American Head and Neck Society
Endocrine Fellowship Programs
2018

Augusta University (1 position) page 2
Johns Hopkins University (1 position) page 4
MA Eye & Ear Infirmary/Harvard (1 position) page 6
Penn State Hershey Medical Center (1 position) page 10

For fellowship match information and application, please go to the American Head and Neck Society website at www.ahns.info or contact JJ Jackman at the American Head & Neck Society - jj@ahns.info
Augusta University

Program Director: David J. Terris, M.D., F.A.C.S.
Address: Augusta University
Department of Otolaryngology
1120 15th St BP-4109
Augusta, GA 30912

Phone: (706) 721-6100       Fax: (706) 721-0112
Email: dterris@augusta.edu       Website: http://www.augusta.edu/mcg/otolaryngology/

Chairman of Department: Stilianos E. Kountakis, MD, PhD

Faculty Involved with the Fellowship:
David J. Terris, M.D.       Jimmy J. Brown, D.D.S., M.D.
Edward Chin, M.D.           Rene Harper, M.D.
Anthony L. Mulloy, Ph.D., D.O.       Darko Pucar, M.D.
Laura Mulloy, D.O.            Gregory Postma, M.D.
Kenneth Byrd, M.D.           Bridget Sinnott, D.O.

Total Number of Positions Available per Year: One position per year

PROGRAM DESCRIPTION:

History and Overview
Augusta University has a rich tradition of world-class endocrine surgery. In 2004 the Augusta University Thyroid/Parathyroid Center was inaugurated, representing a collaborative effort between Otolaryngology, Endocrinology, and Nuclear Medicine. Augusta University has quickly moved to the forefront of academic health centers in pioneering new surgical techniques and perfecting old ones. These include robotic thyroidectomy, endoscopic thyroid and parathyroid surgery, and outpatient endocrine surgery. Some of the technologies that are utilized include ultrasound, laryngeal nerve monitoring, rapid intraoperative PTH, and the daVinci robot.

Duration
The endocrine surgery fellowship is a one-year fellowship (start date of July 1st).

Prerequisite Training/Selection Criteria
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.

Goals and Objectives of Training
The fellowship provides comprehensive training in the diagnosis and medical and surgical management of thyroid and parathyroid diseases, with particular emphasis on minimally invasive and function-sparing techniques. Specific surgical techniques that are included in the program are conventional, minimally invasive, endoscopic and robotic thyroidectomy, conventional and endoscopic parathyroidectomy, laryngeal nerve monitoring and selective neck dissections. There is substantial exposure to ultrasound and ultrasound-guided fine needle aspiration biopsies.
Program Certifications
The endocrine head and neck surgery fellowship is one of only 3 accredited by the American Head and Neck Society and is affiliated with the Augusta University Otolaryngology residency program.

Facilities
The fellow spends time in three hospitals:
- a. Augusta University Medical Center - a 520-bed teaching hospital
- b. Children’s Hospital of Georgia - a 149-bed, nationally acclaimed children’s hospital.
- c. Veterans Administration Medical Center - a 155-bed hospital adjacent to Augusta University.

Educational Program
1. Clinical - The fellow participates in all aspects of the endocrine program. The schedule consists of two half-day endocrine surgical clinics per week, one half-day per week with the endocrinologists, 3 operating room days per week, and a half day at a satellite office. Exposure to ultrasound techniques occurs throughout the outpatient experience. The fellow participates in the faculty call rotation (approximately 1 week in 10).
2. Research – There are numerous opportunities for clinical research in the areas of minimally invasive surgery, endoscopic and robotic thyroid surgery, management of thyroid cancer, and novel techniques for the diagnosis and management of patients with endocrine diseases. Basic science investigation centers on biomarker discovery and thyroid and parathyroid proteomics.
3. Procedural expectations – The following approximate procedural volumes are performed during the fellowship: thyroidectomy: 250; parathyroidectomy: 150; neck dissection: 50; ultrasounds: 300.

Evaluations:
The fellow is evaluated on the core competencies. In addition, there is regular feedback and mentorship provided throughout the fellowship period. The fellow also provides written feedback regarding the fellowship faculty and the entire program.

Strengths:
The fellowship provides one of the broadest experiences in endocrine surgery available. Fellows receive advanced training in cutting edge techniques such as endoscopic and minimally invasive surgery and state-of-the-art care of primary and renal hyperparathyroidism within a fast-paced academic environment in which most fellows produce 6 to 8 publications.

