



## EDUCATION

# ENT Sim Lab Boot Camp

Phillip S. LoSavio, MD, MS, and Inna Husain, MD, were awarded a grant from the Society of University Otolaryngologists in 2019 for their efforts as the program director and associate program director of Rush University Medical Center's otolaryngology residency program, respectively. The grant empowered them to conduct a regional otolaryngology simulation ear, nose and throat boot camp course in the Midwest. It was one of only four grants given nationally that year.

"Our goals were to increase the cognitive and technical capacity, as well as the confidence and skills of those taking the course through learning simulations. We're talking about decreasing anxiety while staying engaged in patient care," LoSavio said.

He noted that scientific pre- and post-assessments demonstrated that participants felt more confident about treating emergencies after taking the course. The boot camp included six learning stations on the management of an irregular hematoma, emergency airway management with a tracheotomy, treating a peritonsillar abscess, learning bedside endoscopy, managing the varying severity of epistaxis, and performing a lateral canthotomy. Custom plastic models were fabricated by Rush's simulation lab specifically for the course to mimic real-world patient scenarios. In addition, participants were able to access learning stations where they were shown how to use surgical equipment through hands-on demonstrations.

"Honestly, it's a lot of fun being able to utilize this state-of-the-art simulation lab and teach cutting-edge skills in a low-stress environment," LoSavio said. The course was held in August 2021, with participation from all five major Chicago regional institutions.

More than 30 residents and senior-level medical students from the Chicago area participated. In addition to LoSavio and Husain, those who helped plan the course included Jacob Friedman, MD; Anatoli Karas, MD; and Andie Van Voorhis.