GENERAL INFORMATION

The University of Kansas School of Medicine (KUMC) Otolaryngology-Head & Neck Surgery (OTO-HNS) training program accepts three new residents each year through the National Resident Matching Program (www.nrmp.org). Applicants must graduate from a LCME-accredited medical school in the United States or Canada and must be able to obtain Kansas and Missouri medical licenses. We receive over 200 applications each year and interview approximately 30 to 40 applicants. Applicants are then ranked on the basis of their preparedness, ability, aptitude, academic credentials, communication skills, and personal demeanor.

Our OTO-HNS residency program consists of five years of training. Resident clinical training occurs at five institutions around the Kansas City metro area and includes the University of Kansas Hospital at KUMC, Truman Medical Center (TMC), St. Luke’s Medical Center (SLMC), Veterans Affairs Medical Center (VAMC) and Children’s Mercy Hospital (CMH). All five years are under the direction of the Department Chairman, Douglas Girod, MD; Residency Program Director, Keith Sale, MD; and Associate Program Directors, Terance Tsue, MD and Lisa Shnayer, MD. Our Department’s research program is directed by the Resident Research Committee under the leadership of the OTO-HNS Director of Research, Dianne Durham, PhD and Director of Clinical Research, Kevin Sykes, MPH.

There are multiple lifestyle and education benefits for the OTO-HNS resident at the University of Kansas. Residents receive a competitive stipend (including annual raises and cost of living increases), as well as health and disability insurance. Kansas City offers a relatively low cost of living, and the majority of our current residents have been able to purchase their own homes.

FOR A DETAILED PROGRAM DESCRIPTION, VISIT OUR WEBSITE AT WWW.KUENT.INFO
SUPERVISION & EVALUATION

The large faculty of full-time Otolaryngology-Head & Neck Surgeons are not only dedicated to the academic development of our resident group of fifteen individuals, but also provide excellent mentorship. It is our goal to give residents comprehensive experience in all areas of our specialty in order for them to become independent, knowledgeable clinicians and surgeons. Residents are given significant, but well-supervised, latitude in the management of both clinical and operative cases. Clinical teaching and research activities are closely monitored by OTO-HNS faculty. Residents are given increased responsibility according to their training level and demonstrated capability.

CONFERENCES & CURRICULUM

All OTO-HNS residents (PGY-1 through PGY-5) participate in a Conference Program that includes the OTO-HNS Curriculum and a Core Competency Curriculum. The Conference Program is reviewed annually and is designed to meet the most current requirements of the American Board of Otolaryngology (ABO), the American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS), and the Accreditation Council of Graduate Medical Education (ACGME).

The OTO-HNS Curriculum is taught on a two-year cycle that results in each resident completing this portion of the Conference Program twice during residency. The Core Competency Curriculum follows a four-year cycle that results in each resident completing this portion of the Conference Program once during residency.

The didactic conferences are supplemented by the annual Temporal Bone Anatomy and Dissection Lab and a Head and Neck Anatomy Lab. In addition, an annual bronchoscopy lab is offered as a part of the resident curriculum. This lab uses videoscopic equipment to provide additional training and expertise in the performance of upper airway endoscopy.
DEPARTMENT RESOURCES

There is access to computer facilities with word processing, spreadsheets, statistical analysis, and reference retrieval. Facilities for image analysis and graphics are supplemented by extensive multimedia facilities, including a large format poster printer in the MRRC. Residents have a shared room that is equipped with desks, phones, stereo, and computers. The KU Hospital and our Department’s outpatient clinic employ an electronic medical record created by EPIC which is called O₂ (Optimal Outcomes). This system is designed to link the entire KU Medical Center enterprise into one record.

