

Christian A. Merrill Jr., MD/MBA

EDUCATION

American Sports Medicine Institute Orthopaedic Sports Medicine Fellowship, Birmingham, AL	Aug. 2020 - Jul. 2021
University of Connecticut Orthopaedic Surgery Residency Program, Farmington, CT	Jul. 2015 - Jun. 2020
Tufts University School of Medicine, Boston, MA	Jun. 2011 - May 2015
MD	
Brandeis University Heller School of Business, Waltham, MA	Jun. 2011 - May 2015
MBA	
University of Virginia, Charlottesville, VA	
B.S. in Biomedical Engineering, Graduated with High Distinction	Aug. 2007 - May 2011

PUBLICATIONS

Allen D, DiVenere J, Merrill C, Cote M, Mazzocca A. *Inlay Hemiarthroplasty of the Humeral Head for Non-traumatic Osteonecrosis*. Accepted 6/14/2020. Seminars in Arthroplasty: JSES.

Merrill C, Arciero R. *Open Bankart Repair: A Reproducible Technique*. Submitted. Operative Techniques in Sports Medicine; 2019 Mar 27;1:42-48.

Merrill C, Rodner C. History and Physical Exam. *Orthopedic Hand Trauma*, Chapter 1. 2019 March.

Merrill C, Ferreira J, Parrino A, Moss I. *Team Approach: Upper Extremity Numbness*. JBJS Rev; 2018 Jun;6(6):e3.

Singh H, Lee M, Solomito M, Merrill C, Nissen C. *Lumbar Hyperextension in Baseball Pitching: A Potential Cause of Spondylolysis*. J Appl Biomech. 2018 May 29;1-19.

Tayne S, Merrill CA, Saxena R, King C, Devarajan K, Ianchulev S, Chilingirian J. *Maximizing Operational Efficiency Using an In-House Ambulatory Surgery Model*. J Healthc Manag; 2018 Mar-Apr;63(2):118-12.

Tayne S, Merrill CA, Kim J, Shah SJ, Mackey WC. *Risk Factors for 30-day Readmissions and Modifying Post-operative Care Following Gastric Bypass Surgery*. J Am Coll Surg; 2014 Sep; 219(3):489-95.

Tayne S, Merrill CA, Smith EL, Mackey WC. *Predictive Risk Factors for 30-day Readmissions Following Primary Total Joint Replacement and Modification of Patient Management*. J Arthroplasty. 2014 Oct; 29(10):1938-42.

Merrill, Christian & Panda, Nikhil. *Optimization of Nanoparticle Size and PEG-Coating for Drug Delivery in Skeletal Muscle*. The Spectra: Virginia Engineering and Science Research Journal. Spring 2012; Volume III: 14-19.

Merrill, Christian & Panda, Nikhil. *Peripheral Arterial Disease Underestimation in the United States: The Social Construction of Disease Diagnosis, Treatment and Public Knowledge*. University of Virginia, 2011.

RESEARCH AND ONGOING PROJECTS

Research: *Transition from a General Hospital to an Orthopedic Specialty Hospital: the Impact on Efficiency, Complications, and Patient Reported Outcomes*. Retrospective chart review.

Merrill CA, Moss IL, Geaney LG, Mazzocca AD. *Lessons Learned in Residency Education During COVID-19: A Work in Progress*. Submitted. Orthopedics.

Merrill CA, Canfield MJ, Williams VJ, Mazzocca AD. *The Learning Curve in Facility Changes: How Infrastructural Changes Impact Operative Throughput Times and Patient Outcomes in Lower Extremity Arthroplasty*. Submitted 11/10/2020. Journal of Arthroplasty.

HONORS & AWARDS

UConn Orthopaedic Surgery Cavazos Residency Fellowship Award for Outstanding Resident	2020
2nd Place Deans' Symposium Continuous Quality Improvement and Safety	2017
Tufts MD/MBA Student of the Year	2015
Tufts MD/MBA Capstone Project of the Year	2015
Clinical Honors: Surgery, Family Medicine, Obstetrics/Gynecology, Psychiatry	2012 – 2014
Tau Beta Pi Engineering Honor Society, University of Virginia	2010 – 2011
Intermediate Honors, University of Virginia	2009
Dean's List, University of Virginia	2007 – 2011

CERTIFICATION AND SPECIALTIES

Stryker Mako certified in total hip arthroplasty and total knee arthroplasty
 Board Eligible: Part I July 2020 PASS
 Alabama State Medical License

TEAM PHYSICIAN COVERAGE EXPERIENCE

Auburn University (Auburn, AL)
 Tuskegee University (Tuskegee, AL)
 Vincent High School (Vincent, AL)
 Alabama Ballet (Birmingham, AL)
 WWE consultant

HOBBIES & INTERESTS

My wife and I love traveling around the U.S. and world sampling various local foods, wines, and experiences. We love all outdoor activities and try to take our golden-doodle, Elmo, with us when we can!

My wife, Mallory Merrill, has her doctorate of nursing practice, specializing in adult and gerontology. She has been in practice for 2 years in the outpatient clinic setting.

Other hobbies and interest include: travel, cooking, wine, photography, art, bocce ball, golf, hiking, boating, skiing/snowboarding, carpentry, gardening, investing