

RESEARCH AND QUALITY IMPROVEMENT

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 several collaborating laboratories. Laboratories are located above the Department in the Medical School on the 5th floor and in the newly completed South Texas Research Facility (Rm 233-237) on campus. 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.

Quality Improvement and Patient Safety

Patient safety issues are paramount in our endeavors to assure the best patient care and outcomes. To that end, residents are expected to participate in RCA's at UH and the VA as well as develop and participate in quality improvement projects. A special QI conference has been developed on the 5th Fridays to help disseminate and coordinate these project ideas.

Resident Research and Quality Improvement - Expectations

All residents are required to maintain up-to-date CITI training and WOC Research appointment for the VA and at UT in order to participate in ongoing research activities.

This training is mandatory. ***Each resident will be responsible for successful participation in at least one major research (basic science and/or clinical) and completion of at least one quality improvement project during the residency.***

To accomplish this, each resident will pick a research and/or QI mentor from the clinical or basic science research faculty. During the PGY-2 year, the resident will develop the research/QI project, 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 end of the PGY-4 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. 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 one publication is required to graduate from the program.***

Residents must participate in at least 1 hospital sponsored RCA during the residency and/or attend a RCA training during the QI conference that is held on the 5th Fridays.

DEPARTMENT OF UROLOGY RESIDENT RESEARCH PROGRESS FORM

Resident Name: _____ Date: _____
PGY-1 Start Date: _____ PGY-5 completion date: _____
Basic Science Research Mentor: _____
Clinical Research Advisor/Mentor: _____
Research Title and Brief Description:

PGY-1, 2 Year: Research Idea Completed (IRB, Funding, Lab, etc.)

Advisor/Mentor Signature: _____ Date: _____
Resident Signature: _____ Date: _____

PGY-3 Year: Research Initiated

Advisor/Mentor Signature: _____ Date: _____
Resident Signature: _____ Date: _____

PGY-4 Year: Research Project Update:

In Progress Completed Meeting Abstract Publication
Advisor/Mentor Signature: _____ Date: _____
Resident Signature: _____ Date: _____

PGY-5 Year: Research Project Update:

Completed Meeting Abstract Publication
Advisor/Mentor Signature: _____ Date: _____
Resident Signature: _____ Date: _____

DEPARTMENT OF UROLOGY QUALITY IMPROVEMENT PROGRESS FORM

Resident Name: _____ Date: _____

Start Date: _____ Completion date: _____

Advisor/Mentor: _____

QI Project Title and Brief Description:

PGY-1,2 Year: QI Idea Completed

Advisor/Mentor Signature:

_____ Date: _____

Resident Signature:

_____ Date: _____

PGY-3 Year: Project Initiated

Advisor/Mentor Signature:

_____ Date: _____

Resident Signature:

_____ Date: _____

PGY-4 Year: Project Update:

In Progress, Completed, Meeting, Abstract, Publication.

Advisor/Mentor Signature:

_____ Date: _____

Resident Signature:

_____ Date: _____

PGY-5 Year: Project Update:

Completed, Meeting, Abstract, Publication,

Advisor/Mentor Signature:

_____ Date: _____

Resident Signature:

_____ Date: _____