Training the Future Leaders of Cancer Care
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The Head and Neck Service at Memorial Sloan Kettering Cancer Center was established in 1914 and was the first service dedicated to the care of patients with head and neck cancers. Dr. Henry Janeway was appointed the first Chief of the Head and Neck Service and was a pioneer in the use of radiation therapy for patients with head and neck tumors. After his retirement in 1921, his successor Dr. Douglas Quick, continued Dr. Janeway’s work with radium x-rays and radon seeds.

In 1934, Dr. Hayes Martin, the “father” of head and neck surgery as we know it today, was appointed Chief. Dr. Martin popularized fine-needle aspiration biopsy as a diagnostic pre-treatment procedure and also developed new surgical procedures for treating head and neck tumors, including the “Commando Operation,” a radical treatment for oral cancer that involves removal of part of the mandible as well as a neck dissection. In addition to his clinical accomplishments, Dr. Martin was a devoted teacher and mentor to residents and fellows. In 1954, Dr. Martin founded the Society of Head and Neck Surgeons, one of the parent organizations of the American Head and Neck Society.

After Dr. Martin’s retirement in 1957, Dr. Edgar Frazell was appointed the service’s chief. Dr. Frazell was an international leader in the diagnosis and treatment of thyroid cancers. He also served as the president of the Society of Head and Neck Surgeons in 1966.

Dr. Elliot Strong joined the Head and Neck Service in 1963 and became its Chief in 1969. During his time in this position, Dr. Strong contributed to major advances in the field, including new treatments stemming from surgeons collaborating with radiation and medical oncologists. Dr. Strong also promoted immediate reconstruction of surgical defects following resection of the primary tumor using local and free flaps. The one-year clinical fellowship he established in 1979 is the model still in use today.

Dr. Jatin Shah was recruited to MSK in 1974. During his first years on the service, Dr. Shah introduced myocutaneous flaps and free jejunal flaps, which opened the door to additional microvascular reconstruction techniques, including the fibular free flap described by Dr. David Hidalgo. Dr. Shah became Chief in 1992.
By carefully selecting surgeons and recruiting them to the service, Dr. Shah created a team that would lead the field of head and neck cancer in both clinical and translational research. During his 23 years as Chief, Dr. Shah became a world leader in the field of head and neck cancer and the service continued to be a center of excellence in patient care, research, and education. In 2015, Dr. Shah stepped down as Chief to dedicate more time towards the education of the next generation of head and neck surgeons, both within MSK and internationally through the Online Head and Neck Fellowship Program of the International Federation of Head and Neck Oncologic Societies, both of which he founded.

In 2015, Dr. Richard Wong, an MSK trained surgeon, and scientist was appointed chief of the Head and Neck Service to continue the legacy of leadership and innovation for the benefit of head and neck cancer patients.

**Surgery**

The Head and Neck Service cares for more than 3,172 new patients, performs approximately 1768 surgical procedures, and manages more than over 14,339 outpatient visits each year. As one of the largest referral centers in the world, MSK receives patients from the greater New York area, the United States, and around the globe.

With new cutting-edge diagnostic and therapeutic technologies, the Head and Neck service at MSK is always at the front. These include transoral robotic surgery (TORS), endoscopic skull base surgery and transoral laser microsurgery (TLM) for early laryngeal cancer.

**Disease Management Team (DMT)**

Our integrated disease management team (DMT) consists of head and neck surgeons, plastic and reconstructive surgeons, neurosurgeons, medical oncologists, radiation oncologists, pathologists, radiologists, basic scientists, speech and voice therapists and dedicated nursing staff.

The Head and Neck DMT is leading wide variety novel translational studies and clinical trials defining the role of genomics, precision oncology, immunotherapy, molecular serum and salivary markers, resistance mechanisms, the tumor microenvironment, de-escalation of therapy for human papilloma virus associated cancers, proton beam radiation, and other factors in the management of head and neck cancers.
Overview

The Head and Neck Oncologic Surgery Fellowship Program at Memorial Sloan Kettering Cancer Center is one of the most comprehensive and competitive programs in the United States. The fellowship program is accredited by the Advanced Training Council of the American Head and Neck Society (AHNS) and is designed for graduates of residency programs in otolaryngology, general surgery, and plastic surgery who seek state-of-the-art training in head and neck oncologic surgery and a multidisciplinary approach in management of head and neck cancer patients. The fellows are selected through the AHNS computerized matching system every year. The candidates are ranked according to their career goals, past achievements, and an in-person interview. The program offers a one-year clinical fellowship, a two-year combined clinical and research fellowship, or a three-year program that includes a clinical year and two years of basic research supported by a T32 training grant from the National Institutes of Health.

