



Surgery at Walter Reed

Alaine Sathuluri

College Park Scholars – Science & Global Change Program
CPSG230

asathulu@terpmail.umd.edu

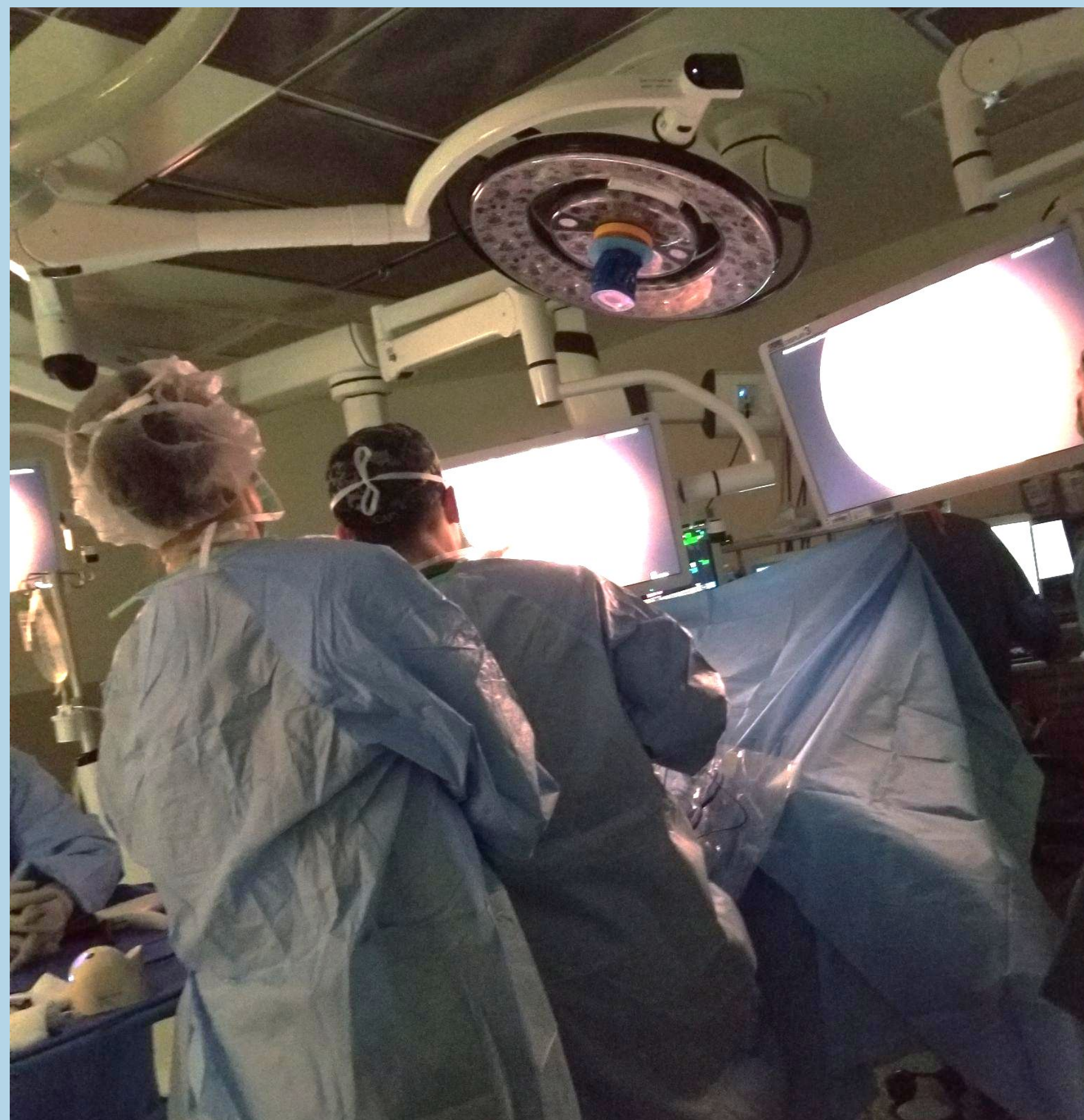
Neuroscience

College Park Scholars Academic Showcase, May 3, 2024



Introduction

During the winter of 2024, I interned at the Walter Reed Medical Center General Surgery Clinic. The Hospital provides all healthcare services to the military members, veterans, and their families.



Picture taken during a laparoscopic ventral hernia repair procedure in the OR.