Careers of former fellows:
- 2007 Susan Smith, D.O., Assistant Professor, Oklahoma State University
- 2008 Lana Jackson, M.D., Chief of Head and Neck, University of Mississippi
- 2009 Brent Metts, M.D., Ph.D., private practice in Texas
- 2010 Melanie Seybt, M.D., Assistant Professor, Augusta University, then private practice in SC
- 2011-2012 Michael Singer, M.D., Assistant Professor, Henry Ford Health System
- 2013 William Duke, M.D., Assistant Professor, Augusta University, then private practice in Tacoma, Washington
- 2014 Katrina Chaung, M.D., private practice in Texas
- 2015 Steven Bomeli, M.D., private practice in Atlanta, GA
- 2016 Jonathan Dell, M.D., private practice in Minneapolis, MN
Johns Hopkins University School of Medicine
Head and Neck Endocrine Surgery Fellowship

Program Director: Ralph P. Tufano, MD, MBA, FACS
Johns Hopkins University School of Medicine
Charles W. Cummings MD Endowed Professor
Director, Division of Head and Neck Endocrine Surgery
Department of Otolaryngology- Head and Neck Surgery

Program Co-Director: David Eisele, MD FACS

Address: 601 N. Caroline St. Suite 6242
Baltimore, MD 21287
Phone: 410-955-3628
Fax: 410-955-0035

Program Director Email: rtufano1@jhmi.edu
Co-Director Email: http://goo.gl/JIF1SK

Website: http://goo.gl/JIF1SK
Chairman of Department: David W. Eisele, MD

Faculty Involved with the Fellowship:
Ralph P. Tufano, MD, MBA (Fellowship Director)
David W. Eisele, MD FACS (Co-Director)
Jon Russell, MD
Martha A. Zeiger, MD
Jason D. Prescott, MD, PhD
Carole Fakhry, MD, MPH
Aarti Mathur, MD

Total Number of Positions Available: One (1) position per year

PROGRAM DESCRIPTION:

Overview:
The Johns Hopkins Head and Neck Endocrine Surgery Division was established in 2009. 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. This allowed the establishment of a collaborative, collegial and productive clinical, educational, and research program. The program is designed to provide advanced clinical training in thyroid and parathyroid surgery. The Head and Neck Endocrine Surgery Fellowship was established in 2012. 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.

Strengths:
The program is composed of a team of world renowned specialists who have integrated their respective expertise into a multidisciplinary team. The strengths of our fellowship program are the abundance of endocrine surgical volume and the collegial, collaborative environment. There are a wide variety of clinical and translational research opportunities. The fellow obtains surgical experience with both Otolaryngology and General Surgery disciplines. The fellow has the opportunity to attend/participate in
monthly 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 departments.

Objectives:
The one-year fellowship is designed to provide 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 approach to care. The program also offers extensive research opportunities which will support the development of those candidates planning an academic career.

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 Trainees:
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 management of the thyroid and parathyroid patients. The fellow evaluates, plans, and implements treatment plans for outpatient clinic patients individually for their own clinic, as well as, under faculty supervision. Exposure to ultrasound techniques occurs throughout the outpatient experience. At the end of the fellowship, the fellow is trained to make independent decisions and manage thyroid and parathyroid diseases independently.

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. 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.

Supervision, Teaching and Call:
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. The Fellow is responsible to teach 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.
Massachusetts Eye and Ear infirmary/ Harvard University  
Head and Neck Endocrine- Thyroid and Parathyroid Fellowship

Program Director: Gregory W. Randolph, MD FACS FACE  
Director, General Otolaryngology  
Director, Division of Thyroid and Parathyroid Surgery  
Massachusetts Eye and Ear Infirmary  
Harvard Medical School, Boston, MA  
Claire and John Bertucci Endowed Chair in Thyroid Surgical Oncology,  
Harvard Medical School

Address:  
243 Charles St. Boston, MA 01803

Phone: 617-573-4115  
Fax: 617-573-3914  
Email: gregory_randolph@meei.harvard.edu  
Website: www.masseyeandear.org/education/otolaryngology/fellowship-program/fellow-in-thy-and-parathy

Chairman of Department: Dr. D. 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: One position per year

PROGRAM DESCRIPTION:

Background and 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.

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 multidisciplinary 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.

Program Certifications:
The MEEI endocrine head and neck surgery fellowship is one of the only 4 accredited by the American Head and Neck Society and is affiliated with the Harvard University Otolaryngology residency program.

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.

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 Trainees:
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.

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

Careers of former 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 Otology and Laryngology, Harvard Medical School
2014 Niranjan 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
Penn State Milton S. Hershey Medical Center Head and Neck Endocrine Surgery Fellowship

Program Director: David Goldenberg, MD, FACS
Professor of Surgery and Medicine
Chief, Division of Otolaryngology – Head and Neck Surgery
Assoc Director of Surgical Services- Penn State Cancer Institute
Department of Surgery
MC H091
500 University Drive
Hershey, PA 17033
P: 717-531-8946
F: 717-531-6160
Email: dgoldenberg@hmc.psu.edu

Associate Program Director: Brian Saunders, MD, FACS
Associate Professor of Surgery and Medicine
Director of Undergraduate Surgical Education
Section of Endocrine Surgery
MC H149
500 University Drive
Hershey, PA 17033
P: 717-531-5272
F: 717-531-0884
Email: bsaunders@hmc.psu.edu

Chair of Department: Peter Dillon, MD

Faculty Involved with the Fellowship:
David Goldenberg, MD
Brian Saunders, MD
Melissa Boltz, DO, MBA