Incoming residents receive the Cumming’s Textbook of Otolaryngology; enrollment in the American Academy of Otolaryngology-Head and Neck Surgery’s Home Study Course (PGY-3 and PGY-4 years); and subscriptions to Archives of Otolaryngology-Head and Neck Surgery and Otolaryngology-Head and Neck Surgery. White coats, KUMC parking, medical licenses, and a head mirror are provided.
INTERNATIONAL OUTREACH

We strongly support medical outreach work overseas, starting in Nepal and Kyrgyzstan in the 1990’s. Over the last decade, the Department has supported participation of faculty and residents in medical mission trips to Mexico, the Philippines, Africa, and Guatemala.

In 2004, the Department cofounded the mission to Antigua, Guatemala. The mission to Guatemala has become an annual tradition involving over 70 team participants, 80 surgeries, and 600 patient visits in just six days. The Department’s goal is for all willing residents to participate in a medical mission trip during their later years of residency training, with the hope that they will continue to be involved in medical missions after graduation.
OTOLARYNGOLOGY TRAINING

Otolaryngology Clinical Rotations include the following five institutionally based rotations: KUMC Red Team, KUMC Blue Team, VAMC Team, TMC-CMH Team, and SLMC rotation.

PGY-1 residents each spend two months on a KUMC Team and one month on the TMC-CMH Team. In accordance with ACGME guidelines, Otolaryngology PGY-1 residents complete one month of structured education in the following clinical areas: Emergency Medicine, Critical Care, Anesthesiology, and Neurological Surgery. Furthermore, PGY-1 residents complete five months of additional general surgical education.

PGY-2 residents spend four months on the KUMC Blue Team, four months on the VAMC Team, and four months on the TMC-CMH Team. PGY-3 residents spend four months on the KUMC Blue Team, four months on the TMC-CMH Team, and four months on a research rotation. PGY-4 residents spend four months on the KUMC Red Team, four months on the SLMC rotation, 3 months on the KUMC Blue Team, and one month on a research rotation. PGY-5 residents spend four months each on the KUMC Blue, KUMC Red, and VAMC Teams.
SUBSPECIALTY TRAINING

HEAD AND NECK SURGERY | SKULL BASE SURGERY

The Department of Otolaryngology-Head & Neck Surgery at The University of Kansas has an active program in Head and Neck Surgery and Skull Base Surgery. Due to the presence of microvascular reconstruction expertise within the OTO-HNS staff, head and neck oncologic procedures are performed concurrently with reconstructive procedures; thereby shortening patients’ anesthetic time and increasing operating room efficiency. Training in transfacial and endoscopic surgical approaches to the skull base, endoscopic diverticulectomy, and minimally invasive thyroid/parathyroid surgery is also extensive.
Clinical experience in Otology/Neurotology is overseen by Dr. Hinrich Staecker, Dr. James Lin, and Dr. Greg Ator. A complete range of clinical opportunities is available in the division. Pediatric and adult chronic ear procedures are performed on a regular basis. Middle ear exploration, stapedectomy and ossicular reconstruction are standard at all hospitals. An ample vestibular surgery experience is available with emphasis on conservation procedures for Ménière's disease and occasional ablative procedures. Our cochlear implant program performs 70 adult and pediatric cases per year. Lateral skull base procedures and cerebellopontine angle (CPA) surgery are also available as part of the Skull Base Surgery Team. A team approach with members of the Department of Neurosurgery is utilized for many of these cases.
PEDIATRIC OTOLARYNGOLOGY
The majority of experience and training in Pediatric Otolaryngology is accomplished at Children’s Mercy Hospital (CMH). This training is supplemented by the pediatric otolaryngic experience at KUMC and KU MedWest. Extensive tertiary care for Pediatric Otolaryngology is encountered at CMH, including the evaluation and treatment of basic and complex pediatric airway problems (sleep-disordered breathing secondary to adenotonsillar hypertrophy, congenital and subglottic stenosis, laryngo- and tracheomalacia, recurrent respiratory papillomatosis and chronic respiratory insufficiency requiring tracheostomy). Evaluation and surgical treatment of head and neck neoplasms (juvenile nasopharyngeal angiofibromas, rhabdomyosarcomas, lymphomas, and a variety of congenital branchial cleft/sinus/cysts) will also be encountered.