Clinical Training

The fellowship program provides intensive hands-on surgical training in complex ablative head and neck oncologic surgery and minimally invasive techniques. This includes composite resection of tumors of the oral cavity and oropharynx, craniofacial resection of sinonasal tumors, excision of advanced skin cancers, salivary gland tumors, early and advanced laryngeal and hypopharyngeal cancers, parapharyngeal space tumors, advanced thyroid cancers, Trans Oral Robotic Surgery (TORS), Transoral Laser Microsurgery (TLM), and endoscopic skull base surgery including trans-nasal approach to pituitary and other skull base tumors.

In recent years, the major components of our fellows’ operative volume have been: 25% thyroid, 15% oral cavity, 15% neck dissection, 10% endoscopic/robotic, 10% complex cutaneous, 5-10% salivary, and 5-10% skull base. Local, regional and myocutaneous flaps and reconstruction are done by the head and neck service while microvascular free flap reconstruction is performed by the plastic surgery service.
Each year, Memorial Sloan Kettering diagnoses and treats more than 3,500 people with head and neck cancer. Our team includes more than 45 medical professionals who focus exclusively on these diseases.

The clinical rotation consists of a 12-month period wherein fellows are responsible for preoperative and postoperative patient care, and are involved in surgical operations under the direction of the attending surgeons. Each fellow performs 350-400 procedures during the year of clinical rotation. Fellows work with a multidisciplinary team of physicians and other professionals specializing in head and neck oncology to ensure the optimal treatment for each patient. Our integrated disease management team (DMT) consists of head and neck surgeons, plastic and reconstructive surgeons, neurosurgeons, medical oncologists, radiation oncologists, maxillofacial prostodontists, pathologists, radiologists, basic scientists, speech and voice therapists and dedicated nursing staff. Fellows have 3 weeks of vacation time annually. There is full-time NP coverage for inpatients (3 NPs), 4 PA’s assist in the OR, clinic, and with floor work, and fellows assist in the instruction of a full team of rotating residents from 4 local residency programs.

Education

Didactic lectures and clinical case-based learning are emphasized during the fellowship. One key educational component is the tumor board. This is a multidisciplinary group in which complex medical decision-making takes place among the faculty through discussion of the literature and the expected risks, benefits, and alternatives of treatment. Additional weekly lectures are given by the faculty on all subjects within head and neck surgical oncology. Fellows also gain experience by participating in outpatient clinics, rounds, lectures, seminars, journal club, and research conferences. Fellows have access to all conferences at Memorial Sloan Kettering Cancer Center.

There are currently approximately 50 formal conferences per year and 4-6 cancer-related lectures each week. Fellows may also enroll in various career enhancement programs at Weill Cornell Medical College and are invited to participate in external training activities that are organized by the Head and Neck Service, including a trans-oral endoscopic laser microsurgery course and the Current Concepts in Head and Neck Surgery course, both held annually. Fellows are also given an opportunity to supervise and instruct residents.

Research Opportunities

There are ample opportunities to participate in clinical research during the 12 month clinical fellowship, and most of our fellows complete and publish clinical research manuscripts during their fellowship. MSK provides a research methodology course for surgical fellows at the beginning of each year. Our attending staff provide mentorship and guidance on research projects utilizing Head and Neck service databases, or national cancer registries, to answer clinical questions. Our service’s outcomes researchers and research staff actively maintain databases for 6 types of cancer, comprising 7000 patients treated at MSK. Research support staff are available to assist fellows with the full range of research endeavors, from protocol submission, data management, analyses, and abstract/manuscript preparation.

We offer a dedicated research fellowship funded by an NIH T32 grant for fellows who seek additional training in laboratory and translational research, with opportunities to devote 2 years of full time effort with no clinical responsibilities, in fields such as cancer genetics, tumor immunology, molecular imaging, thyroid carcinogenesis, or experimental therapeutics.
Richard J. Wong, MD, FACS

Attending Surgeon
Chief, Head and Neck Service
Memorial Sloan Kettering Cancer Center

Professor of Otolaryngology
Weill Cornell Medical College

Education: MD, Harvard Medical School
Residency: Harvard Otolaryngology Residency Program
Fellowship: Memorial Sloan Kettering Cancer Center
Richard Wong is the Chief of the Head and Neck Service. He leads a team of eleven head and neck surgeons who have expertise and national reputations in all aspects of head and neck oncologic surgery, including robotic surgery, transoral laser microsurgery, and endoscopic skull base surgery. Dr. Wong is a co-director of the Head and Neck Disease Management Team, and promotes multi-disciplinary approaches to patient management with team members from Medical Oncology, Radiation Oncology, Endocrinology, Plastic Surgery, Dentistry, and Speech and Swallowing.

Dr. Wong is committed towards fellow and resident education and is the Principal Investigator on a Head and Neck Surgical Oncology T32 Training Grant from the National Institutes of Health. He has also trained numerous research fellows, many of whom have gone on to develop their own independent research programs. He serves as the site director for the Cornell/Columbia otolaryngology residency program and is actively involved in the training and evaluation of residents and clinical fellows.

