



American Head and Neck Society Fellowship Programs 2019

**The Advanced Training Council
For Approval of Training in
Head and Neck Oncologic Surgery**

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Beth Israel Medical Center

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Mark L. Urken, MD, FACS

Michael Via, MD

Margaret Brandwein Weber, MD

Jerry Liu, MD

Robert Stewart, MD

Total Number of Positions Available per Year:

1

Duration

1 year

Position Type

1 year clinical

PROGRAM DESCRIPTION**Overview:**

The fellow plays an integral role on both our oncologic and reconstructive surgery teams. With a team of six residents, two full-time nurse practitioners and a full-time physician assistant, the fellow is able to take the lead role in managing head and neck oncology and reconstruction patients as well as thyroid and parathyroid surgical patients. Over 80 free flaps are performed annually with the fellow acting as first surgeon on all reconstructive cases. The experience is graduated throughout the year from assistant to taking the lead on harvesting, inseting, and performing the microvascular anastomosis. Additionally the fellow plays a key role in our weekly head and neck tumor board where we discuss upcoming cases and determine the treatment plan.

Objectives:

The program is designed to provide advanced clinical training in head and neck oncologic and microvascular reconstructive surgery as well as thyroid and parathyroid surgery. The program also offers extensive research opportunities in the areas of head and neck and thyroid cancer which will support the development of those candidates planning an academic career.

Strengths:

The Institute for Head, Neck and Thyroid Cancer is composed of a team of world renowned specialists who have integrated their respective expertise into a multidisciplinary team to approach cancers of the head and neck. The group of more than 20 doctors and healthcare professionals is composed of Otolaryngologists, Head and Neck Radiologists, Oral-Maxillofacial Surgeons, Maxillofacial Prosthodontists, General Surgeons, Thoracic Surgeons, Neurosurgeons, Plastic and Reconstructive Surgeons, Endocrinologists, Oculoplastic Surgeons, Dentists, Head and Neck Pathologists, Psychiatrists, Nutritionists, Pain Management Professionals and Speech Language Pathologists. The group meets weekly for multidisciplinary head and neck tumor board conference to discuss patients who present to Mount Sinai/Beth Israel Medical Center for management of a malignancy of the head and neck.

Eligibility:

Graduates of US medical schools - or must have passed all parts of the USMLE.

Duties and Responsibilities of Fellows:

The fellow is committed for a full year at Mount Sinai Downtown and is involved in all aspects of head and neck patient care. The participant evaluates patients preoperatively in the office and actively participates in the work-up and treatment plan. The fellow meets all patients on the day of surgery, and is actively involved in each major head and neck ablation and reconstruction. The participant manages all patients during the recovery period and evaluates them in the office during the post-operative period.

The Fellow enhances resident education by rounding daily with the team and performing informal didactics on resident rounds.

Research Opportunities:

Research is encouraged and expected to be an important part of the fellow's growth throughout the training period. The THNRC (Thyroid, Head and Neck Research Center) provides the fellow with a unique opportunity to investigate functional outcomes. The THNRC was developed with the intent of performing critical assessments of patients before and after treatment for head and neck and thyroid cancer. Our in-house lab studies the impact of various treatments including surgery, radiation, chemotherapy and prosthetic rehabilitation on patient's function and quality of life. The research center will assess outcomes with statistical significance to guide the future of patient care in head and neck and thyroid cancer. The fellow will have an integral role in ongoing research performed at the THNRC. Attendance and presentations at national meetings are encouraged and funding is available.

Past Fellows:

Jonathan E. Aviv, MD (Fellow 1990-91) Adjunct Professor of Otolaryngology/Head and Neck Surgery, Mount Sinai School of Medicine, New York, NY.

Juan F. Moscoso, MD (Fellow 1991-92) Attending in Otolaryngology - Head and Neck Surgery in Panorama City, California.

Neal D. Futran, MD (Fellow 1992-93) Professor of Otolaryngology and Chairman, University of Washington, Seattle, Washington.

Steven H. Sloan, MD (Fellow 1993-94) Attending in Otolaryngology - Head and Neck Surgery, San Francisco, California.

Keith Blackwell, MD (Fellow 1994-95) Associate Professor of Otolaryngology, University of California, Los Angeles.

Uttam Sinha, MD (Fellow 1995-96) Vice Chairman, Department of Otolaryngology, University of Southern California, Los Angeles, California.

Christopher Shaari, MD (Fellow 1996-97) Attending in Otolaryngology in Hackensack Hospital, New Jersey.

Edgar Lueg, MD (Fellow 1997-98) Attending in Otolaryngology in Los Angeles, California.

John Chaplin, MBBCh (Fellow 1997-98) Attending in Otolaryngology at Green Lane Hospital in Auckland, New Zealand.

Eric Genden, MD (Fellow 1998-99) Professor and Chairman of the Department of Otolaryngology - Head and Neck Surgery, Mount Sinai School of Medicine, New York, NY.

Andrew Bridger, MBBS, FRACS (Fellow 1999-2000) Attending, Sutherland Hospital and Prince of Wales Hospital,

Sydney, Australia.

Jeff Harris, MD (Fellow 2000-2001) Attending in Otolaryngology at University of Alberta, Edmonton, Alberta, Canada.

Derrick Wallace, MD (Fellow 2001-2002) Attending in Otolaryngology at Robert Wood Johnson Medical School, NJ.

Rod Rezaee, MD (Fellow 2001-2002) Assistant Professor in Otolaryngology at Case Western Reserve University, Cleveland, OH.

Kevin Higgins, MD (Fellow 2002-2003) Attending at Stony Brook Hosp, U of Toronto 2002-2003.

Bryant Lee, MD (Fellow 2003-2005) Attending in Otolaryngology at the St Barnabas Hospital in New Jersey.

Charles "Chuck" Stewart IV, MD (Fellow 2005-2006) Assistant Professor of Surgery, Division of Otolaryngology - Head and Neck Surgery, Loma Linda University Medical Center, Loma Linda, California.

Michael Most, MD (Fellow 2006-2007) Attending, Division of General Surgery at Maimonides Medical Center, Brooklyn, New York.

Matthew Bak, MD (Fellow 2008-2009) Assistant Professor of Otolaryngology - Head and Neck Surgery, East Virginia Medical School, Norfolk, Virginia.

Eran Alon, MD (Fellow 2009-2010) Attending Physician, Department of Otolaryngology Head Neck Surgery, The Chaim Sheba Medical Center, Tel Hashomer, Israel

Jose Zevallos, MD, MPH, FACS (Fellow 2010-2011) Assistant Professor of Otolaryngology - Head and Neck Surgery, UNC School of Medicine.

Sumeet Anand, MD (Fellow 2011-2012)

Saral Mehra, MD (Fellow 2012-2013) Assistant Professor of Surgery (Otolaryngology) - Head and Neck Cancer Reconstructive Surgery, Yale University, School of Medicine

Jerry Castro, MD (Fellow 2013-2014) Consultant to the Guam Memorial Hospital, Guam E.N.T.

Ilya Likhterov, MD (Fellow 2014-2015), Attending in Otolaryngology and Assistant Professor of Otolaryngology, Mount Sinai Downtown

Sami Moubayed, MD (fellow 2015-2016)

Ansley Roche, MD (fellow 2016-2017)

Fred Baik, MD (current fellow expected completion date June 30, 2018)

John Sims, MD (matched fellow for 2018-2019)

Case Western Reserve University

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Faculty Involved with the Fellowship:

Surgical Faculty Involved with the Fellowship:

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Rod Rezaee, MD

Nicole Fowler, MD

Pierre Lavertu, MD

Theodoros N. Teknos, MD

Kenneth Rodriguez, MD

Maroun Semaan, MD
Sarah Mowry, MD
Non-Surgical Faculty Involved with the Fellowship:
Jay Wasman, MD (H & N Pathologist)
Charles Lanzeri, MD (Neuroradiologist)
Michael Gibson, MD PhD (Medical Oncology)
Min Yao, MD PhD (Radiation Oncology)
Katrina Harrill, BS (Senior Clinical Nurse)
Mary Cerveny (Fellowship Coordinator)
Bridget Patrick (Clinical Research Manager)

Total Number of Positions Available per Year:

1 year

Duration

1 year

Position Type

Clinical

PROGRAM DESCRIPTION

Overview:

A Head and Neck Oncology and Reconstructive Fellowship. Areas of Concentration include:

1. Microvascular free tissue transfer
2. Sentinel node mapping for head and neck melanoma
3. Minimally invasive head and neck surgery
4. Transoral laser and transoral robotic surgery
5. Endoscopic and open skull base surgery opportunities

Objectives:

Goals and Objectives:

1. The head and neck oncology and reconstructive fellowship is designed to provide otolaryngology clinicians with an opportunity to expand their knowledge and level of expertise in this field.
2. The fellow will be expected to develop and complete one clinical research project, which will result in a presentation and/or publication. This will be developed with the Ear, Nose and Throat Institute staff and the research mentor, and will be concluded by the end of training. It is anticipated that this will be developed in the form of a manuscript which can be submitted for publication, as well as presentation. The fellows may also be involved in projects such as book chapters, but the primary goal of involvement in the development of the manuscript is to hone the skills of investigation and research methodology, and this will be the primary initiative outside of the clinical and educational duties.
3. Plan and perform microvascular reconstruction on the appropriate patient to include flap harvest and flap inset using a wide variety of flaps including: fibula, anterolateral thigh, radial forearm, lateral arm, serratus, scapula, rectus, and latissimus flaps
4. By the conclusion of fellowship, the fellow will understand the extent to which his/her medical system impacts and is impacted by the treatment of head and neck tumor patients, and the education and research surrounding head and neck patient care. This understanding includes the unique multimodality approach to the head and neck

cancer patient, which crosses many disciplines and levels of providers, and the synergy gained by working as part of a team of care providers within a cohesive system.

Strengths:

1. Dedicated head and neck faculty with diverse training backgrounds and over 60 years of combined experience and AHNS involvement.
2. High volume endocrine, cutaneous cancer, complex head & neck malignancy program with >140 microvascular opportunities a year.
3. Opportunity for National and International teaching program involvement
4. Opportunity for involvement in complex trauma reconstructive cases. University Hospitals Cleveland Medical Center is a Level 1 trauma center.

Eligibility:

1. Successful completion of ACGME approved Otolaryngology Head & Neck Surgery Training Program.
2. ABOto Board eligible or Board Certified.
3. Candidate must be able to secure an Ohio Medical License.
4. Salary is commensurate with PGY level.

Duties and Responsibilities of Fellows:

- 1) Participate in tumor boards: weekly Friday @ 7 am (head and neck cancer)
Optional: monthly skull base and weekly cutaneous oncology
- 2) Rounding: encourage rounding at least 1 weekend day per week
- 3) Grand rounds: at least 1 presentation to the department on topic of fellow's choosing
- 4) Involvement in the inter-institutional tumor board (joint effort between the Cleveland Clinic and University Hospitals-Cleveland Medical Center)
- 5) The fellow has the opportunity (optional) to be involved with our international surgical outreach program that travels twice yearly to Kampala Uganda to perform complex head and neck surgeries and teach local physicians and residents.
- 6) Participate in Annual Head and Neck Microvascular Bootcamp
<https://wexnermedical.osu.edu/departments/otolaryngology/education/cme/fellow-bootcamp>

Research Opportunities:

We encourage the fellow to participate in at least two clinical research projects throughout the year (in conjunction with a resident and Case Western medical student). There are a myriad of opportunities to choose from. The fellow has the ability to present any successfully submitted research projects at the AHNS spring meeting. This is fully supported by the department.

Involvement in the Case Head and Neck Research Collaborative

<https://dental.case.edu/research/headneckcancer/home/>

Clinical: Besides retrospective studies, the fellow can work with the clinical trial unit (team, CTU) to better understand the role head and neck surgeons play in institutional and national clinical trials and how to integrate this important aspect of research into their future practice.

Molecular Biology: A collaboration between Drs. Ge Jin, PhD, Aaron Weinberg, PhD of Case Western Reserve University and Chad Zender, MD obtained an R01 to study innate immune molecules (human beta defensins) role in the development of head and neck cancer. Other funded projects include studying HIV related exosomes impact on head and neck squamous cell carcinoma progression in a joint effort with the Center for Aids Research (CFAR) and the Uganda Cancer Institute (UCI)

Bioengineering: The fellow has a unique opportunity to work with Ozan Akkus, PhD, from the CWRU engineering department, to develop innovations in head and neck surgery. There is also a yearly ENT innovation day where

\$5000 grants are awarded to help fund these ideas.

Supervision, Teaching and Call:

1. The fellow will have appropriate supervision by faculty for complex ablative and reconstructive cases, with progressive responsibility and independence as skills develop.
2. The expectation is that the fellow will actively participate in junior resident teaching in the OR and clinics. He/she will have a supervisory/teaching role for appropriate cases.
3. The fellow will have his/her own clinic and operative experience (1/2 day a week clinic and general OR cases as generated from this clinic).
4. Call: 1 day a month and 1 in 13 weekend coverage (attending level call)

Past Fellows:

- 1) Evan Greenbaum MD: (2014-2015)-Assistant Professor, Feinberg SOM, Northwestern University, Department of Otolaryngology, Chicago, Ill.
- 2) Sami Melki MD: (2015-2016)-Assistant Professor Lebanese American University Rizk Medical Center, Beirut, Lebanon.
- 3) Akshay Patel DO: (2016-2017) - Assistant Clinical Professor-University of Connecticut Otolaryngology-Hartford Hospital
- 4) Jason E. Thuener, MD (2017-present)- Clinical Instructor, CWRU SOM, University Hospitals Cleveland Medical Center, Department of Otolaryngology-Head and Neck Surgery, Cleveland, OH.

Cleveland Clinic

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Faculty Involved with the Fellowship:

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Robert Lorenz, MD FACS Head & Neck Surgery
Michael Fritz, MD Facial Plastics & Microvascular Surgery
Eric Lamarre, MD FACS Head and Neck Surgery / Microvascular Surgery
Brandon Prendes, MD Head and Neck Surgery / Microvascular Surgery
Jamie Ku, MD Head and Neck Surgery / Microvascular Surgery

Sanjay Karunakaran, DDS Maxillofacial Prosthodontics
David Adelstein, MD Hematology Oncology
Jessica Geiger, MD Hematology Oncology
Nikhil Joshi, MD Radiation Oncology
Shlomo Koyfman, MD Radiation Oncology
Neil Woody, MD Radiation Oncology
Aaron Hoschar, MD Pathology
Debra Chute, MD Pathology
Jonathan Lee, MD Radiology
Sarah Stock, MD Radiology
Claudio Milstein, PhD Speech Pathology

Total Number of Positions Available per Year:

One

Duration

One year

Position Type

Clinical

PROGRAM DESCRIPTION

Overview:

Cleveland Clinic is rated among the top two hospitals in the United States. The focus of all practices at the Cleveland Clinic is on providing world class care to all patients. The Clinic is one of the biggest employers of the state with over 50,000 employees and 3,000 staff physicians in the health system. The main hospital has a capacity of over 1400 beds, of which almost 45% are intensive/critical care beds, making it the largest tertiary critical care center in the country. According to the US News and World report, the Cleveland Clinic is the number one hospital in the state of Ohio, and 14 specialties are rated among the top ten in their field in the United States.

The Taussig Cancer Center at the Cleveland Clinic is a renowned cancer center, which participates in numerous multi-institutional clinical trials from across the country and is at the forefront of ground breaking cancer research and treatment protocols. It is part of the Case Comprehensive Cancer Center, a NCI-designated cancer center.

The Head and Neck Institute has been consistently rated in the top fifteen otolaryngology programs in the country for the past several years. The Institute includes the disciplines of Otolaryngology - Head and Neck Surgery, Dentistry, Oromaxillofacial Surgery, Audiology and Speech and Communicative disorders, comprising 60 staff physicians. The HNI sponsors an ACGME-approved otolaryngology residency training program that graduates three to four trainees annually.

Objectives:

The fellowship will provide an intensive year-long training program for those in pursuit of a career in academic head and neck surgery. It will provide training in both the multidisciplinary non-surgical treatment of head and neck cancer patients as well as the advanced surgical management of head and neck tumors and cancers. This is designed to go beyond the more basic procedures taught in otolaryngology residency.

Strengths:

During the fellowship, the fellow works closely with each HNI staff in patient care and as a result has extensive

exposure to all facets of head and neck surgical oncology. This includes transoral robotic / laser microsurgery, endocrine surgery, skull base approaches and combined approaches to the thoracic inlet. Furthermore, the fellow will gain experience and establish competence in advanced head and neck reconstruction, including microvascular reconstruction and laryngotracheal reconstruction.

Eligibility:

A candidate must be Board Certified or Board Eligible in Otolaryngology. An Ohio state medical license is required before the start of the fellowship. All interested US and Canadian fellowship applicants are required to be registered with the Match Program of the Advanced Training Council for Approval of Training in Head and Neck Oncology Surgery (sponsored by The American Head and Neck Society). Those applicants who are not eligible for the Match Program are required to undergo the same application process by filling out the AHNS application with references and directly sending them to the Head and Neck Institute (c/o Dr. Lamarre). All qualified applicants will receive consideration without regard to age, race, color, religion, sex, national origin or handicap.

Duties and Responsibilities of Fellows:

In addition to the outpatient workup and surgical management of the head and neck cancer patient, the fellow will gain gradual experience in the running of a multidisciplinary head and neck tumor board throughout the year, such that s/he will be expected to organize it with minimal oversight by the year's end. The fellow will complete didactic and experiential training in the fundamentals of clinical research design and methodology.

Research Opportunities:

The fellowship is primarily clinical in nature and there is not an additional expectation for laboratory research. However, the fellow will be expected to develop and complete at least one clinical and basic science research project that will likely result in a scientific presentation and/or publication. This will be developed with the HNI staff and research mentor, and the project will be due by the end of the fellowship year.

Supervision, Teaching and Call:

The head and neck fellow will be expected to teach the Otolaryngology residents, specifically in the area of head and neck oncology and reconstruction. This will be done through occasional lectures, clinical oversight in the clinics and hospital wards and operative instruction in the operating room. The fellow will aid in resident education by being the teaching surgeon in more routine head and neck cases and thereby allow the expansion of the attending practices, while allowing the fellow to gain experience in the teaching which s/he will be expected to do in academic practice. The fellow will therefore complement the residency education in head and neck surgery rather than compete with it.

The fellow will be hired as a Cleveland Clinic physician, with standard otolaryngology privileges since s/he will be either certified by or eligible for ABOto certification. However, the fellow will not be given privileges for procedures which are a part of the fellowship training, which include advanced head and neck oncologic surgery, skull base surgery and microvascular surgery. They will cover departmental call, as do other staff members and other HNI fellows, but will have backup from the fellowship's faculty.

Past Fellows:

Samer Al-Khudari, MD - Assistant Professor, Rush University, Chicago, IL
Brandon Prendes, MD - Staff, Head and Neck Institute, Cleveland Clinic, Cleveland, OH
Tabitha Galloway, MD - Assistant Professor, University of Missouri, Columbia, MO
Ryan Winters, MD - Surgeon, Ochsner Health System
Michael Roskies, MD - Current fellow

Cancer Care Manitoba, University of Manitoba

Program Director Name:

K Alok Pathak MD PhD FRCS (Glasg) FRCSEd FRCSC

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Thomas E Hayakawa, MD, FRCSC
Vallerie Gordon, MD, FRCPC

Andrew Maksymiuk, MD, FRCPC
William D. Leslie, MD, FRCPC
Ahmet Leylek, MD, FRCPC
Andrew Cooke, MD, FRCPC

Total Number of Positions Available per Year:

1

Duration

1 year

Position Type

1 yr Clinical

PROGRAM DESCRIPTION

Overview:

CancerCare Manitoba is the tertiary referral centre for cancer patients from the provinces of Manitoba, Nunavut, Western Ontario and Saskatchewan in Canada providing cancer care to a population of around 1.5 million. Head & Neck Surgical Oncology service at CancerCare Manitoba comprises 2 fellowship trained Head and Neck Surgical oncologists who see over 1200 new patients and 5000 follow up patients every year. About 425 proven cancer cases receive multi-disciplinary treatment every year based on the recommendations at weekly head and neck disease site group case conferences. Being a part of a University Hospital enables access to other services like reconstructive surgery, neurosurgery, thoracic surgery, vascular surgery and rehabilitation services to name a few at any time. Manitoba Institute of Cell Biology is housed in the same premises, which provides interested fellows an easy access to basic laboratory research facilities. CancerCare Manitoba also houses the Manitoba Cancer Registry which is one of the oldest population based registries in the world. This makes both clinical and translational possible on a population based cohort.

Objectives:

At the end of their fellowship, our fellow will have the knowledge and experience to determine stage and treatment options for individual head and neck cancer patients; broad knowledge of other cancer treatment modalities including, but not limited to: radiotherapy, chemotherapy, immunotherapy and endocrine therapy; expertise in the selection of patients for surgical management of head and neck cancer as a component of a multi-disciplinary treatment plan; knowledge of the benefits and risks associated with a multi-disciplinary approach; experience in palliative techniques as they apply to head and neck cancer patients including proper selection of patients, proper performance of palliative surgical procedures and knowledge of non-surgical palliative treatments and finally a clear understanding of tumor biology, carcinogenesis, epidemiology, tumor markers and tumor pathology.

Strengths:

Head and Neck Surgical Oncology program operates from two University teaching hospitals -Health Sciences Centre and St. Boniface General Hospital with over 700 head and neck surgical procedures performed every year. We have a strong minimally invasive Head and Neck Surgical Oncology program that encompasses minimally invasive thyroidectomies and parathyroidectomies, CO2 laser excisions and radio-guided sentinel node biopsies. Fellows are also expected to be actively involved in complex surgical procedures requiring multi-disciplinary participation like micro-vascular reconstructions, skull base surgeries, mediastinal lymph node dissections and major vascular interventions.

Eligibility:

CancerCare Manitoba offers a one year fellowship in head and neck surgical oncology to Otolaryngologists, General Surgeons, or Plastic Surgeons who have completed their residency training and have passed or attained qualification to sit for the examination of the Royal College of Surgeons of Canada or American Board of Otolaryngology, Surgery, or Plastic Surgery. The fellowship program is designed to offer a comprehensive training program in clinical head and neck oncology to prepare the individual for an academic career.

Duties and Responsibilities of Fellows:

During the twelve month rotation fellows will be provided with ample opportunities to participate in Multi-disciplinary Clinics and Conferences to help them in developing clinical and technical skills for providing comprehensive care to head and neck cancer patients. The fellow will be provided the opportunity to either perform as surgeon or first assistant in about 450 major procedures in the head and neck region.

Research Opportunities:

Fellows are encouraged to be involved in our ongoing studies in collaboration with Manitoba Institute of Cell Biology, Manitoba Cancer Registry and University of Manitoba and are expected to develop or participate in at least one research project to be submitted to a peer review journal for possible publication.

Supervision, Teaching and Call:

In addition to maintaining and enhancing his/her professional activities through ongoing educational activity, fellows will be involved in training and teaching students, physician assistants, and support staff. Fellow will be responsible for coordinating the academic activity of the service in terms of organizing the journal club, morbidity and mortality conference. Fellow will help in orientating the residents, medical students and trainees during their rotations and supervise them through the surgical procedures and be involved in different teaching courses organized by the Head and Neck Surgical Oncology program. They are expected to take 1 in 3 call.

Past Fellows:

Year Fellow Current Position of Work

2011/2012 Andrea Torroni Italy 8 3 Oral Maxillofacial Surgery Associate Prof , NYU,School of Medicine
2012/2013 Adebola Obayan Canada 6 3 General Surgery University of Saskatchewan,Canada
2013/2014 Mohammed Alessa Saudi Arabia 12 3 Otolaryngology Saudi Arabia
2014/2015 Mohamad Sharaf Eldin Egypt 8 3 General Surgery Lecturer, Mansoura University, Egypt
2015/2016 Fahad Cadili Canada 12 3 Oral Maxillofacial Surgery Present Fellow
2016/2017 Anupam Das India 6 3 Otolaryngology B.Borooah Cancer Center, Guwahati,India

Duke University

Program Director Name:

Liana Puscas, MD

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Ramon Esclamado MD, FACS

Faculty Involved with the Fellowship:

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David M. Brizel, MD Leonard Prosnitz Professor of Radiation Oncology
Neal E. Ready, Md, PhD Professor of Medicine, Medical Oncology
Liana Puscas, MD, MHS Associate Professor, Head and Neck Surgery/Microvascular Reconstructive Surgery
Walter T. Lee, MD, MHS Associate Professor, Head and Neck Surgery
Jenny Hoang, MBBS Associate Professor of Radiology and Radiation Oncology (Neuroradiology)
David B. Powers, MD, DMD Associate Professor of Surgery, Oral Surgery
David S. Yoo, MD, PhD Assistant Professor of Radiation Oncology
Daniel J. Roche, MD, JD Assistant Professor, Head and Neck Surgery
Russel Roy Kahmke, MD Assistant Professor, Head and Neck Surgery/Microvascular Reconstructive Surgery
Gina Vess, SLP, Clinical Director Voice Care Center

Total Number of Positions Available per Year:

1

Duration

1 year

Position Type

Clinical

PROGRAM DESCRIPTION**Overview:**

The clinical responsibilities of the fellow will be directed toward maximizing the opportunity to enhance clinical knowledge and skill for advanced tertiary level surgical care of head and neck cancer patients, while also developing the teaching skills necessary for an academic surgeon. The fellow will receive the academic title of Clinical Associate. The fellow will assist the head and neck surgical faculty in the operating rooms on major tertiary level head and neck cases at Duke University Hospital and Duke Raleigh Hospital . For those basic head and neck cases, and with greater experience and expertise with advanced cases, the fellow will serve as an instructor and teaching surgeon for the chief and junior residents. The fellow will also have the opportunity to pursue head and neck microvascular reconstructive training if interested. The fellow will be expected to round and provide oversight for care of hospitalized patients on the head and neck service along with the chief resident on a daily basis. The fellow will coordinate the evaluation and disposition of new head and neck tumor patients seen in the clinic, and do the same for previously treated patients requiring further management.

Objectives:

The fellow will develop and enhance clinical skills in the evaluation, multidisciplinary medical and surgical management, and care of patients in the entire spectrum of benign and malignant head and neck tumors. This experience will prepare the fellow for a career in academic medicine. The fellow will be expected to:

1. Evaluate new and return tumor patients independently and with Head and Neck Faculty
2. Attendance at multidisciplinary Head and Neck Clinic with Radiation and Medical Oncology assessing new and return patients requiring management.
3. Attendance at multidisciplinary Endocrine clinic assessing new and return thyroid cancer patients requiring

management.

4. Opportunity for clinical research and microvascular training is available.

Strengths:

1. Breadth and depth of pathology, including high volume endocrine surgery, cutaneous malignancies, sarcoma, in addition to multidisciplinary head and neck oncology tumor board in a premiere academic medical center.
2. Microvascular training is available.
3. Clinical research training in evidence based outcomes is a strength with opportunity for additional training (second year) in T32 funded position.
4. Collegial faculty committed to training future leaders in academic medicine. Formal leadership training is also available.

Eligibility:

1. Successful completion of ACGME approved Otolaryngology Head and Neck Surgery Training Program
2. ABOto Board Eligible or Board Certified
3. General Surgery or Oral Surgery Trained applicants will be considered on a case by case basis
4. International applications will be considered on a case by case basis.

Duties and Responsibilities of Fellows:

1. Please see Objectives above.
2. The fellow will serve as an instructor and teaching surgeon for the chief and junior residents for basic head and neck cases.
3. The fellow will be expected to round and provide oversight for care of hospitalized patients on the head and neck service along with the chief resident on a daily basis.
4. The fellow will coordinate the evaluation and disposition of new head and neck tumor patients seen in the clinic, and do the same for previously treated patients requiring further management.
5. The fellow will see patients independently one half day a week.

Research Opportunities:

The Fellow is strongly encourage to pursue clinical research during this year. The divisional Research Committee has oversight over all of the research efforts and provides mentorship of the fellow as needed to ensure that the research question is scientifically sound, methodology is valid and can be completed in the year fellowship, and assistance with statistical analysis. Seed money is available for approved projects through the division research fund. The fellow can pursue other research opportunities across disciplines as Duke University with oversight of the research committee.

Supervision, Teaching and Call:

1. The Fellow will be supervised by faculty for complex head and neck cases, with progressive responsibility and independence as expertise develops.
2. The Fellow will supervise and teach residents as appropriate
3. The fellow will share faculty call on a rotating weekly basis, averaging 1 week/9-12 weeks

Past Fellows:

N/A

Emory University School of Medicine

Program Director Name:

Amy Y Chen MD, MPH, FACS

Program Director Institutional Title:

Vice Chair for Faculty Development; Willard and Lillian Hackerman Professor

Program Director Email:

achen@emory.edu

Program Director Phone:

(404) 778-2178

Department Chair:

Douglas Mattox, MD

Faculty Involved with the Fellowship:

H. Michael Baddour, MD

Amy Y. Chen, MD, MPH

Mark W. El-Deiry, MD

Danielle Gainor, MD

Mihir Patel, MD

Merry Sebelik, MD

C. Arturo Solares, MD

Non-surgical faculty:

Patricia Hudgins, MD (Neuroradiology)

Ashley Aiken, MD (Neuroradiology) Kristen Bagnon, MD (Neuroradiology)

Kelly Magliocca, DDS, MPH (H&N Pathology) Jonathan Beitler, MD, MBA (Radiation Oncology)

Kristin Higgins, MD (Radiation Oncology) Nabil Saba, MD (Medical Oncology)

Dong Shin, MD (Medical Oncology)

Christopher Griffith, MD, PhD (H&N Pathology)

Mark McDonald, MD (Radiation Oncology)

Conor Steuer, MD (Medical Oncology)

Total Number of Positions Available per Year:

2

Duration

1 year

Position Type

PROGRAM DESCRIPTION

Overview:

The Emory Department of Otolaryngology Head and Neck Surgery is a vibrant department in Atlanta, Georgia. Its residency program is only one of two programs in the state of Georgia with 4 residents per year. Its Winship Cancer Center is the only NCI Comprehensive Designated Cancer Center in Georgia. The Head and Neck Surgery Division (HMB, AYC, MWE, DG, MP, MS, CAS) cares for nearly 2000 new patients, performs approximately 4000 surgical procedures, and sees over 7500 outpatient visits annually in a state-of-the-art surgical and clinical facility. The division represents the primary referral center in the region and consists of seven surgeons, four advanced practice providers, one inpatient advanced practice providers, three H&N specialist speech pathologists, and a dedicated social worker.

The well-developed microvascular program consists of four microvascular reconstruction trained surgeons (HMB, MWE, DG, CAS), and performs over 210 microvascular cases per year consisting of the full breadth of donor sites. The endocrine program has two surgeons specializing in endocrine surgery (AC, MS), performing complex endocrine procedures (>300 annually) and outpatient ultrasound and biopsies. Our TORS program is one of the busiest in the Southeast performing 40+ cases per year under the direction of a high volume TORS surgeon (MP). The open and endoscopic skullbase program (CAS) shared with rhinology (approximately 40+ per year). The HN program is also actively involved with both institutional and cooperative group clinical trials.

The Head and Neck Multidisciplinary Tumor Board is a robust, collaborative program that includes surgeons, medical oncologists, radiation oncologists, pathologists, speech pathologists, nurses, social workers, nutritionists, oral surgeons, and neuroradiologists. The HN Tumor Conference meets weekly to discuss head and neck patients, presenting usually 15-20 patients per week. The Thyroid Tumor conference is equally robust consisting of surgeons, endocrinologists, nuclear medicine physicians, ultrasound radiologists, pathologists and clinical staff and meets monthly.

Objectives:

The one year fellowship is designed to provide a comprehensive program in clinical head and neck ablative surgery, microvascular reconstruction, Transoral Robotic surgery (TORS), skull base surgery, and thyroid/parathyroid surgery.

Strengths:

- high volume endocrine surgery with in clinic ultrasound and ultrasound guided biopsy procedures.
- high volume microvascular surgery with a wide variety of donor sites and defects
- high volume extirpative surgery
- high volume TORS surgery
- high volume skull base surgery
- NCI Comprehensive Cancer Center

Eligibility:

To be considered for the position, the candidate for the head and neck fellowship must have completed an ACGME accredited residency in Otolaryngology and must be qualified to sit for the American Board of Otolaryngology written and oral exams. The candidate must be able to secure a Georgia Medical License. Salary is commensurate with PGY level.

Duties and Responsibilities of Fellows:

The Head and Neck Surgery Fellow will be appointed Instructor in the Department of Otolaryngology Head and

Neck Surgery. The Fellow is expected to be a Primary or Teaching surgeon in head and neck surgery ablative cases and microvascular reconstruction cases. It is estimated that the Fellow will be primary surgeon or teaching surgeon on at least 500 cases and at least 100 free flap cases. The Fellow will care for the patients postoperatively with the HN Team and be expected to discuss management with the Attending Physician in order to maximize educational opportunities. In addition, the Fellow will be in the Call Pool for Attending Faculty in the Department and will have an independent outpatient clinical and surgical experience. There are also opportunities for autonomous free flap cases commensurate with experience and skill. Teaching opportunities include staffing head and neck surgery cases at Grady Memorial Hospital and Veterans Affairs Medical Center, resident lectures, journal clubs, and a Grand Rounds presentation. The Fellow is expected to produce at least one abstract for a national meeting and/or a manuscript during the year, but ample opportunity for more research is provided.

Research Opportunities:

The Department of Otolaryngology has ERGO (Emory Research Group in Otolaryngology) with expertise in clinical research. In addition, Winship Cancer Institute, the NCI-CCC, has core resources in research. Several faculty also collaborate with many departments both within Emory and with other institutions.