RHINOLOGY | ALLERGY
Our residents also receive extensive surgical experience in endoscopic sinus surgery. State-of-the-art endoscopic powered instrumentation, suction-irrigation endoscopes, and a stereotactic surgical guidance system provide enhanced training in the most advanced endoscopic techniques (the modified Lothrup procedure, endoscopic leak repairs, and endoscopic resections of anterior cranial fossa neoplasms). In addition, residency training includes clinical and didactic education in the principles of intradermal dilutional testing and allergy immunotherapy.

FACIAL PLASTIC AND RECONSTRUCTIVE SURGERY
Resident training in facial plastic and reconstructive surgery is comprehensive. Hands-on experience in cosmetic and reconstructive aspects is supplemented by didactic lectures given by the faculty.
Research training is provided throughout the residency. Four months during PGY-3 and one month during PGY-4 are dedicated to research. The research rotation is monitored by the Resident Research Committee, which is chaired by the Department’s Director of Research, Dianne Durham, PhD. Generally, data collection is completed during the four month rotation; while data analysis, preparation of presentations, and completion of manuscripts are usually completed after the rotation. During residency, all OTO-HNS residents are required to publish a minimum of one manuscript in a peer-reviewed journal.

The Director of Clinical Research, Kevin Sykes, MPH facilitates clinical research projects. Residents are encouraged to participate in prospective and retrospective projects in collaboration with OTO-HNS faculty. Some retrospective projects are accomplished during clinical rotations and often involve chart reviews or case reports.

The success of resident and faculty research, in both clinical and basic science, is showcased at the Department’s annual Alumni Day Research Symposium, held every June. This day-long forum includes research and clinical presentations by third, fourth and fifth-year residents. Attendees include clinical and research faculty, residents, alumni, community otolaryngologists, and a nationally renowned OTO-HNS guest lecturer. Residents are encouraged to present their projects at a national meeting, such as the annual Academy of Otolaryngology-Head & Neck Surgery meeting or the Association for Research in Otolaryngology Mid-Winter meeting.
FACULTY

DOUGLAS GIROD, MD, FACS
Professor and Russell E. Bridwell
Endowed Chair of Otolaryngology
Senior Associate Dean for Clinical Affairs
Clinical Interests: Head and neck oncology, thyroid and parathyroid surgery, facial plastic and reconstructive surgery

GREGORY ATOR, MD, FACS
Associate Professor
Chief Medical Information Officer, KUH
Fellowship: Neurotology, Baylor University, TX
Clinical Interests: Otology, neurotology, facial nerve and balance disorders

DANIEL BRUEGGER, MD
Associate Professor, Vice Chair
Director, Division of KUMC Pediatric Otolaryngology
Clinical Interests: Pediatric and general otolaryngology, head and neck oncology

DIANNE DURHAM, PHD
Professor
Director of Research
Research Interests: Effects of altered auditory and vestibular experience on the central nervous system, CNS neuronal cell death

CARRIE FRANCIS, MD
Assistant Professor
Fellowship: Pediatric otolaryngology, Rady Children’s Hospital, San Diego, CA
Clinical Interest: Pediatric Otolaryngology

J. DAVID GARNETT, MD, FACS
Associate Professor
Fellowship: Laryngology and voice, Vanderbilt University, Nashville, TN
Clinical Interests: Swallowing disorders, diseases of the larynx, transnasal esophagoscopy

LARRY HOOVER, MD, FACS
Professor
Fellowship: Head and neck oncology & reconstructive surgery, University Liverpool
Clinical Interests: Sinus disease, head and neck oncology, anterior skull base surgery

SHANNON KRAFT, MD
Clinical Instructor
Clinical Interests: General otolaryngology

J. DAVID KRIET, MD, FACS
Associate Professor
Director, Facial Plastic and Reconstructive Surgery
Fellowship: Facial plastic and reconstructive surgery, Oregon Health Sciences University, Portland, OR
Clinical Interests: Facial plastic and reconstructive surgery, rhinoplasty, nasal reconstruction, cleft palate surgery