Dr. Wong has particular expertise in the surgical removal of thyroid cancer, nodal metastases from thyroid cancer, and recurrent thyroid cancer. He also has a strong interest in treating all aspects of head and neck oncology, including oral cancer, salivary tumors, malignant melanoma, and a variety of other tumor types.

Dr. Wong is a scientist and the Principal Investigator of an R01 grant from the National Cancer Institute. His laboratory group explores the molecular and cellular mechanisms underlying cancer perineural invasion. Dr. Wong directs an NIH-funded research laboratory that seeks to elucidate the cellular and molecular mechanisms of perineural invasion. His group collaborates with investigators from the Sloan Kettering Institute in cell biology and infectious disease. Dr. Wong’s research previously focused on investigating how replication-competent, genetically modified oncolytic viruses may be used for the therapy of solid tumors.

Dr. Wong’s laboratory has been previously been funded by grants from the National Institute of Dental and Craniofacial Research, the American Society of Clinical Oncology, the American College of Surgeons, the American Head and Neck Society, and the Flight Attendant Medical Research Institute.
Jay O. Boyle, MD, FACS

Attending Surgeon
Memorial Sloan Kettering Cancer Center
Professor of Clinical Otolaryngology
Weill Cornell Medical College

Education: MD, University of Arizona College of Medicine
Residency: The Johns Hopkins Hospital
Fellowship: Memorial Sloan Kettering Cancer
University of Arizona Cancer Center
Dr. Boyle joined MSK in 1999 and was named Director of the fellowship training program in 2002-2016. Dr. Boyle has collaborated with Dr. Andrew Dannenberg to study carcinogenesis and prevention of tobacco smoke–related cancers. Together with more than a dozen head and neck fellows who trained with them over a 15-year period, they translated many important findings into clinical trials for cancer prevention. Dr. Boyle received NIH grants to study the efficacy of Cox-2 inhibitors and NSAIDS in oral leukoplakia. He has collaborated with investigators around the country and the world to study the prevention of cancer with EGFR inhibitors and PPAR gamma ligands.

Dr. Boyle has served on the executive council of the American Head and Neck Society as Research Committee Chair and Program Chair and on the executive council of the International Academy of Oral Oncology. He is the current president of the New York Head and Neck Society.

**Selected Publications**


Marc A. Cohen, MD, MPH

Assistant Attending Surgeon
Memorial Sloan Kettering Cancer Center
Assistant Professor of Otolaryngology
Weill Cornell Medical College

Education: MD, University of Pennsylvania
MPH, Columbia University
Residency: Hospital of the University of Pennsylvania
Fellowship: Princess Margaret Cancer Centre, Toronto General Hospital
Marc Cohen is a head and neck cancer and skull base surgeon who specializes in caring for people with cancerous and noncancerous tumors of the head and neck and skull base. The diseases he treats as part of the multidisciplinary skull base tumor team include skull base tumors such as sinus cancers, pituitary adenomas (tumors of the pituitary gland), meningiomas and craniopharyngiomas (brain tumors), and chordomas (tumors of the bones of the skull and spine). In addition, Dr. Cohen treats patients with head and neck and thyroid cancer. As part of the MSK team, he works to use minimally invasive surgical techniques whenever possible.

Dr. Cohen's research focuses on patients’ outcomes after treatment for head and neck and skull base tumors. He is specifically interested in studying quality of life following minimally invasive and endoscopic surgeries, focusing on cancer treatments that offer the potential for the fewest possible side effects.
Ian Ganly, MD, PhD, MSc, FRCS(Gls,Ed), FRCS-ORL(Ed)

Associate Attending Surgeon
Memorial Sloan Kettering Cancer Center
Associate Professor of Otolaryngology
Weill Cornell Medical College

Education: MD, University of Glasgow
PhD, University of Glasgow
MSc, Columbia University

Residency: West of Scotland NHS Teaching Hospitals
Fellowship: Royal College of Physicians and Surgeons, Glasgow FRCS(Gls)
Royal College of Surgeons, Edinburgh FRCS(Ed)
Memorial Sloan Kettering Cancer Center
Selected Publications


Ian Ganly was a clinical fellow at MSK from 2003 to 2005, during which time he was awarded the prestigious Michael E. Burt Fellow of the Year award for outstanding surgical excellence. Following his fellowship, he returned to his native Scotland, where he was an Attending Head and Neck Surgeon at the University of Edinburgh from 2005 to 2008. In 2008 he returned to MSK to take up his current position in the Head and Neck Service. Dr. Ganly has had fellowships in general surgery and otolaryngology–head and neck surgery from the Royal College of Surgeons, Edinburgh. He also has a PhD in molecular oncology from the University of Glasgow. Recently he was awarded an MSc in biostatistics and clinical research methods from the Mailman School of Public Health, Columbia University, New York.