Supervision, Teaching and Call:

The Fellow will be in the Call Pool for Attending Faculty in the Department and will have an independent outpatient clinical and surgical experience. There are also opportunities for autonomous free flap cases commensurate with experience and skill. Teaching opportunities include staffing head and neck surgery cases at Grady Memorial Hospital and Veterans Affairs Medical Center, resident lectures, journal clubs, and a Grand Rounds presentation.

Past Fellows:

2012-13 Ajani Nugent, MD Plastic Surgery Fellowship, University of Miami
2013-14 Sung Cho, MD, DMD Private Practice, New York City, NY
2014-15 Pardis Javadi, MD Assistant Professor, Southern Illinois University
2015-6 H. Michael Baddour, MD Assistant Professor, Emory University
2016-7 Andres Bur, MD Assistant Professor, University of Kansas
2017-8 Natasha Cohen, MD

Fox Chase Cancer Center

Program Director Name:

Miriam Lango MD FACS

Program Director Institutional Title:

Fellowship Director

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Miriam.Lango@fccc.edu

Program Director Phone:

(215) 728-5505

Program Coordinator:

Kelly McCarthy

Program Coordinator Email:

Kelly.McCarthy@fccc.edu

Program Coordinator Phone:

(215) 728-5505

Address:

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United States

Department Chair:

Drew Ridge MD PhD

Faculty Involved with the Fellowship:

Miriam Lango MD
Drew Ridge MD PhD
Jeffrey Liu MD
Christopher Fundakowski MD
Nausheen Jamal MD
Tom Galloway MD
Jessica Bauman MD

Total Number of Positions Available per Year:

1

Duration

1-2 years

Position Type

1-2 years primarily clinical

PROGRAM DESCRIPTION**Overview:**

Fox Chase Cancer Center (FCCC) was one of the first designated an National Comprehensive Cancer Center (NCI) in the United States, with a long tradition of multidisciplinary cancer care, participation in national cooperative group trials and translational research. The fellowship is a 1 year, primarily clinical head and neck oncologic surgery program, with a substantial endocrine component. Microvascular reconstruction is not part of this fellowship, as there is a competing fellowship through the Division of Plastic Surgery, which serves our reconstructive needs. Nevertheless, the Head and Neck fellow will gain significant experience with local and regional flaps as a result of the high volume of advanced cutaneous malignancies treated at the institution. Management of advanced and recurrent thyroid cancers, use of intermittent and continuous laryngeal nerve monitoring and transoral robotic surgery are prominent components of the curriculum. Multidisciplinary conferences with leaders in surgery, radiation, medical oncology and endocrinology contribute to a rich learning environment.

Objectives:

The fellow will acquire expertise in the following:

- Ablative surgery of head and neck tumors and cancers
- Endocrine surgery/ Thyroid and parathyroid surgery
- Local and regional flap reconstruction
- Transoral laser microsurgery/ Transoral robotic surgery for head and neck cancer
- Multidisciplinary, evidence-supported approach for malignancies of the head and neck

Strengths:

Rigorous clinical and technical training in a multidisciplinary cancer center setting

Eligibility:

Candidates must be board eligible/ board certified
Otolaryngology residency training preferred

Duties and Responsibilities of Fellows:

Surgical and postoperative care of head and neck service patients
Clinic assignments
Participation in teaching conferences/ tumor boards
Teaching otolaryngology residents
Call responsibilities

Research Opportunities:

The fellow is encouraged to participate in ongoing or new research projects and will be expected to present at regional meetings, particularly the American Head and Neck Society annual meeting. The fellow will also will be encouraged to participate in manuscripts for publication in peer-reviewed journals. Opportunities to enroll in

Masters or Certificate programs in Public Health or Health Policy are available and have been undertaken successfully by prior fellows.

Supervision, Teaching and Call:

Two weeks of home call for Temple University Hospital over the course of the year, with faculty oversight

Independent fellow's clinics-one half day twice per month

The fellow will be involved in teaching TUH otolaryngology residents

Past Fellows:

This is a new fellowship. However, we have a long history of training surgical oncology fellows through an ACGME approved surgical oncology fellowship program. The new head and neck fellowship position will replace a surgical oncology position.

Icahn Mount Sinai School of Medicine

Program Director Name:

Brett A Miles MD FACS

Program Director Institutional Title:

Program Director

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Program Director Phone:

(212) 241-2253

Program Coordinator:

Elizabeth Munkenbeck

Program Coordinator Email:

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United States

Department Chair:

Eric Genden MD

Faculty Involved with the Fellowship:

Eric Genden, MD
Brett A. Miles, DDS, MD
Anthony Reino, MD
Joshua Rosenberg, MD
Marita Teng, MD
Mike Yao, MD

Total Number of Positions Available per Year:

1

Duration

1

Position Type

Clinical

PROGRAM DESCRIPTION

Overview:

The Head and Neck Fellowship program at Mount Sinai offers a comprehensive twelve-month experience in the management of patients undergoing head and neck surgery for malignant and advanced benign disease. This concentrated experience includes all aspects of surgical care including diagnosis, treatment planning, ablative and reconstructive surgery and post-operative surveillance. The goal of the Head and Neck Fellowship is to prepare candidates for an academic career in head and neck oncologic surgery. Mount Sinai is committed to providing state of the art surgical training and provides an educational experience that will allow the head and neck fellow to function within a tertiary multidisciplinary system, providing comprehensive management for patients with advanced head and neck pathology. The Head and Neck Fellowship at Mount Sinai conforms to the guidelines required for accreditation from the Advanced Training Council for Approval of Training in Head and Neck Oncologic Surgery.

Policies/Manuals: http://www.mssm.edu/gme/mount_sinai/manual/

Eligibility:

To be considered for a position, the candidate for the head and neck fellowship must have completed a residency program in Otolaryngology, General Surgery or Plastic Surgery. Candidates must be ABOTO board eligible for New York State Medical Licensure. Candidates are encouraged to spend a one or two-week rotation on the Head and Neck Service at Mount Sinai to evaluate whether the program meets their educational goals prior to application. Candidates applications will be reviewed and interviews offered prior to the AHNS Match. Final selections are made at the time of the AHNS Match. All interested US and Canadian fellowship applicants must be registered with the Match Program of the Advanced Training Council for Approval of Training in Head and Neck Oncology Surgery (sponsored by The American Head and Neck Society) to be considered for a position. Those applicants who are not eligible for the Match Program are required to undergo the same application process by filling out the AHNS application with the reference and forwarding them directly to the Department of Head and Neck Surgery, c/o Heather Joseph. Candidates who do not qualify for participation in the AHNS match will only be considered in the event the position is unfilled by the match process in a given year. All qualified application will receive consideration without regard to race, color, religion, sex, national origin, age, or handicap that does not prevent performing the duties expected of the position.

Duties and Responsibilities of Fellows:

The Head and Neck Fellow will:

1. Participate in all major head and neck operative cases including microvascular reconstruction. The fellow will have the opportunities to select the case most appropriate to his training goals if multiple major head and neck cases are occurring simultaneously. He/She also has the freedom to select cases of interest which are performed at our affiliated sites.
2. Participate in Multidisciplinary Head and Neck Oncology Clinic (see weekly schedule)
3. The fellow will take call at faculty level in rotation with the faculty of the Head and Neck Service. The fellow is supervised by the faculty while on call for the Head and Neck Service. The fellow (with faculty supervision) is responsible for operative management of acute complications/free tissue compromise related to head and neck reconstructions. Weekend call is approximately every four weeks. Weekday evening call is one in every four to five weeks.
4. Provide one half day per week of clinical outpatient services at Mount Sinai Hospital

Surgical training experience will include:

- Full Scope ablative Head and Neck Oncology experience including mucosal, paranasal/skullbase, salivary, and cutaneous disease.
- Reconstructive experience including local, regional, and free tissue transfer for ablative defects of the head and

neck

- Transoral robotic and laser surgery for head and neck malignancies including oropharyngeal, tongue, larynx
- Extensive endocrine experience including management of thyroid and parathyroid malignancies
- Management of advanced benign lesions of the head and neck including salivary, schwannoma, paraganglioma, etc.
- Comprehensive surgical management of the head and neck oncology patient including ancillary procedures such as airway reconstruction, voice restoration, facial nerve re-animation, etc.

Supervision, Teaching and Call:

The clinical/surgical responsibilities of the fellows and resident are shared experiences at the discretion of the head and neck faculty. Major ablative head and neck surgery and microvascular reconstruction cases are performed by attending staff, the head and neck fellow, and the residents in a graded, experience based approach. In general, fellow will have the opportunity to select the cases most appropriate to his training goals if multiple major head and neck cases are going on simultaneously. He/she also has the freedom to select cases of interest, which occur at our affiliated sites. The fellow will also be responsible for resident supervision and surgical training in a capacity commensurate with the ability of the fellow.

Indiana University School of Medicine

Program Director Name:

Cecelia E Schmalbach MD MS FACS

Program Director Institutional Title:

Professor of Otolaryngology; Vice Chairman, Clinical Affairs, Oto-HNS Chief, Dept of Otolaryngology, Eskenazi Health

Program Director Email:

cschmalb@iu.edu

Program Director Phone:

(317) 944-7057

Program Co-Director Name:

Avinash V Mantravadi MD FACS

Program Co-Director Institutional Title:

Assistant Professor

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Program Co-Director Phone:

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Program Coordinator:

Jane Adamson

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Website:

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Department Chair:

Marion Couch MD, FACS

Faculty Involved with the Fellowship:

Cecelia Schmalbach, MD (Head & Neck Surgery)
Avinash Mantravadi, MD (Head & Neck Surgery/Microvascular Reconstruction)
Marion Couch, MD (Head & Neck Surgery)
Chad Galer, MD (Head & Neck Surgery)
Michael Sim, MD (Head & Neck Surgery/Microvascular Reconstruction)
David Chan, MD (Head & Neck Surgery/Microvascular Reconstruction)
Benjamin Anthony, MD (Head & Neck Surgery/Laryngology)
Taha Shipchandler, MD (Facial Plastic & Reconstructive Surgery/Microvascular Reconstruction)
Jon Ting, MD (Head & Neck Surgery/Rhinology/Skull Base Surgery)
Mark Langer, MD (Radiation Oncology)
Paul Anthony (Radiation Oncology)
Sara Jo Grethlein, MD (Medical Oncology)
Gregory Durm, MD (Medical Oncology)
Don Jon Summerlin, DMD (Head and Neck Pathology)
Kristine Mosier, DMD, PHD (Head and Neck Radiology)

Total Number of Positions Available per Year:

1

Duration

1 year

Position Type

1 yr clinical

PROGRAM DESCRIPTION

Overview:

Indiana University Medical Center is the only academic medical center in the state of Indiana and serves the head and neck cancer patients of this population of over 6.6 million people. The primary head and neck cancer service at Indiana University School of Medicine is located at IU Health University Hospital. Attached to this building is the Indiana University Simon Cancer Center, an NCI-designated cancer center since 1999. At this location, patient care is provided by all members of a multidisciplinary team including representatives from head and neck surgery, radiation and medical oncology, oral pathology, neuroradiology, dental, speech therapy, oral maxillofacial prosthodontics, and thoracic surgery. Additional hospitals on campus include Eskenazi Medical Center, The Indianapolis VA Medical Center, Riley Hospital for Children, and IU Health Methodist Hospital.

Objectives:

We offer a one year clinically oriented fellowship focused on developing skills in assessment, treatment strategies, and surgical techniques utilized in the management and reconstruction of advanced head and neck malignancies and certain traumatic, infectious, and benign neoplastic conditions. The main goal is to provide an experience that will prepare the trainee to enter into a career in academic head and neck surgery. In addition to developing proficiency in head and neck oncologic and reconstructive surgery, the participant will also be integrated into the multidisciplinary team at Indiana University in an effort to emphasize the importance of this comprehensive approach to care.

Outside of clinical duties, a strong emphasis will be placed on the fellow's role as an educator. This part of the experience will come through regular interactions with residents and medical students and through the experience as an attending physician at Eskenazi Health Center. This will culminate at the end of the year where the fellow will participate in the annual discussion and dissection free flap cadaver course. The goal of this activity will be to solidify their knowledge of these techniques at the end of their fellowship to best prepare them to transition into practice.

Strengths:

The primary strength of the program stems from the diversity of training backgrounds and enthusiasm of the faculty as well as the breadth and depth of the patient care and teaching experience. As the only academic center in the state of Indiana, this program serves as the major referral source for a large geographic area, resulting in a high volume of both early and advanced stage disease and salvage operations. The trainee will gain exposure to all aspects of advanced head and neck surgery including advanced ablative and endocrine procedures, open and endoscopic skull base surgery, head and neck reconstruction including a large volume of free tissue transfers and Mohs reconstructions, tracheal resections, transoral robotic surgery (TORS), and transoral laser approaches to aerodigestive tract malignancies. As a credentialed clinical instructor, the fellow is able to gain early independence in the workup and clinical management of head and neck patients and as an educator in the supervision of residents in the clinic and operating room at Eskenazi Hospital.

Eligibility:

The applicant must have completed an ACGME-accredited residency in Otolaryngology-Head and Neck Surgery, General Surgery, or Plastic Surgery and must have passed or attained qualification to sit for the American Board of Otolaryngology, Surgery, or Plastic Surgery. Canadian applicants must have passed or attained qualification to sit for the Royal College of Surgeons of Canada Exam.

Duties and Responsibilities of Fellows:

The head and neck fellow will be involved in all major head and neck surgical cases. They will assist in the training of senior residents in moderately complex head and neck procedures, while being the primary surgeon/first assistant for free flap harvests and most components of head and neck reconstructive procedures. Each week, they will have their own outpatient clinic for one-half to one full day, where they will see patients with general otolaryngology and head and neck disorders, and they will be provided one-half to one full day per week to schedule their own operative procedures from this practice. At any time, the fellow can approach other staff from the institution to assist with or provide surgical back-up for the procedures. The fellow will also assist with staffing of inpatient consults at the IU Health University Hospital.

Regarding floor care, the resident team, headed by the chief resident, will have primary responsibility of day-to-day patient care, however, the fellow will be asked to actively follow all major head and neck patients and oversee their care with additional attending supervision.

During the course of the year, the fellow will be required to generate and complete a clinical research project worthy of submission for publication and/or presentation at a national or international meeting. In addition, the fellow will be given the opportunity to spend two weeks on the medical oncology service (primarily in clinic) and an additional two weeks in clinic with the head and neck radiation oncology team to gain a more in-depth appreciation for these aspects of cancer therapy.

Research Opportunities:

As the largest medical school in the United States, Indiana University School of Medicine provides ample opportunity for research collaboration clinically and in the basic sciences. Numerous resources are available to assist in the conception, data acquisition, and analysis for projects initiated by the fellow. Opportunities for immediate research contribution include the department's ongoing collaboration with the Department of Anatomy and Cell Biology in the facial nerve laboratory investigating improved reconstructive outcomes after facial nerve injury, as well as the multidisciplinary IUPUI Center for HPV Research.

Supervision, Teaching and Call:

On the head and neck surgical team, there is one chief resident (PGY-5), one intermediate resident (PGY-3), an intern and a physician-assistant. The integration of the head and neck surgical fellow will be with the goal of optimizing the training experience to all involved, while improving patient care. Once proficiency has been demonstrated by the fellow, they will be allowed to transition into a supervised staff role where they will instruct residents on moderately complex head and neck surgical procedures such as neck dissections, thyroidectomies, and salivary gland surgery. The fellow will work with the head and neck surgical staff for all free flap harvests and microvascular anastomoses, with senior residents being incorporated, when appropriate. Regarding patient care, the chief resident will have the primary responsibility of dictating patient care, with the fellow in direct communication with the team on all major head and neck cases.

The fellow will be intimately involved in training of residents and medical students during the fellowship experience. This education will be in the form of didactic teaching at the head and neck departmental lecture series (will teach approximately one lecture every three months). They will be given additional opportunities to provide instruction in the clinic, operating room and on the wards of the hospital. The head and neck fellow will also be asked to organize and run the head and neck surgery team's presentations at the weekly tumor board discussion.

At the completion of the academic year, the fellow will be given the opportunity to teach a portion of the head and neck reconstructive section of the annual IU Basic Science and Cadaver Dissection Course. This will allow for the fellow to reinforce their experience in free flap harvest and head and neck reconstructive theory. The head and neck reconstructive staff will be available to provide teaching materials/framework so this will not produce an unreasonable burden on the fellow as they approach the end of their experience.

The fellow will be included in the staff otolaryngology call schedule and will cover approximately 4 weeks of call during the year. The fellow will also be asked, within reason, to be available for active issues that arise with in-patient major head and neck cancer patients.

Past Fellows:

K. Gaurav Prasad, MD- Private Practice/Clinical Instructor- Meritas Health/University of Kansas- Kansas City, MO

Gregory Ward, MD- Assistant Professor of Otolaryngology- Head and Neck Surgery- St. Louis University, St. Louis, MO

David Hernandez, MD- Assistant Professor of Otolaryngology- Head and Neck Surgery- Baylor University, Houston TX

Johns Hopkins University School of Medicine - Endocrine

Program Director Name:

Ralph P Tufano MBA, FACS

Program Director Institutional Title:

Charles W. Cummings MD Endowed Professor; American Thyroid Association Board of Directors;

Program Director Email:

rtufano1@jhmi.edu

Program Director Phone:

(410) 955-3628

Program Co-Director Name:

Jon O Russell MD

Program Co-Director Institutional Title:

Assistant Professor

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Program Coordinator:

Tammy Whetzel

Program Coordinator Email:

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Website:

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Department Chair:

David W Eisele MD

Faculty Involved with the Fellowship:

Ralph P. Tufano, MD, MBA (Fellowship Director)
Jon O. Russell MD (Co-Director)
Vaninder Dhillon, MD
Carole Fakhry, MD, MPH
David Eisele MD, FACS
Jason D. Prescott, MD, PhD
Aarti Mathur, MD

Total Number of Positions Available per Year:

1

Duration

1 year

PROGRAM DESCRIPTION**Overview:**

The Johns Hopkins Head and Neck Endocrine Surgery Division was formally established in 2011. It was founded on the collaborative efforts of otolaryngology - head and neck surgeons, general surgery/endocrine surgeons, endocrinologists, medical oncologists, radiation oncologists, head and neck radiologists, and pathologists. These entities helped form a collegial, integrated and productive multidisciplinary program. The Head and Neck Endocrine Surgery Fellowship was established in 2012. The program is designed to provide advanced training in all aspects of the management of thyroid and parathyroid disease. Through extensive clinical training and a strong emphasis on research and teaching, we aim to equip those fellowship candidates with the tools necessary to plan a successful academic career focusing on the comprehensive management of thyroid and parathyroid disease.

Objectives:

The one-year fellowship is designed to provide a comprehensive training of head and neck endocrine surgical fellows in the surgical and medical management of thyroid and parathyroid disease. This is done by exposure to the practices of our endocrine focused surgeons and through interactions with collaborating specialties. In addition to developing proficiency in head and neck endocrine surgery, the fellow will also be integrated into the multidisciplinary team in an effort to emphasize the importance of this comprehensive and personalized approach to care. The program also offers extensive research opportunities which will support the development of those candidates planning an academic career.

Strengths:

The program is composed of a team of world renowned specialists who have integrated their respective expertise into a multidisciplinary team. The main strengths of our fellowship program include: 1. the abundance of endocrine surgical volume encompassing the full spectrum of surgical procedures (including re-operative and remote access surgery with a focus on trans-oral vestibular approach), 2. the collegial, and collaborative environment established by all stakeholders and 3. the wide variety of clinical and translational research opportunities. The fellow obtains surgical experience with both Otolaryngology-Head and Neck Surgery and General Surgery disciplines. The fellow is expected to attend/participate in the multidisciplinary thyroid tumor board, head and neck tumor board, research meetings, journal clubs, and the annual Johns Hopkins CME course on Thyroid and Parathyroid surgery, which is co-directed by the General Surgery and Otolaryngology-Head and Neck Surgery departments.

Eligibility:

1. BC/BE otolaryngologists or general surgeons trained in the United States or Canada.
2. Graduates of otolaryngology or general surgery residency programs outside the United States and Canada who have passed the USMLE and hold a certificate from the ECFMG.
3. A Maryland state medical license is required before the start of fellowship.

Duties and Responsibilities of Fellows:

Clinical – The Head and Neck Endocrine Surgery fellow will be appointed Instructor in the Department of Otolaryngology - Head and Neck Surgery. The fellow participates in all aspects of the management of patients with thyroid and parathyroid diseases. The fellow evaluates, plans, and executes treatment plans for outpatient clinic patients under faculty supervision and for their own clinic patients. Exposure to ultrasound techniques occurs throughout the outpatient experience. The fellow will also participate in surgical cases that the faculty have and will attend to their own patients under faculty supervision/guidance. At the end of training, the graduate is capable of making independent decisions in the management of all patients with thyroid and parathyroid diseases.

Research – The fellow is expected to take an active part in ongoing clinical and translational research projects. The fellow is encouraged to initiate and complete new projects. The fellow actively participates in a monthly thyroid and parathyroid research meeting and journal club. She/he is expected to produce at least one abstract for a national meeting and/or a manuscript during the year, but ample opportunity for more research is provided. Attendance and presentations at national meetings is encouraged and funding is available.

Research Opportunities:

Trans-oral vestibular thyroid and parathyroid surgery improvements in process and technology
Novel directed NON-SURGICAL treatments of thyroid nodules and parathyroid adenomas
Clinical outcomes and efficiencies
Translational research regarding novel molecular markers for prognosis

Supervision, Teaching and Call:

The fellow will participate with the faculty in all decisions relative to the prescribed treatment. The fellow's operative responsibility will be assigned commensurate with ability. The fellow is responsible for teaching residents and medical students during rounds, lectures and conferences, clinics, and in the operating room. The fellow is expected to assist residents during surgery and guide them as needed in operating room. The fellow will be in the call pool for attending faculty in the department.

Past Fellows:

Jon O. Russell MD
Vaninder Dhillon, MD

Johns Hopkins University School of Medicine

Program Director Name:

Carole Fakhry MD MPH

Program Director Institutional Title:

Program Director

Program Director Email:

cfakhry@jhmi.edu

Program Director Phone:

(443) 287-2024

Program Co-Director Name:

Wayne Koch MD

Program Co-Director Institutional Title:

Professor

Program Coordinator:

Robin Newcomb

Program Coordinator Email:

OTO_Residency_Educ@jhmi.edu

Program Coordinator Phone:

(410) 955-1932

Address:

601 N. Caroline Street
Baltimore, MD 21287
United States

Website:

https://www.hopkinsmedicine.org/otolaryngology/education/fellowship/head_neck_oncology.html

Department Chair:

David W. Eisele MD

Faculty Involved with the Fellowship:

Head and neck oncologic surgeons: David W. Eisele, Wayne Koch, Christine Gourin, Carole Fakhry, Karen Pitman, Wojtek Mydlarz, Nikki Schmitt, Marietta Tan
Endocrine surgeons: Ralph P. Tufano, Jonathan Russel
Reconstructive surgeons: Shaun Desai, Patrick Byrne, Kofi Boahene
Medical oncologists: Raneeh Mehra, Hyu Kang
Radiation oncologists: Harry Quon, Ana Kiess, Brandi Page
Pathology: Lisa Rooper
Neuroradiology: Nafi Aygun
Speech Language Pathologists: Kim Webster, Rina Abrams
Dental: Lauren Bolding, Alexander Pazoki

Total Number of Positions Available per Year:

1

Duration

1

Position Type

1 year clinical

PROGRAM DESCRIPTION**Overview:**

The Head and Neck Oncology Fellowships at Johns Hopkins began in 1986. It received approval of the American Head and Neck Society in 1993. The objective of the Head and Neck Surgical Oncology Fellowship at Johns Hopkins is to promote and develop leaders in the field of Academic Head and Neck Oncology. Emphasis is on broad clinical training including all aspects of head and neck surgical oncology.

Objectives:

The objective of the Head and Neck Surgical Oncology Fellowship at Johns Hopkins is to promote and develop leaders in the field of Academic Head and Neck Oncology. During the clinical year, fellows will participate in clinical and surgical care of patients within the faculty practices, but will also have an individual, mentored clinical surgical practice. Fellows completing the program will have finely honed skills in surgical diagnosis and treatment of tumors of the head and neck. Training will cover the entire gamut of head and neck surgery including endocrine, robotic, skull base, and minimally-invasive approaches.

Strengths:

We offer one of the largest head and neck oncology teams in the country with a very busy clinical service. The fellow will develop increasing comfort in managing complex head and neck oncology patients within a multi-disciplinary framework. Dedicated clinical faculty provides mentorship to help develop skills and knowledge needed for an academic career. The academic milieu includes one of the finest Otolaryngology residency programs in the country, with excellence in every aspect of the field. The tumor biology research program of the Johns Hopkins Department of Otolaryngology is world renowned as a leader in clinical translational research pertaining to head and neck cancer. Trainees have been highly successful in launching clinical translational academic careers.

Eligibility:

Board eligibility in Otolaryngology

Duties and Responsibilities of Fellows:

Clinical/ surgical rotations with faculty

Attendance and participation in multidisciplinary patient care conference and clinic

Independent fellow clinic

Resident teaching

Journal club

Research Opportunities:

Interested fellows may choose to do an additional year of research. We offer a rich environment of translational research bridging surgical oncology and molecular biology pertaining to head and neck cancer. The research training may serve as the basis to seek grant funding in order to facilitate the initiation of an academic career and is particularly attractive to those candidates seeking a career as a clinician-scientist. Fellows may set up an individualized research training experience in consultation with the fellowship director. Often fellows will perform research in molecular biology of head and neck cancer. Other studied areas have included bioinformatics and a variety of opportunities are available throughout Johns Hopkins University.

Supervision, Teaching and Call:

Fellows will participate in clinical and surgical care of patients within the faculty practices. Fellows will have a faculty appointment at the Instructor level that includes a mentored experience focused on a transition to independence. In particular fellows develop skills in clinical teaching within the context of our residency program. Additionally, fellows participate in journal club and resident teaching to develop teaching skills. As instructors, fellows participate in the faculty call schedule.

Past Fellows:

Richard Scher

Joseph Brennan

Shelly McQuone

Michael Spafford

David Huchton

Robert Ferris

John McClure Brockenbrough

David Goldenberg

Anthony Chuang

Edward M. Stafford

Melonie Nance

Kavita Malhotra Pattani

Carole Fakhry

Martin P. Curry

Geoffrey D. Young

Ryan H. Sobel

Mazin Merdad

Zhen Ghooi

Hamad Chaudhary

Andrew Day

Massachusetts Eye and Ear infirmary - Endocrine

Program Director Name:

Gregory W. Randolph MD FACS FACE

Program Director Institutional Title:

Director, General Otolaryngology; Director, Division of Thyroid and Parathyroid Surgery

Program Director Email:

gregory_randolph@meei.harvard.edu

Program Director Phone:

(617) 573-4115

Program Coordinator:

Dipti Kamani

Program Coordinator Email:

Dipti_Kamani@meei.harvard.edu

Program Coordinator Phone:

(617) 573-4115

Address:

243 Charles St
Boston, MA 01803
United States

Website:

<http://www.masseyeandear.org/education/otolaryngology/fellowship-program/fellow-in-thy-and-parathy>

Department Chair:

Bradley Welling MD, PhD

Faculty Involved with the Fellowship:

Dr. Gregory W. Randolph (Fellowship Director)
Dr. Randall Gaz
Dr. Paul Konowitz
Dr. David Lesnik
Dr. Ralph Iannuzzi

Total Number of Positions Available per Year:

1

Duration

1 year

Position Type

Clinical

PROGRAM DESCRIPTION**Overview:**

Massachusetts Eye and Ear Infirmary strives to be a world class endocrine surgical center. The Thyroid and Parathyroid Surgery Division was established in 2002, founded on the philosophy of collaboration between thyroid surgeons, radiologists, pathologist and endocrinologists. The Division is at the leading-edge of advances in thyroid and parathyroid surgery and is a world recognized center of intraoperative neural monitoring. The Head and Neck Endocrine (Thyroid and Parathyroid) Surgical Fellowship was established in 2004. It is our intention, with a superb clinical training and strong emphasis on research and teaching, to nurture academic endocrine surgeons.

Objectives:

To provide comprehensive training of fellows in diagnosis and surgical management of thyroid and parathyroid disease by focused exposure to the clinical practices of our endocrine surgeons in the OR and clinic and through interactions with collaborating specialties.

Strengths:

The primary strengths of Massachusetts Eye and Ear Infirmary as a venue for a Thyroid and Parathyroid Surgical Fellowship are the large endocrine surgical volume, the close multi-disciplinary collaborative environment and the wealth of current and potential clinical research. The fellow obtains experience with both adult and pediatric population and is exposed to both otolaryngology and general surgery techniques and rotates between MEEI and Mass General Hospital. The fellow receives advanced training in newer surgical techniques like intraoperative neuromonitoring and state-of-the art care of thyroid cancer patients with academic and research work culminating into publications. The fellow participates in Boston Thyroid Club, held once a month, where endocrinologist and endocrine surgeons discuss clinical problems. He/she also contributes to monthly Endocrine Oncology Conference at MGH. American Academy of Otolaryngology (AAO), American College of Surgeons (ACS), American Head Neck Society (AHNS) meetings are integral parts of fellow's schedule. Fellow has the opportunity to attend Harvard CME course on Thyroid and Parathyroid surgery, which is held annually since 1996. Fellow may have an opportunity to participate in Global Thyroid Missions where members of the Thyroid and Parathyroid Division not only provide goiter surgery in underserved regions, but also train local physicians to work toward sustainable health care for patients suffering from goiter and other conditions. Dr. Randolph and team members have recently been on Global Thyroid Missions to India and Kenya. Fellow teaches MEEI residents actively through lectures and by helping in OR.

Eligibility:

1. BC/BE otolaryngologists or general surgeons trained in the United States or Canada.
2. Graduates of otolaryngology or general surgery residency programs outside the United States and Canada who have passed the USMLE and hold a certificate from the ECFMG.

Duties and Responsibilities of Fellows:

1. Clinical – Fellow participates in management of outpatient and inpatient care of all thyroid and parathyroid clinic patients. The fellow evaluates, outlines and implements treatment plans for outpatient clinic patients individually as well as under faculty supervision. Fellow learns and makes independent decisions for patient management and approaches faculty for support and guidance. Fellow performs surgeries and office procedures under supervision as well as independently. At the end of the fellowship, the fellow is trained to make independent decisions and manage thyroid and parathyroid diseases independently and assertively.

2. Research – A four to six hours of research time per week is provided to the fellow. The fellow is expected to take active part in ongoing clinical and basic science research projects. He/she is encouraged to initiate and complete new projects. He/she actively participates in weekly Thyroid and Parathyroid Research Meeting. The fellow is expected to publish his/her research as well as present his/her research at hospital meetings and other conferences.

Supervision, Teaching and Call:

Teaching: The Fellow is responsible to teach residents and medical students during rounds and clinics. He/she will teach senior residents through scheduled lectures, usually once/three weeks. Fellow is expected to assist residents during surgery and guide them as needed in operating room. Fellow takes initiative and discusses selected topics powered by literature review on a weekly basis.

Calls: There are no official call requirements

Past Fellows:

2005 Cristian Slough, MD, Director Willamette Valley ENT, McMinnville, OR

2006 Lisa Reid, MD (Gen Surg US) Ass Prof. Surgery-specializing in thyroid and parathyroid surgery, Cooper Union University Physicians, Camden NJ

2007 Enoch Sanders, MD Ass Prof. Surgery-specializing in thyroid and parathyroid surgery, Virginia Surgical Associates, Inova Alexandria Hospital, Alexandria VA

2008 David Lesnik, MD Attending Otolaryngologist, specializing in thyroid and parathyroid surgery, MEEI Associates, MEEI Stoneham Center, Stoneham MA, Assistant in Otolaryngology MEEI, Clinical Instructor of Otolaryngology Harvard Medical School, Clinical Associate, Department of Surgery, MGH

2009 Sara Richer, MD Otolaryngologist, Head and Neck Surgeon specializing in thyroid and parathyroid surgery, St Vincents Medical Center, Bridgeport, CT

2010 Marica Zizic, MD, PhD Attending Specialist Otolaryngologist specializing in thyroid and parathyroid surgery, Department of Otolaryngology, University Hospital Sveti Duh, Zagreb Croatia

2011 Andre Potenza, MD

Head and Neck Surgery Specialist, General Surgeon at the Albert Einstein Hospital, Alphaville Branch, Barueri, Sao Paulo, Brazil, Volunteer Head and Neck Surgeon at the Hospital das Clinicas of the University of Sao Paulo Medical School, Sao Paulo, Brazil

2012 Mohammed Alzahrani MD

Consultant and Assistant Professor Surgical Oncology specializing in thyroid and parathyroid surgery, King Abdul Aziz Medical City and University of Health Sciences, Riyadh, Saudi Arabia

2013 Ashlie Darr, MD Clinical Instructor, Department of Otolaryngology and Laryngology, Harvard Medical School

2014 Niranjana Sritharan BSc (Med) MBBS FRACS (ORL) Otolaryngology Head & Neck Surgeon Bankstown Hospital, Sydney, Australia

2015 Rahul Modi, MS (ENT), DNB Consultant - Otolaryngology - Head & Neck Surgery; Surgery for Sleep Apnea, Dr L H Hiranandani Hospital Powai, Mumbai - 76, India

2016 Whitney E. Liddy MD Assistant Professor of Otolaryngology - Head and Neck Surgery
Northwestern University, Feinberg School of Medicine

2017 Bradley Lawson MD Otolaryngology -Head and Neck Surgery Licking Memorial Hospital Newark Ohio

Massachusetts Eye & Ear Infirmary

Program Director Name:

Daniel G Deschler MD

Program Director Institutional Title:

Program Co-Director

Program Director Email:

Daniel_Deschler@meei.harvard.edu

Program Director Phone:

(617) 573-3502

Program Co-Director Name:

Jeremy Richmon MD

Program Co-Director Institutional Title:

Program Co-Director

Program Co-Director Email:

jeremy_richmon@meei.harvard.edu

Program Co-Director Phone:

(617) 573-3669

Program Coordinator:

Nancy Reardon

Program Coordinator Email:

nancy_reardon@meei.harvard.edu

Program Coordinator Phone:

(617) 573-3669

Address:

243 Charles Street
Boston, MA 02421
United States

Website:

<https://www.masseyeandear.org/education/otolaryngology/fellowship-program/fellow-in-head-neck-surgery>

Department Chair:

Bradley Welling MD

Faculty Involved with the Fellowship:

Surgery

Daniel G. Deschler, MD

Kevin Emerick, MD

Derrick T. Lin, MD

Jeremy D. Richmon, MD

Mark Varvares, MD

Radiation-Oncology

Paul M. Busse, MD

Annie Chan, MD

Medical-Oncology

John R Clark, MD

Lori Wirth, MD

Jung Park, MD

SLP-speech

Glenn Bunting, CCC-SLP

SLP-swallow

Tessa Goldsmith, CCC-SLP

Allison Holman, CCC-SLP

Racheal Kamer, CCC-SLP

Neurosurgery

William T. Curry, MD

Fred Barker, MD

Radiology

Hugh Curtin, MD

Mary Beth Cunane, MD

Pathology

William Faquin, MD

Peter Sadow, MD

Prosthodontics

Matthew Jackson, DMD

Infectious Disease

Marlene Durand, MD

Miriam Barshak, MD

Research

Sara Pai, MD, PhD

Total Number of Positions Available per Year:

44

Duration

1 year

Position Type

1 yr Clinical

PROGRAM DESCRIPTION**Overview:**

The Head and Neck Fellowship program at the Massachusetts Eye and Ear Infirmary provides advanced clinical training in head and neck oncology, microvascular free flap and pedicled reconstruction, advanced skull base surgery, transoral robotic surgery, and thyroid and parathyroid surgery. In conjunction with the Massachusetts General Hospital Cancer Center, the fellow will receive comprehensive multidisciplinary training in the management of patients with advanced head and neck cancer.