Image of robotic arm surgery with screens to see view of inside
Image from <https://theanesthesiaconsultant.com/2019/11/13/>

Activities:

- Observed surgeries in main operating rooms of the hospital
- Provided assistance during minor procedures within the General Surgery Clinic
- Attended in pre and post operation appointments
- Shadowed during consultations from various departments and emergency room cases

Procedures Observed:

- Hernia repair
- Laparoscopic cholecystectomy (gallbladder removal)
- Robotic kidney removal (due to the presence of cysts post transplant)
- Bowel resection
- Carcinoma removal
- Lipoma removal; done in clinic
- Laparoscopic diagnosis

Impact:

My time at the hospital allowed me to gain insight into how many different procedures were performed and how the different doctors and nurses interacted to carry out a successful surgery. It was an opportunity to meet the patient at their pre opt and continue with them until near their discharge.

Site Information:

Walter Reed National Medical Military Center

Address: 8901 Rockville Pike, Bethesda, MD 20889

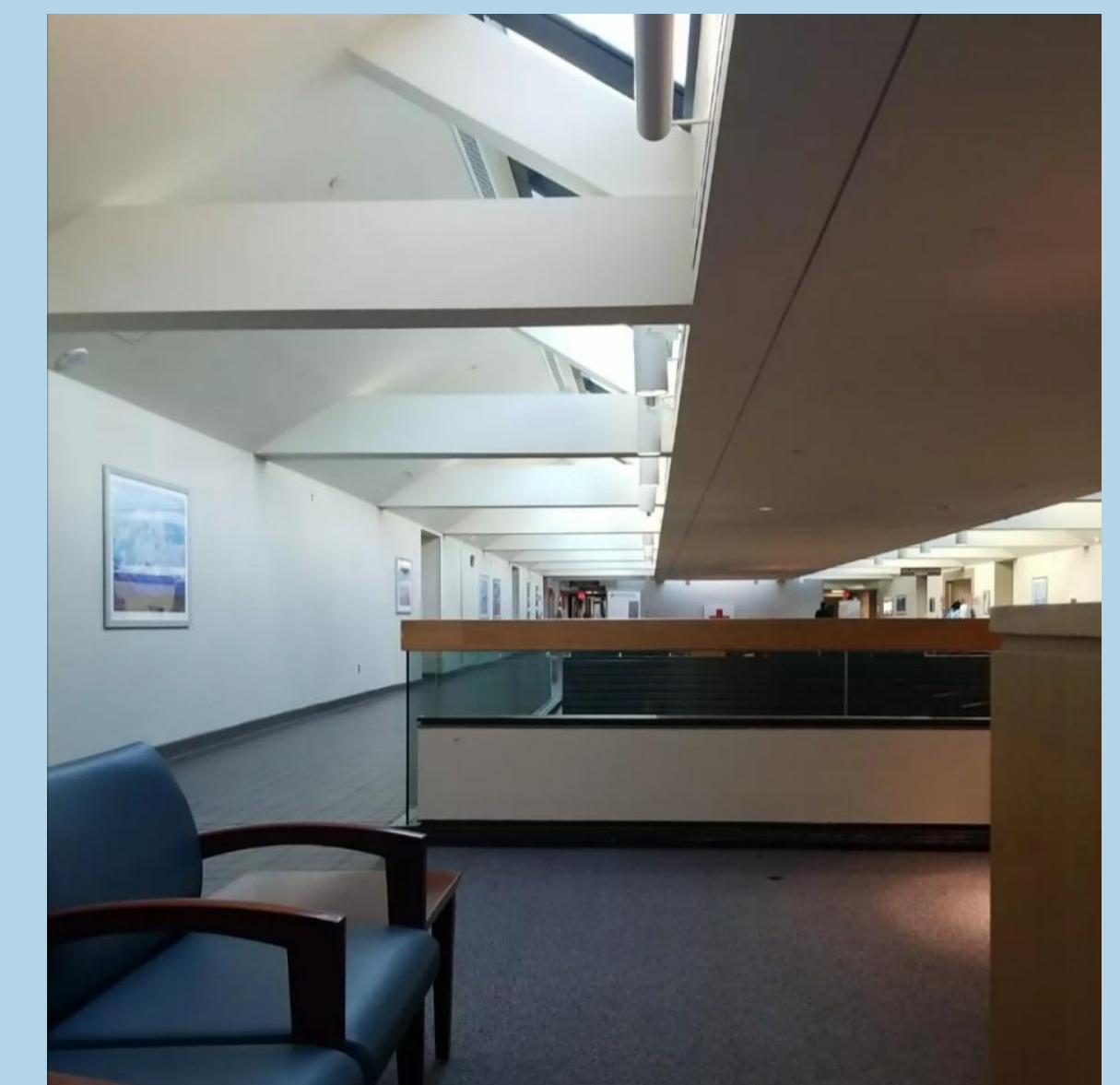
Supervisor: Dr. Sarah Haviland

Site mission: Provide health services to military personnel

Goals: Incorporate the latest technologies and medications to provide efficient treatment plans

Discussion:

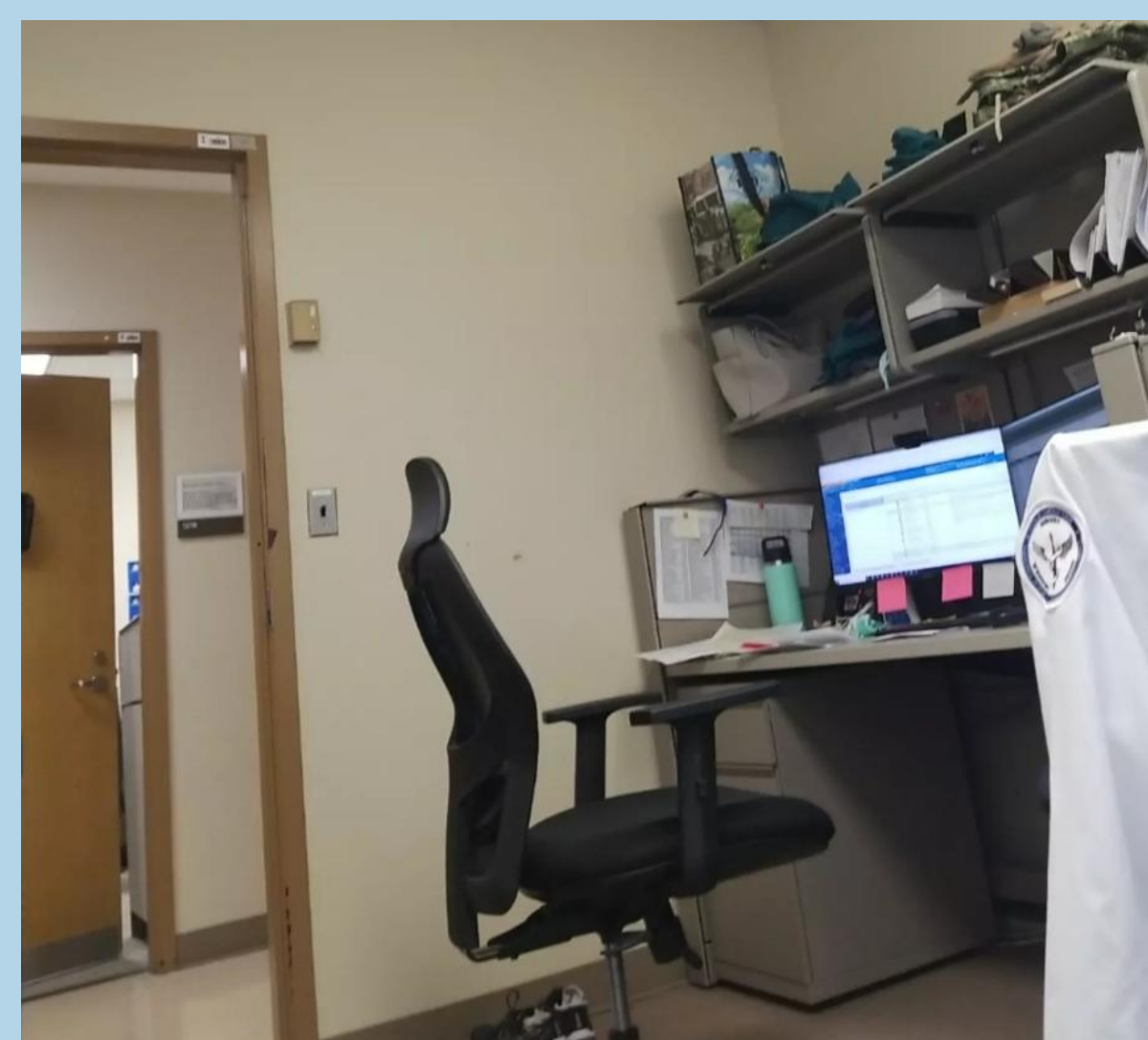
The program I was a part of, allowed me to get very involved in a specific department at the hospital. This allows pre-medicine students to gain exposure of the field and become aware of the lifestyle of doctors and other medical students working.



View of top floor of pharmacy & consultation wing



Pictured on left: front desk and waiting area of neurosurgery clinic; structured the same across most departments that take clinic appointments



Pictured on the right: office area where I would be updated on the procedures, appointments, and clinic schedules for the day

Future Work:

I will continue to work in medical fields that incorporate inpatient care. I would also like to get involved with understanding a general sense of the research being done for new robotic surgeries and how they are being implemented.

Acknowledgments:

I would like to thank the GME staff at WRNMMC for this opportunity, as well as my supervisor Dr. Sarah Haviland, and the other doctors I was able to work with. I would also like to thank Dr. Holtz and Dr. Merck for being amazing professors and mentors.