CHRISTOPHER LARSEN, MD
Assistant Professor
Clinical Interest: General otolaryngology

CLINT HUMPHREY, MD, FACS
Assistant Professor
Fellowship: Facial plastic and reconstructive surgery, University of Illinois-Chicago, IL
Clinical Interests: Facial plastic and reconstructive surgery, rhinoplasty, nasal reconstruction

JAMES LIN, MD
Assistant Professor
Fellowship: Neurotology, House Ear Clinic, Los Angeles, CA
Clinical Interests: Otology, neurotology, facial nerve and balance disorders

KEITH SALE, MD, FAAOA
Assistant Professor
Residency Program Director
Vice Chair of Clinical Operations
Fellowship: Otolaryngic Allergy, American Academy of Otolaryngic Allergy Board Certification
Clinical Interests: Allergy, rhinology, and general otolaryngology

LISA SHNAYDER, MD
Assistant Professor
Associate Residency Program Director
Fellowship: Head and neck surgical oncology, University of Miami-Miami, FL
Clinical Interests: Head and neck oncology, microvascular reconstructive surgery
HINRICH STAECKER, MD, PHD
David and Marilyn Zamierowski Professor in Head and Skull Base Surgical Oncology
Director of Neurotology Division
Fellowship: Neurotology, Massachusetts Eye and Ear Institute, Boston, MA
Clinical Interests: Neurotology, otology, tinnitus management, balance disorders, cochlear implants, acoustic neuromas, skull base surgery

KEVIN SYKES, MPH
Director of Clinical Research
Clinical Interests: Outcomes-based research, research design and development, infectious disease epidemiology

TERANCE TSUE, MD, FACS
Douglas A. Girod Professor in Head and Neck Surgical Oncology and Vice Chair
Associate Dean of Graduate Medical Education
Clinical Interests: Head and neck oncology, microvascular reconstructive surgery, sinus and skull base surgery

JULIE WEI, MD
Associate Professor
President, Women in Medicine and Science
Fellowship: Pediatric Otolaryngology, Children’s Memorial Hospital, Chicago, IL
Clinical Interest: Pediatric otolaryngology
ABOUT KANSAS CITY

The greater Kansas City metropolitan area combines many municipalities on both sides of the Kansas and Missouri state line, encompasses five counties, and has a combined population of 1.9 million people. For the sports enthusiast, KC is home to many professional sports teams–Sporting KC (soccer), the Royals (baseball), and the Chiefs (football). Kansas City is only 40 miles away from Lawrence, Kansas and the 2008 National Championship KU basketball team and the 2008 Championship Orange Bowl team.

The cultural and performing arts are in full bloom in KC with outdoor theaters like the Starlight Theater in Swope Park and the Shakespeare festival held every summer in Southmoreland Park. The newly completed Kauffman Center for Performing Arts hosts national touring companies and will house multiple performance halls, the Kansas City Ballet, the Kansas City Symphony and the Missouri Repertory Theater. The Nelson-Atkins Art Museum is continually ranked as one of the nation’s top art museums. The Kemper Museum of Contemporary Art is just a block away from the Nelson, and has an impressive collection of contemporary American art. Adjacent to both art museums is the Kansas City Art Institute, where many well-known artists (including Walt Disney) were educated.

Kansas City is an area of many cultural traditions and festivals. The metropolitan area hosts the country’s third largest St. Patrick’s Day parade; Croatian community festivals in Strawberry Hill, Scottish Highland games every June; multiple Greek festivals throughout the summer, and Spinach Festival every September in Lenexa. Every fall, the American Royal Livestock, Horse and Rodeo Show kicks off with a parade and the world famous American Royal Barbecue. Despite Kansas City’s reputation as the barbecue capital of the world, plenty of healthful eating is available through the numerous farmers’ markets.