

KARINA SANCHEZ

Education

Conemaugh Memorial Medical Center Emergency Medicine Residency Program	July 2017 – June 2020
Conemaugh Memorial Medical Center Surgical Residency Program	July 2016 – June 2017
Ross University School of Medicine, Portsmouth, Dominica, West Indies Doctor of Medicine Dean's Honor Roll- 2011	May 2011- Nov. 2015
Ross University School of Medicine Medical Education Review Program	Nov. 2010- April 2011
University of California, Los Angeles David Geffen School of Medicine- Center for Prehospital Care EMT-B certification	2009
University of California, Los Angeles (UCLA) Bachelor of Science, Microbiology, Immunology, and Molecular Genetics (MIMG)	Sept. 2004- Dec. 2008

Extracurricular Activities

Women in Emergency Medicine Group <ul style="list-style-type: none">• Founder of Conemaugh Memorial Medical Center group• Quarterly discussions among the women practicing in Emergency Medicine, including Students, Residents, Attendings, and midlevels, regarding topics relevant to success in the field and correlation with the focus of the American Association of Women Emergency Physician group.	July 2018- present
Emergency Medicine Residents Association Leadership Academy <ul style="list-style-type: none">• Monthly discussions for a 1 year self development experience with a capstone project.	May 2018- present
Emergency Medicine Residents Association Council Program Representative <ul style="list-style-type: none">• Act as a program representative to the Council to vote on Resolutions and Board members to represent the entirety of Emergency Medicine Residents nationwide.• Provide my Emergency Medicine Residency program with updates from the national level as provided through council meetings and Monthly EM Resident magazine updates.	July 2017- present
Family Readiness Volunteer Coordinator for F-TAB Battery <i>1st Battalion 144th Field Artillery, 65th Fires Brigade - West Los Angeles, CA</i> <ul style="list-style-type: none">• Assisted 46 Army families during the deployment to Afghanistan by providing information flow between the military and family members• Provided information, referral assistance and mutual support to service members and their families• Organized special events for the Unit	June 2013- Jan. 2015

Student Government Association Curriculum Committee Chair Jan. 2012- Aug. 2012*Ross University School of Medicine, Dominica, West Indies*

- Represented the student body's voice and vote in the Student Government Board meetings and during Faculty and Administration's Curriculum Committee meetings
- Offered an orientation for the entering class on how the exams and exam process were run
- Instructed the Exam Review Representatives of their duties
- Met regularly with each class's Curriculum Representative to review class concerns
- Coordinated with students and faculty to resolve concerns regarding Curriculum
- Provided student feedback in discussions regarding the reduction in contact hours and implementation of a decelerated program
- Assisted in implementation of new exam policies
- Provided student feedback on potential Faculty hires

Anatomy Laboratory Teaching Assistant Jan. 2012- Aug. 2012*Ross University School of Medicine, Dominica, West Indies*

- Organized after hour sessions to review anatomy on provided Cadavers for Semester 1 and Semester 2 students.

Salybia Mission Project Volunteer May 2011- Aug. 2012*Ross University School of Medicine, Dominica, West Indies*

- Conducted patient interviews and obtained vitals for clinics held for the indigenous population

Ross Emergency Medicine Association Member May 2011- Aug. 2012*Ross University School of Medicine, Dominica, West Indies*

- Attended workshops for running a code and placing IVs; clinical case studies; and presentations that explored the field of emergency medicine

Semester 1 and Semester 2 Curriculum Representative May 2011- Dec 2011*Ross University School of Medicine, Dominica, West Indies*

- Answered questions from students regarding curriculum and exam policies
- Liaised with Curriculum Committee Chair and faculty to clarify academic concerns of the semester and communicate resolutions.

