

Dr. Pet attended medical school at Washington University and completed his Plastic and Reconstructive Surgery residency at University of Washington Hospitals in Seattle. After completing a Hand and Upper Extremity Surgery fellowship at the Curtis National Hand Center, Dr. Pet returned to St. Louis to join the Faculty at Washington University in 2018.

Dr. Pet's clinical practice includes a wide spectrum of adult and pediatric hand and upper extremity surgery, in addition to microvascular reconstruction of traumatic and oncologic defects. His practice is highly collaborative, and he enjoys working regularly with collaborating surgeons in Orthopedic Trauma Surgery, Surgical and Orthopedic Oncology, Foot and Ankle Surgery, and Head and Neck Surgery.

As a member of the division of Plastic and Reconstructive Surgery, Dr. Pet served for three years as a member of the departmental Patient Safety and Quality Improvement committee. After a stint as medical student clerkship director, transitioned to his current role as the associate director of the Hand Surgery Fellowship. In preparation for this leadership role, he completed the 2020 Academic Medical Leadership Program for Physicians and Scientists. In 2021, Dr. Pet was instrumental in organizing and founding the joint Plastic and Orthopedic Microsurgical fellowship. In 2020, Dr. Pet was appointed Director of the Section of Hand and Upper Extremity Surgery within the Division of Plastic and Reconstructive Surgery.

Dr. Pet's central research focus is upon the development of novel wireless biosensors for tissue perfusion assessment. This effort entails a long-term collaboration with the Querry Simpson Institute for Bioelectronics at Northwestern University, in addition to investigators from the McKelvey School of Engineering at Washington University. This work has generated external grant funding, industrial support, an active human clinical device trial, and a pending US patent. He is the author of over 50 academic manuscripts, and is a member of the American Association of Hand Surgeons, the American Society for Surgery of the Hand, and the American Society of Plastic Surgeons.