Research
The Department of Urology at the University of Texas Health Science Center in San Antonio has a tradition of excellence in research. Our focus is in understanding disease processes to optimize prevention and treatment opportunities. It is our goal to have a vision of dramatic improvements in understanding, preventing, and treating disease to substantially improve the quality of health in Urologic Disease.

Our primary foci include Urologic Cancers, Minimally-invasive Surgery, Urinary Incontinence, Female Urology, Sexual Function, Stone Disease, and Pediatric Urology.

Our laboratory efforts include researchers in Genetics, Pathology, Cell Signaling and Molecular Biology, Epidemiology, Prevention, Biostatistics, and Nutrition, just to name a few.

The Department of Urology has several assigned and a number of collaborating laboratories. Two laboratories are located above the Department on the 5th floor. The primary bench research conducted by Department is performed in the laboratories of the Department of Cellular and Structural Biology across from the Urology 5th floor laboratories. The Department of Urology has partnered with Cellular and Structural Biology to purchase a variety of pieces of equipment to establish a state-of-the-art genetics and cell biology laboratory. Members primarily use these laboratories due to the senior mentorship of Dr. Robin Leach as well as the support technicians who are present.

Resident Research - Expectations
Each resident will be responsible for successful completion of at least one major research project (basic science and/or clinical) during the residency. To accomplish this, each resident will pick a research mentor from the clinical or basic science research faculty no later than the end of the PGY-1 year. During the U-1 year the resident will develop the research thesis, design the protocol and begin to work out the details of getting the study underway: funding, lab space if needed, IRB/Research Committee approval, etc. By the beginning of the U-2 year, the resident should be starting the project and with the assistance of the research mentor, provide quarterly progress reports to the Program Director indicating progress on the projects. By the end of the U-3 year, the project should be at or near completion with the expectation that one or more publications based upon the results will be submitted to peer-reviewed journals. Submission of at least 1 manuscript will be required to progress to the U-4 year. Abstract submission and presentation at a major regional or national meeting is encouraged but not in and of itself sufficient to replace manuscript submission. At least 1 publication is required to graduate from the program.
DEPARTMENT OF UROLOGY
RESIDENT RESEARCH PROGRESS FORM

Resident Name: ____________________________ Date: ____________

PGY-1 Start Date: ______________

U-4 completion date: ____________________

Basic Science Research Mentor: ______________________________

Clinical Research Mentor: ______________________________

Research Title and Brief Description: ______________________________

U-1 Year: Research Idea Completed (IRB, Funding, Lab, etc.)

Mentor Signature: ______________________________

Date: ______________

Resident Signature: ______________________________

Date: ______________

U-2 Year: Research Initiated

Mentor Signature: ______________________________

Date: ______________

Resident Signature: ______________________________

Date: ______________

U-3 Year: Research Project Update: In Progress Completed Meeting Abstract Publication

Mentor Signature: ______________________________

Date: ______________ Resident Signature: ______________________________

Date: ______________

U-4 Year: Research Project Update: Completed Meeting Abstract Publication

Mentor Signature: ______________________________

Date: ______________ Resident Signature: ______________________________

Date: ______________