

University/City	The University of Texas MD Anderson Cancer Center, Houston, Texas
Duration of the Fellowship and Funding	1 year (additional optional research year possible) 2 positions total (one position with general surgery or surgical oncology background training and one position from otolaryngology background training)
Program Director and Contact Person (including e-mail address)	<p><b>Fellowship Program Director:</b> Nancy D. Perrier, MD, FACS The University of Texas MD Anderson Cancer Center Department of Surgical Oncology, Unit 1484 Houston, TX 77030-1402 Telephone: (713) 794-1345; Fax: (713) 563-5727 E-mail: <a href="mailto:nperrier@mdanderson.org">nperrier@mdanderson.org</a></p> <p><b>Fellowship Program Coordinator:</b> E. Sue Ray Telephone: (713) 792-0015 Fax: (713) 563-5727 E-mail: <a href="mailto:esray@mdanderson.org">esray@mdanderson.org</a></p>
Objectives of the Program	The mission of the 1-year Surgical Endocrinology fellowship program is to provide training through three primary modalities: 1) graded clinical exposure under the supervision of experienced and highly qualified faculty in the operating room and the outpatient clinic; 2) organized weekly multidisciplinary conferences that offer education on clinical endocrinologic issues; 3) a 5-6 month clinical experience in nonsurgical areas that specifically pertains to surgical endocrinology under the direction of dedicated faculty with a clinical and career interest in endocrine disorders. Upon completion, the fellow will understand the evaluation, surgical treatment, operative approach, surveillance and genetics of endocrine tumors and disorders. Particular attention will be placed on trials and protocols that assess treatment of the parathyroid, adrenal, thyroid glands, and neuroendocrine pancreas. Finishing fellows will understand and possess competence in techniques for both minimally invasive and open endocrine surgery.
Highlights of the Fellowship (including number of cases and a brief description of the overall program)	<p>Fellows will have broad exposure to multiple endocrine neoplasias and will participate in several separate weekly multidisciplinary conferences with themes such as advanced thyroid, general endocrine neoplasia, parathyroid and adrenal diseases, genetics, neuroendocrine pancreas and carcinoid.</p> <p>The fellowship is designed to provide a solid foundation for a career in academic endocrine surgery. It is a collaborative program with the Department of Head and Neck Surgery at MD Anderson. The Endocrine Surgery Fellowship includes one position per year from the Department of Surgical Oncology (for surgeons with general surgery training) paired with one position per year from the Department of Head/Neck Surgery (for surgeons with ENT head and neck surgery training). The Endocrine Surgery Fellowship is designed to provide a solid foundation for a career in academic endocrine surgery and includes one position per year in the Department of Surgical Oncology (for surgeons with general surgery training) and one position per year in Head and Neck Surgery (for surgeons with ENT training). Candidates must have completed at least 1 year of advanced surgical oncology training beyond residency and must be board eligible in general surgery.</p> <p>In addition to the Surgical Endocrinology Fellowship program director, the Surgical Oncology Fellowship program director and the Head and Neck Surgery Fellowship program director will be included in the selection process. This unique Surgical Endocrinology Fellowship is distinctly separate from both the standard General Surgical Oncology Fellowship and Head and Neck Surgery Fellowship programs.</p> <p>Each department (Surgical Oncology and Head and Neck Surgery) will have the option (but not the obligation) to rank an individual from its own specialty. The Head and Neck Surgery track will not participate in managing the treatment of abdominal endocrine patients. Slightly more than percent of the fellow's clinical experience will be surgical. The fellow will spend 4-5 months with the dedicated endocrine surgeons in the Department of Surgical Oncology. Advanced surgical techniques, particularly retroperitoneal and laparoscopic adrenalectomy and minimally invasive parathyroidectomy, will be part of the surgical curriculum. The fellow will spend 1 month with the Department of Head and Neck Surgery faculty performing complex dissections for advanced thyroid tumors and reoperative cervical procedures. The remaining 40-50% of the fellow's clinical experience will be in nonsurgical departments and specialty groups with faculty dedicated to endocrine diseases, including Endocrine Neoplasia and Hormonal Disorders, Pathology, Neuroendocrine Gastrointestinal Oncology (carcinoid and adrenocortical carcinoma), Radiology (including Nuclear Medicine), Laboratory Medicine, Voice Pathology, and Genetic Counseling. Evaluation of carcinoids, phase I medical oncology trials, video stroboscopy, FNA and thyroid cytology and radioactive iodine use will be encompassed. <u>Number of Cases:</u> We anticipate that more than 140 cases will be performed during the fellowship. The majority of the practice will consist of surgical management of thyroid, parathyroid, adrenal, and neuroendocrine disease and multiple endocrine neoplasia. The Multidisciplinary Endocrine Center will serve as the major venue for high-volume multidisciplinary patient care. In-depth pre- and postoperative management will be emphasized. The fellow will work with the surgical endocrinology team, which consists of data analysts, research coordinators, and nurses. The program emphasizes training future leaders in endocrine surgery. Writing protocols and preparing manuscripts, grants, trials, and presentations will be an essential component. Attendance at national and international endocrine surgery meetings will be supported. The option for additional time in basic science research is available.</p>
List of Previous Fellows from this Program	All prior fellows have taken faculty positions at academic institutions. The initial clinical fellow has joined the MD Anderson faculty as a full-time endocrine surgeon.