His surgical interests are in thyroid surgery, skull base surgery, and minimally invasive surgery with trans-oral endoscopic laser and robotic surgery. His clinical research has largely focused on outcomes based on the development and analysis of large databases on thyroid cancer, salivary gland cancer, and oral cavity and oropharyngeal cancer. He also has strong interests in translational research focused on the application of genomics in thyroid and head and neck cancer. He collaborates with Dr. Timothy Chan and Dr. James Fagin at the Human Oncology Pathogenesis Program at MSK on these projects. He has been the principal investigator for MSK for the Cancer Genome Atlas thyroid cancer project and was responsible for the identification and recruitment of the thyroid cancer patients who participated in this study. He is currently carrying out genomics projects on Hurthle cell cancer and poorly differentiated thyroid cancer to identify the pathways involved in the pathogenesis of these cancers and identify potential targets for treatment.
Luc Morris, MD, MSc, FACS

Associate Attending Surgeon
Catherine and Frederick J. Adler Chair for Junior Faculty
Director, Fellowship Training Program in Head and Neck Surgery
Memorial Sloan Kettering Cancer Center

Associate Professor of Otolaryngology
Weill Cornell Medical College

Education: MD, New York University School of Medicine
MSc, Columbia University

Residency: NYU Medical Center

Fellowship: Memorial Sloan Kettering Cancer Center
Luc Morris is an Associate Attending Surgeon on the Head and Neck Service and holds an Adlerian Junior Faculty Chair at MSK. Dr. Morris was appointed fellowship director in 2016. Luc grew up in Northern California, and attended Brown University, New York University School of Medicine, and Columbia University. After residency at NYU, he was a head and neck surgery fellow at MSK. He has clinical expertise in transoral laser microsurgery (TLM) for laryngeal and oropharyngeal tumors, and in the incorporation of these technologies into the broader landscape of evolving multidisciplinary therapies. He also heads an NIH-funded laboratory research group focused on cancer genomics as applied to squamous cell and salivary tumors, and an epidemiologic research program studying thyroid cancer overdiagnosis and overtreatment.
Snehal G. Patel, MD, MS, FRCS

Attending Surgeon
Memorial Sloan Kettering Cancer Center

Professor of Otolaryngology
Weill Cornell Medical College

Education: MD, Shree Sayaji General Hospital & Medical College, Maharaja Sayajirao University of Baroda

Residency: Shree Sayaji General Hospital & Medical College

Fellowships: Tata Memorial Hospital, The Royal Marsden Hospital, Memorial Sloan Kettering Cancer Center
Snehal Patel is working to improve care of people with head and neck cancers with a multipronged research program that includes development of new technology for in vivo imaging and minimally invasive treatment of tumors; evaluation of patient expectations and development of novel patient education techniques; development of statistical methods for predicting individualized outcomes; and assessment of quality of care, patient satisfaction, and quality of life. He holds a US patent for a novel endoscopic laser-steering device that is currently being developed for minimally invasive surgical applications. His research efforts have been funded by intra- and extramural grants totaling over $1.5 million. He currently leads clinical trials at MSKCC using Targeted Silica Nanoparticles for Image-Guided Sentinel Lymph Node Mapping for Patients with Melanoma of the Head and Neck, Imaging Oral Cancer In Vivo using Confocal Reflectance Microscopy, and PARP1 based Intra-operative Imaging of Cancer of the Oral Cavity.
Benjamin Roman, MD, MSHP

Assistant Attending Surgeon
Memorial Sloan Kettering Cancer Center
Assistant Professor of Otolaryngology
Weill Cornell Medical College

Education: MD, Mount Sinai School of Medicine
MSHP, University of Pennsylvania School of Medicine

Residency: NYU Medical Center

Fellowship: Memorial Sloan Kettering Cancer Center
University of Pennsylvania School of Medicine
Robert Wood Johnson Clinical Scholars Program
Benjamin Roman is a head and neck surgeon and health services researcher. Clinically, he specializes in the treatment of head and neck cancers, thyroid cancer, and skin cancer. Dr. Roman takes a team approach with his colleagues, focused on choosing individualized treatments to achieve the best outcomes.

Health services research in general aims to develop innovative ways to ensure the highest-quality and highest-value care so that patients can return to their lives as quickly as possible. Dr. Roman’s research in healthcare delivery is based on this desire to individualize and improve treatment decisions. He takes pride in helping his patients navigate decisions regarding their cancer treatment and quality of life after treatment, based on the things that really matter to them.

Selected Publications


Jatin Shah, MD

Senior Attending Surgeon  
Elliot W. Strong Chair in Head and Neck Oncology  
Memorial Sloan Kettering Cancer Center  
Professor of Surgery  
Weill Cornell Medical College

Education: MD, Medical College, MS University, Baroda (India)  
Residency: New York Infirmary  
Fellowship: Memorial Sloan Kettering Cancer Center  
Diplomate, American Board of Surgery
Jatin Shah has extensive experience and expertise in all aspects of head and neck surgery, including skull base and sinus surgery, salivary and thyroid tumors, and tumors of the oral cavity, pharynx, larynx, and trachea. He has developed, devised and revised many new surgical procedures for access and resection at the skull base and for laryngotracheal and mediastinal tumors, with the goal to preserve organ function and facial appearance to a far greater degree than was previously possible. His technical expertise is known worldwide.