Youth Advisor 2009-2011*1st Battalion 144th Field Artillery, 11th Armored Cavalry Regiment- Burbank, CA*

- Updated the Battalion's social media website with information regarding opportunities for children of soldiers
- Maintained records of all children within the Battalion and attempted to find resources for those with special needs

Family Readiness Volunteer Coordinator for Bravo Battery 2009-2012*1st Battalion 144th Field Artillery, 11th Armored Cavalry Regiment- Burbank, CA*

- Assisted 96 Army families during the deployment to Kosovo by maintaining a social media site for open communication and access to resources
- Researched available resources for families in need of assistant during their soldier's deployment
- **Awarded the Molly Pitcher award by Lieutenant Colonel David Brady**

Black Pre-Health Organization Volunteer 2007-2009*University of California, Los Angeles- Westwood, CA*

- Obtained blood pressure and glucose readings at health fairs
- Provided information regarding free clinics for those in need
- Attended lectures regarding health care and discrimination

Care Extender

2007-2010

UCLA Medical Center and Orthopaedic Hospital- Santa Monica, CA

- Picked up medications from pharmacy and supplies from the basement.
- Transported patients throughout the hospital
- Restocked the IV carts and storage units in the Emergency Room
- Obtained vitals and recorded personal belongings during patient admission
- Assisted in non-surgical procedures in the Emergency Room
- Aided in CPR

Presentations**“Digging a Little Deeper: Characterizing Bacterial Diversity in Soil Samples Excavated From One-Mile Under Terminal Island in Los Angeles, California”****Region I Student National Medical Association Conference, Portland, OR- April 2009**

Presented under the Basic Science category, the poster covered work done as a Course Development Assistant for the MIMG department of UCLA. It analyzed core soil samples to determine whether there was contamination and characterized the microbial community.

“Digging a Little Deeper: Characterizing Bacterial Diversity in Soil Samples Excavated From One-Mile Under Terminal Island in Los Angeles, California”**Microbial Genomics Conference, Lake Arrowhead, CA- September 2008**

The poster presented work done as a Course Development Assistant with core samples that were analyzed to assess whether the microbes found using a new “pseudo-metagenomic” technique were the kinds of organisms expected to survive one mile below the surface. The core was also analyzed for soil sample contamination.

Research

Maricopa Integrated Health System, Radiology, Phoenix, AZ

December 2013

Adjunct Research Associate**“When the Computer Tomography Blushes in Face of Trauma: Embolize or Not Intervene at All?”**
(Unpublished)

Newer computer tomography scanners(CT) have higher resolution and increased speed of acquisition, allowing us to identify IV contrast extravasation(CE/“blush”) with increasing frequency despite using lower doses of radiation. It has become apparent that many cases of blunt trauma with blush do not need any intervention. Identifying patients that can be treated conservatively instead of with invasive embolization can avoid costly procedures, which is especially relevant in an era where managing healthcare costs is such a focus. Other clinical markers may be useful in patient triage and recognizing surgical candidates but the results of the study suggest that CT characteristics of CE are the best predictors of the need of endovascular embolization. More work needs to be done to create a CT scoring scale of extravasation, which may better predict which patients need intervention versus conservative management.

Employment Experience

American Professional Ambulance- Van Nuys, CA Oct. 2009- Sept. 2010
Emergency Medical Technician

- Transported non-ambulatory patients to Dr. and dialysis appointments
- Recorded patient histories and vital signs
- Provided emergency transport
- Trained in Basic Life Support with Automated External Defibrillator, splinting, bleeding control, drug administration, and emergency medical response for trauma
- Responded as first on scene to traffic collisions

Department of Microbiology, Immunology, and Molecular Genetics (MIMG) 2008
 University of California, Los Angeles- Westwood, CA

Course Development Assistant

- Created standard operating procedures for genomic databases in preparation of a new Microbiology Lab class
- Attempted a new pseudo-metagenomic approach for a Microbial Ecology course in order to verify the possibility of using metagenomic techniques on core samples obtained from Terralog Technologies Inc, a deep well disposal management company
- Provided basic results to confirm that the core samples were not solely contamination

The Olive Garden- Westwood, CA May 2005- May 2006
Hostess & Certified Trainer

- Interacted with guests to provide a pleasant experience in the restaurant
- Greeted guests, maintained cleanliness, answered phones, and prepared take out orders
- Assisted in managerial tasks such as oversight of employees, training new employees, billing, and scheduling

Affiliations

Member, American Medical Association	2017- present
Member, Society for Academic Emergency Medicine	2015- present
Member, American College of Emergency Physicians	2014- present
Member, Emergency Medicine Resident Association	2014- present
Member, American College of Physicians	2014- 2016
Member, Student National Medical Association Member -Western Chapter Region	2008-2010, 2014-2016