Objectives:

The fellow will oversee the care of all head and neck cancer patients being treated at the Massachusetts Eye and Ear Infirmary/Massachusetts General Hospital. The fellow will assist with the teaching of residents in ablative head and neck surgical procedures. He/she will receive extensive training in free flap and pedicled reconstruction, skull base surgery, and transoral robotic surgery. The fellow is expected to participate in tumor board, multidisciplinary clinic, resident teaching rounds, and specialty tumor board conferences. The fellow will obtain certification in hyperbaric medicine and will rotate in coverage of the Norman Knight Hyperbaric Oxygen Center.

Strengths:

The Division of Head and Neck Oncology at the Massachusetts Eye and Ear Infirmary serves as the premier referral center for advanced head and neck cancer care in New England. The high clinical volume provides the fellow with extensive experience in the management of these patients. At the Eye and Ear Infirmary, the fellow will have the unique opportunity for close interaction with national leaders in the fields of radiology, pathology, and speech and swallow therapy, while the collaborative efforts with the Massachusetts General Hospital will provide experience with radiation and medical oncology, neurosurgery, thoracic surgery, and surgical oncology. The fellow will receive nationally recognized certification in hyperbaric medicine.

Eligibility:

The fellow candidate must have completed residency in Otolaryngology – Head and Neck Surgery. Candidates should be board certified or board eligible, US or Canadian citizens, and be eligible for full Massachusetts State Medical Licensure.

Duties and Responsibilities of Fellows:

The fellow plays an integral role on the head and neck service. The fellow is expected to transition to junior faculty level over the course of the year with graduated increased autonomy and independence in managing complex head and neck cancer patients both in and out of the operating room. Fellows typically spend 4 days in the operating room and 1 day in clinic a week. He/she will round on all patients and provide support to the resident team where and when necessary. Fellows are expected to attend multidisciplinary tumor conference. The fellow is expected to be available to manage urgent patient care issues 3 weekends a month.

Research Opportunities:

All fellows are expected to participate in clinical research projects throughout the year.

Supervision, Teaching and Call:

Appropriate supervision in and out of the operating room is provided at all times. Increased autonomy is the expectation with comfort being achieved in managing the breadth of head and neck oncologic surgery and reconstruction.

The fellow is expected to teach residents in the operating room and conduct teaching rounds on the ward.

Fellows take occasional adult OHNS call with the Mass Eye and Ear faculty. He/she will also be in the pool of physicians covering hyperbaric oxygen call. An attending faculty member backs up the fellow at all times.

Past Fellows:

Vicente Resto, MD, PhD - Chair, Professor, University of Texas, Galveston
varesto@UTMB.EDU

Jose Sanclement, MD - Assistant Professor, University of Oklahoma
Jose-Sanclement@ouhsc.edu

Jeremy Richmon, MD - Associate Professor, Mass Eye and Ear Infirmary
Jeremy_richmon@meei.harvard.edu

<http://www.masseyeandear.org/find-a-physician/r/richmon-jeremy>

Anthony Nichols, MD - Associate Professor, Division Chief, University of Western Ontario
Anthony.Nichols@lhsc.on.ca

Vasu Divi, MD - Assistant Professor, Stanford University Medical Center
vdivi@stanford.edu

<https://med.stanford.edu/profiles/vasu-divi>

Audrey Erman, MD - Assistant Professor, University of Arizona
aerman@oto.arizona.edu

Alice Lin, MD - Kaiser Permanente, Affiliated faculty USC, Los Angeles, CA
alice.jo.lin@gmail.com

Mark Herr, MD - US Army, San Antonio, TX
marc.w.herr.mil@mail.mil

Bharat Yarlagadda, MD - Assistant Professor, Lahey Clinic, Boston University
bharat.b.yarlagadda@lahey.org

http://physicians.lahey.org/directory/profile.asp?setsize=10&pict_id=0003678

<https://www.bumc.bu.edu/busm/profile/bharat-yarlagadda/>

Neerav Goyal, MD, MPH - Assistant Professor, Penn State Hershey
ngoyal1@hmc.psu.edu

<http://www.pennstatehershey.org/findaprovider/provider/view/3078?q=goyal>

<https://profiles.psu.edu/profiles/display/78801828>

Tjoson Tjoa, MD - Assistant Professor, UC Irvine
tjosan@gmail.com

Heather Osborn, MD - Assistant Professor, Yale University
heather.a.osborn@gmail.com

Previous fellow research projects while at MEEI:

Vicente Resto, MD, PhD:

Resto VA, Chan A, Deschler DG, and Lin DT. Extent of Surgery in the Management of Locally Advanced Sinonasal Malignancies. *Head and Neck* 2007; 30(2): 222-229.

Resto, VA, McKenna, MJ, Deschler, DG. Pectoralis Major Flap in Composite Lateral Skull Base Defect Reconstruction. *Arch Otolaryngol Head Neck Surg* 2007;133:490-494.

Jeremy Richmon, MD

Richmon, J.D., Samji, H.A., Deschler, D.G. National Laryngopharyngectomy and Reconstructive Surgery Survey.

Laryngoscope. 2009 Aug;119(8):1472-8.

Anthony Nichols, MD

Nichols AC, Faquin WC, Westra WH, Mroz EA, Begum S, Clark JR, Rocco JW. HPV-16 infection predicts treatment outcome in oropharyngeal squamous cell carcinoma. *Otolaryngol Head Neck Surg.* 2009 Feb;140(2):228-34.

Michaud WA, Nichols AC, Mroz EA, Faquin WC, Clark JR, Begum S, Westra WH, Wada H, Busse PM, Ellisen LW, Rocco JW. Bcl-2 blocks cisplatin-induced apoptosis and predicts poor outcome following chemoradiation treatment in advanced oropharyngeal squamous cell carcinoma. *Clin Cancer Res.* 2009 Mar 1;15(5):1645-54.

Nichols AC, Finkelstein DM, Faquin WC, Westra WH, Mroz EA, Kneuert P, Begum S, Michaud WA, Busse PM, Clark JR, Rocco JW. Bcl2 and human papilloma virus 16 as predictors of outcome following concurrent chemoradiation for advanced oropharyngeal cancer. *Clin Cancer Res.* 2010 Apr 1;16(7):2138-46

Nichols AC, Kneuert PJ, Deschler DG, Lin DT, Emerick KS, Clark JR, Busse PW, Rocco JW. Surgical salvage of the oropharynx after failure of organ-sparing therapy. *Head Neck.* 2011 Apr;33(4):516-24.

Vasu Divi, MD

Divi V, Lin DT, Emerick KS, Rocco J, Deschler DG. (2011). Primary TEP Placement In Patients With Laryngopharyngeal Free Tissue Reconstruction And Salivary Bypass Tube Placement. *Otolaryngology—Head and Neck Surgery*, 144 (3), 474-476.

Mark Herr, MD

Deschler DG, Herr MW, Kmiecik JR, Sethi R, Bunting G. Tracheoesophageal voice after total laryngopharyngectomy reconstruction: Jejunum versus radial forearm free flap. *Laryngoscope.* 2015 Dec;125(12):2715-21

Gray ST, Herr MW, Sethi R, Diercks, G, et al. Treatment outcomes and prognostic factors including papillomavirus (HPV) for sinonasal undifferentiated carcinoma: A retrospective review. *Head Neck.* 2015 Mar;37(3):366-74.

Emerick KS, Herr MW, Lin DT, Santos F, Deschler DG. Supraclavicular artery island flap for reconstruction of complex parotidectomy, lateral skull base, and total auriculectomy defects. *JAMA Otolaryngol Head Neck Surg.* 2014 Sep;140(9):861-6.

Herr MW, Bonanno A, Montalbano LA, Deschler DG, Emerick KS. Shoulder function following reconstruction with the supraclavicular artery island flap. *Laryngoscope.* 2014 Nov;124(11):2478-83.

Emerick KS, Herr M, Deschler DG. Supraclavicular flap reconstruction following total laryngectomy. *Laryngoscope.* 2014 Aug;124(8):1777-82.

Chambers KJ, Lin DT, Meier J, Remenschneider A, Herr M, Gray ST. Incidence and survival patterns of cranial chordoma in the United States. *Laryngoscope.* 2014 May;124(5):1097-102.

Bharat Yarlagadda, MD

Durand ML, Yarlagadda B, Rich DL, Lin DT, Emerick KS, Rocco JW, Deschler DG. The time course and microbiology of surgical site infections after head and neck surgery. *Laryngoscope.* 2015; 125(5): 1084-9.

Puram SV, Yarlagadda B, Sethi R, Muralidhar V, Chambers KJ, Emerick KS, Rocco JW, Lin DT, Deschler DG. Transfusion in head and neck free flap patients: Practice patterns and a comparative analysis by flap type. *Otolaryngol Head Neck Surg.* 2015; 152(3): 449-57

Yarlagadda B, Deschler DG, Rich DL, Lin DT, Emerick KS, Rocco JW, Durand ML. Head and neck free flap surgical site infections in the era of the Surgical Care Improvement Project. *Head Neck.* 2015, Jan 12. Epub ahead of print.

Goyal N, Emerick KS, Deschler DG, Lin DT, Yarlagadda B, Rich DL, Durand ML. Risk factors for surgical site infection after supraclavicular flap reconstruction in patients undergoing major head and neck surgery. *Head Neck.* 2016

Apr 21. Epub ahead of prin.

Lin DT, Yarlagadda B, Sethi RK, Feng AL, Shnayder Y, Ledgerwood LG, Diaz JA, Sinha P, Hanasono MM, Yu P, Skoracki RJ, Lian TS, Patel UA, Leibowitz J, Purdy N, Starmer H, Richmon JD. Long-term functional outcomes of total glossectomy with or without total laryngectomy. *JAMA Otolaryngol. Head Neck Surg.* 2015; 141(9): 797-803.

Yarlagadda B, Meier J, Emerick K, Lin DT, Deschler DG. Loco-regional control of tongue base adenoid cystic carcinoma with primary resection and radial forearm free flap reconstruction. *ENT Journal.* 2014. Manuscript accepted.

Richmon JD, Yarlagadda B, Wax MK, Patel U, Diaz J, Lin DT. Locoregional and free flap reconstruction of the lateral skull base. *Head Neck.* 2014; 37(9): 1387-91.

Icuspit P, Yarlagadda B, Garg S, Johnson T, Deschler DG. Heat and moisture exchange devices for patients undergoing total laryngectomy. *ORL – Head and Neck Nursing.* 2014; 32(1):20-23.

Yarlagadda B, Hatton E, Huettig J, Deschler DG. Patient and staff perceptions of social worker consultation before surgical therapy for head and neck cancer. *Health and Social Work.* 2015; 40(2): 120-124.

Mohan S, Puram SV, Yarlagadda B, Nosé V, Deschler DG. Ossifying Parotid Carcinoma ex Pleomorphic Adenoma. *Case Rep Otolaryngol.* Vol. 2015, Article ID 395358, 2015.

Neerav Goyal, MD

Goyal N, Deschler DG. Minimally Invasive Removal of Mandibular Hardware after Free Flap Reconstruction. *Otolaryngol--Head Neck Surg Off J Am Acad Otolaryngol-Head Neck Surg.* 2015;153(5):888-890.

Goyal N, Lin D. Management of Recurrent HPV-Related Oropharyngeal Cancer. *Curr Otorhinolaryngol Rep.* 2015;3(2):56-62.

Goyal N, Jowett N, Dwojak S, et al. Use of the submental vessels for free gracilis muscle transfer for smile reanimation. *Head Neck.* June 2016.

Goyal N, Emerick KS, Deschler DG, et al. Risk factors for surgical site infection after supraclavicular flap reconstruction in patients undergoing major head and neck surgery. *Head Neck.* April 2016.

Goyal N, Parikh A, Lin D. Clinical outcomes of transoral robotic-assisted surgery for the management of head and neck cancer. *Robot Surg Res Rev.* September 2015:95.

Naunheim MR, Goyal N, Dedmon MM, et al. An Algorithm for Surgical Approach to the Anterior Skull Base. *J Neurol Surg Part B Skull Base.* 2016;77(4):364-370.

Heather Osborn, MD

Colaianni CA, Bowe SN, Osborn HA, Lin DT, Richmon JD, Hartnick CJ. Robotic epiglottopexy for severe epiglottic prolapse limiting decannulation. *Int J Pediatr Otorhinolaryngol.* 2017 Nov;102:157-159.

Osborn HA, Rathi VK, Tjoa T, Goyal N, Yarlagadda BB, Rich DL, Emerick KS, Lin DT, Deschler DG, Durand ML. Risk factors for thirty-day readmission following flap reconstruction of oncologic defects of the head and neck. *Laryngoscope.* 2017 Aug 29.

Abt NB, Derakhshan A, Naunheim MR, Osborn HA, Deschler DG. Facial nerve sacrifice during parotidectomy: A cautionary tale in pathologic diagnosis. *Am J Otolaryngol.* 2017 May - Jun;38(3):358-359.

Osborn HA, Lin DT. P16 and HPV discordance in oropharyngeal squamous cell carcinoma: what are the clinical implications? *Ann Hematol Oncol* 2016; 3(11): 1123.

In submission:

Osborn HA, Goldsmith T, Varvares MA. Assessing functional outcome in head and neck surgical oncology.

Mohebbali J, Osborn HA, Ergul EA, Deschler DG, LaMuraglia GM. Optimizing patient outcomes in carotid body tumor

resection with a multi-disciplinary surgical approach.

MD Anderson Cancer Center

Program Director Name:

Amy C Hessel MD

Program Director Institutional Title:

Professor and Program Director

Program Director Email:

ahessel@mdanderson.org

Program Director Phone:

(713) 563-9413

Program Coordinator:

Kelley Mikeska

Program Coordinator Email:

klmikesk@mdanderson.org

Program Coordinator Phone:

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Address:

Department of Head and Neck Surgery
1515 Holcombe Blvd., Unit 1445
Houston, TX 77030
United States

Website:

<https://www.mdanderson.org/research/departments-labs-institutes/departments-divisions/head-and-neck-surgery.html>

Department Chair:

Jeffrey N Myers MD, PhD

Faculty Involved with the Fellowship:

Jeffrey N. Myers, MD, PhD
Amy C. Hessel, MD
Eduardo M. Diaz, Jr., MD
Paul W. Gidley, MD
Ann M. Gillenwater, MD

Ryan P. Goepfert, MD
Neil Gross, MD
Ehab Y. Hanna, MD
Michael E. Kupferman, MD
Carol M. Lewis, MD
Stephen Y. Lai, MD, PhD
Marc-Elie Nader, MD
Kristen B. Pytynia, MD
Erich M. Sturgis, MD
Shirley Y. Su, MD
Randal S. Weber, MD
Mark E. Zafereo, MD

Total Number of Positions Available per Year:

3

Duration

(1) 1-year clinical HNS, (1) 2-year research and clinical HNS, (1) 2-year HNS & PRS

Position Type

Clinical

PROGRAM DESCRIPTION

Overview:

Our fellowship program is either one, two, or three years long. All of these programs are accredited by the Joint Council for Approval of Advanced Teaching in Head and Neck Surgical Oncology. The one-year fellowship is a pure clinical position which emphasizes a multidisciplinary approach to the management of head and neck cancer. Surgical experience involves all aspects of head and neck surgical oncology, including skull base surgery, robotics, and other micro invasive techniques.

The two-year position provides a one year of dedicated clinical, outcomes, basic science, and/or translational research and one year of clinical training. The research years are under the direct guidance of an appropriate mentor in the area of interest within the MDACC institution. In addition, there are research tracts which allow for the pursuit of additional education such as a Master's in Public Health.

There is a two-year fellowship in Head and Neck Surgical Oncology and Microvascular Reconstructive Surgery which is a unique fellowship offering intensive training in each discipline. The first year is a pure HNS clinical year as described above. The second year is a pure reconstructive experience directed and supervised by the Department of Reconstructive and Plastic Surgery.

The positions available at the UT MDACC Department of Head & Neck Surgery will vary from year to year depending on which positions are held by the current fellows. Please e-mail Dr. Amy Hessel (ahessel@mdanderson.org) or Kelley Mikeska (klmikesk@mdanderson.org) for further information regarding which positions are open for the upcoming fellowship year.

Objectives:

The goals and objectives of the MD Anderson Head and Neck Surgical Oncologic Fellowship are to train individuals to provide state of the art multidisciplinary care for patients with head and neck cancer, develop leaders in the field of head and neck oncologic surgery, and provide a rigorous academic experience in which fellows can

participate in clinical, outcomes, translational, and/or basic science research under the guidance of a suitable mentor(s) with the ultimate goal of attaining support for future research endeavors upon the completion of training.

Strengths:

Broad exposure to all head and neck cancer subsites with a wide variety of HNS faculty

Strong focus on multidisciplinary evaluation, treatment and follow up

Exposure and education related to ancillary services such as speech pathology, nutrition, dental oncology and rehabilitation.

Extensive exposure to surgical management of advanced upper aerodigestive, salivary gland, thyroid, skull base, skin and neck malignancies

Full year of microvascular reconstructive surgical exposure with the 2 year combined HNS-PRS fellowship tract Classroom, cadaver and simulator education as well as surgical exposure to Transrobotic surgery

Teaching and leadership opportunities with otolaryngology residents

Comprehensive head and neck cancer Core and Didactic curriculum

Eligibility:

To be considered for a position, the candidate for the head and neck fellowship must have completed a residency program in Otolaryngology, General Surgery or Plastic Surgery. The time frame must be equivalent to the requirement to become, at minimum, chief resident; and preferable, should have attained Board eligibility. Candidates must have completed at least PGY V level of surgical education. The candidates are selected through a process that involves review of a written application, including letters of reference from past mentors and program directors, followed by a personal interview.

Final selections are made at the time of the AHNS Match process and in the following 2-3 months in order to fill all of the open positions. All interested US and Canadian fellowship applicants must be registered with the Match Program of the Advanced Training Council for Approval of Training in Head and Neck Oncology Surgery (sponsored by The American Head and Neck Society) to be considered for a position. Those applicants who are not eligible for the Match Program are required to undergo the same application process by filling out the AHNS application with the references and forwarding them directly to the Department of Head & Neck Surgery at MDACC, c/o Kelley Mikeska.

All qualified applicants will receive consideration without regard to race, color, religion, sex, national origin, age, handicap, sexual orientation, or veteran status.

Duties and Responsibilities of Fellows:

For those fellows doing a 2 or 3 year fellowship, the first 12 to 24 months of non-clinical training are under the mentorship and supervision of research faculty within the institution and associated with the Department of Head and Neck Surgery. During the clinical year, a HNS faculty mentor is assigned to every fellow for counseling and review of progress. In addition, there are research tracts which allow for the pursuit of additional education such as a Master's in Public Health which would be obtained through the available graduate education facilities in the Houston area.

During the clinical year, the fellows' primary responsibilities are in the field of patient care. The Department of Head and Neck surgery faculty are divided into 4 clinical teams; each comprising of 3-5 surgeons. The fellows rotate through each of the teams twice throughout the year, and have exposure to all faculty members equally during the 12 months of clinical fellowship. The fellows will be the leaders of the team, and are expected to supervise residents as well as see new and follow-up patients in the clinic, manage the inpatient service as well as the consultations for the clinical team. While on each service, the fellow will have hands-on operative experience with each faculty in their areas of specialty or expertise. They will serve as first assistants or primary surgeons in the operating room under the constant supervision of the faculty surgeon.

In addition to the hands-on experience in the operating room, clinic, and inpatient floor, the trainees are required to attend the educational activities of the week which include a Wednesday lecture day of Didactic lectures, Core Curriculum lectures and Friday morning Chairman teaching rounds. The subjects of the lectures and rounds are

related to Head and Neck Oncology and related subspecialties and are meant to complement the practical learning. The theoretical instruction of the lecture series is well defined. The Didactic lectures are trainee-run grand round style lectures as well as literature reviews, clinic-radiologic-pathologic correlates and morbidity/mortality conferences. The Core Curriculum lectures are given by faculty either from the MDACC staff or from guest lectures. The topics include a rotating two year schedule for important topics for the Head and Neck oncology education.

In addition, the fellow will be expected to participate in the clinic research activities of the department. They will be asked to choose a supervising mentor and a clinical research project which can be completed during the year. They will be expected to participate in the IRB process, data collection, analysis and paper writing. In order to receive a Certificate of Completion from The University of Texas MD Anderson Cancer Center, the will have to submit a written paper suitable for peer-reviewed. "Moonlighting" is not allowed.

Research Opportunities:

The two-year position provides a one year of dedicated clinical, outcomes, basic science, and/or translational research and one year of clinical training. The research years are under the direct guidance of an appropriate mentor in the area of interest within the MDACC institution. In addition, there are research tracts which allow for the pursuit of additional education such as a Master's in Public Health.

Supervision, Teaching and Call:

Each of the fellows will be exposed to and participate in the care of approximately 350-400 newly referred patients annually. The fellow will participate with the senior staff in all decisions relative to the prescribed treatment. The fellow's operative responsibility will be assigned commensurate with ability. Residents and medical students are also assigned to the team, giving the Head and Neck fellow the opportunity to demonstrate leadership and educational skills.

Past Fellows:

1997-2000

Erich M. Sturgis, MD

Department of Head and Neck Surgery

UT MD Anderson Cancer Center, Houston, TX

1998-2000

Paul M. Spring, MD

Otolaryngology-HNS

Metairie, LA

1999-2000

Amy C. Hessel, MD

Department of Head and Neck Surgery

UT MD Anderson Cancer Center, Houston, TX

1998-2001

Amy Y. Chen, MD

Department of Otolaryngology-HNS

Emory University, Atlanta, GA

1999-2001

Mike Yao, MD

Department of Otolaryngology-HNS

Mount Sinai, Scarsdale, NY

1999-2001

Eric J. Lentsch, MD

Department of Otolaryngology-HNS

Medical University of South Carolina, Charleston, SC

2001-2003

F. Christopher Holsinger, MD
Department of Otolaryngology-HNS
Stanford University, Palo Alto, CA

2001-2003

Bryan Potter, MD
Department of General Surgery
Island Hospital, Anacortes, WA

2001-2003

Hernan E. Gonzalez, MD, PhD
Department of Head and Neck Surgery
Pontificia Universidad Catolica de Chile, Santiago Chile

2001-2003

Christian Simon, MD
Department of Otolaryngology
Washington University School of Medicine, St. Louis, MO

2002-2004

Kristen B. Pytynia, MD
Department of Head and Neck Surgery
UT MD Anderson Cancer Center, Houston, TX

2002-2004

Bradley A. Schiff, MD
Department of Otolaryngology-H&N Surgery
Montefiore Medical Center, Bronx, NY

2003-2005

Brian A. Moore, MD
Department of Otolaryngology-HNS
Ochsner Medical Center, New Orleans, LA

2004-2005

Kenneth A. Newkirk, MD
Department of Otolaryngology-H&N Surgery
Georgetown University Hospital, Washington, DC

2004-2005

William J. Harb, MD
Cumberland Surgical Associates, Nashville, TN

2004-2006

Christopher Klem, MD
Department of Otolaryngology
The Queen's Medical Center, Honolulu, HI

2003-2006

Seungwon Kim, MD
Department of Otolaryngology-H&N Surgery
University of Pittsburgh, Pittsburgh, PA

2003-2016

Thomas D. Shellenberger, MD
Department of Head and Neck Surgery

Banner Hospital, Phoenix, AZ

2004-2006

Michael E. Kupferman, MD
Department of Head and Neck Surgery
UT MD Anderson Cancer Center, Houston, TX

2006-2007

Allison D. Lupinetti, MD
Otolaryngology-HNS
Albany, NY

2005-2008

Andrew Sikora, MD, PhD
Department of Otolaryngology-HNS
Baylor College of Medicine, Houston, TX

2006-2009

Chad E. Galer, MD
Department of Otolaryngology-HNS
VA Medical Center, Indianapolis, IN

2006-2009

Mauricio A. Moreno, MD
Department of Otolaryngology-HNS
University of Arkansas Medical Sciences, Little Rock, AR

2007-2008

Gabriel Calzada, MD
Department of Otolaryngology-HNS
Kaiser Permanente, Downey, CA

2007-2008

Umamaheswar Duvvuri, MD
Department of Otolaryngology-HNS
University of Pittsburg Medical Center, Pittsburgh, PA

2007-2010

Zvonimir Milas, MD
Department of General Surgery
Carolinas HealthCare System, Charlotte, NC

2008-2009

Yitzchak E. Weinstock, MD
Department of Otolaryngology-HNS
Kelsey-Seybold, Houston, TX

2008-2010

Genevieve A. Andrews, MD
Department of Otolaryngology-HNS
Temple University, Pittsburg, PA

2008-2010

Carol M. Lewis, MD
Department of Head and Neck Surgery
UT MD Anderson Cancer Center, Houston, TX

2009-2010

David Grant, MD

Department of Otolaryngology-HNS
Mayo Clinic, Jacksonville, FL

2009-2011

Mihir K. Bhayani, MD
Department of Otolaryngology-HNS
North Shore Medical Center, Chicago, IL

2010-2011

Charley E. Coffey, MD
Department of Otolaryngology-HNS
University of California - San Diego, San Diego, CA

2010-2011

Rafael O. Toro-Serra, MD
Department of Surgical Oncology
University of Florida at Orlando, Orlando, FL

2010-2011

Mark E. Zafereo, MD
Department of Head and Neck Surgery
UT MD Anderson Cancer Center, Houston, TX

2009-2012

Thomas J. Ow, MD
Department of Otolaryngology - HNS
Albert Einstein University, Bronx, NY

2011-2012

Shirley Y. Su, MD
Department of Head and Neck Surgery
UT MD Anderson Cancer Center, Houston, TX

2012-2013

Steve S. Chang, MD
Department of Otolaryngology-HNS
Henry Ford University, Detroit, MI

2012-2013

Constance Teo, MD
Department of Otolaryngology - HNS
Singapore General Hospital, Singapore

2011-2014

David M. Neskey, MD
Department of Otolaryngology - Head and Neck Surgery
Medical University of South Carolina, Charleston, SC

2013-2014

Jonathan R. George, MD
Department of Head and Neck Surgery
University of California - San Francisco Medical Center, San Francisco, CA

2012-2014

Marcus M. Monroe, MD
Department of Head and Neck Surgery
University of Utah, Salt Lake City, UT

2012-2015

Andrew T. Huang, MD
Department of Head and Neck Surgery
Baylor College of Medicine, Houston, TX

2013-2015
Rami Saad, MD
Department of Head & Neck Surgery
American University Beirut, Beirut, Lebanon

2014-2015
Wojech K. Mydlarz, MD
Department of Head & Neck Surgery
Johns Hopkins University, Baltimore MD

2014-2016
Steven B. Chinn, MD
Department of Head & Neck Surgery
University of Michigan, Ann Arbor, MI

2014-2016
Natalie L. Silver, MD
Department of Otolaryngology
University of Florida, Gainesville, FL

2015-2016
Vlad C. Sandaluche, MD, PhD
Department of Head & Neck Surgery
Baylor College of Medicine, Houston, TX

2015-2016
Harold Heah, MD
Department of Otolaryngology-HNS
Singapore General Hospital, Singapore

2016-2017
Ryan P. Goepfert, MD
Department of Head and Neck Surgery
UT MD Anderson Cancer Center, Houston, TX

2016-17
Jamie A. Ku, MD
Department of Head and Neck Surgery
Cleveland Clinic, Cleveland, OH

2016-17
Marietta Tan, MD
Department of Head and Neck Surgery
Johns Hopkins, Baltimore, MD

Medical University of South Carolina

Program Director Name:

Terry A Day MD

Program Director Institutional Title:

Program Director

Program Director Email:

headneck@musc.edu

Program Director Phone:

(843) 792-8363

Program Coordinator:

Mark Bouknight

Program Coordinator Email:

Bouknigh@musc.edu

Program Coordinator Phone:

(843) 792-0719

Address:

Head & Neck Tumor Center, Hollings Cancer Center
MSC550, 135 Rutledge Avenue
Charleston, SC 29425
United States

Website:

<https://academicdepartments.musc.edu/ent/fellowship/head-and-neck-and-oncologic-and-reconstructive-surgery>

Department Chair:

Paul R Lambert MD

Faculty Involved with the Fellowship:

Terry Day, MD - Head & Neck Surgery
Evan M. Graboyes, MD - Head & Neck Surgery
Joshua Hornig, MD - Head & Neck Surgery/Microvascular
Eric Lentsch, MD - Head & Neck Surgery
David Neskey, MD - Head & Neck Surgery
Judith Skoner, MD - Head & Neck Surgery/Microvascular

Roy Sessions, MD - Head & Neck Surgery
Krishna Patel, MD, PhD - Facial Plastic & Reconstructive Surgery
Anand Sharma, MD - Radiation Oncology
Jennifer Harper, MD - Radiation Oncology
John Kaczmar, MD - Medical Oncology
Paul O'Brien, MD - Medical Oncology
Bonnie Martin Harris, PhD - Speech Pathology
Betsy Davis, DMD - Maxillofacial Prosthodontics
Martin Steed, DDS - Oral & Maxillofacial Surgery
Mary Richardson DDS, MD - Head & Neck Pathology
Brad Neville DDS - Oral Pathology
Gisele Matheus, MD - Head & Neck Radiology
Vittoria Spampinato, MD - Head & Neck Radiology
Jyotika Fernandes, MD - Endocrine Oncology
Alex Vandergift, MD - Neurosurgery/Skull Base Surgery
Sunil Patel, MD - Neurosurgery/Skull Base Surgery
Joel Cook, MD - Mohs & Dermatologic Oncology
Katherine Sterba, PhD - Quality of Life and Survivorship
M Rita Young, PhD - Head & Neck Immunology
Besim Ogretmen, PhD - Lipidomics in Head and Neck Cancer
Keith Kirkwood, PhD - Head & Neck Tumor Biology
Steve Rosenzweig, PhD - Signaling in Head and Neck Cancer
Viswanathan Palanisamy, PhD - Craniofacial Biology

Total Number of Positions Available per Year:

2

Duration

1 year

Position Type

Clinical

PROGRAM DESCRIPTION

Overview:

The Head and Neck Tumor Center at the Medical University of South Carolina (MUSC) is one of the largest programs in the US devoted to the care of the head and neck cancer patient. The program is based within the Hollings Cancer Center at MUSC, the only NCI-designated cancer center in South Carolina. The focus of the MUSC Head and Neck Tumor Center is on providing compassionate, comprehensive and innovative care to all patients and their families. Overall, 750 – 800 new patients with head and neck cancer are evaluated at MUSC annually. The MUSC Head and Neck Tumor Center has a strong multidisciplinary focus, with providers from Head and Neck Surgery, Radiation Oncology, Medical Oncology, Maxillofacial Prosthodontics, Speech/ Swallowing Therapy, Dental Oncology, Nutrition, Social Work and related fields working together to provide the optimal care for head and neck cancer patients. In 2011, the Head and Neck Tumor Center was cited as the best interdisciplinary clinical program at MUSC. The Head and Neck Tumor Center also has an extremely robust research portfolio. Currently, the program has 15 open clinical trials in head and neck cancer, along with 10 NIH-funded basic science laboratories or translational research programs with over four million dollars annually in research funding. The MUSC Head and Neck Tumor Center is a division of the MUSC Department of Otolaryngology-Head and Neck Surgery but was approved as an institutional center at MUSC crossing many disciplines. The Department of Otolaryngology – HNS at MUSC is ranked 10th nationally among Otolaryngology departments for NIH funding, with over \$5.5 million in

current grants. The most recent US News & World report study ranked the MUSC Department of Otolaryngology as #2 in the Southeastern US.

