

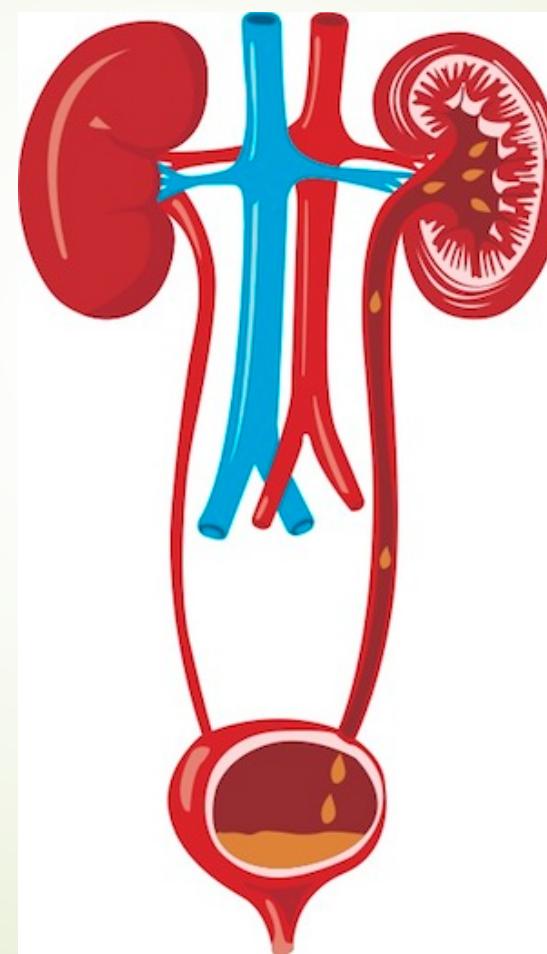


# MSRF Experience in Urologic Oncology

Neil Pugashetti, MS4

U.C. Davis School of Medicine

# What is Urology? What is Urologic Oncology?



# Why Medical Student Research Fellowship (MSRF)?

- ▶ Gain independent research experience
- ▶ Explore a career as a physician scientist
- ▶ Explore a particular specialty in-depth



# Mentorship is Key!

- ▶ Availability and Commitment
- ▶ Shared Goals
- ▶ Track Record
- ▶ Good “Fit”



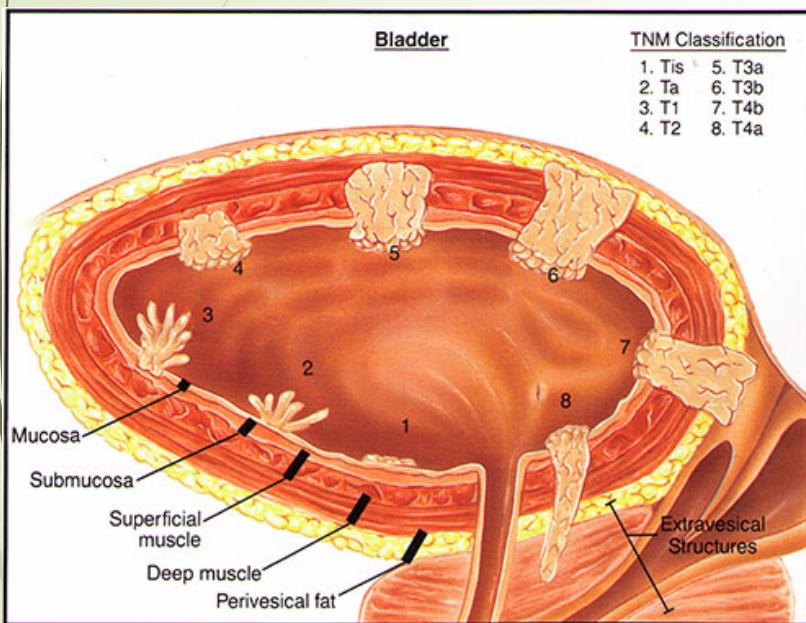
# Types of Research Available

- ▶ Basic Science Research
- ▶ Clinical and Outcomes Research
  - ▶ Prospective Clinical Trials
  - ▶ **Retrospective Studies**
  - ▶ Case studies & series
  - ▶ Review articles



# Main Projects

(abstracts currently submitted for presentation)



## ■ Neoadjuvant Chemotherapy (NAC) for Muscle-Invasive Bladder Cancer

- ▶ Perioperative Outcomes after NAC
- ▶ Impact of NAC on Renal Function
- ▶ NAC: Why do all patients not receive cystectomy?
- ▶ Outcomes of Surveillance Protocols after NAC



# Other Ongoing Projects

- ▶ Prostate Cancer Active Surveillance (AS)
  - ▶ Utility of Routine Anterior Zone Biopsy in AS
- ▶ Nephron-sparing surgery for Renal Cell Carcinoma:  
Are there disparities in standard of care?
- ▶ Ureteroarterial Fistula: Institutional Case Series
- ▶ Signet-ring Cell Carcinoma: Case Report
- ▶ Superficial Bladder Cancer Outcomes at the VA



# Questions?

Feel free to contact me:

[neil.pugashetti@ucdmc.ucdavis.edu](mailto:neil.pugashetti@ucdmc.ucdavis.edu)