



POSTGRADUATE TRAINING

- 2019-2022 **Thomas Jefferson University Hospital**, Philadelphia PA
Pulmonary and Critical Care Medicine Fellowship
- 2016-2019 **Cooper University Hospital**, Camden NJ
Internal Medicine Internship & Residency
Third-Year Chief Resident 2018-2019

EDUCATION

- Rowan University School of Osteopathic Medicine**, Stratford NJ
(Formerly **The University of Medicine & Dentistry of New Jersey - School of Osteopathic Medicine**)
Class of 2016
Doctor of Osteopathic Medicine
- The College of New Jersey**, Ewing NJ
Class of 2011
Bachelor of Science in Biology

CERTIFICATIONS & LICENSURE

- American Board of Internal Medicine**
- 2019-present Board Certification in Internal Medicine
- State Licensure**
- 2020-present Osteopathic Physician License, Pennsylvania
2019-present Graduate Osteopathic Trainee License, Pennsylvania
- American Heart Association**
- 2012-present Basic Life Support for Healthcare Provider
2016-present Advanced Cardiac Life Support
- National Board of Osteopathic Medical Examiners**
- June 2014 COMLEX-USA Level 1 – Pass
Aug 2015 COMLEX-USA Level 2-CE – Pass
Sept 2015 COMLEX-USA Level 2-PE – Pass
Oct 2016 COMLEX-USA Level 3 – Pass
- National Board of Medical Examiners**
- June 2014 USMLE Step 1 – Pass
Aug 2015 USMLE Step 2-CK – Pass

PUBLICATIONS & POSTER PRESENTATIONS

- 2021 Kramer D, Kiruparahan P, **Flamenbaum M**, Scharf M. *Quality of Post-Discharge Follow-Up in Patients Admitted to TJUH with Intermediate High Risk Pulmonary Embolism*. Presented at Thomas Jefferson University Annual Housestaff QI & Safety Poster Session. Philadelphia, Pennsylvania, May 27, 2021.
- 2020 **Flamenbaum M**, Roman J. *Endemic and Emerging Coronavirus Pulmonary Infections*. Am J Med Sci. 2020 June 12.
- 2020 Kramer D, Khaing P, **Flamenbaum M**, Scharf M. *Adherence to the 2015 ESC/ERS Guidelines for Testing and Monitoring Patients with Pulmonary Arterial Hypertension*. Presented at Thomas Jefferson University Annual Housestaff QI & Safety Poster Session. Philadelphia, Pennsylvania, May 28, 2020.
- 2014 **Flamenbaum M**, Wu H, Krishnan A, Rodriguez A, Spur B, Nagele R, Venkataraman V. *Effect of NeuroprotectinD1 on Alzheimer's Pathology: Analysis Using the Retinal Model*. Presented at the RowanSOM Annual Research Day. Stratford, New Jersey, May 8, 2014.

RESEARCH & QUALITY IMPROVEMENT EXPERIENCE

- 2021-present Effect of Vasopressor Dose on Morbidity and Mortality
Korman Respiratory Institute, Thomas Jefferson University Hospital, Philadelphia PA
Project Leader (IRB in progress)
- Utilizing a retrospective review study, I plan to use existing patient data to stratify the survival and morbidity of patients across the Jefferson enterprise by the dose of vasopressors they received.
- 2017-2019 Computer-Aided Decision-Making Intervention in Warfarin Anticoagulation
Department of Hospital Medicine, Cooper University Hospital, Camden NJ
Project Leader (abstract submitted)
- Led a team of medicine residents through a QI project designed to create a best practice advisory to assist in decreasing missed inpatient doses of warfarin. This included a database query to our electronic health record to monitor pre- and postintervention warfarin ordering habits with a goal of decreasing both patient hospitalization duration and risk of thromboembolism. My team and I were invited to present at the institutional year-end QI Report Out in June 2018.
- 2013 *Effect of NeuroprotectinD1 on Alzheimer's Pathology: Analysis Using the Retinal Model*
Department of Molecular Biology, Rowan School of Osteopathic Medicine, Stratford NJ
Principal Investigator
 Advisor: Venkat Venkataraman, PhD.
- Managed preparation, treating, analysis, and automation of analysis of animal tissue samples in an ongoing project concerning the effects of various substances on animal models for Alzheimer's Disease.

ACADEMIC & EDUCATIONAL APPOINTMENTS

2018-2019 Third-Year Chief Resident

Cooper Internal Medicine Residency

Charged with leading one of the residency's cohorts (approximately 12 residents), I supervised all the educational, scholarly, and clerical activities of the residents of my cohort. All chiefs were also tasked to advocate for residency program education, assist in housestaff discipline, leadership succession planning, resident scheduling, interviewing and selecting residency applicants, and arranging educational conferences and lectures. During my tenure, I led and completed a project to amicably improve hospital admission procedures among the teaching and nonteaching services. I also created centralized policy guides for clinical rotations, and collaborated on creating a curriculum for starting a clinical ultrasound rotation in 2019.

