

Education

- **Undergraduate: Monmouth University, Long Branch, NJ 2007-2011**
Combined 8-year direct medical program.
Graduated magna cum laude with 7 consecutive Dean's List commendations.
- **Medical School: Drexel University College of Medicine, Philadelphia, PA 2011-2015**
Honors/HS in 21 courses including Anesthesiology Sub-Internship.
Passed Step 1, 2CS, 2CK, and 3.
- **Residency: Columbia University Medical Center/New York Presbyterian 2015-2019**
Extensive experience in obstetric, pediatric, and general anesthesia (top percentile by case logs).
NYP Amazing Achievements Award, nominated by ICU nursing staff, 2018.
Passed In-Training Exam all years of training. Passed BASIC Part 1 Board Exam, 2017.
- **Fellowship: Chronic Pain Management, Columbia University Medical Center 2019-current**

Publications

- **TrueLearn Anesthesiology Question Bank**
Author, board exam practice questions, *June 2018 - present*.
Composed questions & topics published for use in the largest anesthesiology board & in-training question bank, for residents & fellows.
- **Academic Pain Medicine: A Practical Guide to Rotations, Fellowship, and Beyond: Low Back Pain**
Book Chapter, with Drs. Anis Dizdarevic, Julia Ding. Edited by Y Khelemsky, A Malhotra, K Gritsenko.
Springer Science, *editing in progress, 2018*.

Presentations and Posters

- **Ultrasound-guided stellate ganglion blockade for refractory ventricular tachycardia in critically ill patients**
Case Series with Drs. Ramon Go, Alex Saltzman, Harini Chenna.
Poster presentation at *American Society of Anesthesiologists Annual Meeting 2018*.
- **Novel use of a cervical epidural blood patch for intracranial hypotension**
Medically Challenging Case with Drs. Leena Mathew, Joseph Melrose.
Poster presentation at *Columbia University Dept of Anesthesiology Academic Evening 2018*.
- **Acute bleeding from an aortic pseudoaneurysm due to sneezing after CABG surgery**
Medically Challenging Case with Dr. Jacob Schaff.
Poster presentation at *Society of Critical Care Anesthesiologists (SOCCA) Annual Meeting 2018*.
- **Anesthetic management of quaternary C/S in a patient with diffuse metastatic lesions**
Medically Challenging Case with Dr. Laurence Ring.
Poster presentation at *2018 Society for Obstetric Anesthesia and Perinatology 50th (SOAP) Annual Meeting, 2018*.
- **Acute delirium in a healthy patient with rectus sheath catheters**
Medically Challenging Case with Dr. Robert Maniker.
Poster presentation *ASRA World Congress on Regional Anesthesia and Pain Medicine 2018*.
- **Ultra low cost & minimally stimulating method of relieving airway obstruction during MAC**
Airway Management Technique with Dr. H.T. Lee.
Poster presentation at *IARS 2018 Annual Meeting and International Science Symposium*.
- **Opioid-prescribing patterns of emergency physicians and risk of long-term use [NEJM]**
Journal Club Presentation, *January 2018*.

- **Comparison of hypertonic saline and mannitol for reducing intracranial pressure** [JNSA]
Journal Club Presentation, *June 2018*.
- **ATHOS - 2 Trial: Angiotensin II for the treatment of refractory shock** [NEJM]
Journal Club Presentation, *November 2017*.
- **Pediatric TIVA techniques: current guidelines and future technology**
Chief Rounds Presentation, *January 2017*.
- **Tracking 2-LTR-circle HIV DNA half-life in central memory & Naïve CD4+ T-Cells**
Research Presentation at *University of Pennsylvania Hospital, March 2013*.

Research & Volunteer Experience

- **Ruxmani Multi Specialty Charity Hospital, Mumbai, India**
Clinical Research: Analyzing perioperative outcomes when changing anesthesia delivery methods, *March - May 2015*.
Principal Investigator: *Dr. Subha Dave, MBBS*
- **Hospital of the University of Pennsylvania Center for AIDS Research, Philadelphia, PA**
Laboratory Research: Tracking HIV replication in infected CD4+ T-Cells using 2-LTR circles, *April - September 2012*.
Principal Investigator: *Dr. Una O'Doherty, MD, PhD*
- **Medical Clinic of Salvation Army & Eliza Shirley, Philadelphia, PA**
Volunteered to assist attending physicians care for residents of two women's shelters, *2012*.
- **Back on My Feet, New York & Philadelphia, PA**
Volunteer nonprofit organization raising money and providing a gateway to education for local homeless shelter residents through running & exercise, *2011 - current*.
- **Pediatric AIDS Benefit Concert, Philadelphia, PA**
Helped to organize a charity event for pediatric patients throughout Philadelphia, *2011*.

Work Experience

- **New York Sports Club, East Brunswick, New Jersey**
Lifeguard, *May 2010 - July 2011*.
- **Score! Education Center, Metuchen, New Jersey**
Tutor in subjects Pre-K to Highschool, *May 2006 - June 2009*.

Certifications

- AHA ACLS & BLS current certification, *2017*.
- Harvard Business School Manage Mentor administrative certification, *2017*.
- NYP Patient Experience Academy certification, *2018*.
- People Development Architecture foundational certification, *2018*.
- American Red Cross certified lifeguard.

Organizational Memberships

- **American Society of Anesthesiologists**, resident member *2014-current*.
- **International Anesthesia Research Society**, resident member *2015-current*.
- **New York State Society of Anesthesiologists**, resident member *2015-current*.
- **Drexel University Hockey Club**, class president *2011-2015*.
- **Philadelphia County Medical Society**, member *2011-current*.
- **Eastern Surfing Association**, New Jersey member *2008-current*.

Personal Interests

- Outdoor activities, including snowboarding, wakeboarding, paintball, and hiking.
- Travelling, having visited over twenty countries on six continents.
- Fantasy football expert, three-time league champion.