor**, The TEAK Fellowship
New York, NY

Curriculum Vitae

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RESEARCH EXPERIENCE:

2023 - Present

Research Fellow, Sports Medicine Institute
Hospital for Special Surgery
New York, NY
PIs: David M. Dines, MD; Lawrence V. Gulotta, MD;
Theodore A. Blaine, MD

2018 - 2023

Research Resident, Department of Orthopedic Surgery
Columbia University Medical Center- New York
Presbyterian Hospital
New York, NY
PIs: William N. Levine, MD; Charles M. Jobin, MD;
Christopher S. Ahmad, MD

2015 - 2018

Research Student, Department of Orthopedic Oncology
Hackensack University Medical Center
Hackensack, NJ
PI: James C. Wittig, MD

2010 - 2012

Graduate Research Student, Department of Ecology,
Evolution, and Environmental Biology
Columbia University Graduate School of Arts and Sciences
New York, NY

2009 - 2010

Undergraduate Research Student, Department of
Neuroscience
Princeton University
Princeton, NJ

COURSES

2018

Orthopedic Trauma Association Comprehensive
Fracture Course
Orlando, FL

2020

Microsurgery Basic Course at Columbia University
Medical Center
New York, NY

2023

AAOS/ASES Reverse and Anatomic Total Shoulder
Arthroplasty: Concepts and Techniques from Basic
to Advanced
Rosemont, IL

TEAM COVERAGE

2021	Rugby United New York, New York, NY Team Physician/Consultant
2020 - 2021	Manhattan College, Bronx, NY Team Physician/Consultant
2020 - 2023	New Jersey metropolitan high schools Team Physician/Consultant

BIBLIOGRAPHY:

PEER REVIEWED ARTICLES – Published

1. **Peterson JR**, Villalobos CE, Zamora R, Wittig JC. Limb Sparing Resection for Tumors Involving the Distal Humerus and Reconstruction with a Modular Endoprosthesis. *Bull Hosp Jt Dis* (2013). 2015 Jul;73(3):190-7. PMID: 26535598.
2. **Peterson JR**, Decilveo AP, O'Connor IT, Golub I, Wittig JC. What Are the Functional Results and Complications With Long Stem Hemiarthroplasty in Patients With Metastases to the Proximal Femur? *Clin Orthop Relat Res*. 2017 Mar;475(3):745-756. doi: 10.1007/s11999-016-4810-7. PMID: 27052019; PMCID: PMC5289173.
3. Sonnylal L, **Peterson JR**, Decilveo AP, O'Connor IT, Wittig JC. Giant periosteal aggressive epithelioid osteoblastoma: 21-year-old male presents case in the midshaft of his femur. *Skeletal Radiol*. 2018 Oct;47(10):1443-1448. doi: 10.1007/s00256-018-2922-8. Epub 2018 Mar 10. PMID: 29525944.
4. Boddapati V, Lee NJ, Mathew J, Held MB, **Peterson JR**, Vulapalli MM, Lombardi JM, Dyrzka MD, Sardar ZM, Lehman RA, Riew KD. Respiratory Compromise After Anterior Cervical Spine Surgery: Incidence, Subsequent Complications, and Independent Predictors. *Global Spine J*. 2021 Jan 7:2192568220984469. doi: 10.1177/2192568220984469. Epub ahead of print. PMID: 33406919.
5. Boddapati V, Mathew J, Lee NJ, **Peterson JR**, McCormick KL, Lombardi JM, Sardar ZM, Lehman RA, Riew KD. Are outpatient three- and four-level anterior cervical discectomies and fusion safe? *Spine J*. 2021 Feb;21(2):231-238. doi: 10.1016/j.spinee.2020.10.007. Epub 2020 Oct 10. PMID: 33049410.
6. Lopez CD, Ding J, **Peterson JR**, Ahmed R, Heffernan JT, Lobao MH, Jobin CM, Levine WN. Incidental Pulmonary Nodules Found on Shoulder Arthroplasty Preoperative CT Scans. *J Shoulder Elb Arthroplast*. 2022 Apr 13;6:24715492221090762. doi: 10.1177/24715492221090762. PMID: 35669617; PMCID: PMC9163726.

