# Matthew P. Momjian



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## Statement of Purpose

I am currently completing my residency in anesthesiology at the University of Pennsylvania. I have extensive experience in pre-hospital medical care and a dedication to learning, teaching, and leading through my diverse interests and talents. Providing emergency medical care in a high-volume urban environment has given me a deeper understanding of modern healthcare challenges. My current focus is on educating myself as an anesthesiologist and gaining exposure to various subspecialties. I hope to gain experience that will serve me as I transition to medical practice as a faculty member of an academic pediatric anesthesiology program.

## Education and Training

**Hospital of the University of Pennsylvania**, Residency in Anesthesiology 2024 – 2028 (anticipated)
Internship: Categorical Anesthesiology Residency, Penn Presbyterian Medical Center.
Healthcare Leadership in Quality (HLQ) Residency Track, informatics concentration.
ABA Basic: Pass. CA-1 ITE: 42. Member: HUP Mortality Review Committee; Blood Bank/Anesthesia Steering Committee; Penn Anesthesia Quality & Safety Implementation Group (QSIG).

**Philadelphia College of Osteopathic Medicine**, Doctor in Osteopathic Medicine 2020 – 2024
Step 1: Pass. Level 1: Pass. Step 2 CK: 274. Level 2 CE: 905. Level 3: 999.
DO Admissions Committee member; Peer Tutor; PCOM Ambassador; PASS Mentor; executive board member of Emergency Medicine Club, Wilderness Medicine Club, Health Career Collaborative.

**Delaware Technical Community College**, Post-Baccalaureate Coursework 2019
President's List, Academic Excellence Award.

**Franklin & Marshall College**, Bachelor of Arts in Music 2010 – 2014
*Cum Laude*, Departmental Honors in Music, Honors List (5×), Dean's List.
Independent Study: "Conducting Performance of Beethoven's No. 3, Yardumian's *Armenian Suite*."

**Pennsylvania College of Health Sciences**, Emergency Medical Technician 2010
Class Clinician Award. Non-credit course.

## Professional Licenses and Affiliations

**Pennsylvania Board of Osteopathic Medicine,** Graduate Osteopathic Trainee, License # OT023733.

**National Provider Identifier (NPI),** # 1710747589.

**ACLS and BLS Provider,** American Heart Association.

**Emergency Medical Technician (EMT),** Pennsylvania Department of Health.

**American Society of Anesthesiologists (ASA),** member.

**American Osteopathic College of Anesthesiologists (AOCA),** member.

**Society for Pediatric Anesthesia,** member.

**Pennsylvania Society of Anesthesiologists,** member.

**Physician SmartUser Badge,** Epic Systems.

**Basic Certificate in Quality and Safety,** Institute for Healthcare Improvement.

**Gold Humanism Honor Society (GHHS),** member.

## Work Experience

**Assistant Director of Medical School Tutoring**, MedSchoolCoach – Remote 2019 – present

Tutored students preparing to take the USMLE, and COMLEX exams.
Planned and provided lessons, identified areas for student improvement, coached critical reasoning.

**Field Training Officer, EMT III**, Saint Francis Hospital – Wilmington, DE 2014 – 2020

Emergency ambulance care in a busy metropolitan system, operating as acting supervisor of 8 units.
Precepted 20+ new EMTs through a three-month field internship. Taught departmental and national courses and proctored oral and practical exams.

## Community Service

**Secretary of the Board**, Marple Township Ambulance Corps – Broomall, PA 2011 – present

Volunteered for over 4,000 hours at local ambulance service covering suburban Philadelphia.
As a board member, manage budget, teach public CPR courses, and assist with public outreach.

**Volunteer Physician**, Armenian Missionary Association of America – Armenia 2022 – present

Annual medical service project to operate a primary care clinic in multiple rural villages.

**Director of Emergency Medical Services, Chief of Operations**, Franklin & Marshall College Emergency Medical Services – Lancaster, PA 2011 – 2014

Supervised 25 providers, developed response policy with local 9-1-1 authorities, procured equipment.
Managed education, personnel issues, and retention, and created and proposed budget.

## Honors and Awards

**Citation of Recognition, Pennsylvania House of Representatives** 2019, 2026

Awarded in recognition of volunteer service to local ambulance corps.

**Student Memorial Award, Philadelphia College of Osteopathic Medicine** 2024

Awarded to the graduate who has attained the highest scholastic average in didactic study.

**Mason W. Pressly & O. J. Snyder Scholarship, PCOM Board of Trustees** 2020 – 2024

Full tuition scholarship awarded for clinical excellence and academic merit.

**Gold Award, Silver Award (2×), AACOM TOUCH volunteer service program** 2021, 2022, 2023

Performed over 200 hours of volunteer service to the local community.

**Life Member, Exceptional Duty, Marple Township Ambulance Corps** 2015, 2023

Given for significant hours dedicated in service to the organization, with over 15 years of service.

**Albert D'Alonzo, DO '56, Endowed Memorial Award** 2022

Selected by PCOM Alumni Association to receive an award to fund a medical service project.

**Gold Award, Silver Award, PCOM Cultural Competency Program** 2021, 2022

Attended events designed to increase our cultural awareness as future physicians.