Dr. Shah has been actively involved in training the next generation of hundreds of head and neck cancer surgeons for the past four decades. Under his leadership, the MSK fellowship program, grew from 2 to eight fellows supported by an NIH T32 grant since 1992. The fellowship program draws talented surgeons to MSK from all over the world as fellows or observers. In addition, Dr. Shah has developed the unique Global Online Fellowship program, from which nearly 200 surgeons from 49 countries are currently receiving training.

In addition to his clinical, teaching, training, and research activities at MSK, Dr. Shah is an internationally recognized leader who has served as president of the Society of Head and Neck Surgeons, the North American Skull Base Society, the New York Head and Neck Society, the New York Cancer Society, and the International Academy of Oral Oncology. He founded the International Federation of Head and Neck Oncologic Societies (IFHNOS) and serves as its Chief Executive Officer. The award-winning textbooks written by him are state-of-the-art resources in head and neck surgery. He has been awarded Honorary Fellowships from the Royal Colleges of Surgeons of England, Edinburgh, Ireland and Australia, and has received Honorary PhD degrees from Belgium and Greece, as well as an Honorary DSc from India. He is recipient of the Blokhin Gold Medal from Russia, Janeway Medal from the American Radium Society and the Ellis Island Medal of Honor. Amongst his numerous awards and Honorary Memberships in scientific societies al over the world, he has received Life Time achievement awards from scientific societies from all five continents in the world. Over the years, he has also served in varying capacities on the American Board of Surgery, the Commission on Cancer of the American College of Surgeons, as Chairman of the Advanced Training Council for Head and Neck Surgery as well as Chairman of the Head and Neck task force of the American Joint Committee on Cancer. He has authored 11 books, 82 chapters, and over 550 peer reviewed publications. He has elivered over 1600 scientific presentations and 90 eponymous lectures. In recognition of his extra ordinary contributions and achievements in Head and Neck Surgery, the IFHNOS has established the Jatin Shah Lecture at it’s world congresses, The American Head and Neck Society has established an Annual symposium in his name, and MSK has established the Jatin P Shah, endowed Chair in Head and Neck Surgery.
Ashok Shaha, MD, FACS

Attending Surgeon
Jatin P. Shah Chair in Head and Neck Surgery
Memorial Sloan Kettering Cancer Center

Professor of Surgery
Weill Cornell Medical College

Education: Medical College, University of Baroda (India)
Residency: SUNY Downstate Medical Center
Fellowship: Memorial Sloan Kettering Cancer Center
Dr. Shaha completed his surgical training in India and at Downstate Medical Center in Brooklyn. He did his Surgical Oncology and Head and Neck Fellowship at Memorial Hospital. He joined the Department of Surgery at Downstate Medical Center, rising to the rank of Professor of Surgery in 1992. During this period, he was also Chief of Head and Neck Surgery at King’s County, Brooklyn VA Hospital and University Hospital. In August of 1993, Dr. Shaha moved to Sloan Kettering.

He received the Golden Apple Teaching Award at Downstate. Other awards - Faculty Member of the AOA, the Outstanding Teacher Award at MSK, the Honor Award and Distinguished Service Award from the AAO-HNS. He was President of the New York Head and Neck Society, the American Society for Surgeons of Indian Origin, and the Brooklyn Surgical Society. He was Co-President of the American Head and Neck Society, 1999 and was President of the New York Cancer Society and New York Surgical Society. He serves on the editorial board of the Journal of Surgical Oncology, Head and Neck, Annals of Surgical Oncology, Brazilian Journal of Surgery, and Journal of Clinical Oncology. He is an honorary member of the Brazilian College of Surgeons, the Cuban Surgical Society, Association of Surgeons of India, the Korean Head and Neck Society, Latin Head and Neck Society, Panamanian Society of Oncology, Chilean College of Surgeons, and Costa Rican Endocrine Society. He was the Program Chairman of the Fifth International Head and Neck Oncology Meeting in San Francisco (2000) and served as the Conference Chairman for the Sixth International Head and Neck Meeting in 2004. He was President of the American Association of Endocrine Surgeons. Recently he was elected to the American Surgical Association. In July 2016, he delivered the Hayes Martin Lecture. For the past four years he has been Director of International Federation of Head and Neck Societies and has traveled twice for IFHNOS World Tour.

Dr. Shaha has published 650 papers, 515 of which are peer-reviewed. His Curriculum Vitae includes 150 published abstracts, 63 posters and 45 scientific exhibits. His research interests include tracheal reconstruction and an experimental model of tracheomalacia and thyroid cancer.