The Fellowship in Surgical Oncology and Microvascular Reconstruction of the Head and Neck at MUSC provides the highest level of training in the management and surgical treatment of head and neck cancer. Each Fellow enters as Clinical Instructor level faculty and performs approximately 280 major cases per year as primary surgeon. Depending on their level of interest, fellows will participate in 50 - 100 cases of microvascular free tissue transfer for head and neck reconstruction. Fellows also have the opportunity to perform surgical procedures with surgeons from other specialties, including Facial Plastics, Dermatologic Surgery, Oral and Maxillofacial Surgery, Ophthalmology, Thoracic Surgery, and Vascular Surgery. In addition to working with senior faculty in a clinical setting, each Fellow also has an independent head and neck cancer clinic and is not responsible for general otolaryngology patients. In this setting, fellows evaluate new patients each week and have primary management responsibility for all patients seen in their clinic. All patients evaluated in the Fellows' clinic who require surgical intervention are operated upon by the Fellows with the supervision or assistance of senior faculty as appropriate. In this manner, Fellows have the opportunity to function largely independently as junior faculty in accordance with their skill and experience levels. Fellows also have short clinical rotations with specialists from Radiation Oncology, Medical Oncology, Oral Pathology, Head & Neck Pathology, Maxillofacial Prosthodontics and Speech Pathology. Research opportunities abound. Fellows participate in all Head and Neck Clinical Trials meetings and are required to complete at least one translational research project during the fellowship along with other clinical studies or review projects. For those interested in undertaking more dedicated research time, there is the option to devote an additional year exclusively to research.

Objectives:

The goals and objectives of the Fellowship in Surgical Oncology and Microvascular Reconstruction of the Head and Neck are as follows:

- 1.) Provide comprehensive, hands-on training in Head and Neck Surgery including the treatment of complex endoscopic and open aerodigestive, cutaneous, endocrine and skull base neoplasms.
- 2.) Establish a strong foundation in research methods in preparation for a career in academic Head and Neck Surgery.
- 3.) Instill a team-based multidisciplinary approach and philosophy for addressing the most complex issues confronting the Head and Neck surgeon.
- 4.) Provide thorough training in microvascular techniques for reconstruction of head and neck defects.

Eligibility:

Applicants for the head and neck oncologic and reconstructive fellowship must have completed a residency program in Otolaryngology, General Surgery or Plastic Surgery. The applicant should have significant experience in surgery of the head and neck and be BC/BE in Otolaryngology, General Surgery, or Plastic Surgery. A South Carolina medical license must be obtained prior to the fellowship year as well as VA privileges. Applicants are required to complete a written application, including three letters of reference, and a personal on-site interview. All interested US and Canadian fellowship applicants must be registered with the Match Program of the Advanced Training Council of The American Head and Neck Society to be considered for a position. The Medical University of South Carolina is an equal opportunity affirmative action employer. Women and minorities are encouraged to apply.

Research Opportunities:

Steve A. Rosenzweig, Ph.D.

Professor

Department of Cell & Molecular Pharmacology:

Research is focused on the role of the insulin-like growth factor (IGF) system in cancer progression, metastasis and therapeutics in solid tumors, with particular emphasis on IGF-1R crosstalk to vascular endothelial growth

factor receptors. This work combines basic, mechanistic experimentation with animal studies and translational approaches using human specimens, thereby providing an optimal environment for students, postdoctoral fellows and junior faculty to pursue successful research projects. In particular, we are examining the mechanisms by which VEGF signaling in head and neck squamous cell carcinoma regulates invadopodia formation and invasive activity. In a second project, we are developing IGFBP-2 as a therapeutic that would have utility in a number of cancers in which IGF-1 receptor signaling leads to enhanced tumorigenicity.

Viswanathan Palanisamy, Ph.D.
Associate Professor
Department of Oral Health Sciences:

Research is focused on investigating the post-transcriptional changes that regulate the gene expression patterns during oral cancer and mucositis development. My primary research interest is to investigate the post-transcriptional changes that regulate the gene expression patterns during oral cancer and mucositis development. I have the expertise in RNA and salivary biology, oral cancer, leadership skills and scientific determination to pursue academic research as a career will help me to successfully carry out the proposed grant application. Specifically, I have a strong background in studies aiming at post-transcriptional gene expression in oral cancer with special training and expertise in genomics and transcriptomics of oral health research. Given my Biochemistry and Molecular Biology training, and interests in oral health and oncology research, I am well-suited as an investigator training head and neck surgical oncology fellows. With a strong working knowledge in RNA biology, I teamed up with Drs. Terry Day, Marion Boyd Gillespie and David Neskey to study post-transcriptional regulation in head and neck squamous cell carcinoma.

M. Rita I. Young, Ph.D.
Associate Chief of Staff for Research
Ralph H. Johnson VAMC

Research focus is in the area of Oncology, with particular emphasis on immune regulation in patients with squamous cell carcinoma of the head and neck (HNSCC). Immunotherapy for cancer patients is a treatment approach that has been the thrust of my studies. However, stimulation of anti-cancer immune reactivity is hampered by the severe immune dysfunction in cancer patients. The studies in my lab have identified several mechanisms by which to overcome this immune dysfunction so that subsequent immune vaccines can be effective. Toward this goal, my basic science laboratory studies have progressed into several clinical trials with HNSCC patients. The present study aims to capitalize on an immune stimulatory phenotype that is present in the early stages that lead to HNSCC development. This translational study to sustain an immune stimulatory environment so as to limit tumor progression is expected to lead to novel approaches for patients who are at high risk of developing oral cancer. I have been an independent PI for more than 25 years with national, peer-reviewed funding from VA, NIH, DOD, and others. I am well qualified to serve as a mentor and oversee the training of head and neck surgical oncology fellows.

Besim Ogretmen, Ph.D.
Professor
Department of Biochemistry & Molecular Biology

Research is focused on the molecular mechanisms of the regulation of telomerase and telomeres by ceramide signaling. Furthermore we are investigating the mechanisms of ceramide-mediated regulation of PP2A by lipid-protein interactions along with the regulation of ER stress and apoptosis by sphingolipid metabolism. We have are also studying the mechanisms of lipid-regulated cancer metastasis and drug resistance in HPV associated head and neck squamous cell carcinoma. Given my background in biochemistry and lipid metabolism along with my ongoing collaborations with Drs. Terry Day and David Neskey I am well-positioned to provide mentorship to head and neck surgical oncology fellows interested in pursuing a career as a surgeon scientist. With a strong working knowledge in RNA biology, I teamed up to study post-transcriptional

David M. Neskey, M.D.
Assistant Professor
Department of Otolaryngology

Division of Head and Neck Surgical Oncology
Department of Cell and Molecular Pharmacology:

Research is focused on the impact of mutations in the tumor suppressor, TP53, on tumor progression and metastases. This work combines a translational component including the analysis of clinical and genomic data with preclinical modeling including in vitro assays of cell proliferation, migration, and invasion and in vivo experiments including orthotopic mouse models of oral cancer and tail vein metastatic models. We are currently investigating novel mechanisms associated with oncogenic characteristics of p53 mutations, which combines genomic sequence analysis with high throughput screens of candidate genes. The goal of these studies is to identify novel targets for potential therapeutic intervention. A second project investigates the role Myosin IIA, a nonmuscle myosin recently identified as tumor suppressor in HNSCC, in the oncogenic properties of mutant p53. My role as a surgeon scientist focused on translational research provides a great opportunity for aspiring surgeon scientists specifically with my expertise in cellular biology, genomics, clinical outcomes research.

Supervision, Teaching and Call:

The Fellow will participate in the outpatient evaluation and treatment, inpatient care, and surgical treatment of over 700 new patients per year. The Fellow will work under the supervision of senior faculty, but will also have the opportunity to increasingly function independently during the course of the training year as appropriate. Trainees are evaluated monthly by program faculty and semiannual reviews are performed with the Program Director in person.

Past Fellows:

2002-2003

Michael Burnett, M.D. - New York Otolaryngology Group, New York, NY.

2003-2004

Serap Koybasi, M.D. - Abant Izzet Baysal University, Bolu, Turkey.

2004-2005

Joshua D. Hornig, M.D. - Medical University of South Carolina, Charleston, SC.

2005-2006

Allen O. Mitchell, M.D. - Naval Medical Center, Portsmouth, VA.

2006-2007

Oleg N. Militsakh, M.D. - University of Nebraska Medical Center, Omaha, NE.

2007-2008

Luke O. Buchmann, M.D. - University of Utah, Salt Lake City, UT.

2008-2009

Nadia Mohyuddin, M.D. - Baylor College of Medicine, Houston, TX.

2009-2010

Tanya Fancy, M.D. - West Virginia University Health Sciences Center, WV.

2010-2011

Wayne Cardoni, M.D. - National Naval Medical Center, Bethesda, MD.

Trinita Cannon, M.D. - University of Oklahoma Health Sciences Center, Oklahoma City, OK.

2011-2012

Barry T. Malin, M.D., M.P.P. - Medical University of South Carolina, SC.

Akash Anand, M.D. - Private Practice, Metairie, LA.

2012-2013

Arnaud Bewley, M.D. - University of California, Davis

Mayuri Rajapurkar, M.D. - Private Practice, Nadiad, Gurarat, India.

2013-2014

Jeffrey Houlton, M.D. - University of Washington, Seattle, WA.

Paul Tennant, M.D. - University of Louisville, Louisville, KY.

2014-2015

Rusha Patel, MD

Shaum Sridharan, MD

2015-2016

Sobia Khaja, MD

Elizabeth Nicolli, MD

2016-2017

Evan M. Graboyes, MD

Suhael Momin, MD

Memorial Sloan-Kettering Cancer Center

Program Director Name:

Luc GT Morris MD, MSc

Program Director Email:

morrisl@mskcc.org

Program Director Phone:

(212) 639-3049

Address:

Head and Neck Service, Department of Surgery, Memorial Sloan-Kettering Cancer Center.
1275 York Avenue
New York, NY 10065
United States

Website:

<https://www.mskcc.org/hcp-education-training/fellowships/head-and-neck>

Department Chair:

Richard J Wong MD

Faculty Involved with the Fellowship:

Jay O. Boyle, M.D.
Marc A. Cohen, M.D., M.P.H.
Jennifer R. Cracchiolo, MD
Ian Ganly, M.D, Ph.D.
Luc G.T. Morris, M.D., M.Sc.
Snehal G. Patel, M.D.
Benjamin R. Roman, M.D., M.S.H.P.
Jatin P. Shah, M.D., Ph.D.
Ashok R. Shaha, M.D.
Bhuvanesh Singh, M.D., Ph.D.
Brian R. Untch, MD
Richard J. Wong, M.D.

Multidisciplinary faculty involved with the training program:

Ronald Ghossein (Pathology)
David G. Pfister (Medical Oncology)
Nancy Lee (Radiation Oncology)
Hilda Stambuk (Radiology)
Michael Tuttle (Endocrinology)

Total Number of Positions Available per Year:

2

Duration

1-3

PROGRAM DESCRIPTION**Overview:**

For over a century, the Head and Neck Service at Memorial Sloan-Kettering Cancer Center has provided leadership and innovation in the field of head and neck surgery and oncology. Memorial Hospital is the cradle of modern head and neck surgery with legends in the field such as Hayes Martin, Elliot Strong and Jatin Shah. Today, the service continues this proud tradition with dedication to patient care, research, and education. As one of the largest referral centers in the world, Memorial Hospital receives patients from the greater New York area, the United States, and from all corners of the globe. The Head and Neck Service cares for more than 3,000 new patients, performs approximately 1,900 surgical procedures, and manages more than over 15,000 outpatients visits each year. The faculty members are world leaders in head and neck surgery, and hold academic appointments at Weill Cornell Medical College.

Eligibility:

The Head and Neck Service of the Department of Surgery at Memorial Sloan-Kettering Cancer Center offers a one year, two year and a 3 year senior fellowship in head and neck oncologic surgery to Otolaryngologists, General Surgeons, or Plastic Surgeons who have completed their residency training and attained qualification to sit for the examination of the American Board of Otolaryngology, Surgery, or Plastic Surgery. The fellowship program is designed to offer a comprehensive training program in clinical head and neck surgery and oncology and basic research to prepare the individual for an academic career. Three new fellows are appointed each year. Trainee salary, subsidized housing, and health insurance are provided.

Past Fellows:

Richard A. Lopchinsky 1979 1980 General Surgery, Phoenix, AZ
Gaetano DeRose 1980 1981 General Surgery, London Health Sciences, London, ON, Canada
Ashok R. Shaha 1981 1982 Attending Surgeon, Head and Neck Service, MSKCC, New York, NY
Walter King 1982 1983 Director, Plastic and Reconstructive Surgery, Sanatorium Hospital, Hong Kong
Larry Sheman 1983 1984 ENT, Private Practice, New York, NY
Barry Wenig 1984 1985 Director of the head and Neck Surgery Center, University of Illinois, Chicago, IL
Robert T. Parrish 1985 1986 ENT, Midwest ENT Associates, Peoria, IL
Soo Khee Chee 1986 1988 Director of the National Cancer Center of Singapore
Jeffrey Spiro 1987 1988 ENT, University of Connecticut, Farmington CT
Thomas R. Loree 1988 1989 Otolaryngology/Surgery, Sisters of Charity Hospital, Buffalo, NY
Sanford Dubner 1989 1990 Head and Neck Surgery, North Shore LIJ, New Hyde Park, NY
Dennis Kraus 1990 1991 Director of the New York Head and Neck Institute, North Shore LIJ, New York, NY
Mark DeLacure 1991 1992 Associate Professor, Otolaryngology, NYU Langone Medical Center, New York, NY
Bruce Davidson 1992 1994 Professor and Chair, Otolaryngology, Georgetown University, Washington D.C.
Christopher Hughes 1993 1994 Consultant Head and Neck Surgeon, St. Vincent's Hospital, Sydney, Australia
Peter Andersen 1993 1995 Otolaryngology, OHSU, Portland, OR
William Lydiatt 1993 1995 Director, Head & Neck Surgery, Vice Chair, Otolaryngology, Univ of Nebraska
Daniel Kelley 1994 1996 ENT Private Practice, Salisbury, MD
Gary Morgan 1995 1996 Clinical Associate Professor, University of Sydney, Australia
Paul Friedlander 1996 1997 Associate professor and Chair of Otolaryngology, Tulane University, New Orleans
Sal Caruana 1995 1997 Otolaryngology, New York Presbyterian, Columbia and Cornell, New York, NY
Dennis Teck-Hock Lim 1996 1998 Head and Neck Surgeon, Private Practice, Mt. Elizabeth Hospital, Singapore
Anthony Tufaro 1997 1998 Vice Chair of Plastic Surgery, Johns Hopkins Medical Center, Baltimore, MD
Jay O. Boyle 1996 1998 Associate Attending Surgeon, Head and Neck Service, MSKCC, New York, NY
John Carew 1997 1999 Otolaryngology Head and Neck Surgery, Private Practice, New York, NY
Bhuvanesh Singh 1997 1999 Attending Surgeon, Head and Neck Service, MSKCC, New York, NY
Paul Kedeshian 1998 2000 Head and Neck Surgeon, Ronald Reagan UCLA Medical Center, Santa Monica, CA

Snehal G. Patel 1998 2000 Associate Attending Surgeon, Head and Neck Service, MSKCC, New York, NY
 Joseph Califano 1999 2000 Professor of Otolaryngology, Johns Hopkins Medical Center, Baltimore, MD
 Richard J. Wong 1999 2001 Chief, Head and Neck Service, MSKCC, New York, NY
 Brandon G. Bentz 2000 2003 Otolaryngology, Salt Lake City, UT
 Maria Evasovich 2001 2002 Surgical Oncologist, University of Minnesota Medical Center, Minneapolis MN
 Erik Cohen 2002 2003 Director of Head and Neck Surgery, Morristown Medical Center, Morristown, NJ
 David Kutler 2001 2004 Associate Attending, New York Presbyterian, Cornell University, New York, NY
 Ellie Maghami 2002 2004 Chief, Head and Neck Surgery, City of Hope, Duarte, CA
 Kepal Patel 2003 2004 Chief, Division of Endocrine Surgery, NYU Langone Medical Center, New York, NY
 Ian Ganly 2003 2005 Associate Attending Surgeon, Head and Neck Service, MSKCC, New York, NY
 Neil Gross 2002 2005 Head and Neck Surgeon, MD Anderson Cancer Center, Houston, TX
 Susan McCammon 2003 2005 Associate Professor of Otolaryngology, U of Texas Medical Branch, League City, TX
 Jennifer Bocker 2005 2007 Head and Neck Surgery Private Practice, Golden, CO
 Jerry Castro 2007 2009 ENT, Guam Memorial Hospital, Tamuning, GU
 Silvio Ghirardo 2008 2009 Attending Surgeon, Mercy Medical Center, Cedar Rapids, IA
 Vincent Reid 2007 2009 Attending Surgeon, Mercy Medical Center, Cedar Rapids, IA
 Vishal Choksi 2006 2008 Chief of Head and Neck Surgery, Apollo Hospitals, Ahmedabad, India
 Ziv Gil 2006 2008 Chairman, Otolaryngology, Rambam Medical Center, Haifa, Israel
 Patrick Sheahan 2007 2008 Consultant Otolaryngologist, South Infirmary Victoria Univ Hospital, Cork, Ireland
 Benjamin Judson 2007 2009 Assistant Professor of Otolaryngology, Yale School of Medicine, New Haven, CT
 Daniel Price 2007 2010 Assistant Professor of Otolaryngology, Mayo Clinic, Rochester, MN
 Ben Saltman 2007 2009 Assistant Professor of Otolaryngology, North Shore LIJ, New Hyde Park, NY
 Nishant Agrawal 2008 2009 Associate Professor of Otolaryngology, Johns Hopkins Medical Center, Baltimore
 Hin Ngan Tay 2008 2009 Otolaryngologist/Head and Neck Surgeon, Mt. Elizabeth Hospital, Singapore
 Babak Givi 2008 2010 Assistant Professor of Otolaryngology, NYU Langone Medical Center, New York, NY
 Jeffrey Liu 2008 2010 Assistant Professor of Otolaryngology, Temple University, Philadelphia, PA
 Arnbjorn Toset 2009 2010 General Surgery, Private Practice, Long Island, NY
 Iain Nixon 2011 2012 Consultant ENT Surgeon, William Harvey Hospital, Kent, UK
 Gopal Iyer 2009 2010 Consultant Head and Neck Surgeon, Singapore General Hospital, Singapore
 Arash Mohebati 2010 2011 General Surgery, John Muir Health, Walnut Creek, CA
 Luc Morris 2009 2011 Assistant Attending Surgeon, Head and Neck Service, MSKCC, New York, NY
 Rahamtullah Rahmati 2010 2011 Assistant Professor, New York Presbyterian, Columbia University, New York, NY
 James Paul O'Neill 2010 2011 ENT, St. James and The Royal Victoria Eye and Ear Hospital, Dublin, Ireland
 Volkert Wreesmann 2011 2013 Head and Neck Surgeon, Netherlands Cancer Institute, Amsterdam, The Netherlands
 Natalya Chernichenko 2010 2012 Chief of Head and Neck Surgery, SUNY Downstate Medical Center, Brooklyn, NY
 Allen Ho 2011 2014 Attending Head and Neck Surgeon, Cedars-Sinai Medical Center, Los Angeles, CA
 Andrew G. Shuman 2011 2013 Assistant Professor of Otolaryngology, University of Michigan, Ann Arbor, MI
 Mina Le 2012 2014 Otolaryngology, West Palm Beach VA Medical Center, Riviera Beach, FL
 William McNamara 2012 2014 General Surgery, Medical City Hospital, Dallas, TX
 Benjamin R. Roman 2012 2015 Assistant Attending Surgeon, Head and Neck Service, MSKCC, New York, NY
 Yamil Castillo-Beauchamp 2013 2014 General Surgery, San Juan, Puerto Rico
 Pablo Montero Miranda 2013 2015 General Surgery, University Hospital, Santiago, Chile
 Andres Lopez-Albaitero 2012 2015 ENT, Private Practice, New York, NY
 Laura M. Dooley 2013 2015 Asst Prof of Otolaryngology, Univ of Missouri School of Medicine, Columbia, MO
 Magis Mandapathil 2014 2016 Asst Prof. University of Marburg, Marburg, Germany
 Paul Lennon 2015 2016 Otolaryngology, St. James Hospital, Dublin, Ireland
 Gregory Beddell 2015 2016 Staff Surgeon, Western Reserve Hospital, Stow, OH

Moffitt Cancer Center

Program Director Name:

J. Trad Wadsworth MD MBA FACS

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<https://moffitt.org/careers-education/education/undergraduate-and-graduate-medical-education/head-neck-surgical-oncology/>

Department Chair:

Christine Chung MD

Faculty Involved with the Fellowship:

Surgical Faculty involved with the fellowship:

- Thomas V. McCaffrey, MD, PhD
- Caitlin McMullen, MD
- Tapan A. Padhya, MD
- Kristen Otto, MD
- J. Trad Wadsworth, MD MBA FACS

Non-surgical Faculty involved with the fellowship:

- Christine Chung, MD (medical oncology)
- Julie Kish, MD (medical oncology)
- Janaki Parameswaran, MD (medical oncology)
- Louis Harrison, MD (radiation oncology)
- Andy Trotti, MD (radiation oncology)
- Jimmy Caudell, MD (radiation oncology)
- John Arrington, MD (neuroradiology)
- Juan Hernandez-Prera, MD (anatomic pathology)
- Bruce Wenig, MD (anatomic pathology)

Total Number of Positions Available per Year:

1

Duration

1

Position Type

80% academic duties, 20% clinical duties

PROGRAM DESCRIPTION

Overview:

The Department of Head and Neck - Endocrine Oncology fellowship allows for highly technical surgical training combined with medical and clinical management, multidisciplinary team approach, ultrasound training and clinical/translational research. The program includes three microvascular reconstruction trained surgeons as well as two surgeons specializing in endocrine surgery and a burgeoning volume of TORS cases. The Head and Neck Multidisciplinary Tumor Board is a robust, collaborative program that includes surgeons, medical oncologists, radiation oncologists, pathologists, speech pathologists, nurses, social workers, nutritionists, and neuroradiologists. The HN Tumor Conference meets weekly to discuss head and neck patients, presenting usually 20-30 patients per week. The Endocrine Tumor conference meets weekly as well presenting usually 10-15 patients per week.

Objectives:

The program is designed to give the participant comprehensive expertise in head and neck oncologic surgery, head and neck microvascular reconstruction, endocrine surgery and TORS. We emphasize educating our trainees on the collaborative approach to patient care. Clinical, translational and basic science research opportunities are available.

Strengths:

Recently recognized by US News and World Report as the #6 cancer center in the United States, the Moffitt Cancer Center in Tampa, Florida is a nationally recognized, state of the art, full service cancer hospital that is the largest cancer center in the Southeast, and the only NCI-designated comprehensive cancer center in the state of Florida. The Head and Neck program at Moffitt sees approximately 1,300 new patients performs over 3,500 procedures and sees over 5,000 outpatient follow-up visits per year. The Department of Head and Neck - Endocrine Oncology is unique in that it incorporates multiple disciplines (Medical Oncology, Endocrinology, Head & Neck/Endocrine Surgery) within its structure to foster multidisciplinary treatment of patients as well as interdisciplinary collaboration. This team-oriented approach affords our trainees experience with the comprehensive management of patients with diseases including benign salivary gland neoplasms, parathyroid

disease, thyroid nodules, thyroid malignancies and head and neck malignancies as well as complex microvascular reconstruction.

Eligibility:

To be considered for the position, the candidate for the head and neck fellowship must have completed an ACGME accredited residency in Otolaryngology or General Surgery and must be qualified to sit for the American Board of Otolaryngology or American Board of Surgery written and oral exams. The candidate must be able to secure a Florida Medical License. Salary is commensurate with PGY level.

Duties and Responsibilities of Fellows:

The Fellow is expected to be a Primary or Teaching surgeon in head and neck surgery ablative cases and microvascular reconstruction cases. It is estimated that the Fellow will be primary surgeon or teaching surgeon on at least 500 total cases and at least 50 microvascular cases. The Fellow will care for the patients postoperatively with the H&N Team and be expected to discuss management with the Attending Physician in order to maximize educational opportunities. In addition, the Fellow will be in the Call Pool in the Department, backing up the first call resident team. The Fellow will have the opportunity for an independent outpatient clinical and surgical experience. There are opportunities for autonomous free flap cases commensurate with experience and skill. Teaching opportunities include staffing head and neck surgery cases, resident lectures, journal clubs, lecture presentations and mentoring medical students from the University of South Florida College of Medicine. The Fellow is expected to produce at least one abstract for a national meeting and/or a manuscript during the year, but ample opportunity for more research is provided.

Research Opportunities:

The fellow will be encouraged to participate in the Head and Neck - Endocrine Oncology Research Committee for the development of collaborative projects within the department. The fellow will be expected to become involved in one or more of the ongoing research protocols active within the department, and to present at one or more regional or national meetings. In addition, the fellow will be expected to publish at least one research manuscript during the one-year program. The fellow will be encouraged and supported to pursue additional projects as well.

Supervision, Teaching and Call:

Fellows are expected to be involved with resident teaching and supervision throughout the fellowship, including operative teaching, overseeing clinical assessments, and participation in the resident didactic lecture series. Fellows are also expected to teach and mentor rotating medical students. Fellows are expected to be available for home call (serving as back-up to the first on-call resident) approximately two weeks/month.

Nebraska Methodist Hospital

Program Director Name:

Robert Lindau MD

Program Director Institutional Title:

Program Director

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Program Coordinator:

Liz Van Winkle

Program Coordinator Email:

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Address:

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Faculty Involved with the Fellowship:

Andrew Coughlin, M.D.
Randall Duckert, M.D.
Whitney Goldner, M.D.
Tien-Shew Huang M.D.
Robert H. Lindau, M.D.
Chandy Lockman Hoke, RD
Daniel D. Lydiatt, M.D.
William M. Lydiatt, M.D.
Jeffrey Markt, DDS
Oleg N. Militsakh, M.D.
Alireza Mirmiran, M.D.
Aru Panwar, M.D.
Russell B. Smith, M.D.
Yungpo (Bernie) Su, M.D.
Elizabeth Van Winkle, M.D., CCC-SLP

Total Number of Positions Available per Year:

1

Duration

1 year

PROGRAM DESCRIPTION**Overview:**

Midwest Head and Neck Surgical Oncology consists of 7 faculty members that are leaders in head and neck cancer, coming from diverse backgrounds. The group is involved in patient care through the Estabrook Cancer Center at Nebraska Methodist Hospital. The group's referral area includes not only Nebraska, but also Iowa, Kansas, Missouri, North Dakota and South Dakota. The Division cares for approximately 1,250 new cancer patients per year and surgically treats approximately 650 cancer patients per year. In addition to head and neck cancer, the program is a high volume head and neck endocrine surgery.

Objectives:

The fellowship is designed to offer a comprehensive clinical experience in multidisciplinary care of head and neck cancer patients and to develop surgical expertise in ablative and reconstructive procedures. The fellow works closely with the entire faculty and plays an important role in treatment planning. The fellow will be responsible for the daily activities of the service and supervises residents and medical students to ensure excellent patient care and a quality educational experience. The fellow will have a progressive operative experience commensurate with their ability and be prepared for a future career in academic medicine. Salary and health insurance will be provided.

Strengths:

The program will allow the fellow to experience a multidisciplinary approach to all areas of head and neck oncology including significant exposure to endocrine surgery, skull base surgery, transoral robotic and laser surgery, and microvascular reconstruction. The fellow will have the opportunity to develop expertise in head and neck ultrasounds as part of the program.

The program offers the fellow the unique opportunity to provide multidisciplinary care in a high volume private cancer center.

Eligibility:

The Head and Neck Surgical Oncology and Advanced Head and Neck Reconstruction fellowship is offered to Otolaryngologists, General Surgeons, and Plastic Surgeons that have completed their residency training program and who are eligible for or have obtained board certification.

Duties and Responsibilities of Fellows:

The fellow's experience will consist of a 12-month clinical experience in the multidisciplinary care of head and neck cancer patients. The fellow will spend appropriate time in the outpatient clinic as well as in the operating room with each faculty developing expertise in head and neck surgical oncology and reconstruction. The fellow will play a critical role in the perioperative care of patients, including the multidisciplinary tumor boards, with the goal that the fellow has the opportunity to see a multitude of patients through the entire process. It is expected that the fellow will perform approximately 300-350 operations during the fellowship. Additionally, the fellow will have time dedicated to the collaborating specialties of the multidisciplinary team including radiation oncology, medical oncology, prosthetics, endocrinology, speech and language pathology, and nutrition. The fellow will participate in a structured didactic curriculum, a reading program, and a variety of educational symposiums. The fellow will attend a national head and neck oncology conference during the year. It will be required that the fellow complete one clinical research project during the year. Both Thyroid Nodule and Cancer as well as Head and Neck Cancer registries are available to support research projects. The fellow will be responsible to the Head and Neck service and not be involved in the clinical activities of the other Otolaryngology services. The fellow will have call

responsibilities for the Head and Neck service, but will not participate in the faculty call schedule.

The Ohio State University

Program Director Name:

Amit Agrawal MD

Program Director Institutional Title:

Associate Professor

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Program Coordinator:

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Faculty Involved with the Fellowship:

Amit Agrawal, MD
Loni Arrese, PhD
Aashish Bhatt, MD
Dukagjin Blakaj, MD
Marcelo Bonomi, MD
Ricardo Carrau, MD
John Grecula, MD
Stephen Kang, MD
Peter Kneuertz, MD
Pawan Kumar, PhD

James C. Lang, PhD
Susan R. Mallery, DDS, PhD
John M. McGregor, MD
Robert Merritt, MD
Susan Moffatt-Bruce, MD
Matthew Old, MD
Enver Ozer, MD
Quintin Pan, PhD
Daniel Prevedello, MD
James Rocco, MD, PhD
Robert Rupert, MD
Jean Starr, MD
Patrick Vaccaro, MD
Christopher M. Weghorst, PhD
Jessica Wobb, MD

Total Number of Positions Available per Year:

1

Duration

1-2 years

PROGRAM DESCRIPTION

Duties and Responsibilities of Fellows:

The fellow works closely with the interdisciplinary teaching faculty. The fellow's primary relationship is with Drs. James Rocco, Amit Agrawal, Matthew Old, Enver Ozer, Stephen Kang, Ricardo Carrau. The overall majority of operative and clinical patient interactions for the fellow for head and neck oncology patients (clinic and operating room) are done in conjunction with Drs. Rocco, Agrawal, Old, Ozer, Kang, Carrau, and other teaching faculty. The AHNS fellow participates in the OR engaged in all aspects of head and neck ablative surgical cases (open, transoral laser/robotic, open skull base) as well as the full spectrum of surgical reconstruction including locoregional flaps as well as microvascular free tissue transfer (approximately 175-200 microvascular cases/year). Microvascular reconstructive surgery is performed by four faculty within the Department of Otolaryngology-Head and Neck Surgery (Old, Agrawal, Ozer, Kang). During procedures where free flaps are utilized, the AHNS fellow often works primarily on the reconstructive team serving as operating surgeon with faculty supervision. During these cases, the ablative resection and free flap harvesting typically occur concurrently utilizing a "twoteam" surgical approach for the large majority of surgical cases requiring free tissue transfer. For the large majority of cases, the fellow acts as operating surgeon with direct teaching faculty supervision as well as in a supervisory faculty role for surgery in which residents are involved commensurate with experience as well as assistant to the other teaching faculty.

As credentialed clinical faculty, the AHNS fellow may operate as well as see patients in the Head and Neck Oncology Clinic or other ambulatory clinics independent of teaching faculty, however the fellow is not assigned or responsible for an independent clinic and does not have independent OR block time assigned. The overwhelming majority of clinical activity carried out by the fellow occurs in concert with teaching faculty supervision both in the outpatient as well as OR setting. The Head and Neck Oncology Fellow participates in no general otolaryngology clinics, trauma clinics, and is not involved with on-call faculty responsibility. It is, however, expected that the fellow will be involved in all emergencies involving the head and neck cancer patient population.

Research Opportunities:

It has always been the policy of the Division leadership and fellowship director to give the head and neck fellows the opportunity to select particular area(s) of research within the Head and Neck Oncology program that holds the

greatest interest for them rather than assigning them to particular projects. All of the head and neck fellows are provided with the opportunity to become involved with ongoing clinical and/or laboratory research. Fellows meet with clinical and basic investigators whose primary focus of research relates to head and neck oncology at the outset of fellowship not only to explore and identify avenues for research endeavors, but also to establish mentorship. The fellows also participate in the writing of clinical protocols as well as the registration of patients to local/national protocols and their subsequent continued follow-up. Fellows are also provided with the opportunity to travel to national cooperative group meetings as a means of becoming more familiar with workings of a large national cancer cooperative group. The fellowship time for research can be expanded depending on his/her needs. As the majority of current fellows elect to spend one year at our institution, a dedicated laboratory block/rotation is not assigned at the outset. Nonetheless, the fellow is provided with one day/week of protected time for pursuit of academic research which includes the opportunity to engage in both clinical and/or laboratory research (see block schedule) . Although it is anticipated that the head and neck fellow will spend a significant proportion of their time engaged in clinical activity, the schedule can be further modified and adapted accordingly depending upon the individual needs of the head and neck fellow to meet the research needs of the fellow.

