

# ADVANCING HEAD AND NECK SURGERY AND COMMUNICATION HEALTH

*Otolaryngology • Audiology • Speech Pathology*

The Duke Department of Head and Neck Surgery & Communication Sciences is a global leader in helping people achieve healthier connections with the world. We focus the talent and attention of our clinicians, researchers, and educators on understanding and solving diseases of the head and neck that threaten life, health, and the fulfillment of social connectedness.

## ADVANCING TREATMENT THROUGH RESEARCH

Duke is at the forefront of basic science and clinical research to broaden treatment options and improve patient outcomes for communication and head and neck disorders. Our robust and growing research programs advance knowledge across the breadth of otolaryngology, including head and neck cancer, hearing and balance disorders, airway and inflammatory diseases, and many others.

In addition, Duke's culture of collaboration offers rich opportunities for our clinicians and researchers to partner with scientists in other fields to innovate multi-disciplinary solutions to many serious health challenges. Our clinician-scientists for example, are actively engaged in basic science research to identify new therapeutic targets to prevent the spread of head and neck cancer, and to restore the sense of smell.

### Clinical Expertise Includes:

- Duke Hearing Center and the Cochlear Implant Program
- Duke Voice Care Center
- Duke Head and Neck Oncology Surgery
- Duke Skull-Base Tumor Surgery
- Duke Pediatric Otolaryngology

## OVERCOMING HEALTH DISPARITIES AND CHAMPIONING GLOBAL HEALTH

Duke is identifying and addressing barriers to the care of communication and head and neck disorders in the U.S. and abroad. Our faculty, staff, and trainees regularly participate in international humanitarian efforts and lead multi-institutional research efforts to understand and improve the causes of persistently high rates of head and neck disease and disability in at-risk populations.

Examples include:

- Helping to start a hearing health care program in Kenya.
- Designing a low-cost fiber-optic scope to expand head and neck screening in the U.S. and abroad.
- Using telehealth to deliver hearing care to remote communities in Alaska and other low resource settings.



*Celebrating Duke's New Department of Head and Neck Surgery & Communication Sciences*



## TRAINING TOMORROW'S LEADERS

Our residency and clinical fellowship programs prepare future physicians, clinicians, and scientists to make lasting contributions through compassionate and competent care, and by advancing the fields of otolaryngology, audiology, and speech pathology. Our department's innovative **Leadership Lived Out** training program prepares our health care teams to internalize and practice core virtues of initiative, integrity, responsibility, compassion, and accountability. This model program holds great promise for transforming the effectiveness of teams in health care.

### Duke investigators

- are advancing more effective and evidence-based treatments for people with voice and swallowing issues.
- are developing new models of care delivery that reduce the health burden of hearing and balance loss in seniors.
- are addressing disparities in access and quality of care that impact children's early communication, learning, and life potential.

## YOU CAN FUEL ADVANCES

You have the power, through philanthropy, to help us expand and marshal the intellectual talent and creativity at Duke toward solving persistent barriers to the full expression of human potential. We cannot fully realize our mission without your partnership and gifts to support out-of-the-box thinking and innovation. Your gifts are used to secure critical resources, including time for current and new faculty to build productive collaborations within Duke and throughout the Research Triangle, to establish sustainable programs of discovery and innovation.

## PARTNER WITH US

Please contact us today to find a partnership opportunity that will be meaningful to you.

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## Department of Head and Neck Surgery & Communication Sciences

Duke University School of Medicine

### About Duke Health

We live in a time of unprecedented potential in biomedical science, education, technology, population and community health, and health care delivery. As one of the world's foremost academic health enterprises, Duke Health integrates the Duke University School of Medicine, Duke University School of Nursing, Duke University Health System, and health programs across the university. Duke Health advances these frontiers through state-of-the-art clinical care, health promotion and disease prevention, breakthrough basic and clinical research, and educational experiences that prepare the next generation of health leaders. Every donor is an important partner in that work, and every gift plays a role in helping Duke Health and its constituent units advance health together.