
UNIVERSITY OF PITTSBURGH MEDICAL CENTER

Genitourinary Pathology Fellowship

Description: This 1-to 2-year fellowship prepares trainees to function independently as academic genitourinary (GU) surgical pathologists. There is an option for this year to be as a Clinical Instructor with the first six months being a 'fellowship' experience and the second six months an 'instructor/attending' experience with independent signout and resident teaching. It provides a large case volume, junior staff responsibilities, and clinical/ basic science research opportunities. Primary responsibility is for patient material derived from urologic oncology with an emphasis on prostate disease, bladder neoplasia, inflammatory urothelial disease, kidney tumors, neo-adjuvant therapy of GU malignancies and materials derived from cystoscopic and GU surgical services. The clinical service also provides exposure to new developing molecular techniques. We have recently implemented UroVysion molecular testing for urine surveillance of patients with Urothelial carcinoma. In addition molecular Fluorescence in-situ hybridization (FISH) studies are now routinely performed to help in the exact classification of renal epithelial neoplasms. The fellow learns immunofluorescence and electron microscopy as part of the medical renal biopsy pathology service (750 cases per year). The fellow coordinates the weekly GU multidisciplinary conference with the Division of Urology and is responsible for all GU consultation cases and prepares and maintains a GU teaching collection. The trainee will collaborate in research studies and present the research to at least one national meeting each year. Training opportunities include (1) helping maintain an institutional and national prostate tissue bank (2) gene chip array based molecular classification of tumors and various molecular and cell biological techniques (3) Paraffin Tissue Arrays (4) epithelial cell culture techniques and (5) Immunohistochemistry and quantitative image analysis and morphometry. Additional years of training may be arranged. *Annual Volume:* 5,000 GU surgicals, biopsies and consults from a network of hospitals in Western Pennsylvania.

Requirements: Three years experience in Anatomic Pathology.

Stipends: Commensurate with the level of postgraduate training in Pathology.

Staff: **Anil Parwani MD, PhD**, Fellowship Director; **Sheldon Bastacky MD**; **Rajiv Dhir MD**; **Walid Khalbuss MD**; **William LaFramboise PhD**.

Applications: For more information, please contact Eileen Misencik at misencikev@upmc.edu. Address inquiries to: Anil Parwani, MD, PhD, UPMC Shadyside, Pathology, 5230 Centre Avenue, Pittsburgh, PA 15232

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