Supervision, Teaching and Call:

The fellow assists faculty with resident and medical student surgical teaching and with patient care in the Head and Neck Oncology Clinic, rounds, and in the operating room. In the operating room, the fellow acts as supervising surgeon for residents for standard head and neck oncologic procedures (i.e. endoscopy, airway management, tumor resection/neck dissection, regional flap reconstruction, etc). As clinical attending faculty, the head and neck fellow also may serve as primary staff for the surgical care and/or coordination or multidisciplinary care of patients referred to The Ohio State University from the Ohio Correctional System requiring head and neck oncologic care as well as for cases which derive and are staffed by the fellow arising from inpatient consultation at the Ohio State University Wexner Medical Center and James Cancer Hospital. The head and neck fellow also serves as course director and coordinator for the 3rd/4th year medical student elective DOC-3 curriculum course entitled "Contemporary Care of the Cancer Patient." This is a 4 week course designed to provide an overview of the multidisciplinary care of the cancer patient. In addition to these teaching responsibilities, the fellow is asked to give lectures throughout the medical center to other faculty or staff as well as participates as a lecturer during the annual Head and Neck Oncology Course for residents and medical students.

Past Fellows:

Amit Agrawal, M.D., Assistant Professor, The Ohio State University
Carl M. Bier-Laning, M.D., Assistant Professor, Loyola University
Jeffrey R. Haller, M.D., Private practice
James P. Malone, M.D., Assistant Professor, University of Southern Illinois-Springfield
Ernest C. Manders, M.D., Assistant Professor, University of Cincinnati
Rodney E. Mountain, M.B., Ch.B, Consultant ENT Surgeon, University of Dundee Scotland
Roy E. Nicholson, M.B., Ch.B., Royal Melbourne Hospital Australia
Enver Ozer, M.D., Professor, The Ohio State University
Pramod K. Sharma, M.D., Private practice
Norbert Viallet, M.D., Faculty, University of Manitoba, Canada
Keith M. Wilson, M.D., Associate Professor, University of Cincinnati
Matthew Miller, M.D., Associate Professor, University of Rochester
Hassan Arshaud, M.D., Assistant Professor, University of Buffalo
Kiran Kakarala, M.D., Assistant Professor, University of Kansas
Peter Dziegelewski, M.D., Assistant Professor, University of Florida
Jon Chan, M.D., Assistant Professor, Virginia Commonwealth University
Stephen Kang, M.D., Assistant Professor, The Ohio State University
James Bekeny, M.D., Florida Hospital Cancer Institute, Orlando, FL
Antoine Eskander, M.D., Assistant Professor, University of Toronto

Oregon Health and Science University

Program Director Name:

Peter Andersen MD

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Program Director

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Program Co-Director Name:

Ryan J Li MD

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Program Coordinator:

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Department Chair:

Paul Flint MD

Faculty Involved with the Fellowship:

Peter Andersen, MD *Division Chief
Daniel Clayburgh, MD, PhD
Ryan Li, MD *ablative and microvascular surgery
Maisie Shindo, MD
Mark Wax, MD *microvascular surgery
Joshua Schindler, MD
James Cohen, MD, PhD
Paul Flint, MD
John Holland, MD
Samuel Wang, MD PhD
Justin Cetas, MD PhD
Khaled Tolba, MD
Matthew Taylor, MD

Total Number of Positions Available per Year:

1

Duration

1 year

Position Type

1 yr Clinical

PROGRAM DESCRIPTION**Overview:**

The fellow will be a key member of the head and neck service, with both extensive training in advanced head and neck surgical oncology, and opportunities to develop clinical independence. Our service is a cohesive multidisciplinary team comprised of our core faculty, a world-class speech and language pathology program, an inpatient physician assistant, three otolaryngology-head and neck surgery residents on rotation, and our colleagues from neuroradiology, pathology, radiation oncology, and medical oncology. The fellow has full attending privileges, and obtains a rich experience learning to be an educator, while intensively refining surgical technique and decision-making.

Our fellowship offers a broad experience in all aspects of head and neck surgery with over 800 new patients seen per year. The fellow will develop expertise within: complex thyroid and parathyroid diseases, with certification in neck ultrasonography; endoscopic and open skull base surgery; transoral robotic surgery, with certification and robotics credentialing obtained; surgery for benign and malignant upper aerodigestive tract and salivary gland neoplasms; and microvascular reconstruction of head and neck wounds.

The fellow will lead our multidisciplinary head and neck conferences and take an attending role on inpatient rounds. A weekly journal club between fellow and faculty develops literacy in seminal head and neck research.

Objectives:

The program is designed to provide advanced clinical training in head and neck surgical oncology and reconstruction, and thyroid and parathyroid surgery. The program offers rich research opportunities and support for candidates pursuing an academic career.

We are dedicated to developing the fellow's vision for his or her academic and clinical practice before, during, and after completion of our fellowship.

Strengths:

Our program has a proud commitment to provide empathic, technically excellent, and comprehensive care to our patients, recognizing our responsibility to deliver the highest standard of care currently available. We are proud to work alongside our fellow each year, providing mentorship from experienced faculty, and introducing them to a rich network of colleagues worldwide.

Eligibility:

AHNS Advanced Training Council fellowships are available to all candidates who have completed, or are anticipated to complete ACGME accredited Otolaryngology, General Surgery or Plastic Surgery residency programs, and are currently board eligible in these specialties.

Duties and Responsibilities of Fellows:

The fellow is committed to training for one year at the Oregon Health and Science University, and is involved in all aspects of head and neck patient care. The fellow will be appointed to the rank of Clinical Instructor. He or she will participate in evaluation and treatment planning, surgical management, and tumor surveillance of our cancer patients. The fellow enriches the resident experience via didactics and surgical supervision. The fellow also has a weekly independent head and neck surgery clinic for one half-day, running parallel to a faculty clinic. This provides autonomy with expert guidance immediately available.

Research Opportunities:

Research is an important component in the fellow's education. The fellow will publish two manuscripts during the year, with the guidance of the head and neck faculty. Faculty will provide access to technical research training, institutional and nationwide clinical databases, and collaborative opportunities with scientists at OHSU and other institutions.

Attendance and presentations at national meetings is strongly encouraged and facilitated, with funding available.

Supervision, Teaching and Call:

The fellow will supervise the head and neck surgery residents, functioning as an attending, rather than a chief resident. The fellow will provide didactic sessions to residents several times during the year, present a grand rounds, and directly supervise residents in level-appropriate surgical procedures.

The fellow is not included within the faculty call rotation, and only takes call for the head and neck service once every sixth weekend.

Past Fellows:

Previous and Current ATC Fellows:

2013-2014 Daniel S. Brickman, MD - Charlotte Eye Ear Nose & Throat Associates, P.A.

2014-2015 Scott Troob, MD - Columbia University Medical Center

2015-2016 Virginie Achim, MD - Completed additional microvascular training, current faculty position pending.

Pennsylvania State University - Endocrine Fellowship

PLEASE NOTE: This program is currently seeking to transition to a Head & Neck Fellowship for 2019. For more information on this transition status please contact JJ Jackman at jj@ahns.info

Program Director Name:

David Goldenberg MD FACS

Program Director Institutional Title:

Program Director

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Program Co-Director Name:

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Co Program Director

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Joy Burchill

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Department Chair:

David Goldenberg MD

Faculty Involved with the Fellowship:

David Goldenberg, MD FACS Head & Neck Surgery
Brain Saunders, MD, FACS Endocrine Surgery
Neerav Goyal, MD MPH Head & Neck Surgery
Genevieve Andrews, MD FACS Head & Neck Surgery
Jessyka Lighthall, MD Facial Plastics & Microvascular
Diane Hershock, MD Hematology Oncology
Salah Almokadem, MD Hematology Oncology
Heath Mackley, MD Radiation Oncology
Josh Warrick, MD Pathology
Henry Crist, MD Pathology
Thomas Zacharia, MD Radiology
Bradly Zacharia, Neurosurgery
Susan Lynch, PhD Speech Pathology
James Broach, PhD Research

Total Number of Positions Available per Year:

1

Duration

1

Position Type

1 yr Clinical

PROGRAM DESCRIPTION**Overview:**

The Penn State Head and Neck Fellowship program provides advanced clinical training in head and neck oncology, transoral robotic surgery, microvascular free flap and pedicled reconstruction and advanced skull base surgery. The Penn State Head and Neck Surgery Fellow will have exposure to a very large volume head and neck endocrine practice and will benefit from teaching using the best principles and methods from both otolaryngology and endocrine surgery. The unique strength of the cutting edge and high volume head and neck surgery program at Penn State is the true collaborative nature of surgical services (Otolaryngology, endocrine surgery, neurosurgery etc..) which creates an atmosphere for teaching and providing excellent patient care. This combination will allow the development of future academic leaders in head and neck surgery.

Objectives:

The fellow will oversee the care of all head and neck cancer, thyroid and parathyroid patients being treated at the Penn State Hershey Medical center. The fellow will act as a junior attending surgeon and will assist with the teaching of residents in ablative head and neck surgical and head and neck endocrine procedures. He/she will receive training in trans oral robotic surgery (using the Flex and da Vinci platforms) and may participate in free flap and pedicled reconstruction as well as skull base surgery. The fellow is expected to participate in head and neck tumor board, thyroid cancer tumor board, outpatient clinic, resident teaching rounds, and specialty tumor board conferences.

Strengths:

The Division of Otolaryngology Head and Neck Surgery at the Penn State serves as the primary referral center and sole academic center for advanced head and neck cancer care in central Pennsylvania . The high clinical volume provides the fellow with extensive experience in the management of these patients. Unique aspects include: 1. Vast breadth of pathology, including very high volume endocrine surgery cases, in addition to multidisciplinary head and neck oncology cases in a premiere academic medical center. 2. Advanced TORS training and experience using the new Flex robotic system . 3. Collegial atmosphere and faculty committed to training future leaders in academic medicine.

Eligibility:

A candidate must be Board Certified or Board Eligible in Otolaryngology, General surgery or Plastic surgery. A Pennsylvania state medical license is required before the start of fellowship. All interested US and Canadian fellowship applicants are required to be registered with the Match Program of the Advanced Training Council for Approval of Training in Head and Neck Oncology Surgery (sponsored by The American Head and Neck Society). Those applicants who are not eligible for the Match Program are required to undergo the same application process by filling out the AHNS application with references and sending them directly to the Head and Neck Institute (c/o Dr. Goldenberg).

Duties and Responsibilities of Fellows:

The fellow will act as a junior attending surgeon and will assist with the teaching of residents in ablative head and neck surgical and head and neck endocrine procedures

Research Opportunities:

Research Opportunities: All fellows are expected to participate in mentored clinical research projects; fellows will be expected to present and publish throughout the year. Translational and basic science research opportunities are available for those who are interested.

Supervision, Teaching and Call:

The fellow will serve as an instructor and teaching surgeon for the residents for basic head and neck and endocrine cases. The fellow will be expected to round and provide oversight for care of hospitalized patients on the head and neck service along with the chief resident on a daily basis. The fellow will see patients independently two half days a week. The fellow will take attending call.

Past Fellows:

Elizabeth Cottrill, MD- Jefferson University Physician

Roswell Park Cancer Institute

Program Director Name:

Hassan Arshad MD, FACS

Program Director Institutional Title:

Program Director

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Program Coordinator:

Melissa Szewc

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Department Chair:

Wesley L Hicks, Jr. MD FACS

Faculty Involved with the Fellowship:

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Vishal Gupta, M.D.
Wesley L. Hicks, Jr., M.D., F.A.C.S.
M. Abraham Kuriakose, M.D.
Robert Lohman, M.D.
Wong Moon, M.D.
Can Ozturk, M.D.

Cemile Nurdan Ozturk, M.D.
Paul I. Tomljanovich, M.D.
Kimberly E. Wooten, M.D.
Hannah Fraser, P.A. - C
Janice Proy, F.N.P. - B.C.
Jeffrey Reynolds, P.A. - C
Jennifer Reynolds, A.G.N.P.
James M. Smaldino, M.D., C.C.C./S.L.P.
Amy Sumbrum, M.A., C.C.C./S.L.P.
Lindsay Wachowiak, M.A., C.C.C./S.L.P.

Total Number of Positions Available per Year:

2

Duration

1 or 2 year

Position Type

1 year clinical; 1 year research

1 year clinical

PROGRAM DESCRIPTION

Overview:

Roswell Park Cancer Institute, founded in 1898, by Dr. Roswell Park, is the oldest cancer center in the United States and has been a National Cancer Institute-designated Comprehensive Cancer Center since 1974. The Institute is a teaching hospital and has an academic affiliation with the State University of New York at Buffalo. The Head and Neck Surgery/Plastic and Reconstructive Surgery Department is committed to the comprehensive care of the head and neck oncology patient. The department works closely with the Departments of Radiation Oncology, Medical Oncology, and Dentistry and Maxillofacial Prosthetics to provide this care. In addition, the department provides comprehensive rehabilitation and speech therapy. The surgical staff members are fellowship-trained Head and Neck Surgeons with backgrounds in Otolaryngology, General Surgery, and Plastic and Reconstructive Surgery. The department offers the complete range of ablative and reconstructive surgery (including major resections, microvascular free flap reconstruction, endoscopic and open skull base surgery, transoral laser and robotic surgery, and photodynamic therapy). In addition to the head and neck fellows, the department provides training to residents in general surgery and otolaryngology.

Eligibility:

The Head and Neck Department offers a one-year clinical and two-year clinical and research fellowship in Head and Neck Surgery and Oncology. Positions will be filled through the American Head and Neck Society Fellowship Match. The fellowship is open to qualified applicants who have completed a residency program in Otolaryngology, Plastic and Reconstructive Surgery, or General Surgery. The fellowship is approved by the Advanced Training Council on Oncologic Surgery of the American Head and Neck Society.

Duties and Responsibilities of Fellows:

For the head and neck fellow, in-depth experience is gained in all aspects of head and neck surgery (major ablative surgeries, skull base surgery, transoral robotic and laser surgeries) and reconstruction (including free flap surgery). The fellow is involved in the assessment, preoperative care, postoperative care, rehabilitation, and long-

term follow-up with patients. Weekly Multidisciplinary Tumor Board Conferences are run by the fellow. The 1-year (clinical) fellow is expected to have one clinical research project for the year. The structure of the two-year curriculum and its specific content are developed by the program director, attending staff and is a combination of clinical and research activities, with a minimum of 12 months of clinical rotation. Research activities include NIH grant-supported basic science research within the department, as well as, clinical research.

Stanford University School of Medicine - Endocrine

Program Director Name:

Lisa A. Orloff MD, FACS, FACE

Program Director Institutional Title:

Director of Endocrine Head and Neck Surgery, Professor of Otolaryngology-Head and Neck Surgery

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Program Coordinator:

Rajinder Johal

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Program Coordinator Phone:

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Address:

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875 Blake Wilbur, CC-2225A
Stanford, CALIFORNIA 94305-6564
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Website:

<https://med.stanford.edu/ohns/healthcare/headneckcenter/programs/endocrine-head-and-neck-surgery/conditions.html>

Department Chair:

Robert K. Jackler MD

Faculty Involved with the Fellowship:

Head and Neck Surgery:

Lisa A. Orloff, MD, FACS, FACE

John B. Sunwoo, MD

Chris Holsinger, MD

Eben Rosenthal, MD

Vasu Divi, MD
Davud Sirjani, MD
Michael Kaplan, MD
Michael E. Friduss, MD
Fidelia Butt MD
Hamad Chaudhary MD

Speech Pathology: Heather Starmer, MA, SLP
Endocrinology: Chrysoula Dosiou, MD, Marina Basina, MD
Medical Oncology: Alexander D. Colevas, MD
Radiation Oncology: Quynh-Thu Li, MD, Steven Hancock, MD
Radiology (Nuclear Medicine): Andrei Iagaru, MD
Radiology (Neuroradiology): Nancy Fischbein, MD
Anesthesiology: Vladimir Nekhendzy, MD
Pathology: Christina Kong, MD, Brittany Holmes, MD
General, Thoracic, Vascular Surgery Faculty

Total Number of Positions Available per Year:

1

Duration

1 year

Position Type

1 year Clinical

PROGRAM DESCRIPTION

Overview:

We are delighted to offer a new endocrine-focused head and neck surgery fellowship (HNES), in addition to and coordination with our established head and neck oncologic surgery fellowship (HNOS) at Stanford. Because of a growing burden of disease, sophistication of treatment, and demand for expertise in endocrine head and neck surgical care, the Endocrine Head and Neck Surgery fellowship will provide advanced training for candidates who wish to provide state of the art, comprehensive management of thyroid and parathyroid disease. The fellowship is centered around training in clinical decision-making, ultrasonography, thyroidectomy/parathyroidectomy, central and lateral neck dissection, revision surgery, and management of invasive malignancy. This framework is complemented by exposure to the spectrum of head and neck surgical oncology and nonsurgical disciplines that provide diagnostic and therapeutic care of, as well as research and teaching in, endocrine and oncologic diseases in the head and neck.

Objectives:

- to provide comprehensive training of endocrine head and neck surgical fellows in the surgical and medical management of thyroid and parathyroid disease.
- to foster a multidisciplinary approach to the care of endocrine diseases of the head and neck through collaboration with specialists in otolaryngology - head and neck surgery, general surgery/endocrine surgery, endocrinology, medical oncology, radiation oncology, radiology/nuclear medicine, pathology, thoracic surgery, and speech-language pathology.
- to cultivate sound decision-making and technical expertise, encourage teaching, and develop a framework of scientific discovery through learning within the environment of a leading multidisciplinary NCI-designated Comprehensive Cancer Center.

Strengths:

- mentorship by renowned specialists who form an expert multidisciplinary team within a world-class university
- unique opportunity to learn office-based ultrasonography and ultrasound-guided procedures from leaders in the field
- high-volume, high-variety endocrine surgical experience that incorporates both tertiary care and community-based practices
- collegial environment with passionate teachers
- tremendous variety of clinical and translational research opportunities and resources
- exposure beyond endocrine surgery to the full spectrum of head and neck surgery, both ablative and reconstructive
- multidisciplinary tumor boards in head and neck, thyroid/parathyroid, skull base, and melanoma

Eligibility:

Completion of training in an accredited residency program, in the United States or Canada, in Otolaryngology-Head and Neck Surgery or General Surgery. Equivalently trained international candidates who have passed the USMLE and hold a certificate from the ECFMG are also given strong consideration. A California state medical license is required before the start of fellowship.

Duties and Responsibilities of Fellows:

Clinical: The fellow will have attending privileges with an appointment as Clinical Instructor in the Department of Otolaryngology - Head and Neck Surgery. The fellow participates in all aspects of the management of patients with thyroid and parathyroid diseases, under faculty supervision and for their own clinic patients. In addition to surgery and outpatient and inpatient care, activities include:

- Extensive training and exposure to head and neck ultrasonography and ultrasound-guided procedures
- Participation in weekly Head and Neck Tumor Board, biweekly Thyroid Tumor Board, and head and neck surgery-related didactic activities in the department
- Structured rotations in Cytology and Pathology, Radiology (ultrasonography and nuclear medicine), Endocrinology, and Medical Oncology

The endocrine (HNES) fellow will have complementary rotations with the head and neck oncologic surgery (HNOS) fellow at Stanford. For a total of 8 weeks, the two fellows will exchange roles relative to ablative surgical cases, while maintaining their routine recurring activities (their own clinics and tumor boards). This will ensure that the HNOS fellow has adequate exposure to endocrine surgery and that the HNES fellow benefits from increased exposure to the breadth of head and neck surgery and the respective faculty at Stanford.

Research: The fellow is expected to take primary responsibility for at least one clinical research project during fellowship, in collaboration with a head and neck surgery faculty mentor, with expected presentation at a national meeting and publication in a peer-reviewed journal. Funds will be available for the fellow to attend the annual meetings of the American Head and Neck Society and the American Thyroid Association, including the Ridgway Trainees' Conference.

Research Opportunities:

The home of six Nobel Prize Laureates in Medicine, Chemistry and Biology, the Stanford University School of Medicine provides an unparalleled opportunity for research. Head and Neck Surgery faculty research includes NIH-funded basic and translational research in cancer stem cell biology and cancer immunology; molecular imaging; national clinical trials including RTOG and ECOG trials; thyroid cancer epidemiology partnering with bioinformatics and population science experts; and constantly evolving and diverse clinical research. The Stanford Thyroid Tumor Program participates in the Thyroid Cancer Care Collaborative, and Stanford Medicine Research IT offers many tools and databases that enable conducting data driven clinical research, including Stanford Translational Research Integrated Database Environment (STRIDE), REDCap (NIH supported), Cohort Discovery Tool, and Stanford Bio-X.

Supervision, Teaching and Call:

The fellow will participate with the faculty in all decisions relative to the prescribed treatment. The fellow's operative responsibility will be assigned commensurate with ability. The fellow is responsible for teaching and assisting residents and medical students during rounds, clinics, lectures and conferences, and in the operating room.

Call is typically a total of 4 one-week call assignments per year, in rotation with attending faculty in the Department of Otolaryngology.

Past Fellows:

Incoming: Julia Noel, MD (2018-2019)

Stanford University School of Medicine

Program Director Name:

Vasu Divi MD, FACS

Program Director Institutional Title:

Assistant Professor, Head & Neck Surgical Oncology & Microvascular Reconstruction

Program Director Email:

vdivi@stanford.edu

Program Coordinator:

Lucy Warren

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Program Coordinator Phone:

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United States

Website:

<http://med.stanford.edu/ohns/education/fellowships.html>

Department Chair:

Robert K. Jackler MD

Faculty Involved with the Fellowship:

Head and Neck Surgery
Vasu Divi, M.D.
Chris Holsinger, M.D.
Michael J. Kaplan, M.D.
Lisa Orloff, M.D.
Eben Rosenthal, M.D.
Davud Sirjani, M.D.
John Sunwoo, M.D.

Microvascular and Reconstructive Surgery

Vasu Divi, M.D.
Eben Rosenthal, M.D.

Radiation Oncology
Quynh Le, M.D.
Wendy Hara, M.D.
Billy W. Loo, Jr., M.D., Ph.D.

Medical Oncology
Dimitri Colevas, M.D.
Harlan A. Pinto, M.D.

Neuroradiology
Nancy Fischbein, M.D.

Dentistry / OMFS
Jack Koumjian, D.D.S., M.S.D.
Sabine Girod, M.D., D.D.S.
Endocrinology
Marina Basina, M.D.
Christy Dossiyou, M.D.

Dermatology / Melanoma
Susan Swetter, M.D.

Neurosurgery / Skull Base
Griffith Harsh, M.D.

Total Number of Positions Available per Year:

1

Duration

1-2 years

PROGRAM DESCRIPTION

Overview:

The fellowship offers the full spectrum of training in head and neck surgery, both ablative and reconstructive. Ablative procedures include major head and neck resections, transoral robotic surgery, open anterior skull base surgery, advanced endocrine surgery, and cutaneous oncology. Reconstructive surgery includes local and regional reconstructive techniques and, based on trainee interest, can also include microvascular reconstruction. Separate tumor boards in head and neck, thyroid/parathyroid, skull base, and melanoma expose trainees to a number of focused multidisciplinary learning environments and mentored experiences in head and neck surgical oncology. Additional experiences include sialoendoscopy, ultrasound training, facial nerve reanimation, and, in conjunction with the Rhinology division, endoscopic skull base surgery. Fellows have the opportunity to train with Drs. Holsinger, Rosenthal, Kaplan, Sunwoo, Orloff, Sirjani, and Divi, each of whom have unique clinical interests and experience. Each fellow will develop a clinical schedule based on their interests with the goal of creating a well-rounding training experience.

Objectives:

The overall objective of the fellowship is to prepare recently trained otolaryngologists, plastic surgeons, or general surgeons for a career in academic head and neck surgery. This is accomplished by providing outstanding clinical training (including both decision-making and technical expertise), encouraging teaching, and developing a

scientific and investigative framework for a future of research.

Eligibility:

Completion of training in an accredited residency program in Otolaryngology-Head and Neck Surgery, General Surgery, or Plastic Surgery. Equivalently trained international candidates are also given strong consideration.

Research Opportunities:

The home of six Nobel Prize Laureates in Medicine, Chemistry and Biology, the Stanford University School of Medicine provides an unparalleled opportunity for research. Dr. Sunwoo directs the research programs in NIH funded basic and translational research, focused on cancer stem cell biology and cancer immunology. Dr. Rosenthal has a basic science lab and multiple clinical trials open for molecular imaging research. Dr. Quynh-Thu Le chairs the national head and neck cancer committee for the Radiation Therapy Oncology Group. Dr. Holsinger leads two national clinical trials RTOG1221 and 920 and works closely on the HPV+ transoral endoscopic H&N surgery trial, ECOG3311. Fellows interested in clinical research will have the opportunity to take the Intensive Course in Clinical Research through The Stanford Center for Clinical and Translational Research and Education. Through a growing partnership with the Department of Health Research and Policy and the Cancer Prevention Institute of California, the division is also home to health services research examining the cost and quality of head and neck cancer care. Leveraging the strengths of the Stanford community, Dr. Sirjani is developing collaborative projects in innovative surgical simulation. Fellows electing to stay for two-years will be supported to obtain an additional degree either at Stanford or one of the surrounding universities.

Thomas Jefferson University

Program Director Name:

David Michael Cognito MD

Program Director Institutional Title:

Associate Professor

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Program Coordinator:

Mary Beier

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United States

Website:

<http://hospitals.jefferson.edu/departments-and-services/otolaryngology-head-and-neck-surgery.html>

Department Chair:

William M Keane MD

Faculty Involved with the Fellowship:

David M. Cognito, MD
Joseph M. Curry, MD
Adam Luginbuhl, MD
Richard A. Goldman, MD
William M. Keane, MD
Elizabeth Cottrill, MD

Adam Luginbuhl, MD
Howard Krein, MD, PhD
Edmund A. Pribitkin, MD
Voichita BarAd, MD
Rita Axelrod, MD
Jennifer Johnson, MD
Ralph Zinner, MD

Total Number of Positions Available per Year:

1

Duration

1 year

Position Type

1 yr Clinical

PROGRAM DESCRIPTION

Overview:

Thomas Jefferson University's Department of Otolaryngology-Head and Neck Surgery is a high volume, highly specialized department with a robust head and neck surgery division. The head and neck team consists of 5 ablative surgeons and 5 surgeons who perform microvascular reconstruction (3 surgeons perform both.) We have strong multidisciplinary ties with our collaborating departments within the Sidney Kimmel Cancer Center and we treat approximately 500 new patients with head and neck cancer per year. The vast majority of these patients initially present to the head and neck surgery team, and surgery is considered an important component of our treatment algorithm.

Objectives:

Our fellow will graduate with comprehensive, specialized training for benign and malignant tumors of the head and neck. Advanced techniques, such as microvascular reconstruction and transoral robotic surgery, will be emphasized including attention to development of perioperative treatment protocols. Multidisciplinary collaboration and clinical trials are underscored as well.

Strengths:

Our department offers a high volume of transoral robotic surgery, microvascular free flap reconstruction, endoscopic skull base surgery and minimally invasive thyroid and parathyroid surgery. Recent fellows have finished with > 60 TORS and > 90 free flaps. We support research as well as travel for AHNS meeting and educational courses. Additionally, we invite our fellow to participate in a surgical mission trip to Haiti. Finally, perhaps our biggest strength is a supportive and collegial departmental culture, which allows an optimal learning environment for our trainees. We value and emphasize mentorship during and after completion of the fellowship.

Eligibility:

To be considered for the position, the candidate for the head and neck fellowship must have completed an ACGME accredited residency in Otolaryngology and must be qualified to sit for the ABOTO written and oral exams. The candidate must be able to secure a Pennsylvania Medical License.

Duties and Responsibilities of Fellows:

Operative:

The operative experience consists of 3-4 days per week. The fellow would be expected to obtain a rounded experience including open ablative upper aerodigestive malignancy, endocrine and salivary gland surgery, as well as endoscopic and robotic experience. The department has robotic block time and performs TORS on a weekly basis. The fellowship also has a microvascular reconstructive component. Such cases are performed on 3 days per week regularly. The fellow will participate in any case they are available and desire to participate.

Office hours:

The fellow is expected to attend office hours for one session weekly with one of the head and neck faculty. This will include full interview and examination of new patients, and participation in their workup and management.

Inpatient responsibility:

The fellow will have Clinical Instructor privileges, which allows the fellow to participate in relevant inpatient consultations. No explicit inpatient duty is assigned to the fellow (i.e. such as rounding at resident level, writing notes etc.) but the fellow is expected to be available to the residents for guidance and they are encouraged to round regularly on patients on whom they have operated.

Research Opportunities:

It is expected that the fellow produce at least one relevant project for presentation at a meeting and publication during the fellowship. Attendance is financially supported to any meeting at which a departmental project is accepted. Assistance through our departmental research coordinator will be available for establishing the necessary IRB or other paperwork prior to the fellow's arrival, should they wish to initiate a new project; however, numerous clinical and translational projects are currently in progress.

Supervision, Teaching and Call:

Supervision:

Our high clinical volume and large residency program facilitate an appropriate balance of fellow autonomy and fellow oversight, which are both important to the optimal development of surgical skills.

Teaching:

In addition to the clinical responsibilities, fellow will be responsible for teaching of residents and medical students and will be provided the title of Clinical Instructor as a member of the faculty of the Department of Otolaryngology-Head and Neck Surgery. The Fellow is expected to participate in teaching of the residents, medical students, as well as the staff. The fellow is to present grand rounds once during the year. Additionally, regular teaching is expected on rounds and in the operating room on a daily basis in an informal format. Formal resident and student teaching responsibility includes providing at least three hours of lecture time during the course of the year during resident education hours, as well as participating in teaching during weekly pre-operative radiology and planning conferences.

Call:

Clinical instructor privileges would allow for the fellow to perform attending level call for approximately six weeks in the 12-month period.

Past Fellows:

All previous fellows are in Academic positions

2014 Richard Goldman, MD - Thomas Jefferson University

2015 Brian Boyce, MD - University of Florida

2016 Jeffrey Hotaling, MD - Wayne State University

2017 John Gleysteen, MD - University of Tennessee Health Science Center

2018 Larissa Sweeney, MD - Fellow in training

University of Alabama- Birmingham

Program Director Name:

William R Carroll MD

Program Director Institutional Title:

Program Director

Program Director Email:

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Program Director Phone:

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Program Coordinator:

Eboni Austin

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Program Coordinator Phone:

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Address:

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United States

Department Chair:

William R. Carroll MD

Faculty Involved with the Fellowship:

James Bonner Radiation Oncology
Erin Buczek Otolaryngology
William R. Carroll Otolaryngology
Benjamin Greene Otolaryngology
Brian Hughley Otolaryngology
Benjamin McGrew Otolaryngology
Lisle Nabell Medical Oncology
Glenn Peters Otolaryngology
Sharon Spencer Radiation Oncology
Brad Woodworth Otolaryngology

Total Number of Positions Available per Year:

1

Duration

1-2 years

Position Type

Clinical

PROGRAM DESCRIPTION**Overview:**

The University of Alabama - Birmingham provides high-volume clinical experience and mentored research opportunities in head and neck oncology. The fellowship includes broad experience in ablative surgery, endocrine surgery, microvascular surgery and endoscopic skull base surgery. The fellowship year is characterized by a balance of mentorship and autonomy. Faculty members provide close supervision early in the year. Later, the fellow will function more as a junior faculty member, leading residents through surgical procedures and determining treatment plans more independently. All fellows participate in clinical research projects. Fellows interested in additional basic research training may complete an additional two-year NIH funded research training program. The faculty of the head and neck program are committed to making this fellowship an exceptional training opportunity.

Objectives:

On completion of this program, the fellow will be fully prepared to assume a faculty position in academic H&N Oncology. The successful fellow will demonstrate outstanding surgical skills, sound judgment in diagnosis and decision -making, excellence as a clinical investigator and as an invested educator.

Strengths:

Clinical volume and diverse pathology
Broad scope of training (H&N ablative, microvascular reconstruction, endocrine, robotics, endoscopic skull-base).
Invested, motivated faculty who are well networked across the country to help in finding the next job.
Translational research opportunities
Vibrant southern city, low cost of living, great food, music and outdoor activities

Eligibility:

per AHNS guidelines

Research Opportunities:

During the year, each Fellow will participate in clinical or basic research. The fellow will choose a topic of investigation and the Research Committee of the Otolaryngology Department will monitor progress. A research mentor will be chosen from the faculty. The fellow will attend monthly research meetings where the committee will review progress and recommend changes as needed. The fellow will present the completed project at the annual "Research Day" held in May each year. Prior to presentation, the project must be written in manuscript form suitable for submission for publication. Each Head and Neck faculty member has active research interests. These include clinical trials, outcomes studies, health services research, population/community based studies and applied laboratory research. UAB has a rich basic science research community with ample opportunity for a broad range of cancer related investigation. During the clinical year, one day each week will be set aside to pursue

research activities. Trainees interested in additional research training will be eligible to participate in a two-year, NIH sponsored T-32 training grant for basic science research.

Supervision, Teaching and Call:

Bi-monthly evaluations will be provided in verbal and written form

Past Fellows:

(Past 4 years)

2017 Erin Partington Buczek Assistant Professor, UAB

2016 Russell Kahmke Assistant Professor, Duke University

2015 Ben Greene Assistant Professor, UAB

2014 Blake Golden US Army, Tripler Medical Center, Hawaii

University of Alberta Hospital

Program Director Name:

Daniel O'Connell MD MSc

Program Director Institutional Title:

Program Director

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Program Coordinator:

Jessica Phair

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Department Chair:

Hadi Seikaly MD MAL

Faculty Involved with the Fellowship:

Daniel A. O'Connell M.D. M.S.c

Hadi Seikaly M.D. M.A.L

Jeffrey R. Harris, M.D. M.H.A.

