

Steven S. Hong – Consulting Assistant Professor of Otolaryngology at Stanford University Medical Center

Steven S. Hong, MD, MA, is a Consulting Assistant Professor of Otolaryngology at Stanford University Medical Center and a fellow in head and neck surgical oncology and reconstructive surgery. He also serves as a Major in the United States Army.

Prior to his current position, he served as a head and neck surgeon with the 101st Airborne Division in Fort Campbell, Kentucky. He completed his otolaryngology residency at Tripler Army Medical Center in 2014 involved in multiple international medical mission trips and as an invited speaker at multiple international and national meetings.

He graduated AoA from the University Of Toledo College Of Medicine in 2009. Upon completion Surgery fellowship at Stanford University in 2018 he will resume active duty military service as Chief of Head and Neck Surgery at Walter Reed National Military Medical Center, Bethesda, MD.

Company/Affiliation: Stanford University Hospitals Head and Neck Surgery

Interest: He has a special interest in benign and malignant tumors of the head and neck, and the complex reconstruction that comes with their treatment. He also has research experience related to fluorescence-guided surgery using molecularly-targeted compounds and analyzing medicolegal outcomes and issues pertaining to head and neck surgery.

Dr. Hong has a particular interest in utilizing surgical robots for microsurgery and telerobotic surgery. He has previously led an effort for the Telemedicine and Advanced Technology Research Center AAMTI in researching countermeasures to surgical latencies for robotic telesurgery.

He is currently leading a collaborative team from SRI (Menlo Park), University of California San Diego, Stanford, and multiple Department of Defense Institutions to enable telesurgical robotics for the battlefield.