2018-2019 Resident Quality Improvement Director

Cooper Internal Medicine Residency

Oversaw the effective and efficient implementation of all Quality Improvement projects within the internal medicine housestaff. This includes five cohort-based projects in addition to individual or small team-based projects independently undertaken by residents. Position included working closely with hospital informatics and data statistician experts at Cooper.

2018 Intern Bootcamp Course Director

Cooper Internal Medicine Residency

Implemented and organized a comprehensive, week-long curriculum for interns joining the Cooper internal medicine residency training program. The curriculum included training on commonly seen medical problems, advice on transitioning from the student to the physician role, and simulation experiences in patient care.

EMPLOYMENT HISTORY

2020-present OnCall Physician Staffing, Philadelphia, PA

Medical Intensive Care Unit Coverage Physician, Jefferson Methodist Hospital

While time permits during my fellowship training, I have taken on a few overnight shifts per month moonlighting at a local community hospital as the sole in-house physician for their 12 bed MICU. This role places me as the only physician responding to emergencies and critical patients outside of the emergency department. Other common duties include leading rapid response teams, cardiac arrests, and stroke alerts throughout this 200-bed acute care hospital. Additionally, as the critical care capabilities of the institution are limited, I am responsible for triaging patients for transfer to a tertiary care center for continuous renal replacement, ECMO, or other advanced therapies.

EMPLOYMENT HISTORY (CONTINUED)

- 2011-2012 **Kaplan Test Prep**, East Hanover, NJ
Part-Time Graduate Faculty: MCAT Instructor & Tutor
- Directed MCAT classes, instructing in class sizes of up to fifteen individual students, as well as one-on-one tutoring. Graduated Kaplan's Teacher Development Program qualified to teach all subjects (requiring an MCAT score over the 90th percentile in each subject taught) and completed multiple veteran instructor training programs.
- 2011-2012 **LeFrak Corporation**, Jersey City, NJ
Full-Time Handy Man
- Worked as a maintenance worker responsible for the reactive and preventative servicing of a high-rise apartment complex on the Jersey City waterfront. Work environment was primarily Spanish-speaking.
- 2007-2008 **Freelance Web Design**, West Orange, NJ
Part-Time Web Designer
- Self-employed performing freelance design and coding of web pages for small businesses in the renovation and contracting field.

LEADERSHIP

- 2018-2019 **President**
Cooper University Healthcare Housestaff Council
- Directed the charitable, wellness, representative, and advocacy activities of the residents and fellows of Cooper's various training programs. Projects of the Council under my leadership included the creation of a quick-reference directory for common phone numbers used by residents, starting multiple recurring housestaff intramural sports programs, increasing options for institution-provided scrubs, and successfully lobbied for several improvements in work and call spaces for trainees. As a part of this position I also served as an executive member of the Cooper Medical School's Graduate Medical Education Committee.
- 2017-2018 **Treasurer**
Cooper University Healthcare Housestaff Council
- Managed and budgeted for the Council to provide community service, social and wellness events, and housestaff quality of life improvements. The council officers and I also represented the housestaff to the hospital and Graduate Medical Education leadership regarding workplace or educational issues.

LEADERSHIP (CONTINUED)**2014-2015 First Vice-President***Rowan University School of Osteopathic Medicine Student Council*

Oversaw all student organizations and their compliance with the Student Council constitutional documents and maintained communications with their leadership. Took the initiative to create and chair the Task Force charged with organizing a new permanent student government for all graduate and professional students under the umbrella of Rowan University. Performed as a representative for RowanSOM to the national Council of Osteopathic Student Government Presidents and actively developed resolutions while serving on their legislation committee. Represented New Jersey to the American Osteopathic Association as a voting delegate and spoke before the national assembly in reference to a resolution being considered for passage by the body.

2014-2015 Clerkships Representative*Student Osteopathic Medical Association, RowanSOM Chapter*

Planned the clinical procedural education for preclinical students, as well as represented the voice and opinions of the third and fourth-year students to the chapter executive board. Coordinated student attendance at events held by the New Jersey Association of Osteopathic Physicians and Surgeons.

2013-2014 National Web Content Director*Student Osteopathic Medical Association, National Board of Directors*

Ensured the national organization had an up to date, appealing, and engaging web presence. Major projects included optimizing the group's website content into a more easily navigable format, significantly increasing social media web presence, creating the first ever mobile app for the biannual SOMA conference, and organizing the first ever live-streaming video broadcast of the SOMA House of Delegates proceedings.

2013-2014 President*Student Osteopathic Medical Association, RowanSOM Chapter*

Organized the national American Medical Student Association's *Empowering Future Physicians Conference* hosted at RowanSOM as the lead coordinator from the local team with a theme of healthcare innovations. Other major projects included passing a resolution at the national House of Delegates to increase access for transgender individuals to appropriate healthcare. Our chapter was also nationally recognized for community service under my leadership for projects such as Halloween for the Hungry. Continued coordinating the ongoing educational *Clinical Procedures Lab Series*, as well as continued advocacy discussions and events for students, such as the ongoing lecture series: *What Med School DOESN'T Teach You About Politics*.