Vincent Biron, M.D. PhD

Mike Allegretto, M.D.

Neil Chua, M.D.

Naresh Jha, M.D.

Matt Parliament, M.D.

Rufus Scrimger, M.D.

Dave Williams, M.D.

J. Wolfhardt, M.D.
Erin Wright, M.D.

Total Number of Positions Available per Year:

1

Duration

1-2 years

PROGRAM DESCRIPTION

Overview:

The Fundamental Components of the Fellowship are as follows:

1. The fellow will participate in the evaluation, management and care of a minimum of 400 head and neck neoplasm cases (benign or malignant, including endocrine and salivary gland).
2. Participation in a minimum of 300 surgical procedures, representing the full scope of head and neck surgical oncology.
3. Participation in approximately 30-40 transoral robotic surgical (TORS) procedures on oropharyngeal malignancies.
4. Intensive exposure to the interdisciplinary management of head and neck oncologic patients (regular tumor board participation).
5. Participation in the development and implementation of head and neck oncologic research.

Objectives:

The goal of this Fellowship is to provide comprehensive, multidisciplinary training to individuals who are committed to a career in head and neck surgical oncology. The fellowship training will provide a broad exposure to the full range of clinical problems encountered in a tertiary head and neck oncology practice. Upon completion of a one-year fellowship, the surgeon will possess the following characteristics:

1. Expertise in the multidisciplinary management of patients with head and neck cancer
2. Knowledge and skills in skull base surgery.
3. Knowledge and skills in microvascular free flap reconstruction.
4. Board-based knowledge and comprehension of principles of: radiation oncology, medical oncology, maxillofacial prosthetics, oncologic nutrition, head and neck pathology, diagnostic radiology/nuclear medicine and rehabilitation of speech and swallowing.
5. Expertise in conservation and surgical procedures.
6. Judgment and ability to perform complex tumor resections and an understanding of the technical limitations of the procedures.
7. Comprehension of head and neck cancer biology.
8. Appreciation of scientific methodology, study design, clinical trials and data analysis.
9. Ability to practice effectively in an academic, tertiary care setting and to participate in medical education and translational research.

Strengths:

The Advanced Head and Neck Oncology and Microvascular Reconstruction Fellowship at the University of Alberta provides a high volume experience in the treatment of patients. In addition to resections, the fellow can expect to perform a minimum of 100 microvascular reconstructions in their one-year fellowship. The fellow will also be exposed to a wide variety of transoral surgical approaches to oropharyngeal cancers including transoral robotics (TORS). Research opportunities are available and encouraged. Involvement in our prospective functional outcomes lab is expected and will provide an excellent opportunity to learn an appropriate and comprehensive approach to treating patients in a manner to provide optimal function and survival.

Duties and Responsibilities of Fellows:

Completion of an Otolaryngology-Head and Neck Surgery, General Surgery, or General Plastic Surgery residency training program. Documented experience and ability in the management of head and neck cancer patients, through letters of reference and the applicants' personal statement, are required. Successful completion of an interview with the Fellowship Director is also required. Ideally, this will include a one or two week elective at the University of Alberta hospital. This will allow the candidate an opportunity to evaluate the program as well as allowing the faculty an opportunity to evaluate the candidate.

Research Opportunities:

It is expected that all fellows will be involved in clinical research projects and participate in the presentation/publication of the results. It is recommended that fellows in 24-month programs should have dedicated (protected or block) time available for laboratory research.

There is a strong expectation for research productivity from the Head and Neck Oncology Fellow. At the very least, we expect publication of one paper and a presentation at our Canadian Society of Otolaryngology meeting. Our preference is to have multiple publications as well as several presentations over the course of the year. There is dedicated research time for the fellow, giving them a minimum ½ day a week available for academic and research activities.

Past Fellows:

: The Advanced Head and Neck Oncology and Microvascular Reconstruction Fellowship's goal is to train surgeons for academic careers in Head and Neck Oncology. All of our fellows have gone on to careers in academic medicine. Contact information for prior fellows is available through the program director and we encourage candidates to contact our fellows to discuss the fellowship experience.

University of California – Davis

Program Director Name:

D. Gregory Farwell MD FACS

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Program Director

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dgfarwell@ucdavis.edu

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Program Co-Director Name:

Arnaud Bewley MD

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Erin Hubbard

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Website:

<http://www.ucdavis.edu/index.html>

Department Chair:

Hilary A Brodie MD PhD

Faculty Involved with the Fellowship:

Arnaud Bewley, M.D.
D. Gregory Farwell, M.D.
Scott Fuller, M.D.
Michael Moore, M.D.
Paul J. Donald, M.D.

Total Number of Positions Available per Year:

1

Duration

1 year

Position Type

1 yr Clinical

PROGRAM DESCRIPTION**Overview:**

The history of head and neck fellowship program dates back to 1987. It began as a one year training program in advanced head and neck oncologic surgery. It also included some plastic and reconstructive surgery and surgery for facial trauma. The program has continued uninterrupted to date but has greatly expanded since its inception to cover all forms of extirpative surgery including a special emphasis in skull base surgery, minimally-invasive laser and robotic surgery, microvascular and reconstructive surgery (including trauma), and endocrine surgery.

Objectives:

The Head and Neck Fellowship is a one year position with salary support through the resources of the University of California, Davis, Department of Head and Neck Surgery. The objectives of the training program are to produce exceptionally-skilled clinicians, teachers, and investigators in the field of head and neck oncologic, skull base, and microvascular surgery.

Strengths:

The University of California at Davis has had a long history of an integrated skull base surgical team composed of otolaryngology, neurosurgery, pathology and neuroradiology that meets on a regular basis to review the skull base surgical cases that are seen during this period. Preoperative management and strategies are discussed, and definitive treatment is planned. UCDCMC is unique in having this program in northern California, and there are few such centers in the western United States.

Other strengths include

- Extensive and extremely broad clinical experience given the wide catchment area and diverse population served
- Comprehensive microvascular exposure to the breadth of free tissue transfer donor sites
- Large endocrine practice
- Minimally invasive surgical practice including transoral laser, robotic and endoscopic skull base surgery
- Fresh anatomical specimens available for surgical dissection
- Tremendous translational, functional, and big-data research opportunities.

Eligibility:

U.S. and Canadian graduates of M.D. Otolaryngology Resident Programs.

Research Opportunities:

Fellows will have wide access to both translational and clinical research opportunities. In particular, we have a history of strong collaboration with our colleagues in laryngology, and scientists from the biomedical engineering department and the veterinary school. As an NCI designated cancer center, our fellows also have the opportunity to participate in multiple clinical trials. Clinical outcomes projects are also available and often supported by the Department of Biostatistics.

Supervision, Teaching and Call:

The fellowship allows for a graduated increase in responsibility as the fellow's surgical acumen allows. It is anticipated that upon completion of the fellowship, the graduate will be comfortable and more importantly competent in head and neck surgery. As most of our fellows continue in academic medicine, it is also stressed that the fellow develops and improves their teaching abilities by leading conferences, giving lectures and teaching routine cases to the residents. Specifically, fellows are expected to give two educational talks over the course of the year.

Past Fellows:

2017: Orly Coblens M.D. University of Texas at Galveston
2016: Christopher Vanison, M.D., University of Tennessee
2015: Patrik Pipkorn, M.D., Washington University
2014: Vincent Biron, M.D., University of Alberta
2014: Nathaniel Peterson M.D., Loma Linda University
2013: Jon Burton, M.D., University of South Florida
2012: Andrew Cho, M.D., University of Auckland
2011: Lawrence Yen, M.D., Yangming Medical University, Taipei, Taiwan
2011: Deborah Amott, M.D., University of Melbourne, Australia
2010: Scott Fuller, M.D., Mather Veterans Administration Hospital, Sacramento; UC Davis
2010: Rony Aouad, M.D., University of Kentucky
2009: Steven Brigance, M.D., University of Indiana
2008: Quang Luu, M.D., University of California, Los Angeles
2006: Kevin Brumund, M.D., University of California, San Diego
2005: Chetan Gujrathi, M.D., Barrows Institute, Phoenix

University of California- San Francisco

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Program Director

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Department Chair:

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Faculty Involved with the Fellowship:

Dept of Otolaryngology-Head and Neck Surgery

Jolie Chang, MD

Ivan El-Sayed, MD

Jonathan George, MD, MPH

Patrick Ha, MD

Chase Heaton, MD

P. Daniel Knott, MD

William Ryan, MD

Rahul Seth, MD

Radiation Oncology

Sue Yom MD, PhD

Neuroradiology

Christine Glastonbury MD

Pathology

Annemieke VanZante MD PhD

Medical Oncology

Alain Algazi, MD

Speech-Language Pathology

Joey McGovern Laus, MS CCC-SLP

Sarah Schneider, MS CCC-SLP

Erik Steele, MS CCC-SLP

Sky Yang, MS CCC-SLP

Dental School

Daniel Ramos DDS Oral Medicine

Arun Sharma DDS Maxillofacial Prosthetics

Richard Jordan DDS PhD Oral Pathology

Natalie Heavilin DDS Dental Oncology

Leah Bowers DDS Dental Oncology

Jennifer Perkins DDS MD Oral Surgery

Dermatology

Siegrid Yu, MD

Isaac Neuhaus, MD

Sarah Arron, MD PhD

Susana Ortiz-Urda, MD

Total Number of Positions Available per Year:

1

Duration

1 year

Position Type

1 yr Clinical

PROGRAM DESCRIPTION

Overview:

The head and neck fellowship program at UCSF provides advanced clinical training in head and neck oncologic surgery, microvascular reconstructive surgery, open and endoscopic anterior skull base surgery, transoral robotic surgery, head and neck endocrine surgery, melanoma and cutaneous oncology, sialendoscopy, and head and neck ultrasonography.

Strengths:

UCSF is a tertiary referral center for complex head and neck surgery patients. Most referrals come from general otolaryngologists throughout Northern California and beyond; additional referrals are from medical oncologists, endocrinologists, dermatologists, and primary care physicians. We see more than 500 new head and neck cancer consults per year. Highlights of our previous year's oncologic case volume include 125 salivary gland surgeries, 150 thyroid or parathyroid surgeries, 140 microvascular free flap surgeries, 30 TORS cases, and 60 anterior skull base surgeries. There is opportunity for intensive hands-on training in minimally invasive endoscopic skull base surgery (Dr. El-Sayed), microvascular free flap reconstructive surgery (Dr. Knott, Dr. Seth, Dr. Heaton), head and neck ultrasonography (Dr. George, Dr. Ryan, Dr. Heaton, Dr. Chang), and transoral robotic surgery (Dr. Ha, Dr. Heaton, Dr. George, Dr. Ryan). Depending on interest, the fellow may attend an animal lab course in robotic surgery and an on-campus microvascular surgery workshop with rat lab. There are multiple multidisciplinary conferences including a weekly head and neck tumor board where all new head and neck cancer patients are presented, weekly melanoma tumor board, monthly thyroid cancer tumor board, and monthly visible tumor conference (for non-melanoma skin cancers). The new NCI designated UCSF Helen Diller Family Comprehensive Cancer Center opened on the UCSF Mission Bay campus in February, 2015. The medical center features lasers, robotics, telemedicine systems and other state of the art technology.

Eligibility:

Fellows will receive an appointment of Clinical Instructor in the UCSF Dept of Otolaryngology-Head and Neck Surgery and take attending staff call at UCSF and UCSF-affiliated hospitals. Applicants must be a BE/BC otolaryngologist by the fellowship start date.

Duties and Responsibilities of Fellows:

The fellow will spend a cumulative total of 1 day per week in the head and neck surgery faculty clinics and 1 to 3 days per week in the OR with the head and neck surgery faculty attendings. Depending on the fellow's interest, there is opportunity to obtain more in-depth experience with minimally invasive endoscopic skull base surgery (Dr. El-Sayed), microvascular free flap reconstructive surgery (Dr. Knott, Dr. Seth, Dr. Heaton), head and neck ultrasonography (Dr. George, Dr. Ryan, Dr. Chang, Dr. Heaton), and transoral robotic surgery (Dr. Ryan, Dr. Ha, Dr. Heaton, and Dr. George). The fellow will take attending faculty night/weekend call for the UCSF otolaryngology-head and neck surgery service approximately 4 weeks per year.

The fellow will work with the Head and Neck Surgery attendings and their patients and actively participate in weekly tumor board, which discusses an average of 20 new patients and 30 patients total weekly. In the course of outpatient care, the fellow will acquire proficiency in ultrasonography of the head and neck. There will be the opportunity to follow selected patients through their non-operative treatment, with Medical Oncology and Radiation Oncology.

Research Opportunities:

The fellow is expected to become involved in the varied clinical research activities available within the department itself or in other programs at UCSF. It is expected that the fellow will take primary responsibility for at least one clinical research project, in collaboration with a head and neck surgery faculty mentor, which would be presented at a national meeting and lead to publication in a peer-reviewed journal. Although laboratory opportunities are also available for trainees with the appropriate background, the fellowship is primarily clinical.

Supervision, Teaching and Call:

The fellow plays an instrumental role in teaching activities of the department, including a primary responsibility during the Otolaryngology resident lecture series. In addition, the fellow has responsibility similar to all faculty members to provide evidence-based teaching and discussions to medical students and residents on rounds and in the clinical and operating room settings. The fellow has primary responsibility for collecting patient data, records and imaging studies for the weekly Head and Neck Tumor Board. In addition, the fellow has teaching responsibilities associated with weekly Head and Neck Rounds, Journal Club, the head and neck cadaver dissection course, and departmental grand rounds. The fellow collaborates with the Chief Resident to organize and direct Journal Clubs related to Head and Neck Oncology.

Past Fellows:

2002-2003 Ivan El-Sayed MD, Professor, UCSF
2003-2005 Young Oh MD, Kaiser Permanente, Anaheim, CA
2006-2008 Vivek Gurudutt MD, private practice, Pennsylvania
2009-2010 Ted Leem MD, Kaiser Permanente, Downey, CA
2010-2011 William Ryan MD, Associate Professor, UCSF
2011-2012 Joshua Sckolnick MD, Palo Alto Medical Foundation/Burlingame, CA
2012-2013 Gabriel Tsao MD, Kaiser Permanente, Fremont, CA
2014-2015 Chase Heaton MD, Assistant Professor, UCSF
2015-2016 Daniel Flis MD, MarinENT, Greenbrae, CA
2016-2017 Jon Mallen St. Clair MD PhD, Cedars Sinai Hospital, Los Angeles, CA
2017-2018 Jonathan Giurintano MD (current fellow)

University of Cincinnati Medical Center

Program Director Name:

Keith M Wilson MD

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Emily Crocker

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Department Chair:

Myles L Pensak MD

Faculty Involved with the Fellowship:

David L. Steward, MD; Lee A. Zimmer, MD; Yash J. Patil, MD;
Jonathan R. Mark, MD, Sid Khosla, MD

Total Number of Positions Available per Year:

Duration

1 year

Position Type

Clinical

PROGRAM DESCRIPTION**Overview:**

This one-year program familiarizes the fellow with the surgical and non-surgical therapy of head and neck tumors and the philosophy of management. It aims to train superb clinical surgeons proficient in ablative and reconstructive surgery of the head and neck. Four main clinical components are emphasized:

- 1 Ablative head and neck oncologic surgery, including organ preservation laryngeal surgery.
- 2 Thyroid and parathyroid surgery, including minimally invasive approaches.
- 3 Reconstructive surgery of the head and neck, including microvascular tissue transfer as well as traditional reconstructive techniques.
- 4 Adult airway reconstruction
- 5 Transoral Robotic Surgery

Past Fellows:

Aviv Heiman - Private Practice - Granite City, IL

Howard A. Tobin - Associate Professor - University of Texas Southwestern Medical Center

Robin T. Cotton - Professor - University of Cincinnati College of Medicine & Cincinnati Children's Hospital

Ivor A. Emanuel - Assistant Professor, University of California, SF and Clinical Faculty, Stanford University

Melvin Wiederkehr - Private Practice - Brooklyn, NY

Jagdev Singh - Private Practice - Fresno, CA

Frederick M. Silver - Associate Professor - University of South Alabama

Jeffrey F. Morgan - Private Practice - Warren, PA

Kevin A. Shumrick - Tri-Health Physicians - Group Health Associates - Cincinnati, OH

Mark C. Weissler - Professor - University of North Carolina

Robert J. Stegmoyer - Private Practice - Cleveland Heights, Ohio

Loren W. Savory - ENT Consultants - St. John's, Newfoundland

Robert P. Zitsch - Professor and Chair - University of Missouri - Ellis Fischel Cancer Center

Markus Gapany - Associate Professor - University of Minnesota

Louis G. Portugal - Professor - University of Chicago

Paul D. Righi - Private Practice - Dartmouth-Hitchcock Medical Center

Lyon L. Gleich - Presently Director of Medical Affairs, Medpace, Previously - Faculty - University of Cincinnati

Michael K. Farrell - Currently in Australia

Judith M. Czaja-McCaffrey, MD - Assistant Professor - USF Morsani College of Medicine

Tapan A. Padhya, MD - Professor - USF Morsani College of Medicine

Michael J. Wolfe, MD - Pacific Medical Centers, Seattle, Washington

Mikhail Vaysberg, DO - Assistant Professor - University of Florida Health Cancer Center

Alexander Senchenkov, MD - Associate Professor - University of Tennessee Health Sciences Center

Eyad Khabbaz, MD - Associate Professor - University of Pittsburgh Medical Center

Rizwan Aslam, DO - Assistant Professor - Tulane School of Medicine

Nidhi Gupta, MD - Assistant Professor - Albert Einstein College of Medicine - Jacobi Medical Center

Julie Goddard, MD - Assistant Professor - University of California, Irvine

Eric J. Thorpe, MD - Assistant Professor - Loyola University Stritch School of Medicine

Jonathan R. Mark, MD - Assistant Professor - University of Cincinnati College of Medicine

University of Florida

Program Director Name:

Peter T. Dziegielewski MD, FRCSC

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Program Co-Director Name:

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Department Chair:

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Faculty Involved with the Fellowship:

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Raja Sawhney MD, MFA, FACS

Brian Boyce MD

Natalie Silver MD, MS

Nicholas Cassisi DDS, MD

Neil Chheda, MD

Bill Mendenhall MD

Bob Amdur MD

Roi Dagan MD

Priya Gopalan MD, PhD

Tony Mancuso, MD

Danny DeJesus, MD

Marino Leon, MD

Kristianna Fredenberg, MD

John Hardeman DMD

Total Number of Positions Available per Year:

1

Duration

1 year

Position Type

1 Year Clinical

PROGRAM DESCRIPTION**Overview:**

The University of Florida Head and Neck Surgical Oncology program sees more than 3500 outpatient cancer visits per year with 350-500 patients treated surgically. This consists of the majority of head and neck oncology patients referred in North Central Florida. The head neck surgery team performs over 100 major head and neck ablative - free flap cases per year in addition to a robust number of endocrine, salivary gland and trans-oral cases.

The head and neck surgical oncology and microvascular reconstructive fellowship is designed to train Otolaryngology-Head and Neck Surgery graduates. Fellows will be given responsibilities to maximize clinical skill and knowledge for advanced tertiary surgical treatment of head and neck cancer patients. Additional skills will be developed in research and teaching to produce well-rounded academic surgeons. The fellow will operate with the head and neck surgical oncology and microvascular surgery faculty on advanced ablative and reconstructive cases. For basic cases, the fellow may act as the supervising/teaching physician to the chief and junior residents.

Objectives:

Objectives: The Fellowship is designed to train Otolaryngology-Head and Neck Surgery graduates in the art and science of head and neck surgical oncology and microvascular reconstruction. The goal is to provide well-rounded, multidisciplinary training for a career in academic surgery. The trained fellow will gain expertise in:

1. Multidisciplinary management of head and neck cancer patients
2. Head and neck mucosal tumor ablation
3. Head and neck skin cancer ablation
4. Skull base surgery
5. Endocrine surgery
6. Trans-oral surgery
7. Regional flaps
8. Microvascular free flap reconstruction

Strengths:

The University of Florida Head and Neck Surgical Oncology/ Microvascular Surgery fellowship will provide fellows with thorough and diverse training in tumor ablation, endocrine surgery, transoral techniques, regional flaps as well as a high volume of free flap reconstructions. Fellows can expect to graduate with over 80 free flaps with comfort in multiple types of soft tissue and bony flaps.

Eligibility:

1. Applicant must have passed USMLE Step 1, 2CK, 2CS and 3.
2. Applicant must be eligible for a Florida State Medical License
3. Applicant ideally will have completed an ACGME or RCPSC accredited residency in Otolaryngology-Head and Neck Surgery including:
 - a. 24-52 weeks of surgical base specialty training (PGY 1-2). This may include 4-8 week blocks of: emergency medicine, general surgery or relevant subspecialties, internal medicine of relevant subspecialties, plastic surgery, critical care, anesthesiology, or neurosurgery.
 - b. 208 - 236 weeks of Otolaryngology-Head and Neck Surgery including at least 36 weeks of Head and Neck Surgery.
4. Applicants completing residency training in other specialties approved for the AHNS match may also be considered.
5. Applicant must demonstrate proficiency in general medical and surgical management of patients in acute and ambulatory settings.
6. Applicant will have a robust foundation of knowledge of benign and malignant diseases of the head and neck, as well as head and neck reconstruction.
7. Applicant will have a strong base of training in head and neck and surgery gained thorough residency. A case log may be requested.

Duties and Responsibilities of Fellows:**A. Surgery:**

Major Head and Neck Cancer cases: The fellow will participate in cases requiring a free flap if possible. The fellow will be responsible for:

1. Assisting with and performing tumor ablation and neck dissection.
2. Assisting with and performing free flap raising and inseting.
3. Assisting with and performing microvascular anastomosis

Tumor Ablation (non-flap cases):

1. The fellow may assist with, perform or teach residents tumor ablative cases.
2. The fellow will have the opportunity to participate in transoral laser (TLM) or TORS cases.

Laryngologic Oncology:

1. The fellow will have the opportunity to perform secondary tracheoesophageal punctures & speech valve insertion, stomoplasty, esophageal dilation, laser laryngoscopy, vocal fold injection, thyroplasty, as well as other procedures to enhance the speech and swallowing of head and neck cancer survivors.

Trauma:

1. The fellow will participate in complex head and neck trauma cases managed by our service if possible.

NB: Surgical independence will be commensurate with skill level and experience. It is expected that the fellow will develop increasing independence as the fellowship progresses.

B. Inpatient Care:

1. The fellow will work with the inpatient team to manage and coordinate post-op care in head and neck surgical patients.

C. Clinic:

1. The fellow will do at least ½ a day of clinic per week. The fellow may have an independent clinic that runs parallel to a faculty clinic.
2. The fellow will gain experience with in-office head and neck ultrasound as well as ultrasound-guided FNA biopsies.

D. Head and Neck Tumor Board

1. The fellow will attend the weekly head and neck multidisciplinary tumor board. The conference is attended by head and neck surgical oncologists, radiation oncologists, medical oncologists, radiologists, pathologists as well as ancillary staff.
2. The fellow will be assigned to present patients at the conference to be actively involved in staging tumors, planning treatment and coordinating the care of patients.

E. Research:

1. The fellow is expected to complete 2 projects for publication and presentation at national conferences.
2. Research time will be allotted to the fellow

F. Vacation:

1. The fellow will be given 15 business days of vacation / conference leave per year.

G. Courses:

1. UF Head and Neck Lecture Series: the fellow will attend the residents' head and neck lecture series. This occurs over a 10-week span in the fall on a yearly basis. The fellow may give some lectures to residents and will be expected to take the final exam with the residents.
2. UF Head and Neck Anatomy Course: the fellow will attend the residents' head and neck anatomy course. The occurs over a 4-week span in the winter on a yearly basis and consists of lectures and cadaver dissections.

The fellow's training may be supplemented by other formal courses:

1. Microvascular Free Flap Bootcamp
2. Robotic Surgery Course
3. AO-CMF Courses

Research Opportunities:

The fellow will have opportunities to pursue clinical and basic science research projects.

- a. Clinical: multiple project options in the realms of quality of care, survival, functional and quality of life outcomes are available.
- b. Basic science: projects are available in immune-oncology and nanoparticle vaccine therapy.

Research projects can be tailored to the fellow's interests and multi-departmental collaborations are possible.

Supervision, Teaching and Call:

Supervision:

1. The fellow will have appropriate faculty level supervision, which is expected to decrease as the fellow's competence increases. The fellow will receive appropriate independence in cases as their skills progress with the idea to developing independent operative decision making.

Teaching Responsibilities:

1. To work with and teach residents on ablative and reconstructive cases. It is expected that as the fellow's skill increases, they will be able to take residents through cases.
1. To attend weekly head and neck oncology lectures (20-26) during the resident's 10 week head and neck oncology lectures series.
2. To attend the resident's yearly 4 week head and neck anatomy course. The fellow will supervise and teach residents in the head and neck anatomy lab on cadavers and may give anatomy lectures to the residents as well. The fellow will participate in the hands-on final exam at the end of the course.
3. To perform didactic teaching with the residents on head and neck oncologic and reconstructive surgery.

Call:

1. The fellow will take faculty level call at a similar frequency as other faculty members.

Past Fellows:

Upcoming fellow: Dr. Mohamed Shama 2018-2019

University of Iowa Hospitals and Clinics

Program Director Name:

Kirsti E Chang MD

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Program Director

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Jodi Klein

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Department Chair:

Bruce J Gantz MD

Faculty Involved with the Fellowship:

Nitin Pagedar, MD
Rodrigo Bayon, MD
Steven Sperry, MD
Henry Hoffman, MD
John Buatti, MD
Caryn Anderson, MD

Total Number of Positions Available per Year:

One position

Duration

One year

PROGRAM DESCRIPTION**Overview:**

The Head and Neck Oncologic and Reconstructive Surgery Fellowship at the University of Iowa has a long and rich tradition. A number of distinguished head and neck oncologists have completed this fellowship. The Department of Otolaryngology-Head and Neck Surgery at the University of Iowa, which is highly ranked nationally, is a very strong department within the University of Iowa Carver College of Medicine. The University of Iowa Hospitals and Clinics serve as a major tertiary care center in the Midwest. Approximately 25% of the 35,000 yearly outpatient visits to the Department of Otolaryngology-Head and Neck Surgery are cancer related. Approximately 500 patients are referred to the University of Iowa every year for management of a head and neck tumor. Approximately 300 of these patients are treated surgically. Patients are housed in the Clinical Cancer Center, which was opened in 1994. The University of Iowa Hospitals and Clinics surgical facility consists of 30 operating suites, including dedicated robotic surgical suites.

Objectives:

The fellowship is carried out at the University of Iowa Hospitals and Clinics, including the Holden Clinical Cancer Center and the associated Iowa City Veteran's Administration Medical Center. The objectives of the program include mastering the evaluation and management of patients with benign and malignant neoplasms involving the head and neck, including the upper aerodigestive tract, sinuses, orbits, soft tissues, and skin. The fellow will learn the most contemporary, effective, and efficient means of diagnosis and treatment for particular neoplasms. The fellow will participate in an interdisciplinary Head and Neck Cancer Tumor Board, and become proficient in the multidisciplinary management of complex head and neck cancer cases. The fellow will learn appropriate reconstruction and rehabilitation techniques used in the management of these patients, including free tissue transfer. During the fellowship, a clinical and/or basic science research project relating to the field of head and neck oncology is completed by the fellow.

Strengths:

One of the greatest strengths of the fellowship training at the University of Iowa is the extensive collaboration that the otolaryngology-Head and Neck Surgery Service has with the other surgical subspecialties. Routine collaboration with the Cardiothoracic Surgery, Neurosurgery, Oculoplastics Surgery, Oral and Maxillofacial Surgery, Dermatology and General Surgery Services are undertaken. The fellow gains a tremendous depth of understanding for all aspects of management of head and neck cancer patients through these rich collaborative relationships.

Additionally, the fellow functions as a junior faculty member, and is responsible for coordinating the management of the head and neck inpatients with the residents. This experience serves as an excellent preparation for transition into independent practice. The majority of the last ten head and neck oncologic and reconstructive surgery fellows are currently in academic positions. A number of previous head and neck fellows from the University of Iowa have gone on to assume positions of national and international leadership within the field of head and neck oncology.

Eligibility:

Fellowship candidates must either be board certified or board eligible in Otolaryngology-Head and Neck Surgery, General Surgery, or General Plastic Surgery. The fellowship candidate must be able to obtain a license to practice medicine in the State of Iowa. Documented experience and ability in the management of head and neck cancer

patients, through letters of reference and the applicant's personal statement, are required. The fellowship participates in the AHNS Fellowship Match.

Duties and Responsibilities of Fellows:

The clinical work will be performed primarily under the supervision of the fellowship director and the head and neck oncologic faculty within the department. The fellow will evaluate new and recurrent head and neck cancer patients under the direction of the faculty. The surgical responsibilities of the fellow will increase with his/her demonstrated abilities, and the fellow will perform and/or assist with procedures under the direction of the attending faculty. The fellow is expected to participate in the multidisciplinary Head and neck Cancer Tumor Board. He/she is also required to attend regular departmental meetings, including Grand Rounds, Morbidity and Mortality Conferences, and Head and Neck Oncology Rounds, as well as other selected conferences available to the fellow throughout the year. The fellow also participates in the annual Iowa Head and Neck Cancer Course, a week-long didactic and cadaver dissection course. The fellow is expected to actively participate in the education of residents and medical students in the operating room, on the wards, and in the clinics. The fellowship experience at the University of Iowa consists of a very large clinical experience, encompassing all aspects of contemporary head and neck oncologic surgery. Fellows will have the opportunity to participate in a broad range of advanced ablative procedures, including skull base resections, advanced techniques in laryngeal rehabilitation, and transoral robotic surgery, as well as endocrine surgery, and multidisciplinary cases involved the Neurosurgery, Oculoplastics, Oral and Maxillofacial, Dermatology and Cardiothoracic Services. In addition, the head and neck oncologic and reconstructive fellow routinely performs between 60 to 70 free tissue transfer procedures during one year of clinical training.

Research Opportunities:

A variety of research opportunities is available in the field of outcome evaluation and quality of life assessment for head and neck cancer patients. In addition, the fellow has a variety of basic science laboratories available within which the fellow may coordinate research projects under the mentorship of the distinguished researchers at the University of Iowa.

University of Kansas Medical Center

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Department Chair:

Alexander Chiu MD

Faculty Involved with the Fellowship:

David Beahm, MD Endoscopic Skull Base Surgery

Andres Bur, MD Head and Neck Surgery

Paul Camarata, MD Neurosurgery

Sufi Thomas, Ph.D. Director of Basic Science Research in H&N cancer

James D. Garnett, M.D. Laryngology

Douglas A. Girod, M.D. Head and Neck Surgery

Kiran Kakarala, MD Head and Neck Surgery

Prakash Neupane, M.D. Medical Oncology

Christopher Lominska, M.D. Radiation Oncology

Yelizaveta (Lisa) Shnayder, M.D. Head and Neck Surgery

Jason Sokol, MD Oculoplastic Surgery

Hinrich Staecker, M.D., Ph. D. Neuro-Otology/Skull Base Surgery

Kevin J. Sykes, Ph.D., M.P.H. Director, Clinical Research

Terance T. Tsue, M.D. Head and Neck Surgery

Allen Chen, M.D. Radiation Oncology

Total Number of Positions Available per Year:

1

Duration

1 year

PROGRAM DESCRIPTION**Overview:**

The University of Kansas Medical Center is a 713-bed hospital with a 21-bed Neuro-Intensive Care Unit and a 26-bed OTO-HNS Ward. The patient accrument area includes all of Kansas and part of Western Missouri. All patients are presented prospectively at the weekly Multidisciplinary Head and Neck Oncology Tumor Board, to obtain a consensus opinion on treatment. This is the busiest Tumor Board at the Medical Center, with more than 450 new or recurrent Head and Neck cancer patients presented each year. A multidisciplinary Thyroid Tumor Board is held monthly to discuss new and recurrent thyroid malignancy patients. A multidisciplinary Melanoma Tumor Board is held monthly to discuss management of melanoma patients.

Objectives:

The Head and Neck Fellowship is a comprehensive one year clinical fellowship, encompassing a full spectrum of Head and Neck Oncology, interdisciplinary management of head and neck cancer patients, with clinical and translational research involvement.

Clinical focus includes:

- Head and Neck Oncologic Surgery
- Microvascular Reconstructive Surgery
- Skull Base Surgery (anterior & lateral), including endoscopic approaches to the skull base

- Minimally Invasive Endocrine Surgery
- Transoral Laser Surgery of Larynx and Oropharynx
- Transoral Robotic Surgery using Da Vinci technology
- Multidisciplinary management of skin cancers, including melanoma, and sentinel lymph node biopsy

Strengths:

Our high clinical volume program creates an ideal combination of supervision and autonomy, preparing fellows for an independent career in academic Head and Neck Surgery and microvascular reconstruction. Strengths of the training program include:

-Microvascular animal laboratory dissection course to be completed at the beginning of the fellowship

-Training in Transoral Robotic surgery for benign and early malignant tumors of the oropharynx and larynx utilizing Da Vinci technology

-"Introduction to Clinical Research" course, which is administered by the School of Medicine and runs from August to December. This course is free to faculty and fellows, and may be taken for a grade or a certificate. A certificate is given after completing a research proposal, written as a short version of a grant proposal.

-Multiple conferences including intra-departmental Grand Rounds/teaching conferences, annual three-day winter retreat CME meeting in Copper Mountain, Colorado, basic and advanced AO courses on principles of maxillofacial trauma and reconstruction, two-day endoscopic thyroid dissection course and annual alumni day research conference.

