

Dr. Julia Nuelle is a Missouri native. She completed her undergraduate education at Saint Louis University. Upon graduating summa cum laude from SLU with a Bachelor of Science in Investigative and Medical Science with minors in Biology and Psychology, Dr. Nuelle attended medical school at the Loyola Stritch School of Medicine in Chicago, IL where she graduated magna cum laude with Honors in Research as well as Honors in Bioethics and Professionalism. After this, Dr. Nuelle began her Orthopaedic Surgery Residency at the University of Missouri, where she served as Administrative Chief Resident in her final year. She followed with fellowship training in hand and microvascular surgery at Loyola University Chicago with a special focus on pediatric and congenital hand surgery at the Shriner's Hospital for Children in Oak Park, IL.

Upon completing her hand fellowship, Dr. Nuelle entered active duty military service with the United States Air Force. She was assigned to Joint Base San Antonio where she treated severely injured service members from Afghanistan and Iraq in support of Operation Enduring Freedom and Operation Iraqi Freedom at Brooke Army Medical Center and Wilford Hall Medical Center. As Brooke Army Medical Center is also a Level I Trauma Center for the San Antonio and south Texas community, she also provided skilled trauma and microsurgical care to severely injured civilian patients. She and her team were also the central referral center for pediatric and congenital hand surgery in the Department of Defense. Dr. Nuelle became the first female Chief of the Hand, Microvascular, and Peripheral Nerve Surgery Service in 2019, a position she held until transitioning to a civilian practice. She also served as Commander for the Orthopaedic Surgery and Physical Therapy Flight, Associate Residency Program Director for Quality Improvement, as well as Chief of Ambulatory Surgical Services where she focused on team dynamics and advancing military medicine through multiple avenues. During her active duty service, she also served as the Commanding Officer for an Army Medical Readiness Training Exercise and deployed in support of Operation Inherent Resolve and Operation Spartan Shield where she served as Flight Commander of Expeditionary Operational Medicine.

Building on her busy military clinical practice treating upper extremity bone, soft tissue, and nerve injuries of Wounded Warriors, with a focus on upper and lower extremity limb optimization, Dr. Nuelle translates her experience and unique skill set gained during her service in the military to the Columbia and Mid-Missouri community at-large.

With the outstanding team at the University of Missouri in collaboration with Department of Defense partners, Dr. Nuelle continues to pursue cutting-edge research on nerve regeneration that has potential for paradigm shifting advancements in the field. She has presented her research nationally and internationally and has published more than 30 peer-reviewed manuscripts and book chapters.

At the University of Missouri, Dr. Nuelle serves as the Associate Residency Program Director and Director of Medical Student Education for the University of Missouri Department of Orthopaedic Surgery. She also holds positions as Doctoral Faculty Veterinary Pathobiology and Pathobiology Area PhD Program, Graduate Faculty (Status A) Translational Biosciences through which she mentors Masters and PhD students in addition to medical students and residents in their research endeavors.

Dr. Nuelle is also active in professional societies -- serving on committees within the American Orthopaedic Association, the American Society for Surgery of the Hand, and the Society of Military Orthopaedic Surgeons. She also serves on the Editorial Board for The Journal of Arthroscopy and Related Surgery as well as the Hand and Upper Extremity Section Editor for Current Orthopedic Practice.