Dr. Shaha has dedicated his professional career to the training of medical students and residents and has developed a preceptorship program at Cornell University Medical College in head and neck training for medical students. He was Chairman of the Advanced Training Council for Head and Neck Oncology Fellowships in the USA for ten years and recipient of the Distinguished Service Award by the Head and Neck Society twice.
Bhuvanesh Singh, MD, PhD, FACS

Attending Surgeon
Director, Laboratory of Epithelial Cancer Biology
Director, Speech and Hearing Center
Memorial Sloan Kettering Cancer Center
Professor of Otolaryngology
Weill Cornell Medical College

Education: MD, SUNY Downstate College of Medicine
           PhD, Netherlands Cancer Institute, University of Amsterdam

Residency: SUNY Downstate Medical Center
Fellowship: Memorial Sloan Kettering Cancer Center
In addition to providing clinical care to patients with head and neck cancer, Bhuvanesh Singh helped to establish the Advanced Skin Cancer Management and Prevention Program at MSK. His laboratory focuses on the identification of novel approaches to treating head and neck cancer.

Dr. Singh's work was among the first to identify the significance of the PIK3CA/AKT pathway in head and neck and lung cancers. His laboratory also identified a novel gene, SCCRO, and revealed the gene as a major driver of the behavior of head and neck cancer, as well as many other human cancers. His team's findings have been validated by results and analysis performed by The Cancer Genome Atlas, not only in head and neck cancers, but also in lung, ovarian, cervical, and breast cancers. Having defined the biochemical function of SCCRO, Dr. Singh and his collaborators went on to complete a high-throughput screen and identified novel lead compounds, which they are now developing for use in human trials.
Assistant Attending Surgeon
Head and Neck Service
Gastric and Mixed Tumor Service
Memorial Sloan Kettering Cancer Center

Assistant Professor of Surgery
Weill Cornell Medical College

Education: MD, Stritch School of Medicine
Residency: Duke University Medical Center
Fellowship: Memorial Sloan Kettering Cancer Center
Brian Untch is a board-certified surgeon who cares for patients with benign and cancerous endocrine and neuroendocrine (carcinoid) tumors. This includes diseases of the parathyroid, thyroid, adrenal glands and the gastrointestinal tract. Because these conditions are often complex, Dr. Untch works closely with colleagues in endocrinology, medical oncology, radiology, gastroenterology and pathology to deliver state-of-the-art multidisciplinary care. In addition to endocrine and neuroendocrine conditions, Dr. Untch also has a special interest in caring for patients with genetic and familial endocrine diseases including Multiple Endocrine Neoplasia (MEN) I, IIa, and IIb, von Hippel-Lindau Syndrome (VHL), paraganglioma syndromes, Cowden’s Disease, familial hyperparathyroidism, familial medullary thyroid cancer, and Carney Complex.

Dr. Untch’s research focuses on mechanisms of thyroid and neuroendocrine tumor progression and responses to therapy in the Human Oncology and Pathogenesis Program. Using genetically accurate models of cancer, he explores why certain tumors are more aggressive than others (such as poorly differentiated or anaplastic thyroid cancers) and how best to treat these with various interventions. Dr. Untch has been awarded multiple grants including those from the American Thyroid Association, the American Surgical Association, the Dana Foundation and the American Association of Endocrine Surgeons.

Selected Publications


Abdelgadir Adam M, Untch BR, Danko ME, Stinnett S, Dixit D, Koh JJ, Marks JR, Olson JA Jr. Severe obesity is associated with greater symptoms, higher parathyroid hormone levels, and increased gland weight in primary hyperparathyroidism. *J Clin Endocrinol Metab* 2010; 95:4917-24.

2012


2015


2016


1979-1980  Richard A. Lopchinsky
            General Surgery, Phoenix, AZ

1980-1981  Gaetano DeRose
            General Surgery, London Health Sciences,
            London, ON, Canada

1981-1982  Ashok R. Shaha
            Attending Surgeon, Head and Neck Service, MSK,
            New York, NY

1982-1983  Walter King
            Director, Plastic and Reconstructive Surgery,
            Santitorium Hospital, Hong Kong

1983-1984  Larry Sheman
            ENT, Private Practice, New York, NY

1984-1985  Barry Wenig
            Director of the Head and Neck Surgery Center,
            University of Illinois, Chicago, IL

1985-1986  Robert T. Parrish
            ENT, Midwest ENT Associates, Peoria, IL

1986-1988  Soo Khee Chee
            Director of the National Cancer Center
            of Singapore

1987-1988  Jeffrey Spiro
            ENT, University of Connecticut,
            Farmington CT

1988-1989  Thomas R. Loree
            Otolaryngology/Surgery, Sisters of Charity
            Hospital, Buffalo, NY

