

Samer Metri

1501 Crystal Dr. / Arlington, VA 22202 | (858) 776-5542 | smetri@gwu.edu
www.linkedin.com/in/smetri | www.samermetri.com

EDUCATION

George Washington University, School of Medicine and Health Sciences <i>M.D. Candidate, Class of 2023</i>	Washington, DC
University of California, Irvine <i>Bachelor of Science, Genetics</i>	Irvine, California

RESEARCH EXPERIENCE

UC Irvine Medical Center <i>Shadowing Position</i>	Irvine, California <i>March 2018 – June 2018</i>
<ul style="list-style-type: none">Observed Dr. Maxwell Jen's patient interaction and discussed test results and medical treatment options to gain exposure to the treatment of patients suffering traumatic accidents in the Emergency Department	
Sue and Bill Gross Stem Cell Research Center, Seiler Lab <i>Undergraduate Researcher</i>	Irvine, California <i>January 2017 – June 2018</i>
<ul style="list-style-type: none">Conducted protein extraction and western blot analysis on human eye tissue and human embryonic stem cell neurospheres to analyze and compare protein expression depending on the age of the tissuePerformed immunohistochemistry staining of eye sections following retinal progenitor organoid transplantation into humanized rats to analyze the makeup and localization of cell markers	
Sue and Bill Gross Stem Cell Research Center, Boiko Lab <i>Undergraduate Researcher</i>	Irvine, California <i>October 2016 – June 2017</i>
<ul style="list-style-type: none">Collected, imaged, and analyzed mouse squamous cell carcinoma tumors to determine the clonal contribution of stem-like cells using a rainbow reporter construct and fluorescent microscopyPerformed immunohistochemistry staining to verify the presence of proteins markers and consulted with a pathologist to correctly identify various types of squamous cell carcinoma tumors	

WORK EXPERIENCE

Care Medical Transportation, Inc. <i>Emergency Medical Technician (EMT)</i>	San Diego, California <i>January 2019 – June 2019</i>
<ul style="list-style-type: none">Assessed and treated patients in emergency situations to stabilize and transport them to the nearest hospitals with the appropriate resources to provide them with the necessary level of careWorked alongside nurses to transport critical care and ICU patients to facilities with higher levels of care to properly treat and stabilize patients	
UC Irvine, Office of Information and Technology <i>Senior Help Desk Consultant</i>	Irvine, California <i>January 2015 – June 2018</i>
<ul style="list-style-type: none">Developed SlackBot, a chat bot residing on the communication platform Slack used by 20+ consultants daily to effectively search customer data and troubleshoot issues ranging from account lock-outs to network outages	

COMMUNITY INVOLVEMENT

Lestonnac Free Clinic <i>Student Volunteer</i>	Orange County, California <i>December 2017 – June 2018</i>
<ul style="list-style-type: none">Recorded patients' vitals and translated for Arabic-speaking patients to provide healthcare for low-income families to create a healthy community while gaining insight into the field of internal medicine	
Senior Research Project, Department of Physical Medicine & Rehabilitation <i>UC Irvine, Undergraduate Research Opportunities Program</i>	Irvine, California <i>January 2017 – June 2018</i>
<ul style="list-style-type: none">Designed a prototype micro-kinetic sensor device to measure the breathing of rats to determine the respiration rate through diaphragm distention to predict the effect of anesthesia on rats undergoing surgery	

LAB & PROGRAMMING SKILLS

Laboratory Skills: Cell Culture, Western Blotting, Immunoprecipitation, Suturing, Mice injections, Basic mice surgical Procedures, Cryostat Sectioning, Zeiss Fluorescence Microscope, Nikon Ti-E Inverted Microscope, Image Acquisition Pro

Programming Languages: Python, R, JavaScript, HTML, CSS, C-Sharp, Visual Basic