-One day a week will be devoted to elective time in the morning and research time in the afternoon. The Fellow will complete electives in Nuclear Medicine, Radiation Oncology, Medical Oncology and Head and Neck Radiology.

-Kevin Sykes, PhD, MPH, Director of Clinical Research at the Department of Otolaryngology, is a great resource for the H&N Fellow in terms of help with IRB submission, statistical analysis, clinical trial design and administration, getting started with new study protocols as well as preparing poster and oral scientific presentations.

-Sufi Thomas, PhD, Director of Basic Science and Translational Research, is a wonderful resource for the H&N Fellow.

-Opportunity for the Fellow to participate in one medical mission trip in a developing country, with KUMC Otolaryngology faculty and residents.

Eligibility:

Admission to the fellowship is contingent upon completion of one of the ACGME-approved residencies in Otolaryngology, Plastic Surgery or General Surgery and eligibility to sit for board examination in applicant's respective specialty. All applicants must be eligible for a medical license in the state of Kansas.

Duties and Responsibilities of Fellows:

The Head and Neck Fellow will be appointed as a Clinical Instructor at the Department of Otolaryngology – Head and Neck Surgery. The Fellow is expected to be involved as a primary or assisting surgeon in all microvascular reconstructive cases as well as transoral robotic resections and skull base cases. The fellow will follow the pre-operative as well as post-operative course of at least 200 head and neck cancer patients. The patients will be discussed with the attending physician in a manner to maximize a teaching experience for the Fellow, while encouraging increasing autonomy and responsibility.

The Fellow will also have didactic teaching responsibilities including Summer Head and Neck Anatomy Course, resident/medical student lectures, and at least one major Grand Rounds presentation as well as a research presentation at the Alumni Day in June. He/she will be expected to act as a teaching physician to a resident during the more straightforward part of a complex head and neck resection, or routine cases such as uncomplicated neck dissections, thyroidectomies, glossectomies or parotidectomies.

The Head and Neck Fellow will attend the “Introduction to Clinical Research” course at the School of Medicine. The Fellow is expected to complete a research project to be presented at a national meeting as well as submitted for publication.

Past Fellows:

Dr. Jeffrey Jorgensen (2009) is an academic Head and Neck/Microvascular surgeon at the University of Missouri/Columbia Department of Otolaryngology.

Dr. Konstantinos Kourelis (2010) has also completed an advanced fellowship in endoscopic/skull base surgery in Baltimore, MD. He returned to Patras, Greece to practice Head and Neck Surgery.

Dr. Mark Furin (2011) returned to his position of Chief of Otolaryngology - Head and Neck Surgery at Kaiser Permanente Northwest in Portland, Oregon.

Dr. Yogesh More (2012) is a Head and Neck/Microvascular surgeon at Cleveland Clinic, Abu Dhabi.

Dr. Issam Eid (2013) is an academic Head and Neck/Microvascular surgeon at the University of Mississippi at Jackson Department of Otolaryngology.

Dr. Levi G. Ledgerwood (2014) is a Head and Neck/Microvascular surgeon at Kaiser Permanente in Sacramento, California.

Dr. Michael Deutschmann (2015) is a Head and Neck Surgeon with Alberta Health Services, Calgary in Canada.

Dr. Marco Ayala (2016) is a Head and Neck Oncology and Microvascular Reconstruction Surgeon at the Naval Medical Center in Portsmouth, VA.

University of Miami Hospital and Clinics

Program Director Name:

Francisco Civantos MD

Program Director Institutional Title:

Program Director

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Program Coordinator:

Jenine Dunn

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Program Coordinator Phone:

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Faculty Involved with the Fellowship:

Francisco Civantos, M.D. Professor, Program Director
W. Jarrad Goodwin, M.D. Professor
Donald T. Weed, M.D. Professor
Giovana Thomas, M.D. Associate Professor
Elizabeth Franzmann, M.D. Associate Professor
Zoukaa Sargi, M.D., MPH Associate Professor
Jason Leibowitz, M.D. Assistant Professor
Elizabeth Nicolli, M.D. Assistant Professor
Roy Casiano, M.D. Professor (Chief of Sinus & Voice)
Jose Ruiz, M.D. Associate Professor (Sinus & Voice)
Xue Liu, M.D., Ph.D. Professor (Vice Chair of Research)
Liza Grunebaum, M.D. Associate Professor (Facial Plastics & Reconstructive)
Brian Jewett, M.D. Assistant Professor (Facial Plastics & Reconstructive)
Donna Lundy, Ph.D. Professor, Speech Language Pathology
Mario A. Landera, SLP Instructor, Speech Language Pathology

Justine Allen, MS, SLP Speech Language Pathology
Amanda Demane, SLP Speech Language Pathology

Total Number of Positions Available per Year:
2

Duration
1

University of Michigan

Program Director Name:

Kelly Michele Malloy MD FACS

Program Director Institutional Title:

Program Director, Head and Neck Surgical Oncology and Microvascular Reconstruction Fellowship

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Program Coordinator:

Roberta Wilcox

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<http://medicine.umich.edu/dept/otolaryngology/education/fellowships/fellowship-head-neck-oncologic-surgery>

Department Chair:

Mark EP Prince MD FRCSC

Faculty Involved with the Fellowship:

Clinical Faculty:

Mark E. Prince, MD, FRCSC
Carol R. Bradford, MD, FACS
Kelly M. Malloy, MD, FACS
Keith A. Casper, MD
Steven B. Chinn, MD, MPH

Mohannad Ibrahim, MD
Jonathan B. McHugh, MD
Erin L. McKean, MD, MBA
Scott A. McLean, MD, PhD,
Michelle Mierzwa, MD
Jeffrey S. Moyer, MD, FACS
Andrew G. Shuman, MD
Matthew E. Spector, MD, FACS
Ashok Srinivasan, MD
Chaz L. Stucken, MD
Paul L. Swiecicki, MD
Francis P. Worden, MD

Research Faculty
J. Chad Brenner, PhD
Thomas E. Carey, PhD
Avraham Eisbruch, MD
Silvana Papagerakis, PhD
Gregory T. Wolf, MD, FACS

Nursing and SLP Staff:
Jenny Jarema, RN, BSN, CORLN
Dee Middleton, RN, BSN, CORLN
Tamara Miller, RN, BSN, OCN
Mary Lou Patterson, RN, BSN, CORLN
Nancy Pelto, RN, BSN, CORLN
Anna Hardenbergh, MA, CC-SLP
Teresa Lyden, MA, CCC-SLP

Total Number of Positions Available per Year:

2

Duration

1 year

Position Type

One year, 80% clinical and 20% research. An elective second year of fellowship is 80% research and 20% clinical.

PROGRAM DESCRIPTION

Overview:

The University of Michigan's Head and Neck Surgical Oncology and Microvascular Reconstruction Fellowship is designed to provide intensive training in all facets of oncologic care of the head and neck cancer patient. Our goal is to train future leaders in the field of head and neck cancer care, clinical and translational research, and to provide the platform from which a successful academic career is launched. As the major center for head and neck surgery in Michigan, our multidisciplinary team treats numerous head and neck cancer patients each year, and our fellows are integral participants in caring for these patients. We perform well over 100 free tissue transplants yearly, harvesting from the full breadth of donor sites. Additionally, we have the largest melanoma and Merkel cell carcinoma programs in the United States. In addition to extensive training in head and neck mucosal extirpative surgery, both open and transoral, the fellows are trained in the following specialized areas: microvascular reconstructive surgery, advanced cutaneous malignancy surgery, including sentinel node biopsy,

skull base surgery and reconstruction, and salivary and endocrine surgery. Dedicated time is allotted to rotate with our entire multidisciplinary team, including radiation and medical oncology, radiology, pathology, and speech language pathology, as well as any other specialists the fellow may wish to work with. Beyond the clinical experience, we pride ourselves on providing life-long mentorship to our fellow graduates, and our Fellow Alumni group provides additional networking and mentorship opportunities.

Objectives:

It is our intention to develop the next generation of head and neck surgeon leaders, launching each fellow's career via in-depth training and preparation, as well as cultivating their long-term career goals through life-long mentorship.

Strengths:

A focus on career-long mentorship and sponsorship. Large, varied surgical case volume, including the entire free tissue armamentarium. Diverse training and backgrounds of faculty. Rich research portfolio in a wide array of scholarly disciplines. Accomplished fellowship alumni.

Eligibility:

At the present time, we are only able to consider fellowship applicants from U.S. training programs. Observation visits of weeks or months duration are available for international candidates.

Duties and Responsibilities of Fellows:

1. Work-up and follow surgical patients while admitted to head and neck service.
2. Assist in major surgical cases.
3. Assist in microvascular surgical cases.
4. Supervise at the VA Hospital 1 day per week (may be shared if 2 fellows are matched in same year).
5. Summarize cases at weekly Multidisciplinary Tumor Board.
6. Prepare and submit fellowship research project.
7. Present research at the Annual Krause Research Day.
8. Participate in all Cancer Center activities related to the Head and Neck Oncology Program, including monthly meeting attendance and attend the annual Head and Neck Oncology Program Retreat.
9. Participate with faculty in student and resident teaching, including several formal lectures at tumor conferences.
10. Daily rounds with faculty.
11. Participate in "on-call" responsibilities (5-6 weeks/year).
12. Attend one national scientific meeting per year.
13. Prepare annual operative list and list of publications.

Research Opportunities:

The Head and Neck Oncology Program of the University of Michigan is one of the most prolific head and neck cancer research groups in the world. We maintain tumor biology research laboratories both at the University of Michigan Comprehensive Cancer Center and at the Department of Veteran's Affairs Medical Center. Basic science research opportunities are available in the molecular biology of tumors, predictive biomarkers, stem cell research, genomics and proteomics. We are also national leaders in clinical trials development, outcomes and quality of life research and health services research. Finally, we have burgeoning research programs in quality of head and neck surgical care and in simulation education research that may appeal to fellows with interests in quality improvement/patient safety or graduate medical education. Any and all of these research opportunities are available for the head and neck fellows.

Supervision, Teaching and Call:

Fellows are responsible for 5 to 6 weeks of faculty call each year. They are well supported by a highly available, permanent faculty corp. The fellows see basic neck mass and "general" head and neck complaints in their clinics;

when such a patient is diagnosed with cancer, they are co-managed by the fellow and a head and neck faculty member. In this fashion, the fellow has a graduated experience managing their head and neck patient with direct support from the faculty, and the patient is assured a safe and continuity-of-care-focused experience at our institution.

Past Fellows:

Douglas B. Chepeha, MD, MScPH, FRCSC, Professor, University of Toronto
Mark E. P. Prince, MD, FRCSC, Professor and Interim Chair, University of Michigan
Larry Myers, MD, Associate Professor, University of Texas Southwestern Medical Center
Brian Nussenbaum, MD, FACS, Professor, Washington University in St. Louis; Executive Director-Elect, American Board of Otolaryngology
Steven Wang, MD, FACS, Professor and Chair, University of Arizona
Kevin Fung, MD, FRCSC, FACS, Professor and Chair, Western University, London, Ontario
Jeffrey S. Moyer, MD, FACS, Associate Professor, University of Michigan
Christopher D. Lansford, MD, Private Practice, OSF Healthcare, Peoria, IL
Lance E. Oxford, MD, Private Practice, Ear, Nose & Throat Specialty Care, Dallas, TX
Amy A. Lassig, MD, FACS, Assistant Professor, University of Minnesota
Kevin Emerick, MD, Assistant Professor, Harvard Medical School
Kelly M. Malloy, MD, FACS, Associate Professor, University of Michigan
Samir Khariwala, MD, Associate Professor, University of Minnesota
Keith Casper, MD, Assistant Professor, University of Michigan
Shamir Chandarana, MD, Msc, FRCSC, Clinical Assistant Professor, University of Calgary
Naweed Raza, MD, Assistant Professor, Wayne State University
Vivian Wu, MD, MPH, Assistant Professor, Henry Ford Health System
Matthew Spector, MD, Assistant Professor, University of Michigan
Chaz Stucken, MD, Assistant Professor, University of Michigan
Jesse Ryan, MD, Assistant Professor, SUNY Upstate
Danielle Gainor, MD, Assistant Professor, Emory University
Brittney Tillman, MD, Assistant Professor, University of Texas, Southwestern Medical Center
Tiffany Glazer, MD, Assistant Professor, University of Wisconsin

University of North Carolina

Program Director Name:

Trevor Hackman

Program Director Institutional Title:

Associate Professor

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Department Chair:

Harold Pillsbury

Faculty Involved with the Fellowship:

Trevor Hackman, MD FACS - Fellowship Director
Mark Weissler, MD FACS - Division Chief
Jose Zevallos, MD - Research Director
Samip Patel, MD - Director Microvascular Reconstruction
Jeff Blumberg, MD - Ablative and Reconstructive Surgery
Adam Zanation, MD FACS - Director Skull Base Surgery
Brian Thorp, MD - Skull base surgery
Bhishamjit Chera, MD - Radiation Oncology
Neil Hayes, MD - Medical Oncology
Jared Weiss, MD - Medical Oncology

Total Number of Positions Available per Year:

1

PROGRAM DESCRIPTION

Overview:

Fellow will have a 1 year clinical experience with advanced head and neck surgery.

Training will include: operative experience with faculty, clinic experience with faculty, half day fellow clinic, independent surgery

The fellow will rotate with all surgical faculty throughout the year and get in depth exposure to each of the following:

Traditional Ablative Surgery: Composite Resection, Laryngectomy, etc. (It is expected the fellow will be at an independent level with these surgeries)

Transoral Surgery: Fellow will train in TORS (> 60 cases/year) and TLM

Reconstructive Surgery: Fellow will have an in depth reconstructive experience (60 flaps during training)

Microvascular (RFFF, lateral arm, ALT, scapula tip, latissimus, Fibula, Rectus);

Rotational (Submental Island, Pectoralis, Latissimus, Temporalis, Supraclavicular, Nasoseptal)

Skull base Surgery: Open and Endoscopic Skull base surgery with Dr. Zanation and Thorp

Endocrine Surgery: Thyroid surgery (traditional, MIVAT, robotic), Parathyroidectomy

Salivary Gland Surgery: Parotidectomy, Sialendoscopy (clinic and OR)

Fellow will be assigned research projects and have mentorship throughout the year by Dr. Zevallos and Hackman with the expectation of 2 high index publications. Fellow will attend weekly lab meetings

The fellow will also spend time with medical oncology and radiation oncology to learn about treatment planning, radiation simulation, chemotherapy consultation and recommendations, clinical trial development

The fellow will attend tumor board weekly and run a half day fellow clinic

Objectives:

Enhance head and neck training with:

Exposure to patients in clinic

Exposure to high volume ablative and reconstructive surgery

Foster teaching/mentor role - fellow will be placed in the role of instructor during training to help transition to becoming an attending

Enhance knowledge of clinical trials and research.

Fellow expected to produce at least 2 high index publications

Develop a better understanding of the nuances of radiation therapy planning and treatment

Develop a better understanding of chemotherapy/immunotherapy options for patients and how choices for a therapy are made

Strengths:

High volume Cancer center - 780 new cases/year

High Volume Transoral Surgery

High Volume Reconstructive Surgery with an excellent variety of flaps utilized

High Volume Endocrine and Sialendoscopy Practices

High Volume open and endoscopic skull base surgery practice

Balance of mentorship and independence

Research Mentorship: Fellow will attend a 1 hour weekly lab meeting and have independent projects

Eligibility:

Applicant must be eligible for certification by the Canadian or the American Board Otolaryngology, the American Board of Surgery, or the American Board of Plastic Surgery (or equivalent). If you are trained outside of the U.S. or Canada, please contact the appropriate American Board to determine your eligibility status.

Duties and Responsibilities of Fellows:

1/2 day Fellow clinic

Fellow will act as an advisor to the head and neck team and will be present during morning signout to attendings
Attendance at tumor board and weekly lab meeting
Minimum of 2 research projects
1 Weekend call per month (call will be backed up by attending)

Research Opportunities:

Weekly research lab meeting
Mentorship by Dr. Zevallos and Dr. Hackman
Basic Science research in collaboration with Dr. Neil Hayes
Outcomes Research with Dr. Zevallos, Hackman, Patel
Collaboration with the school of public health available
Examples of areas of research interest: HPV+ oropharynx cancer, genomic mapping, outcomes, reconstructive techniques, cost evaluation

Supervision, Teaching and Call:

1 Weekend Call per month (backed up by attending)
1 Holiday Call (backed up by attending)
1/2 day fellow clinic - fellow may schedule cases out of their clinic
Both team and one on one mentorship training model for clinic and OR with attending
Educational conferences twice weekly

Past Fellows:

Travis Newberry (2012-2013) - Currently at San Antonio
David Ludlow (2013-2014) - Currently at Metrohealth (Affiliate Case Western)
Jeremiah Tracy (2014-2015) - Currently at UMASS
Brittany Howard (2015-2017) - Faculty at Mayo Scottsdale
Eugenie Du - Current Fellow

University of Oklahoma

Program Director Name:

Trinitia Cannon, MD

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Program Director

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Program Director Phone:

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United States

Total Number of Positions Available per Year:

1

Duration

1

University of Pennsylvania Health System

Program Director Name:

Jason G Newman MD

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Program Director

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Program Coordinator:

Viba Nguyen

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Program Coordinator Phone:

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Department Chair:

Bert W O'Malley MD

Faculty Involved with the Fellowship:

Faculty Involved with the Fellowship:

Gregory S. Weinstein, M.D.

Ara Chalian, M.D.

Bert W. O'Malley, Jr., M.D.

Jason G. Newman, M.D.

Christopher Rassekh, M.D.

Steven Cannady, MD

Rabie Shanti, M.D.

Total Number of Positions Available per Year:

2

Duration

1 year

PROGRAM DESCRIPTION**Overview:**

A recent trend in many centers has been to define the role of the head and neck surgeon as a doctor, who diagnoses head and neck squamous cell carcinoma in preparation of non-surgical treatment, such as chemotherapy and radiation, reserving the surgical role for treatment failures. The philosophy of management at the University of Pennsylvania (PENN) is based on a different approach. The Center for Head and Neck Cancer meets weekly and all patients are presented prior to treatment. Our approach is to recommend the best treatment for each patient, either surgical or non-surgical. The overall approach is to focus on cancer control while optimizing functional outcome. At times, surgery is superior in the oropharynx and larynx for both cancer control and better functional outcome. This is accomplished with the judicious use of a variety of surgical approaches, such as endoscopic laser approaches, transoral robotic surgery utilizing the da Vinci Surgical System, transcervical resection, open or endoscopic partial laryngectomy, and free flap reconstructions.

While we fully agree that in many instances non-surgical treatment is the superior treatment option, this is not always the case. In fact, here at PENN we have carried out major chemoradiation trials, and fully support the role of non-surgical management of carcinomas of the head and neck when appropriate. We are uniquely positioned to integrate non-surgical management into our regimens given that, in the Department of Otorhinolaryngology-Head and Neck Surgery at PENN, we employ a full-time clinical medical oncologist.

Nonetheless, a head and neck surgeon should never have to be in a position to offer non-surgical treatment to patients because they do not feel comfortable performing the full spectrum of surgical techniques that are available for their patients. The goal and educational emphasis of our fellowship is to provide a learning environment that allows our fellows to mature into surgeons that view themselves as the advocate for the surgical approaches when surgery is the superior modality for a given patient and cancer.

Strengths:

The clinical strengths of the program include learning a full complement of organ preservation surgery (i.e., supracricoid partial laryngectomy, endoscopic laser laryngeal surgery for cancer), Transoral Robotic Surgery (TORS) utilizing the da Vinci Surgical System, thyroid and parathyroid surgery, parotid surgery, microvascular free flap surgery, and endoscopic and open cranial base surgery. With the outstanding addition of Steve Cannady MD, a Mark Wax MD trained free flap surgeon, together with Ara Chalian DM, our fellows will learn how to perform free flaps efficiently and successfully on a very large number of cases. The graduating fellow will be armed with the technical and perioperative management skills necessary to treat these complex problems, as well as the skills to manage all aspects of "general" head and neck surgical oncology. The University of Pennsylvania Center for Head and Neck Cancer is the first services in the world to offer Transoral Robotic Surgery (TORS) for the diagnosis and treatment of benign and malignant lesions of the upper aerodigestive tract. Robotic surgery has been found to be an important advance in the management of patients with head and neck cancers, and our fellows will be fully trained robotic surgeons. The TORS training program includes hands on cadaver training in our TORS training laboratory which is located in our department Temporal Bone Lab. We also offer post-graduate TORS training and have regularly scheduled TORS trainings that allow fellows to observe numerous TORS cadaver training sessions as well. It is our opinion that this will create an immediate clinical and research medium for an academic Head and Neck Surgeon. The goal of the program has been to help the recent fellowship graduates to transition into being independent practitioners in head and neck oncology.

Duties and Responsibilities of Fellows:

The Head and Neck Fellowship at the University of Pennsylvania is a clinically oriented 12-month experience, designed to provide advanced training in all aspects of the care of the head and neck cancer patient. During this

time, the fellow will be mentored by the full-time head and neck faculty, as well as by a team comprised of medical oncologists, radiation oncologist, pathologists, and radiologists. They will work at, and cover both the Hospital of the University of Pennsylvania and Pennsylvania Hospital. The fellow works closely in the operating room with the supervising attending surgeons, and will actively participate in the training of residents. The fellow is involved in both ablative and reconstructive aspects of patient care. Comprehensive management of the patient is emphasized, and the fellow will be involved in the initial consults, preoperative visits, tumor board discussions, and postoperative care of the patients. This continuity of care allows for a better understanding of the full process of cancer management. Fellows are involved in clinic one-half day per week. They attend meetings of the PENN Center for Head and Neck Cancer, with presentation of approximately 800 new head and neck cases per year. This multidisciplinary treatment conference familiarizes the fellow with both surgical and non-surgical approaches in the management of head and neck cancer. As a junior member of the faculty, the fellow will also have an independent half-day clinic, and will diagnose, treat, and care for patients in this setting.

Research Opportunities:

Research and teaching opportunities are also available and encouraged. The staff is available and interested in fostering clinical research.

Past Fellows:

The program has a very strong track record in academic job placement nationally. For those prospective applicants with an interest in our program the list of prior fellows and their contact information is available from our Staff Assistant, Viba Nguyen (Viba.nguyen@uphs.upenn.edu)

University of Pittsburgh Medical Center

Program Director Name:

Uma Duvvuri MD PhD FACS

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Program Director

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Jackie Lockhart

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Department Chair:

Jonas T Johnson MD

Faculty Involved with the Fellowship:

Robert L Ferris, MD, PhD
Jonas T Johnson, MD
Eugene N Myers, MD
Seungwon Kim, MD
Umamaheswas Duvvuri, MD, PhD
Carl H Snyderman, MD
Melonie Nance, MD
David E. Eibling, MD
Eric Wang, MD

Total Number of Positions Available per Year:

3

Duration

1-2 years

PROGRAM DESCRIPTION**Overview:**

The Department of Otolaryngology at the University of Pittsburgh School of Medicine offers Fellowship training in Advanced Oncologic Head and Neck, as well as Cranial Base Surgery.

Strengths:

Large surgical volume, including transoral robotic (TORS), endoscopic laryngeal, endocrine and sinonasal/skull base case. Multidisciplinary, state-of-the-art management of head and neck cancer. Unique clinical and translational research opportunities, through NIH funded research and training grants, including an NCI-funded SPORE. More information is available on request.

Eligibility:

Applicants must be Board Certified or eligible for certification in Otolaryngology, Plastic Surgery, or General Surgery. All applicants must be eligible for licensure to practice medicine in the State of Pennsylvania. The fellowship is a minimum of one year in duration. Applicants with a potential for a career in academic surgery are preferred.

Duties and Responsibilities of Fellows:

The successful applicant will be appointed as Instructor in Otolaryngology. Active participation in weekly tumor board and patient planning conference, as well as all aspects of patient care, is anticipated. Training in advanced oncologic head and neck surgery includes teaching head and neck surgery; participating in advanced oncologic head and neck procedures, including surgery of the cranial base; and didactic training in the disciplines of radiation oncology and medical oncology. Currently, the fellow actually participates in a wide variety of surgeries, including cranial base surgery. Many procedures are undertaken in a multidisciplinary environment, including neurosurgery, plastic and reconstructive surgery, and thoracic surgery. The successful applicant must be able to function effectively in a high-volume surgical program with an emphasis on resident training and research. A multitude of opportunities for personal growth are available.

Research Opportunities:

Identification of a research project is an essential component of the training program. All fellows are required to design a prospective clinical trial concept during the fellowship year(s). Laboratory investigation may be pursued in a variety of laboratories affiliated with the University of Pittsburgh Cancer Institute or in the Department of Otolaryngology. Under most circumstances, this would require a commitment to a second year of training

Past Fellows:

Johannes Fagan, M.D.-Chairman, Groote Schuur Hospital, Cape Town, South Africa
Bert O'Malley, M.D.-Professor and Chairman, University of Pennsylvania, Philadelphia
Lisa Galati, M.D.-Associate Professor, Albany Medical College, Albany, NY
Kristin Gendron, M.D.-Private practice in St. Paul, MN
Christine Gourin, M.D.- Professor, Johns Hopkins
Daniel Nuss, M.D., Professor and Chairman, LSU Medical School

Karen Pitman, M.D.-Professor, MD Anderson Phoenix, AZ
Alfred Simental, MD-Professor and Chairman, Loma Linda University, Loma Linda, CA
John Song, M.D.-Associate Professor, University of Colorado, Denver
Rohan Walvekar, M.D.-Associate Professor, LSU Medical School
Stephen Lai, M.D., Ph.D. Associate Professor, MD Anderson Cancer Center
Lee Zimmer, M.D.-Associate Professor, University of Cincinnati, Cincinnati, OH
David Cognetti, MD- Assistant Professor -Jefferson Medical College
Brain J. Park, M.D. Instructor in Otolaryngology, Harvard Medical School
Emiro Caicedo -Granados, M.D. Assistant Professor, University of Minnesota
Apostolos Christopoulos, M.D., Assistant Professor, University of Montreal
Steve C. Lee, M.D., Ph.D., Assistant Professor, Loma Linda University
Alec Vaezi, MD, PhD - Assistant Professor, University of Pittsburgh
Andrew Tassler, MD, Assistant Professor, Montefiore Medical Center, Bronx, NY
Irene Zhang, MD - McMaster University, Head and Neck Service
Chwee Ming Lim, MD - Assistant Professor, Consultant, National Univ. Health System, Singapore
Vikas Mehta, MD, Assistant Professor, LSU Health Shreveport

University of Toronto

Program Director Name:

Jeremy L Freeman MD

Program Director Institutional Title:

Program Director

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Program Coordinator:

Lily Bekic

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Department Chair:

Ian J Witterick MD

Faculty Involved with the Fellowship:

University Health Network

Dale Brown, M.D.

Ralph W. Gilbert, M.D.

John De Almeida, M.D.

David Goldstein, M.D.

Patrick J. Gullane, M.D.

Jonathan Irish, M.D.

Douglas Chepeha

Mount Sinai Hospital

Jeremy L. Freeman, M.D.

Sunnybrook Health Sciences Center

Danny Enepekidis, M.D.
Kevin Higgins, M.D.
Directors of Research:
Fei-Fei Liu, M.D., at the University Health Network
Ranju Ralhan, Ph.D at Mount Sinai Hospital

Total Number of Positions Available per Year:

4

Duration

1-2 years

PROGRAM DESCRIPTION

Overview:

The Mount Sinai Hospital, Sunnybrook Health Sciences Center and the University Health Network (Toronto General Hospital/Princess Margaret Hospital) are teaching hospitals within the University of Toronto health sciences complex. Over the past 15 years, the Department of Otolaryngology—head and neck surgery at the University of Toronto has developed a highly integrated multidisciplinary Head and Neck Fellowship Program incorporating these three campuses. The Toronto Western Hospital, where neurosurgical expertise is concentrated serves as the site for any surgery involving the skull base.

This program is recognized internationally for patient care, research, and education, principally involving the disciplines of radiation, medical and surgical oncology; the program interfaces with medical imaging, pathology, dentistry, speech, nutrition, nursing, social work, psychiatry, and research scientists.

The program provides well-balanced exposure to all areas including skull base surgery, microvascular surgery, endocrine surgery, and innovative head and neck research. More recently Head and Neck Oncology has been selected as one of the programs of “Excellence” within the Ontario Cancer Institute/Princess Margaret Hospital. Similarly, Head and Neck Oncology is designated at the Mount Sinai Hospital as a high priority program within the strategic focus of the hospital.

Within the Mount Sinai/UHN, seven hundred new cases of head and neck squamous cell carcinoma (scc) are evaluated in the program per annum at the Princess Margaret Hospital. One thousand major procedures are performed each year within this head and neck site group. Two hundred free tissue transfers are carried out by the service to reconstruct defects about the head and neck. In addition to the above, seven hundred and fifty thyroid procedures are carried out by the staff. At the Sunnybrook campus approximately four hundred new scc cases are seen and one hundred free tissue transfers are performed in addition to two hundred endocrine cases. The fellow is exposed to a large volume of head and neck related cases; the experience is tailored to the desires and ultimate career goals of the fellow. The fellow is expected to integrate with residents in the teaching program and act as mentor to them.

Fellows are given incremental responsibility according to performance. Supervision is available at all times. Fellows are not required to manage patients outside the scope of head and neck oncology or related diagnoses.

Throughout the academic year there are a large number of teaching rounds, tumor boards, continuing medical education events, courses, and visiting professorship to which the fellow is invited to participate.

The majority of head and neck cases in the Toronto region are seen in the multidisciplinary facilities of the University Health Network (UHN)/ Mount Sinai Hospital and Sunnybrook. Head and neck is considered a tertiary referral program by most community-based physicians and surgeons.

Duties and Responsibilities of Fellows:

The program broadly encompasses a wide variety of neoplastic head and neck diagnoses. The major subsites include all head and neck mucosal malignancies. Other subsites include salivary glands, thyroid, complex head and neck skin malignancies, and head and neck sarcoma that are managed by the head and neck surgical group in collaboration with the respective radiation oncology and medical oncology site group members. During the one or two-year fellowship program, the clinical rotations include the University Health Network (UHN), Mount Sinai Hospital, or Sunnybrook. There are four fellowship positions available per year.

The duties of the Head and Neck Oncology Fellow are as follows within the respective institutions:

1. Participate in outpatient clinics pertaining to the head and neck.
2. Participate in surgical procedures pertaining to the head and neck.
3. The “core teaching curriculum” requires that a topic be researched monthly within the Head and Neck Program.
4. Completion of at least three clinical-oriented research projects that results in peer-reviewed publications. Opportunity is available for basic science projects. Support is available for presentation of the fellow’s work at scholarly meetings.
5. Attend weekly interdisciplinary Tumor Board Rounds at The University Health Network, Mount Sinai Hospital or Sunnybrook.
6. Present at least one Grand Rounds per year related to the Head and Neck Program and participate at all Tumor Board related rounds at The University Health Network, Mount Sinai Hospital or Sunnybrook.
7. Prepare a topic for the fellows’ monthly Education Seminar that takes place on the first Monday of each month.

Past Fellows:

Of the fellows who have successfully completed this fellowship program, over 80% of them have pursued academic careers and a significant number are department chairs.

University of Washington

Program Director Name:

Jeffrey J. Houlton, MD and Neil Futran, MD, DMD

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Program Director

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United States

Total Number of Positions Available per Year:

2

Duration

1 year

University of Wisconsin

Program Director Name:

Gregory K Hartig MD

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Program Coordinator:

Laura Bucci

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Department Chair:

Timothy McCulloch MD

Faculty Involved with the Fellowship:

Dr. Gregory Hartig, Professor, Otolaryngology - Head and Neck Surgery
Dr. Timothy McCulloch, Professor, Otolaryngology - Head and Neck Surgery
Dr. Aaron Wieland, Assistant Professor, Otolaryngology - Head and Neck Surgery
Dr. Tiffany Glazer, Assistant Professor, Otolaryngology - Head and Neck Surgery
Dr. Paul Harari, Professor, Human Oncology
Dr. Randall Kimple, Assistant Professor, Radiation Oncology

Dr. Matthew Witek, Assistant Professor, Radiation Oncology
Dr. Michael Bassetti, Assistant Professor, Radiation Oncology
Dr. Justine Bruce, Assistant Professor, Medical Oncology
Dr. Ticiana Leal, Assistant Professor, Medical Oncology
Dr. James Cleary, Associate Professor, Medical Oncology
Dr. Lindell Gentry, Professor, Radiology
Dr. Gregory Avey, Assistant Professor, Radiology
Dr. Tabassum Kennedy, Assistant Professor, Radiology
Dr. Ricardo Lloyd, Professor, Pathology
Nadine Connor, PhD, Professor, Otolaryngology - Head and Neck Surgery

Total Number of Positions Available per Year:

1

Duration

1 year

PROGRAM DESCRIPTION

Overview:

The mission of the head and neck oncology and microvascular surgery fellowship at the University of Wisconsin is to provide comprehensive and multidisciplinary training such that the graduating fellows may lead head and neck oncology programs in academic training centers or other venues while providing the highest quality of care.

This fellowship will stress the multidisciplinary management of head and neck malignancies with a primary clinical experience focused on head and neck oncologic resection and microvascular reconstruction. The fellow will also gain experience with transoral laser and robotic resection, transnasal endoscopic paranasal sinus and skull base resections, maxillofacial trauma surgery and open anterior skull base surgery. Our head and neck fellow will work with four experienced head and neck oncologic and microvascular surgeons with a typical free flap experience of greater than 100 flaps per year. The experience will offer both mentored and independent clinical responsibilities in both the operating room and outpatient clinic setting.