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7. Ahmed R, Lanham NS, **Peterson JR**, Jobin CM, Levine WN. Characterization of ASES score pain and functional improvement after anatomic total shoulder arthroplasty: a patient-centered perspective. *J Shoulder Elbow Surg.* 2022 May;31(5):1042-1046. doi: 10.1016/j.jse.2021.10.031. Epub 2021 Nov 19. PMID: 34808350.
8. Lopez CD, Gazgalis A, **Peterson JR**, Confino JE, Levine WN, Popkin CA, Lynch TS. Machine Learning Can Accurately Predict Overnight Stay, Readmission, and 30-Day Complications Following Anterior Cruciate Ligament Reconstruction. *Arthroscopy.* 2022 Jul 9:S0749-8063(22)00407-8. doi: 10.1016/j.arthro.2022.06.032. Epub ahead of print. PMID: 35817375.
9. Lanham NS, **Peterson JR**, Ahmed R, Jobin CM, Levine WN. Comparison of Glenoid Bone Grafting versus Augmented Glenoid Baseplates in Reverse Shoulder Arthroplasty: A Systematic Review. *J Shoulder Elbow Surg.* 2022 Mar 25:S1058-2746(22)00326-3. doi: 10.1016/j.jse.2022.02.022. Epub ahead of print. PMID: 35346848.
10. Lanham NS, Belyea CM, **Peterson JR**, Jobin CM. Elbow Arthroscopy: Essential Principles of Positioning, Anatomy, and Portal Placement. *Tech Hand Up Extrem Surg.* 2023 Oct 30. doi: 10.1097/BTH.0000000000000457. Epub ahead of print. PMID: 37899629.

PEER REVIEWED ARTICLES – Submitted/Accepted

1. Gupta P, **Peterson JR**, Rogalski B, Trofa DP, Jobin CM, Levine WN. A descriptive analysis of total elbow arthroplasty for distal humerus fractures. *JSES.*
2. Gupta P, **Peterson JR**, Marigi EM, Rogalski B, Trofa DP, Levine WN, Jobin CM. Revision total elbow arthroplasty is associated with an elevated rate of 30-day complications: a descriptive analysis of a national database. *JSES.*

PRESENTATIONS:

PODIUM PRESENTATIONS

1. **Peterson JR**, Villalobos CE, Zamora R, Wittig JC. Limb Sparing Resection for Tumors Involving the Distal Humerus and Reconstruction with a Modular Endoprosthesis. Podium presentation at American College of Surgeons' 2016 Clinical Congress. October 2016. Washington DC.
2. Lopez CD, Constant M, **Peterson JR**, Bixby EC, Jobin CM, Hickernell TR. Trends in orthopaedic related google search volume during the COVID-19 pandemic in the United States. Podium presentation at America Academy of Orthopaedic Surgeons Annual Meeting. August 2021. San Diego, CA

POSTER EXHIBITS

1. **Peterson JR**, Jacobs BL. The effects of peripheral cancer on neurogenesis in the mouse dentate gyrus. Princeton University Undergraduate Research Symposium. May 2010. Princeton, NJ
2. **Peterson JR**, Decilveo AP, Golub I, Wittig JC. Long stem hemiarthroplasty for metastatic cancer of the proximal femur provides optimal palliation and function. International Society of Limb Salvage 18th General Meeting / Musculoskeletal Tumor Society 2015 Annual Meeting; October 2015. Orlando, FL.
3. **Peterson JR**, Golub I, Decilveo AP, Wittig JC. Rotational gastrocnemius muscle flaps for high grade soft tissue sarcomas around the knee provides great function. International Society of Limb Salvage 18th General Meeting / Musculoskeletal Tumor Society 2015 Annual Meeting; October 2015. Orlando, FL.
4. **Peterson JR**, Decilveo AP, Golub I, Wittig JC. Limb sparing resection for tumors involving the distal humerus and reconstruction with a modular endoprosthesis. International Society of Limb Salvage 18th General Meeting / Musculoskeletal Tumor Society 2015 Annual Meeting; October 2015. Orlando, FL.
5. **Peterson JR**, Decilveo AP, Golub I, Garcia R, Wittig JC. 21-year-old male presents with a giant periosteal aggressive epithelioid osteoblastoma in the midshaft of his femur. International Society of Limb Salvage 18th General Meeting / Musculoskeletal Tumor Society 2015 Annual Meeting; October 2015. Orlando, FL.
6. Decilveo AP, Golub I, Topfer J, O'Connor IT, **Peterson JR**, Wittig JC. Lightfix; a prospective, multi-center study of the photodynamic bone stabilization system for the treatment of impending and actual pathological fractures from metastatic bone disease in the humerus. International Society of Limb Salvage 18th General Meeting / Musculoskeletal Tumor Society 2015 Annual Meeting; October 2015. Orlando, FL.
7. Frederick JS, Gazgalis A, **Peterson JR**, Yang S, Hickernell TR, Tatka J, Cooper HJ, Shah RP, Geller JA, Neuwirth AL. ACE inhibitor use does not significantly affect occurrence of manipulation under anesthesia following total knee arthroplasty. American Association of Hip and Knee Surgeons Annual Meeting. November 2020. Dallas, TX.
8. Ahmed R, Lanham NS, Mueller J, Kopydlowski N, **Peterson JR**, Jobin, CM. Does an in-situ biceps tenodesis with an anatomic length-tension relationship affect the incidence of popeye deformity and clinical outcomes compared to an estimated length-tension relationship technique? American Orthopaedic Society for Sports Medicine Annual Meeting. July 2022. Colorado Springs, CO.