LEADERSHIP (CONTINUED)

- 2013-2014 **Patient Logistics Chair**
RowanSOM Community Osteopathic Manipulative Medicine Clinic
- Aided as a founding leader in the creation of the free student-run OMM clinic, and also acted as the primary manager for adoption and utilization of an Electronic Medical Record system, beginning operation in 2013 at RowanSOM. Led the student planning group that assisted in ensuring the clinic met HIPAA requirements for its record-keeping purposes.
- 2012-2013 **First Year Public Relations Chair**
Student Osteopathic Medical Association, UMDNJ-SOM Chapter
- Maintained communication between the class of 2016 and the local chapter. Created and organized the Clinical Procedures program centered on teaching clinical procedure skills such as thoracentesis and cricothyrotomy to pre-clinical medical students.

COMMUNITY SERVICE

- 2018 **Missionaries of the Poor Mission Clinic, Kingston, Jamaica**
Resident Physician Volunteer
- Provided medical, diagnostic, and simple procedural care to underserved and impoverished population at a permanent clinic in Kingston for a week-long service trip. Part of an ongoing project to provide low-cost or free medical care to the people of the Jamaican capitol.
- 2016 **DOCARE International & ASSADE Clinic, San Andrés Itzapa, Chimaltenango, Guatemala**
Medical Student Volunteer
- Served as a physician extender at a permanent clinic in the rural, medically underserved western highlands for one month. Examined patients, conducted clinical ultrasound exams, and worked closely with the staff physician in an almost exclusively Spanish-speaking environment. Organized and executed a service project to teach over 100 local schoolchildren in small groups about sexually transmitted infections and family planning.
- 2013-2015 **Community Osteopathic Manipulative Medicine Clinic, Stratford, NJ**
Clinic Administrator & Student Doctor
- Created and refined procedures and policies for patient intake and student doctor workflow as a founding executive member of the clinic in charge of electronic records. Additionally responsible for patient examinations and care as a regular member of the student treatment team within the clinic.

SELECTED PRESENTATIONS

2019	Idiopathic Inflammatory Myopathy and Rapidly Progressive ILD in the ICU
2020	Hemophagocytic Lymphohistiocytosis Precipitated by Tuberculosis
2020	Novel and Endemic Respiratory Viral Diseases
2020	Approach to the Acute Presentation of Malignant Central Airway Occlusion
2021	Evaluation and Treatment of Sickle Cell Disease Pulmonary Hypertension
2021	Bullous Lung Disease

COMMITTEE MEMBERSHIPS

Regional

New Jersey Association of Osteopathic Physicians and Surgeons

2016-2019	Technology Committee
2015-2019	Resolutions Committee
2015-2019	Affairs Committee

Institutional

Cooper University Healthcare

2017-2019	Resident Sepsis Champion
2016-2019	GME QI Steering Committee
2016-2019	Housestaff Council
2016	Event & Activity Reporting System Focus Group

PROFESSIONAL AFFILIATIONS

American College of Chest Physicians
American Osteopathic Association
Drinker Society for Critical Care in Philadelphia
New Jersey Association of Osteopathic Physicians and Surgeons
Pennsylvania Osteopathic Medical Association
Society of Critical Care Medicine

HONORS, AWARDS, & FELLOWSHIPS

- 2017-2018 **American Osteopathic Association Training in Policy Studies Fellowship**
Accepted into a year-long national leadership training program designed to give osteopathic physicians skills to analyze, formulate and implement health policy.
- 2016 **American Osteopathic Foundation Blubaugh/Grogg HOPE Grant**
Honored with a national grant aimed to empower members of the osteopathic profession to provide voluntary medical support on humanitarian medical service trips.
- 2015, 2016 **RowanSOM Alumni Association Student Scholarship**
Recognized two consecutive years for excellence in and out of the classroom. Selection factors included academic progress, and support of alumni and school activities.
- 2014 **Omega Beta Iota**
Inducted into the national honor society for osteopathic students who demonstrate excellence and commitment to physician positive change in healthcare politics.
- 2014 **Council of Osteopathic Student Government Presidents TOUCH Silver Award**
Awarded the national Translating Osteopathic Understanding into Community Health Silver Award for completing over 50 hours of community service during the prior year.
- 2013 **UMDNJ-SOM Summer Medical Research Fellowship**
Awarded a funded position with a SOM faculty mentor on a research project to promote and facilitate education in scientific research activities at a professional level.
- 2006 **Eagle Scout Award**
Earned the highest distinction offered by the Boy Scouts of America for planning, leading, and completing a community service project, among many other requirements.

SPECIAL SKILLS & HOBBIES

- Computer/Programming skills:
 - Competent in HTML, Javascript, PHP, and the Java programming language.
 - Proficient with Microsoft Office Suite, many GNU/Linux distributions, SQL Database software, and Adobe Photoshop software.
- Two-time half marathon finisher since 2017
- Amateur harmonica player since 2012
- Boat Safety Certified by the state of New Jersey since 2012
- Professional Association of Diving Instructors certified Open Water Scuba Diver since 2019
- Moderate proficiency in conversational and medical Spanish (from work experience & international clinical coursework)