**Unit Citation (4×), Saint Francis Healthcare Emergency Medical Services** 2014, 2017, 2017, 2018

Given for outstanding patient care in extremely challenging circumstances.

**Individual Citation (3×), New Castle County Department of Public Safety** 2015, 2016, 2017

Given for the successful pre-hospital resuscitation and discharge of a cardiac arrest patient.

**Winner, Pennsylvania Department of Health, HeartRescue Project** 2014

Created original video used to educate state EMTs in new "pit crew" resuscitation techniques.

**Nolt Music Award, Franklin & Marshall College** 2014

Given by the music department to recognize outstanding graduates and support original research.

**Marshall Fellow, Franklin & Marshall College** 2010 – 2014

Four-year research funding granted to pursue original projects and studies.

## Research and Publications

**Pediatric Anesthesia: Anesthetic Implications for Common Subspecialty Surgery** 2026

Canizares-Diaz M, **Momjian MP**, Zorian A, Liu N

In progress. In: *Advanced Essentials: A Comprehensive Review for the Anesthesiology Advanced Exam*

**Ropivacaine: Pharmacology in Infants, Pediatric Dosing Considerations** 2026

**Momjian MP**, Chiang G

pedsanesthesia.org (Society for Pediatric Anesthesia Question of the Week)

**Common Neurointerventional Procedures** 2026

Ayubcha D, **Momjian MP**

openanesthesia.org

**Seizure Disorder: Perioperative Considerations** 2026

**Momjian MP**, Adekemi A

openanesthesia.org

**Seizure Disorder: Overview** 2026

**Momjian MP**, Adekemi A

openanesthesia.org

**Building a community of experts in medication-assisted treatment (MAT) using the Project ECHO model** 2023

Canakis JP, **Momjian MP**, Yousefian F, et al.

10.5055/jom.2023.0755 (J Opioid Management. 2023;19(1):11-18.)

**Measuring the Effect of a Resuscitation Academy on Out of Hospital Cardiac Arrest Resuscitation Rates** 2020

Second-place winner of Foundation for Osteopathic Emergency Medicine Poster Competition.

Kalczynski JM, Lombardi CP, **Momjian MP**, et al.

digitalcommons.pcom.edu

## Presentations and Teaching

**Presentation:** Momjian MP, et al. *Excelling on Clinical Rotations and Shelf Exams*. Seminar. 2025

**Presentation:** Momjian MP. *Everything You Need to Know to Get Into Med School*. Lecture: AACOM Medical School Expo. 2025

**Workshop:** Momjian MP, et al. Basic Vascular Access. Skills workshop: Penn Presbyterian Medical Center. 2025

**Video Series:** Momjian MP. *Med School Moments*. 10 episodes. 2024

**Presentation:** Momjian MP, et al. *Proven Strategies to Ace USMLE Step 1*. Lecture. 2023

**Presentation:** Momjian MP. Acute Limb Ischemia. Lecture: Jefferson Torresdale Hospital. 2023

**Presentation:** Momjian MP. Emerging Trends in the Perioperative Management of GLP-1 Agonists. Lecture: UPMC Lititz; Reading Hospital. 2023 (2×)

**Writing:** Momjian MP. MCAT chemistry and physics practice passages and questions. 2021

**Writing:** Momjian MP. MCAT reasoning skills practice passages and questions. 2020

**Teaching:** Momjian MP. EMT Academy. Course: St. Francis Hosp. 2018, 2020

**Teaching:** Momjian MP. CPR and Bleeding Control. Course: St. Francis Hosp. 2018 (2×)

**Teaching:** Momjian MP. Pre-Hospital Trauma Life Support. Course: St. Francis Hosp. 2018

## Editorial and Educational Activities

**Member:** ASA Resident Advocacy Working Group. 2026

**Attendee:** Cutting Edge Topics in Pediatric Airway, Children's Hospital of Philadelphia. 2026

**Mentor:** ASA Mentoring Program, American Society of Anesthesiologists. 2025 – present

**Member:** Elsevier Resident and Fellow Review Board. 2025 – present

**Mock residency interviewer:** Philadelphia College of Osteopathic Medicine. 2024 – present

**Attendee:** Anesthesiology Annual Meeting, American Society of Anesthesiologists. 2024

**Competitor:** EMS Today Conference & EMS Skills Competition. 2015 – 2019

**Attendee:** Resuscitation Academy, Global Resuscitation Alliance. 2017

## Programming and Open Source Contributions

**Immich:** documentation, deployment, and database tooling.

**Bulwark Webmail:** beta testing and UI refinement.

**Security research:** GHSA-rrxg-g2pf-6hh4 (CVSS 9.8).

## Languages

**Native:** English, Armenian.

## Skills, Hobbies, and Interests

My travels to over 30 countries have increased my appreciation for many distinct cultures and traditions. I enjoy many outdoor activities such as kayaking, hiking, and swimming. When I am not outside, I have developed skills in computer programming, have competed on robotics teams at an international level, and play multiple musical instruments. As a first generation American and U.S. citizen, my Armenian ethnicity is particularly important to me, and I continuously strive to bring my Armenian culture to my everyday life.