1989-1990  Sanford Dubner
            Head and Neck Surgery, North Shore LIJ,
            New Hyde Park, NY

1990-1991  Dennis Kraus
            Director of the New York Head and Neck
            Institute, North Shore LIJ, New York, NY
1991-1992  Mark DeLacure  
Associate Professor, Otolaryngology,  
NYU Langone Medical Center, New York, NY

1992-1994  Bruce Davidson  
Professor and Chair, Otolaryngology,  
Georgetown University, Washington DC

1993-1994  Christopher Hughes  
Consultant Head and Neck Surgeon,  
St. Vincent's Hospital, Sydney, Australia

1993-1995  Peter Andersen  
Otolaryngology, OHSU, Portland, OR

1993-1995  William Lydiatt  
Director, Head and Neck Surgery, Vice Chair,  
Otolaryngology, University of Nebraska,  
Omaha, NE

1994-1996  Daniel Kelley  
ENT Private Practice, Salisbury, MD

1995-1996  Gary Morgan  
Clinical Associate Professor, University of Sydney, Australia

1996-1997  Paul Friedlander  
Associate Professor and Chair of Otolaryngology,  
Tulane University, New Orleans, LA

1995-1997  Sal Caruana  
Otolaryngology, New York Presbyterian,  
Columbia and Cornell, New York, NY

1996-1998  Dennis Teck-Hock Lim  
Head and Neck Surgeon, Private Practice,  
Mt. Elizabeth Hospital, Singapore

1997-1998  Anthony Tufaro  
Vice Chair of Plastic Surgery, Johns Hopkins Medical Center, Baltimore, MD

1996-1998  Jay O. Boyle  
Associate Attending Surgeon, Head and Neck Service,  
MSK, New York, NY

1997-1999  John Carew  
Otolaryngology Head and Neck Surgery,  
Private Practice, New York, NY

1997-1999  Bhuvanesh Singh  
Attending Surgeon, Head and Neck Service,  
MSK, New York, NY

1998-2000  Paul Kodeshian  
Head and Neck Surgeon, Ronald Reagan  
UCLA Medical Center, Santa Monica, CA

1998-2000  Snehal G. Patel  
Attending Surgeon, Head and Neck Service,  
MSK, New York, NY

1999-2000  Joseph Califano  
Director, Head and Neck Cancer Center, UC San Diego, CA

1999-2001  Richard J. Wong  
Chief, Head and Neck Service, MSK,  
New York, NY

2000-2003  Brandon G. Bentz  
Otolaryngology, Salt Lake City, UT

2001-2002  Maria Evasovich  
Surgical Oncologist, University of Minnesota Medical Center, Minneapolis, MN

2002-2003  Erik Cohen  
Director of Head and Neck Surgery, Morristown Medical Center, Morristown, NJ

2001-2004  David Kutler  
Associate Attending, New York Presbyterian,  
Cornell University, New York, NY

2002-2004  Ellie Maghami  
Chief, Head and Neck Surgery, City of Hope,  
Duarte, CA

2003-2004  Kepal Patel  
Chief, Division of Endocrine Surgery,  
NYU Langone Medical Center, New York, NY

2003-2005  Ian Ganly  
Associate Attending Surgeon, Head and Neck Service,  
MSK, New York, NY

2002-2005  Neil Gross  
Head and Neck Surgeon, MD Anderson Cancer Center, Houston, TX

2003-2005  Susan McCammon  
Associate Professor of Otolaryngology,  
University of Texas Medical Branch, League City, TX

2005-2007  Jennifer Bocker  
Head and Neck Surgery Private Practice, Golden, CO

2007-2009  Jerry Castro  
ENT, Guam Memorial Hospital, Tamuning, Guam

2008-2009  Silvio Gharardo  
Attending Surgeon, Mercy Medical Center,  
Cedar Rapids, IA

2007-2009  Vincent Reid  
Attending Surgeon, Mercy Medical Center,  
Cedar Rapids, IA

2006-2008  Vishal Choksi  
Chief of Head and Neck Surgery, Apollo Hospitals,  
Ahmedbad, India