In addition to their work at the University Hospital, fellows will also play an integral role in the management of head and neck cancer patients at the William S. Middleton Veterans Affairs Hospital. This will include a half-day of clinic two to three times per month, as well as serving as the staff surgeon for operative cases. The fellow will work closely with the speech and swallowing therapists at the VA hospital addressing the needs of head and neck patients, and they will learn to perform tracheoesophageal punches, laryngeal biopsies, and transnasal esophagoscopy in the clinic.

The fellowship experience will be expanding starting in 2017 to allow the fellows to participate in a one-week rotation with the radiation oncology team, one-week rotation with the medical oncology team, one-week rotation with the neuroradiology team, and one-week rotation with the pathology team. This will only enhance the fellows' experience and interactions with the providers who currently participate in the Multi-Disciplinary Head & Neck Tumor Board.

Objectives:

The mission of the head and neck oncology and microvascular fellowship at the University of Wisconsin is to provide comprehensive and multidisciplinary training such that the graduating fellows may lead head and neck oncology programs in academic training centers or other venues while providing the highest quality of care.

Strengths:

We serve as the tertiary care referral center for much of the state of Wisconsin, and we have established relationships with many otolaryngologists in the northeast, southeast, central, south-central, and southwest portions of our state. Outside of Wisconsin, we serve the western Upper Peninsula of Michigan, and northern Illinois. Our head and neck oncology team has remained consistent for more than 20 years, allowing for the cultivation of mature relationships with referring physicians.

Our core team consists of 4 head and neck surgical oncologists, 3 head and neck radiation oncologists, and 2 head and neck medical oncologists. We routinely incorporate evaluations with other specialties, including speech and swallowing therapy, health psychiatry, addiction services, physical therapy, nutrition and social work.

We hold a weekly multidisciplinary head and neck tumor board, which also includes head and neck neuro-radiologists and surgical pathologist. The tumor board case list contains all patients with new or recurrent malignancies, and on average, 12-20 patients are presented each week. In addition to the weekly tumor board, we provide regular didactics and journal club discussions with a head and neck focus for our residents and fellows.

Eligibility:

Candidates of this position must be eligible/board certified by the American Board of Otolaryngology. Candidates must be able to secure a Wisconsin Medical License.

Duties and Responsibilities of Fellows:

The head and neck fellow helps manage the head and neck cancer patient population at the University Hospital under the supervision of Drs. Hartig, McCulloch, Glazer, and Wieland. This includes rounding on and managing head and neck patients in a post-operative period alongside the residency training program. The fellow also provides general support of resident patient management in a teaching environment.

In addition to responsibilities at the University Hospital, the fellow is also given clinical responsibilities at the William S. Middleton Memorial Veterans Hospital. The fellow will operate at the VA hospital in both outpatient and inpatient settings, round daily with residents and staff. They will typically staff a half-day clinic at the VA once every other week, supporting cancer care for the patients there. Fellows may also attend staff outreach clinics in a similar capacity as they do clinics at the University and VA Hospitals.

Research Opportunities:

This one-year fellowship has a strong clinical focus with numerous opportunities for clinical research projects. Fellows are encouraged to submit two manuscripts for publication during their year here at UW. The fellowship offers one half day per week for administrative, educational, and research activities.

Historically, our head and neck fellows have not had the time to engage in basic science research, though we do have active labs and resources for future fellows to involve themselves in this area. The fellows also have access to the Ebling Library, the biomedical and health sciences library of the University of Wisconsin School of Medicine and Public Health. The Ebling Library houses over 400,000 print volumes, and provides access to tens of thousands of medical ebooks, ejournals, and clinical databases.

We have a robust head and neck tumor database with more than 20 years of comprehensive entries, which is an IRB-approved prospective research database of patients treated for HNC at the University of Wisconsin Hospital and Clinics (UWHC). It includes almost 3,000 adult patients treated with radiation therapy, surgery, and/or drug therapy since 1990. The HNC database captures approximately 150 data collection items on each participant, including demographic information, alcohol and tobacco use history, diagnosis, pathology, treatment and outcomes of primary site and neck, side effects of treatment, complications of treatment, and follow-up status.

Supervision, Teaching and Call:

All fellows are given the position of Clinical Instructor within the Department of Surgery. In this role, the fellow is

expected to provide an appropriate level of training and guidance to Otolaryngology residents and medical students. Additionally, the fellow will take call, staff independent outreach clinics and VA clinics, maintain an independent surgical schedule, and fill an important role on the head and neck surgical team.

During this same interval, the fellow participates directly as surgeon with mentor guidance in both ablative and reconstructive procedures. Once the fellow has demonstrated proficiency, they function as junior faculty, taking residents through cases of increasing complexity as their skills and experience increase.

The fellow is expected to attend the weekly multi-disciplinary tumor board, and to assist with staff call for general otolaryngology in rotation with the attending doctors. The Head and Neck fellow does not participate in Pediatric or Facial Trauma call.

Past Fellows:

Aaron Wieland, MD (2010-2011) - Assistant Professor of Head and Neck Surgery at the University of Wisconsin, Director of the UW Multidisciplinary Facial Nerve and Facial Reanimation Clinic, and Chief of Otolaryngology at the W. Middleton VAMC.

Brad Mons, DO (2012-2013) - Head and Neck surgeon at Cancer Treatment Centers of America (CTCA) in Tulsa, Oklahoma, and founder and director of the microvascular program within the CTCA.

Jonathan Cohen, MD (2013-2014) - Palm Harbor, FL.

Cheryl Nocon, MD (2015-2016) - NorthShore University HealthSystem in Evanston, Illinois (an affiliate of the University of Chicago).

Vanderbilt University Medical Center

Program Director Name:

James Netterville MD

Program Director Institutional Title:

Executive Vice Chair, Department of Otolaryngology Associate Director, Bill Wilkerson Center for Otolaryngology and Communication Sciences Mark C. Smith Professor of Otolaryngology Director, Division of Head and Neck Surgical Oncology Vanderbilt University Medical Center

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Program Coordinator:

Joanne Merriam

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Department Chair:

Roland "Ron" Eavey MD

Faculty Involved with the Fellowship:

Young J. Kim, MD, PhD, FACS
Alexander Langerman, MD, SM, FACS
Kyle Mannion, MD, FACS
Sarah Rohde, MD, FACS
Robert Sinard, MD, FACS

Total Number of Positions Available per Year:

Duration

1 year

Position Type

Clinical

PROGRAM DESCRIPTION**Overview:**

The Vanderbilt University Medical Center Fellowship in Head and Neck Oncologic and Reconstructive Surgery provides advanced clinical training in head and neck oncology, microvascular construction, skull base surgery, thyroid and parathyroid surgery, and transoral robotic surgery (TORS).

Objectives:

Our fellowship/instructorship is a one year program designed to accomplish these major factors:

1. Increase proficiency in thyroid and parathyroid surgery and treatment.
2. Increase proficiency in cranial base surgery.
3. Increase proficiency in microvascular reconstructive surgery.
4. Increase proficiency in robotic surgery.
5. Increase proficiency in multimodality care of the head and neck oncologic patient.
6. Prepare the physician for an academic career in head and neck oncologic surgery.

Strengths:

Vanderbilt serves as the premier referral center for advanced head and neck cancer patients in the Southeast. Fellows gain extensive experience in the management of such patients. Our collaborative team-based approach gives the fellow the opportunity for close interaction with leaders in medical and radiation oncology, speech and swallow therapy, neurosurgery, and thoracic surgery. Fellows also gain experience handling the unique needs of the veteran population through our collaboration with the Veteran's Administration Hospital.

Finally, two medical mission trips to Africa (usually Uganda and Kenya) occur each year and each fellow participates in at least one of those trips.

Eligibility:

Candidate must complete residency in Otolaryngology, and be board certified or board eligible. Additionally, fellows must be able to:

(1) obtain an unrestricted Tennessee Medical License. At least one year of training in an AMA accredited program in the United States is required for International MD licensure in the state of Tennessee. Requirements for Tennessee Full Medical Licensure are available at <http://health.state.tn.us/boards/Me/applications.htm>

(2) obtain a Tennessee DEA. Information on requirements for DEA registration can be found at http://www.deadiversion.usdoj.gov/drugreg/reg_apps/index.html

and (3) provide proof of citizenship or Visa status (if applicable). Visa information (if applicable) should be provided with the application. Please note all of the requirements and be advised that we do not sponsor visas for fellows. The visa you would need to independently acquire must permit you to work and may not be a student

visa as this position requires teaching. For Visa information, please consult the US State Department website at http://travel.state.gov/visa/visa_1750.html

Duties and Responsibilities of Fellows:

Each fellow is expected to become proficient in all areas of head and neck extirpative and reconstructive surgery. The two fellows alternate their clinical responsibilities every two months. One rotation involves working primarily with Dr. Netterville and participating in all aspects of the care of his patients. This comprises a wide variety of malignant and non-malignant neoplasms of the upper aerodigestive tract, skull base, salivary glands, endocrine glands and neurovascular structures of the head and neck.

During the alternate rotation, the fellow works with Drs. Sinard, Rohde, and Mannion with a partial emphasis on microvascular reconstruction. On average the head and neck team performs 100-120 free tissue transfers yearly, which are split between the fellows. During the rest of the week the fellow on this rotation participates in a similar variety of head and neck cases with each of these three faculty members.

All fellows have appointments as Instructor within the medical center, which allows them to schedule their own cases and take call as an attending. While emergent cases may be staffed by the fellows, the standard that we have set is for this to be rare, so the fellow can focus on learning from the faculty.

Basic science research opportunities are available if requested by the Instructor/Fellow, including the possibility of extending the fellowship to two years.

Our standard one-year fellowship includes a weekly time allotment primarily for clinical research, of retrospective and prospective research, all of which is required to achieve IRB approval, and with the expectation that a publishable manuscript will result. Additionally, many opportunities for contributing to the literature in the form of book chapters, etc. are provided.

Our two-year fellowship comprises one year of clinical fellowship with the same expectations for productive clinical research as with the one-year fellowship, and a second year that is four-fifths basic science research in a dedicated laboratory and one-fifth clinical duties.

Research Opportunities:

Fellows work closely with all faculty and other involved head and neck staff to design and execute one or more research projects. A bi-weekly research meeting encourages joint work, and ad hoc meetings are scheduled as needed with team members. Opportunities are provided to collaborate with other members of the Otolaryngology, with all members of the multidisciplinary head and neck cancer team, and with members of Engineering through the Vanderbilt Institute for Surgery and Engineering. The final benchmark for this curriculum area is presentation at a national meeting and publication of peer-reviewed articles.

Supervision, Teaching and Call:

At any given time, the head and neck rotation includes a chief resident (PGY-5), two senior residents (PGY-4), one other resident (PGY-2) and one intern. Our head and neck fellows are integrated into this team to optimizing training for all involved. As soon as the surgical and clinical skills of the fellows are established with the faculty, they are expected to act in a supervisory role in the operating room to educate and guide residents (with the exception of free tissue transfer, where the fellow is expected to be the primary surgeon throughout the year). Clinical education of residents and medical students outside of the OR is a continual expectation of the fellows in the clinic, wards, and conferences and is stressed by all four faculty. All fellows are also required to deliver grand rounds once during their fellowship.

One day per week, the fellow is in charge of the head and neck service at the Veteran's Administration Hospital. On this rotation, the fellow is the primary educator and supervising surgeon.

Each fellow is on call one out of every six weekends on average, and serves as the attending on call during these periods.

Past Fellows:

John Coniglio, MD, 1990–1991
Frank Civantos, MD, 1991–1992
John Wanamaker, MD, 1992–1993
Bill Armstrong, MD, 1993–1994
Bob Sinard, MD, 1994–1995
Don Weed, MD, 1995–1996
Ted Teknos, MD, 1996–1997
Frank Miller, MD, 1997–1998
Chris Sullivan, MD, 1998–1999
Joe Sniezek, MD, 1999–2000
Alain Sabri, MD, 1999–2000
Mumtaz Khan, MD, 2000–2001
Garth Olson, MD, 2000–2001
Peter Hunt, MD, 2001–2002
Terry Johnson, MD, 2001–2002
Bill Magdytz, MD, 2001–2002
Rob Lorenz, MD, 2002–2003
Paul Van der Sloot, MD, 2002–2003
Derrick Lin, MD, 2003–2004
George Coppit, MD, 2003–2004
Cecelia Schmalbach, MD, 2004–2005
Scharukh Jalisi, MD, 2004–2005
Jason Hunt, MD, 2005–2006
Becky Massey, MD, 2005–2006
Chad Zender, MD, 2006–2007
Francis Ruggiero, MD, 2006–2007
Kyle Mannion, MD, 2007–2008
Nadir Ahmad, MD, 2007–2008
Freedom Johnson, MD, 2008–2009
Matthew Old, MD, 2008–2009
Sarah Rohde, MD, 2009–2010
Ronald Walker, MD, 2009–2010
Kelly Cunningham, MD, 2010–2011
Alexander Langerman, MD, 2010–2011
Christian Hasney, MD, 2011–2012
Clinton "Casey" Kuwada, MD, 2011–2012
Benjamin Johnston, MD, 2012–2013
Adam Luginbuhl, MD, 2012–2013
Eric Wirtz, MD, 2012–2014
Christopher Fundakowski, MD, 2013–2014
Kelly Groom, MD, 2013–2015
John Heaphy, MD, 2014–2015
Sunshine Dwojak, MD, 2015–2016
Michael Sim, MD, 2015–2016
Shethal Beareilly, MD, 2016–2017
Alice Tang, MD, 2016–2017
Justin Bond, MD, 2017–2018
Jo-lawrence Bigcas, MD, 2017–2018

Washington University School of Medicine

Program Director Name:

Jose P. Zevallos MD, MPH, FACS

Program Director Institutional Title:

Professor

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United States

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Department Chair:

Craig A Buchman MD, FACS

Faculty Involved with the Fellowship:

Jose P. Zevallos, MD, MPH - Dr. Zevallos serves as Division Chief of Head and Neck Surgery at Washington University and Director of the fellowship. He is a head and neck surgeon-scientist with extensive experience in head and neck surgical oncology and reconstructive techniques. He completed his residency at Baylor College of Medicine and a head and neck surgery fellowship with Dr. Mark Urken at Mt. Sinai Beth Israel Medical Center in New York City. In addition to his clinical practice, Dr. Zevallos is a federally-funded translational head and neck cancer researcher who has published extensively on the epidemiology of head and neck cancer. His supervisory

responsibilities include recruitment and selection of the fellow and design of the schedule. Daily observation and mentoring of the fellow's skill set and competency is incorporated. As the year progresses, Dr. Zevallos ensures that appropriate progress is being made in skill acquisition, advising the fellow on what aspects may need strengthening. Dr. Zevallos also tracks the number of procedures performed with or by the fellow to ensure he/she gains adequate experience as the year proceeds.

Ryan S. Jackson, MD - Dr. Jackson is an Assistant Professor of Otolaryngology in the Division of Head and Neck Surgery at Washington University School of Medicine. He has an undergraduate degree in nuclear medicine and completed his specialty training in Otolaryngology at the University of South Florida. He was recruited to the Otolaryngology faculty at Washington University after completing an Advanced Head and Neck Oncology and Reconstructive Surgery fellowship at Mayo Clinic in Rochester, MN. He has clinical expertise in head and neck oncology and robotic surgery and has been involved in clinical research projects on patients who have had transoral robotic surgery for oropharyngeal carcinoma. His clinical interests include transoral robotic surgery, minimally invasive surgery for oropharyngeal cancer, HPV positive oropharyngeal cancer, microvascular free tissue transfer reconstruction of major ablative head and neck defects, thyroid neoplasms, benign and malignant salivary gland neoplasms, benign and malignant head and neck tumors, osteoradionecrosis of the mandible.

Randal C. Paniello, MD, PhD, FACS - Dr. Paniello is an NIH-funded surgeon-scientist that practices both head and neck surgery and laryngology. He completed his otolaryngology residency at Washington University and his microvascular fellowship with Dr. Richard Hayden. In addition to the full range of traditional head and neck surgical procedures, he has expertise in open partial laryngectomies and performs them frequently. The head and neck fellows are also invited to participate in his complex laryngology cases, including tracheal resections with end-to-end anastomosis and laryngeal reinnervation procedures.

Patrik Pipkorn, MD - Dr. Pipkorn went to medical school and residency in Sweden. As part of his otolaryngology program, he spent a full year with Dr. Johannes Fagan focusing on head and neck cancer at the University of Cape Town, South Africa. After completion of two years of head and neck fellowships, the first one at University of California-Davis, Sacramento and the second one at Washington University in St Louis, he transitioned to faculty at our department. During his first year he pursued further training in a masters degree focusing on clinical investigation under the leadership of Dr. Jay Piccirillo. Dr. Pipkorn's research interests are within clinical outcomes. During the fellowship you will be working closely with Dr. Pipkorn who performs all aspects of head and neck oncologic surgery, including endoscopic and open skull base surgery, transoral laser surgery, as well as microvascular reconstruction. Having had an extensive exposure to multiple training programs and different countries and cultures, he brings a unique perspective to our program.

Jason T. Rich, MD, FACS - Dr. Jason Rich is a head and neck surgeon who performs both oncologic ablation as well as reconstructive surgeries for cancers of the head and neck. He received his medical degree at The Ohio State University and completed his residency training Otolaryngology at Washington University in St. Louis, Missouri. He then completed a head and neck surgery fellowship at the University of Toronto. Since then he has been faculty at Washington University in St. Louis. Dr. Rich performs all aspects of head and neck oncologic surgeries including transoral laser microsurgery. He performs a wide variety of reconstructive techniques that span from local flaps to microvascular free tissue transfer with a focus on tailoring reconstruction to each patient's specific needs and circumstances. He also has an interest in airway reconstruction. His research interests include geriatric head and neck risk stratification and improving long term surveillance and care for head and neck survivors.

Debra A. Gonzalez, MD - Dr. Debra Gonzalez joined the department in July 2015 where she serves full time as Chief of Otolaryngology at the John Cochran Veterans' Administration Medical Center and part time as Assistant Professor of Otolaryngology at Washington University. She received her M.D. from Cornell University Medical College in New York. She then completed a Laser Research Fellowship in Otolaryngology at Vanderbilt University Medical Center and fulfilled an Otolaryngology residency at the University of Vermont Medical Center. After residency, she completed a head and neck oncology and microvascular reconstructive surgery fellowship at the University of Iowa Hospital and Clinics, and joined the faculty at the University of Tennessee. Dr. Gonzalez was recruited to Washington University School of Medicine from Southern Illinois University School of Medicine where she was Assistant Professor after completing a laryngology fellowship at that institution. Dr. Gonzalez' scope of practice includes the full range of head and neck cancer ablative and reconstructive surgery in the oral cavity, pharynx and larynx including transoral laser resection and microvascular free flap reconstruction. She also enjoys thyroid and parathyroid surgery, endoscopic sinus surgery, microlaryngeal surgery and sleep surgery. We are fortunate to have her lead Otolaryngology at the St. Louis V.A. Medical Center.

Cristine Klatt-Cromwell, MD - Dr. Cristine Klatt-Cromwell, MD serves as a rhinologist and skull base surgeon. She completed residency at the University of North Carolina in Chapel Hill, and then completed the Advanced Rhinology, Oncology and Open/Endoscopic Skull Base Surgery Fellowship at the University of North Carolina in Chapel Hill under Dr. Adam Zanation. Her clinical work encompasses skull base tumors, sinonasal tumors, and minimally invasive head and neck tumor surgery. She also works extensively in rhinology doing functional rhinologic surgery, CSF leaks, and skin cancer surgery.

Hiram A. Gay, MD, Associate Professor of Radiation Oncology
Wade L. Thorstad, MD, Associate Professor of Radiation Oncology
Mackenzie Daly, MD, Assistant Professor of Radiation Oncology
Douglas R. Adkins, MD, Professor of Medicine, Division of Medical Oncology
Peter Oppelt, MD, Assistant Professor of Medicine, Division of Medical Oncology
Samir El-Mofty, DMD, MS, PhD, Professor of Pathology & Immunology
Rebecca Chernock, MD, Associate Professor of Pathology & Immunology

Total Number of Positions Available per Year:

2

Duration

1 year

Position Type

Clinical

PROGRAM DESCRIPTION

Overview:

The Fellowship in Head and Neck Surgical Oncology and Microvascular Reconstruction within the Department of Otolaryngology at Washington University is a longstanding feature of the educational curriculum offered within this academic medical center. Since 1984, 33 fellows have continuously occupied this position. Prior to this, the Department offered a Head and Neck Surgery fellowship, which concentrated mainly upon resectional techniques, under the direction of Dr. Joseph Ogura. Our intention is to carry on this strong legacy of surgical innovation within the multidisciplinary context of modern head and neck cancer care. The large majority of fellows have graduated from this program to faculty positions in other academic institutions, where they practice and teach the techniques they have learned. The fellowship takes place primarily at Barnes-Jewish Hospital. Rotations at the John Cochran V.A. Hospital are also possible, and provide the fellow with graduated autonomy in both head and neck cancer ablation and complex reconstruction.

Objectives:

- Diagnosis and office management/work up of patients with neoplastic (benign and malignant) diseases of the head and neck.
- Surgery for head and neck cancer and other benign tumors of the head and neck, transoral surgery, skull base surgery and reconstruction for defects of the head and neck with a special emphasis on microvascular free tissue transfer techniques.
- Post-operative management and rehabilitation of patients with head and neck oncologic conditions and reconstructions.
- Participation in Multidisciplinary Head and Neck Cancer Clinic.
- Participation in management of a multidisciplinary Head and Neck Oncology Tumor Board within an NCI Comprehensive Cancer Center.
- Multidisciplinary treatment planning and coordination with radiation oncology, medical oncology, other surgical-

medical services (i.e. thoracic surgery, neurosurgery, ophthalmology, dermatology, etc.), pathology, radiology, speech pathology and prosthodontics for patients with head and neck neoplastic diseases. This includes neoplastic diseases of the upper aerodigestive tract, skull base, thyroid gland, parathyroid glands, salivary glands and skin.

- Participation in presentation of a head and neck reconstructive core curriculum lecture program for residents and medical students.

Strengths:

The broad educational purpose of this fellowship program is directed to graduating fellows who develop and have superior proficiency in head and neck surgical oncology. An important strength of this program is exposure to the full depth and breadth of transoral techniques for upper aerodigestive tract malignancies, including both transoral laser microsurgery (TLM) and transoral robotic surgery (TORS). Additionally, our fellows graduate with an expert level of confidence with complex head and neck reconstruction and independent skills in microvascular free tissue transfer. Competence in choice and execution of flaps from all relevant donor sites for reconstruction of a full range of recipient sites is attained (free tissue transfer, regional flaps and local flaps). Another important feature of the fellowship is a broad experience in open and endoscopic skull base resection and reconstruction with two dedicated skull base surgeons within our group.

The fellow benefits from working within a strong multidisciplinary team, including dedicated radiation and medical oncologists, surgical pathologists, epidemiologists and neuroradiologists. In addition to a weekly tumor board, the fellow actively participates in the weekly head and neck multidisciplinary clinic. In this unique clinic patients are seen simultaneously by head and neck surgery, medical oncology and radiation oncology in order to facilitate treatment planning and multidisciplinary discussions.

Eligibility:

To be considered for the position, the candidate for the head and neck fellowship must have a degree in medicine, and completed and graduated from an accredited residency in Otolaryngology. Candidates should provide the preceptors of the fellowship with three letters of reference, at least two from faculty members of the training program of origin, one of whom is the program chairman. Preference is given to those applicants who have performed exceptionally in their residency program and excelled in the six core competencies. We place an emphasis on 1) a high level of technical proficiency, 2) a keen interest in academic otolaryngology as a future career and 3) a strong track record in teaching and working well with other trainees and faculty. Salary is commensurate with PGY level.

Duties and Responsibilities of Fellows:

Clinical responsibilities are divided amongst 6 head and neck surgeons and 2 endoscopic skull base surgeons. These clinical responsibilities are divided between the clinic, the operating room and postoperative care. In a typical week, the fellow's time is divided by approximately 1.5 days per week in the clinic, 3 days in the operating room and 0.5 days for research. The fellow evaluates and manages patients with advanced head and neck oncologic conditions, including those undergoing transoral surgeries (transoral laser microsurgery or transoral robotic), open partial laryngectomies, surgery for paragangliomas, surgery for skull base malignancies (endoscopic and open), and complex reconstructive surgeries requiring free tissue transfer. All clinical care is done in close collaboration with the otolaryngology residents and under the supervision of the faculty. The fellow has an Instructor position with the medical school and is expected to function at this level. As such, for other head and neck cases, including laryngectomies, thyroidectomies, parotidectomies, neck dissections and sentinel lymph node biopsies, etc.), the fellow supervises the work of the residents and takes more of a teaching physician role, particularly in the operating room.

Research Opportunities:

The fellow is required to formally allocate approximately 10% of his/her time to research. This involves designing a research project, acquisition and analysis of data. A large tissue repository is available for molecular/translational research projects within an established laboratory. For clinical research, data is acquired from epidemiologic databases or patient charts. There are significant options available for research projects, with

an impressive infrastructure within the department and institution for support. One written abstract/manuscript is expected to be submitted for either a peer-reviewed scientific program or for publication in a peer-reviewed journal. Projects undertaken by fellows have included detailed measurements of flap dimensions for precise planning of head and neck reconstructions, analysis of how preoperative variables correlate with postoperative outcomes, and defining quality metrics for patients undergoing surgery for head and neck malignancies. Data analysis and outcomes of transoral laser microsurgery cases has produced several publications and data is collected on a regular basis for future studies.

Supervision, Teaching and Call:

The fellow works in a teaching and supervisory role to the otolaryngology residents. He/she provides oversight and support to the residents in pre-operative, operative, and post-operative care of the head and neck patient, including regular ward rounds with the residents. During resident-level operative procedures, the fellow acts in a teaching surgeon role to the residents and helps them develop their technical skills. The fellow is also available to provide assistance and supervision to residents for inpatient consultations.

The fellows are required to take department otolaryngology call 1 weekday per month, and 1 weekend approximately every 4 months. This is equitable with the call responsibilities with the other faculty members in the department. The fellows also take call for the patients that they directly take part in surgical or non-surgical management of their neoplastic disease.

Wayne State University

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Syed Naweed Raza MD, FRCSC

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Department Chair:

Ho-Sheng Lin MD

Faculty Involved with the Fellowship:

S. Naweed Raza, MD, FRCSC, - Head & Neck and Microvascular Surgeon;
George H. Yoo, MD, Surgeon - Head & Neck Surgeon;
Ho-Sheng Lin, MD, Surgeon - Head & Neck Surgeon;
Michael Carron, MD, Surgeon - Facial Plastics & Reconstructive Surgeon;
Jeffrey Hotaling, MD, Surgeon - Head & Neck and Microvascular Surgeon;
Adam Folbe, MD, Surgeon - Minimally Invasive Endoscopic Skull Base Surgeon;
Sandeep Mittal, MD, FRCSC, FACS - Neurosurgery;

Christopher Cheyer, MD - Oculoplastics;
Julie Samantray, MD - Endocrinology;
Ammar Sukari, MD - Hematology Oncology;
Amy Weise, DO - Hematology Oncology;
Harold Kim, MD - Radiation Oncology;
Wael A Sakr, MD - Pathology;
Fulvio Lonardo, MD - Pathology;
Natasha Robinette, MD - Radiology;
Alit Amit-Yousif, MD - Radiology;
Hussein Aoun, MD - Radiology;
Lynne Moseley, DDS - Dental Oncology;
Mark Marunick, DDS, MS - Prosthodontics;
Mark Simpson, PhD - Speech Language Pathology;
Andrew Fribley, PhD - Research

Total Number of Positions Available per Year:

one

Duration

one year or two years

Position Type

Combined clinical and research

PROGRAM DESCRIPTION

Overview:

The Head and Neck Fellowship at Wayne State University was established in 1994. Although the program prefers a 2 year applicant, a 1 year experience is also offered. The program is clinically based at the Karmanos Cancer Institute. This is one of the first designated comprehensive centers in the National Cancer Institute program. It was so designated comprehensive in 1978. The institute supports over 200 physician scientists, 300 researchers, 4 research programs and 9 core facilities. Thirteen oncology multidisciplinary medical teams treat more than 6,000 new patients annually, of which roughly 400-500 are head and neck cancer patients. The Karmanos Cancer Institute operates as a free-standing cancer-only inpatient hospital with 123 beds. This is the only free-standing cancer hospital in the State of Michigan. Roughly 4,000 patients a year are placed in clinical trials.

Objectives:

Goals are to provide advanced training in head and neck oncology and microvascular reconstructive surgery. This includes not only patient management, but also appreciation of the research foundation upon which the specialty exists. The surgical experience will include exposure to all current techniques including microvascular and endoscopic skull base resection, trans oral robotic/microlaryngeal surgery, and endocrine surgery. Familiarity with medical oncology, radiation therapy, and rehabilitation techniques will also be provided.

This program is directed toward the development of future academic leaders in the field. In addition to instruction in the latest techniques in the management of the head and neck cancer patient, an appreciation of the research foundation upon which future developments depend will be established.

Strengths:

There are strong interdisciplinary clinical activities between members of Radiation Oncology, Medical Oncology,

Thoracic Surgery, Neurological Surgery, Endocrinology and Dermatology. The fellow will have an opportunity to be trained in all aspects of head and neck cancer management including endoscopic skull base resections, minimally invasive surgical procedures, robotic surgery, craniofacial reconstruction, and a diverse array of microvascular reconstructive techniques. In addition, the fellow will have exposure to all aspects of drug development from phase I to phase III trials. There is a long-standing interest in rehabilitation of the head and neck cancer patient with funded research for the interested fellow to participate in. Clinical time with Medical Oncology and Radiation Oncology is also offered.

The fellow will play an important role in teaching and training residents in the management of head and neck cancer patients both clinically and surgically. The fellow will serve as an Associate Director to Courses in Advanced Surgical Dissection in Head & Neck Oncology and Craniofacial Reconstruction, which involve fresh cadaveric dissections several times throughout the year.

Eligibility:

The fellow must be board-certified or board eligible in Otolaryngology, General Surgery or Plastic Surgery. International applications are welcomed. Competitive international applicants are usually already serving as junior faculty at their academic institutions.

There is one fellowship position available per year. At the time of selection the applicant will indicate whether they wish a one-year (PGY-6) or two-year (PGY-7) experience. Two-year applicants generally have an interest and background training consistent with conducting a basic science project(s). Occasionally they may desire a more intense clinical exposure to head and neck oncology rather than block research time. All fellows are anticipated to publish either a clinical research or basic science research depending upon their particular background and desires.

Duties and Responsibilities of Fellows:

Surgical:

You will be required to participate in all major head and neck oncologic surgeries and microvascular reconstructive cases. If you have interest in getting credentialed in transoral robotic surgery, you will be required to participate in a large number of cases here also.

You are encouraged to work with all of the head and neck surgeons on faculty. There are also opportunities to work with one of the anterior skull base surgeons should there be a desire to do so, as well as some of our other reconstructive surgeons.

Inpatient Activities:

You will be responsible to round on inpatients and will serve as a resource to the residents for our head and neck cancer patients.

Outpatient Activities:

You will not be responsible for your own outpatient office. Instead, you will participate in the existing outpatient clinics with the faculty.

External Rotations:

Rotation experience will be provided in medical oncology, radiation oncology and endocrinology as desired. There is no time spent at the VA Hospital.

Research Opportunities:

It is anticipated that the fellow will develop and publish clinical manuscripts. For those fellows who are interested and have the appropriate background in the basic sciences, opportunities are available in a wide variety of fields. Block time is available dependent upon the interests and type of project selected. There is an opportunity for mentorship outside of the department, once again depending upon the fellow's interests and background. It is anticipated that the fellow will present at the annual department research day held in the spring of each year. All past fellows have presented their work nationally and internationally in addition. The fellow will also participate in the quarterly research protocol meetings. At these meetings the status of ongoing trials are reviewed, and new

potential trials are presented for approval and prioritization by the group.

In the past one successful graduate of the program actually published 8 manuscripts over two years. That individual now is a department chairman in his home country.

Supervision, Teaching and Call:

Supervision: The participant is evaluated every 6 months following completion of forms by the program faculty. The participant meets with the program director for a one-on-one conference. During this conference the participant is given an opportunity to critique the program. Current performance as judged by the program faculty is reviewed with the participant. Goals for the next 6 month time period are then set. Every twelve months there is a blinded evaluation submitted by the participant to The American Joint Council.

Teaching: The fellow will function as a junior faculty member in this role. There will be active interaction with the medical students and residents. He/she will have a major role in the Wednesday morning combined modality clinic. In addition to case presentations, the fellow will participate by presenting didactic material during this and other departmental conferences. It is anticipated that the fellow in the operating room will function as a junior attending "taking" a resident through the case where appropriate.

The fellow will also be appointed as the Associate Director for fresh cadaveric courses in Advanced Head and Neck and Craniofacial Surgical Techniques. These courses occur periodically during the year and are organized by Dr. Raza and include free flap harvest techniques.

Call: The fellow does not participate on the call schedule with the house staff. It is, however, anticipated that he/she will be available for emergency procedures in the head and neck cancer population.

Past Fellows:

Ileana Showalter, MD; 2002-2004

Ozlem E. Tulunay-Ugur, MD; 2004-2006

Lucio Pereira, MD; 2006-2008

Shamit Chopra, MD; 2008-2010

Ozan Ozgursoy, MD; 2010-2011

Antoine Melkane MD, MSc; 2011-2013

Mrinal Supriya, MD; 2013-2014

Madana Jeevanandam, MD; 2014-2015

Ibrahim Bawab, MD; 2015-2017