Medical Path
My Grip Tape Challenge

By Elicia Villaurel
My Learning Journey

- Researched the field of medicine
- Reviewed medical terminology
- Learned more about plastic surgery

Books selected to aid in study:

- Your Survival Guide to Cosmetic Surgery by LaBruna MD Anthony N
- Medical Terminology: The Best and Most Effective Way to Memorize, Pronounce and Understand Medical Terms by David Andersson
- Be Your Best: A Comprehensive Guide to Aesthetic Plastic Surgery by Rex M. Oppenheimer
Attended Medical Conference
Saturday, December 17, 2016
http://medicalmentor.org

Mentoring in Medicine
- Network with Professionals
- Ask the expert questions
- Activities Fair
- Medical panel
- Able to dissect animals

The fetal pig is a mammal, like humans. Nearly all major structures are the same or similar in anatomy. However, there are some interesting differences between pigs and humans.
Mentoring in Medicine
Labs at the Health & Science Expo at Conference

- Learned about DNA

DNA, or deoxyribonucleic acid, is the hereditary material in humans and almost all other organisms. Nearly every cell in a person's body has the same DNA.
Some of the students at the conference were a part of a program which had a competition to design the best board about certain disease.
Mentoring In Medicine

Participating in demonstrations & Learning workshops
Interviewed Dr. Lawrence Daniels, a Neurosurgeon

Inspirational Motto:

Matthew 23:11-12

“The greatest amongst you so be your servant. For those who exalt themselves will be humbled, and those who humble themselves will be exalted.”

Picture taken at: Dr. Lawrence’s practice, New Neurons Neurosurgical Institute in Spring Lake, NJ  Website:
Dr. Daniels is a fellowship trained pediatric neurosurgeon who is comfortable with the entire scope adult and pediatric neurosurgery. After graduating from UCLA’s School of Medicine, Dr. Daniels was awarded the Washington Scholars Research Fellowship at the Maxine Dunitz Neurosurgical Institute. During this research fellowship Dr. Daniels worked on the development of a dendritic cell vaccine for malignant brain tumors. Dr. Daniels also worked on research that aimed to selectively increase the permeability of the blood-brain-tumor barrier in an attempt to increase the amount of chemotherapy that enters cancers that travel to the brain from other parts of the body. Dr. Daniels completed his neurosurgical residency training at the Albert Einstein College of Medicine and pediatric neurosurgical fellowship training at the Children’s Hospital of Philadelphia. Dr. Daniels has research interests in neuro-oncology and craniofacial surgery and is currently conducting clinical and translational studies in both areas.

www.newneurons.net
Clinic Visit

The Camden Community Health Center (CCHC) is a student-run free clinic open on Saturday mornings in Camden, NJ. CCHC is operated and managed by medical students at the Rowan University School of Osteopathic Medicine (RowanSOM) and caters to the health needs of the Camden community.
Interview
Dr. Isabel Sleepy

Learned about medicine track, can volunteer as an Emergency Medical Technician (EMT) or paramedic in NJ at age 15.

Opportunities to assist as a volunteer at a clinic to learn more about medicine.

Must have passion for medical field, it is a long path to becoming a doctor: Pre-Med, Medical School and Residency and further studies for specialty.
The Road to Becoming a Doctor

- Pre-Med: 4 years
- Medical School: 4 years
- Residency Training: 3-7 years
John Hopkins School of Medicine
Campus Visit

Attended Grand Rounds and Roundtable Lecture
Plastic and Reconstructive Surgery Department
February 2, 2017
Grand Rounds Lecture
Resident Education: Aesthetic Round Table
Dr. Elizabeth Hall-Findlay
Visiting Professor
Aesthetic Analysis of the Breast, by Elizabeth Hall-Findlay, MD
Interview with Dr. Keli Kolegraff

Keli Kolegraff, MD, PhD
Hometown: Milford, IA
Undergraduate Education: Johns Hopkins University
Medical School: Emory University
Graduate School: Emory University
I Interviewed with a Johns Hopkins Medical Student Regina

- Learned about how to prepare from High School
- What types of programs to participate in during summer
- Keep grades up, study for SAT in advance
ER Wait Times - 25 minutes at Virtua Hospital

Wait times represent the average estimated length of time from registration upon arrival to seeing a licensed independent practitioner (doctor, nurse practitioner or physician assistant).

What Do These Numbers Mean?

Visit of Simulation Lab at Virtua Hospital

Virtua Voorhees is a regional medical center that provides specialized, high-level care in a family-centered atmosphere. The full-service, state-of-the-art hospital in Voorhees, NJ, incorporates advanced technologies and quality clinical services.
Meeting with Dr. Erik N. DeLue, MD,MBA,SFHM

Program Director for Impatient Medical Services, Medical Director for Virtua Voorhees, NJ

Learned about:

*Hospital care management and the challenges of running a hospital to increase patient satisfaction*

Patient acute and post care

Transitional care

Co-medical management of patients

Pre-admission testing
Rutgers

School of Medicine

Visit to Simulation Lab
The main goal of the Simulation Center is to improve safety within patient care and train healthcare professionals. These labs allow students and licensed professionals to “practice on plastic” honing their skills, refining advanced techniques and learning valuable social interactive tools for delivering important news to patients. This is very vital for creating a higher standard in patient safety and medical teaching.
New Brunswick medical student Emma Foley, & Colleen M. Donovan, MD, Assistant Professor, Emergency Medicine, EMS Medical Director, Simulation Director, Department of Emergency Medicine

Simulation centers and educational programs provide students with hands-on experience in order to be prepared for emergency situations.
19th century medical tools at Rutgers New Brunswick
I met with Maxine W. Thompson, MDiv,FH, she is the Associate Director for MD/PhD Admissions Multicultural Medical Student Affairs. She provided advice on the various steps to applying to medical school.
Morehouse School of Medicine is located in Atlanta, Georgia. After speaking with Dr. Kyndra Program Manager and Jasmine L. Mattison Administrative Assistant, they gave me a First Look gift bag from one of their youth conferences.

The 2nd annual First Look Health (T.E.A.M) Teaching Education Mentoring program for high school students was held on Saturday, February 11th. The mentorship program provided opportunities for students to work with Morehouse School of Medicine medical students, and faculty to learn about health care careers.

www.msm.edu/Education/PipelinePrograms/firstlookhealthteam.php

For more information: firstlookhealthteam@gmail.com
Ngozi F. Anachebe, Pharm.D., M.D., F.A.C.O.G.

Associate Dean, Medical Education, Admissions and Student Affairs

Learned about medical school and what the journey will be like attending Morehouse School of Medicine also met enrolled medical students
Some words of wisdom from Morehouse School of Medicine students and faculty.
Spelman University
Atlanta, Georgia

Campus Tour with Aliecia Boulingny

A pre med student at Spelman.

Learned about the school and courses required for pre-med
The end is only the beginning