2006-2008  Ziv Gil  
Chairman, Otolaryngology, Rambam Medical Center, Haifa, Israel
<table>
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<tr>
<th>Years</th>
<th>Name</th>
<th>Position</th>
<th>Institution</th>
<th>Location</th>
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<tr>
<td>2007-2008</td>
<td>Patrick Sheahan</td>
<td>Consultant Otolaryngologist</td>
<td>South Infirmary Victoria University Hospital, Cork, Ireland</td>
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<td>2007-2009</td>
<td>Benjamin Judson</td>
<td>Assistant Professor of Otolaryngology</td>
<td>Yale School of Medicine, New Haven, CT</td>
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<td>2007-2010</td>
<td>Daniel Price</td>
<td>Assistant Professor of Otolaryngology</td>
<td>Mayo Clinic, Rochester, MN</td>
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<td>2007-2009</td>
<td>Ben Saltman</td>
<td>Assistant Professor of Otolaryngology</td>
<td>North Shore LIJ, New Hyde Park, NY</td>
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<td>2008-2009</td>
<td>Nishant Agrawal</td>
<td>Chief Head and Neck Surgery</td>
<td>University of Chicago, Chicago, IL</td>
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<td>2008-2009</td>
<td>Hin Ngan Tay</td>
<td>Otolaryngologist</td>
<td>Head and Neck Surgeon, Mt. Elizabeth Hospital, Singapore</td>
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<td>2008-2010</td>
<td>Babak Givi</td>
<td>Assistant Professor of Otolaryngology</td>
<td>NYU Langone Medical Center, New York, NY</td>
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<td>2008-2010</td>
<td>Jeffrey Liu</td>
<td>Assistant Professor of Otolaryngology</td>
<td>Temple University, Philadelphia, PA</td>
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<td>2009-2010</td>
<td>Arnbjorn Toset</td>
<td>General Surgery, Private Practice</td>
<td>Long Island, NY</td>
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<td>2011-2012</td>
<td>Iain Nixon</td>
<td>Head and Neck Surgeon</td>
<td>NHS Lothian and Edinburgh University, Edinburgh, United Kingdom</td>
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<td>2009-2010</td>
<td>Gopal Iyer</td>
<td>Chief Head and Neck Surgery</td>
<td>Singapore General Hospital, Singapore</td>
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<td>2010-2011</td>
<td>Arash Mohebati</td>
<td>General Surgery, John Muir Health</td>
<td>Walnut Creek, CA</td>
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<td>2009-2011</td>
<td>Luc Morris</td>
<td>Assistant Attending Surgeon</td>
<td>Head and Neck Service, MSK, New York, NY</td>
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<td>2010-2011</td>
<td>Rahmatullah Rahmati</td>
<td>Assistant Professor, New York Presbyterian</td>
<td>Columbia University, New York, NY</td>
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<td>2010-2011</td>
<td>James Paul O'Neill</td>
<td>Professor of Otolaryngology</td>
<td>Royal College of Surgeons in Ireland, Dublin, Ireland</td>
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<td>2011-2013</td>
<td>Volkert Wreesemann</td>
<td>Head and Neck Surgeon</td>
<td>Netherlands Cancer Institute, Amsterdam, The Netherlands</td>
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<td>2010-2012</td>
<td>Natalya Chernichenko</td>
<td>Chief of Head and Neck Surgery</td>
<td>SUNY Downstate Medical Center, Brooklyn, NY</td>
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<td>2011-2014</td>
<td>Allen Ho</td>
<td>Director of Head and Neck Oncology</td>
<td>Cedars-Sinai Medical Center, Los Angeles, CA</td>
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<td>2011-2013</td>
<td>Andrew G. Shuman</td>
<td>Assistant Professor of Otolaryngology</td>
<td>University of Michigan, Ann Arbor, MI</td>
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<td>2012-2014</td>
<td>Mina Le</td>
<td>Otolaryngology</td>
<td>West Palm Beach VA Medical Center, Riviera Beach, FL</td>
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<td>2012-2014</td>
<td>William McNamara</td>
<td>General Surgery</td>
<td>Medical City Hospital, Dallas, TX</td>
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<tr>
<td>2012-2015</td>
<td>Benjamin R. Roman</td>
<td>Assistant Attending Surgeon</td>
<td>Head and Neck Service, MSK, New York, NY</td>
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<td>2013-2014</td>
<td>Yamil Castillo-Beauchamp</td>
<td>Head and Neck Surgery</td>
<td>San Juan, Puerto Rico</td>
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<td>2013-2015</td>
<td>Pablo Montero Miranda</td>
<td>Head and Neck Surgery</td>
<td>University Hospital, Santiago, Chile</td>
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<tr>
<td>2012-2015</td>
<td>Andres Lopez-Albaitero</td>
<td>ENT, Private Practice</td>
<td>Western Reserve Hospital, Stow, OH</td>
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<tr>
<td>2013-2015</td>
<td>Laura M. Dooley</td>
<td>Assistant Professor of Otolaryngology</td>
<td>University of Missouri School of Medicine, Columbia, MO</td>
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<td>2015 - 2016</td>
<td>Gregory Beddell</td>
<td>Western Reserve Hospital</td>
<td>Petah Tikva, Israel</td>
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<td>2015-2016</td>
<td>Paul Lennon</td>
<td>St. James's Hospital</td>
<td>Dublin, Ireland</td>
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<td>2015-2016</td>
<td>Magis Mandaptophil</td>
<td>University of Marburg</td>
<td>Marburg, Germany</td>
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<td>2014-2016</td>
<td>Aviram Mizrachi</td>
<td>Otolaryngology</td>
<td>Rabin Medical Center, Petah Tikva, Israel</td>
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</table>
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