Total Number of Positions Available per Year: 1 (duration of 1 year)

PROGRAM DESCRIPTION:

Overview:
The Penn State College of Medicine and the Penn State Milton S. Hershey has had a focus and strength in clinical and academic endocrine surgery since its inception in the late 1960s. The multidisciplinary care for patients with head and neck endocrine surgical diseases has grown up and prospered from clinicians and investigators who are trained through both otolaryngology and general surgery. The head and neck endocrine surgical services perform a high volume of routine, complex, and re-operative thyroid and parathyroid surgeries. Excellent patient outcomes at Penn State result from the highest quality surgical care, and the well-integrated multidisciplinary care afforded to each patient. Close clinical collaboration and educational opportunities exist with adult and pediatric endocrinology, a myriad of other surgical specialists, radiologists, nuclear medicine physicians, head and neck endocrine pathologists, and cancer
geneticists. Robust scholarly investigations into the molecular pathogenesis of thyroid cancer, health economics of thyroid and parathyroid surgical care, and endocrine surgical quality and outcomes abound.

**Funding:** The fellowship is fully funded by the institution, and with an academic rank of Instructor in Surgery, for one year.

**Program Certification:** This endocrine head and neck surgery fellowship is one of only three accredited by the American Head and Neck Society, and is affiliated with the Penn State Hershey Medical Center Otolaryngology and General Surgery residency programs. This program was accredited in 2015.

**Strengths:**
The unique strength of the cutting edge and high volume head and neck endocrine surgery program at Penn State is the true collaborative nature of the excellent patient care offered. The Penn State Head and Neck Endocrine Surgery Fellow will benefit from teaching using the best principles and methods from both otolaryngology and general surgery. This combination will allow the development of future academic leaders in thyroid and parathyroid surgery.

**Objectives:**
By the completion of the one year Penn State Head and Neck endocrine surgery fellowship, the successful candidate will have mastered the critical thinking and technical skills necessary for the evaluation and surgical management of both benign and malignant, functional and nonfunctional, thyroid and parathyroid disorders. Further, the graduating fellow will have acquired the research skills to pose, investigate and disseminate the answer to at least one previously unanswered question in head and neck endocrine surgical management.

**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. In some cases IMG will be considered.

**Duties and Responsibilities of Trainees; Supervision Teaching and Call:**
**Fellowship Mission Area:**
1. *Clinical* – The fellow will evaluate adult and pediatric patients with diagnosed, suspected, or established thyroid and parathyroid disease. The fellow will be responsible for determining diagnostic plans, and working alongside fellowship faculty, with the goal of independence in decision making for these patients. The fellow will see patients in clinics with the fellowship faculty, and in her or his own clinic. In-office, surgeon-performed ultrasound for thyroid nodule characterization, cervical lymph node mapping, and parathyroid localization will be a routine part of ambulatory visits. Facility with ultrasound-guided fine needle aspiration will be gained. It is the expectation that the fellow will perform roughly 150 neck ultrasound examinations and 50 FNAs. Opportunities will exist to rotate as well with endocrinology and radiology (diagnostic, nuclear medicine, and biopsy services). The fellow will participate weekly in the operative care of thyroid and parathyroid cases with the fellowship faculty. With demonstration of technical competence, the fellow will operate as primary surgeon with a resident surgeon, always with fellowship faculty immediately available. It is the expectation that the annual operative case load for the fellow will be between 200 and
250 cases. The fellow will direct in-patient care of endocrine surgical patients. The fellow will participate in and rotate with otolaryngology or general surgery faculty for call responsibility. In-house resident support and fellowship faculty backup is uniformly available.

2. **Research** – Scholarly work is required during this fellowship. The research experience will be tailored to the fellow’s interest, and may include basic science opportunities or outcomes research, to name just two areas. One-half to one full day a week will be protected for academic time. It is expected that the successful fellow candidate will publish at least one manuscript during the fellowship year. Presentation (with departmental funded travel) at one national meeting is expected.

3. **Teaching** – The fellow will help to run the in-patient endocrine surgical (through otolaryngology and general surgery) teams. The fellow will supervise and teach the otolaryngology and general surgery house officers, and the Penn State College of Medicine students. The fellow will provide feedback and electronic evaluations of these residents and students. The fellow will participate as a learner and presenter at numerous conferences including, but not limited to: head and neck oncology tumor board, medical/surgical endocrinology case conference, general surgery and otolaryngology M&Ms, Department of Surgery grand rounds, monthly meeting of the program for inherited endocrinopathies, and monthly meeting of thyroid cancer unit.

**Evaluations:**
The fellow will have regularly scheduled mentoring meetings with the fellowship faculty. The fellow will be evaluated using electronic forms measuring progress in core competencies. Written and verbal formative feedback will be provided regularly to the fellow. Case logs will be kept by the fellow and reviewed regularly to ensure adequate exposure and growth as an independent surgeon. The fellow will provide feedback as well on the fellowship program and faculty.