

MARICHELLE PITA

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EDUCATION

NYIT College of Osteopathic Medicine (NYITCOM) Old Westbury, NY

- Doctor of Osteopathic Medicine (D.O.), anticipated May 2024
- Master of Science in Academic Medicine (M.S.), anticipated May 2024
- Master of Business Administration (M.B.A.), Management, *With Distinction*, May 2023

Academic Medicine Scholar, January - December 2022

- Selected to participate in a competitive scholarship program which prepares students for a career in academic medicine through research, teaching, and clinical activities (culminates in an MS in Academic Medicine in conjunction with a DO)

Accomplishments:

- Academic Medicine Scholarship (3rd and 4th years of medical school)
- TOUCH Gold Award 2022 - 2023 (among top 5 volunteers for contributing 124 community service hours) / TOUCH Platinum Award 2021 - 2022 (the only recipient of the highest community service honor for 147 volunteer hours) / Participation Award 2020 - 2021 (for service)
- Spirit Award 2022 (for passion, pride, and positively representing the school)
- Nominated for Student Doctor of the Year 2023 for exemplifying leadership and commitment to community service.

Lehman College, City University of New York (CUNY) Bronx, NY

Bachelor of Arts (B.A.) Biology / Bachelor of Arts (B.A.) French, *Cum Laude*, September 2015

Minor: Creative Writing

- Honors thesis: "La modernité, l'homme du monde et la littérature française"
- Departmental Honors in French, 2015
- Elizabeth S. & Henry Peter's Prize for Excellence in French language and literature, 2015
- Dean's List, 2010 - 2015
- National Society of Collegiate Society, 2014
- Golden Key International Honor Society, 2011

Study Abroad: Université Paris-Est Créteil Val de Marne Paris, Île-de-France

CUNY Paris Exchange Program, French language and literature, January - July 2014

SCHOLARSHIP AND GRANTS

2021 - present: NYITCOM Academic Medicine Scholarship

2022: American Heart Association (AHA) Kidney Council New Investigator Travel Award

2022: Louisa Burns Osteopathic Research Committee - Awarded 2nd Place for Education and Public Health Research

RESEARCH EXPERIENCE

NYITCOM Old Westbury, NY

Academic Medicine Scholar Research Assistant - Department of Biomedical Sciences, January - December 2022

Mentor: Maria Alicia Carrillo Sepulveda, Ph.D.

Project Title: "Excessive perirenal adipose tissue is associated with hypertension in pre-clinical model of obesity"

- Investigated the potential role of perirenal adipose tissue in obesity-related hypertension.
- Performed data analysis and experimental procedures.
- Trained first, second, and third year medical students in pulse wave echocardiography and telemetry.

Medical Student Researcher - Department of Osteopathic Manipulative Medicine, January - December 2022

Mentor: Jayme Mancini, D.O., Ph.D.

Project Title: "Medical Students Learning Physical Exam and Health Through Research on Prevalence of Sacroiliac and Pubic Symphysis Joint Shears in Chronic Low Back Pain and Impaired Single Leg Balance."

- Analyzed data collected from second year students during osteopathic medicine lab exercise.
- Abstract submitted and accepted for poster presentation at Academy of Osteopathy Convocation 2022.

Medical Student Researcher - Department of Anatomy, February - October 2020

Mentor: Akinobu Watanabe, Ph.D.

Project Title: "Anatomize: A New Educational App for Learning Human Anatomy"

- Developed sketches of arteries, veins, and nerves for a new software program for learning human anatomy.

RESEARCH EXPERIENCE (cont'd)

Mount Sinai South Nassau Family Medicine Oceanside, NY

Medical Student Researcher - Department of Family Medicine, October 2021 - March 2022

Mentor: Jason Pyon, M.D.

Project Title: "Hypertension Performance Improvement Project"

- Counseled patients on the role of exercise and healthy diet in achieving adequate blood pressure control.
- Analyzed data to determine the impact of patient education and lifestyle modifications in managing hypertension.

POSTER PRESENTATIONS

Phenotypic Changes in Mesenteric White Adipose Tissue (mWAT): A Potential Culprit Contributing to Increased Vascular Resistance in Obese Female Mice.

Zaletska, Anastasia, Maddie, Nicole, Lee, Shang, **Pita, Marichelle Renee**, Sepulveda, Maria Alicia Carrillo.

- Presented by Anastasia Zaletska at the **American Physiological Society Summit** Long Beach, CA (April 2023)

Asprosin in Perirenal Adipose Tissue as a Potential Doorway to Obesity-Related Insulin Resistance in Male Mice

Jacob, Berlin, Pita, **Marichelle Renee T.**, Sepulveda, Maria Alicia Carrillo

- Presented by Berlin Jacob at the **American Physiological Society Summit** Long Beach, CA (April 2023)

Increased TLR4 in Perirenal Adipose Tissue Is Associated With Elevated Systolic Blood Pressure In Obese Mice

Pita, Marichelle Renee T., Maddie, Nicole, Sepulveda, Maria Alicia Carrillo

- **NYITCOM Research Symposium** New York, NY (November 2022)
- **American Heart Association Hypertension 2022 Scientific Sessions**, San Diego, CA (September 2022)
 - Awarded the Kidney Council New Investigator Travel Award.

Medical Students Learn Physical Exam and Health through Research on Prevalence of Sacroiliac and Pubic Symphysis Joint Shears in Chronic Low Back Pain and Impaired Single Leg Balance

Pita, Marichelle Renee T., Mancini, Jayme, Jung, Min-Kyung

- **NYIT Symposium of University Research and Creative Expression** New York, NY (April 2022)
- **Academy of Osteopathy Convocation** Orlando, FL (March 2022)
 - Awarded 2nd place for student educational research poster category.

Interventions for Lifestyle Modification in Hypertension Management

Tang, Kendi, Moya, Diane, **Pita, Marichelle Renee T.**, Pyon, Jason, Puello, Persis, Sandowski, Samuel, Natoli, Leticia

- Presented by Jason Pyon, MD at **Mount Sinai South Nassau Symposium** Oceanside, NY (February 2022)

PUBLICATIONS

Pita, Marichelle Renee. (2023)

Post-Stroke Cognitive Impairment and Sensorimotor Adaptation in the Unaffected Arm. *Rehab in Review.*

Pita, Marichelle Renee. (2023).

Prostate Cancer. *Springer Nature Encyclopedia of Sexual Psychology and Behavior*

Jacob, Berlin, **Pita, Marichelle Renee T.** (2023)

Prolactin. *Springer Nature Encyclopedia of Sexual Psychology and Behavior*

Pita, Marichelle Renee T. (2022).

Dhat Syndrome. *Springer Nature Encyclopedia of Sexual Psychology and Behavior*

Pyon, Jason, **Pita, Marichelle Renee T.** (2022) *Magill's Medical Guide 9th Edition* - Grey House Publishing, Inc.

- Viral Infections
- Tennis Elbow
- Sports Medicine

Damaraju, Meghana, **Pita, Marichelle Renee T.**, Frankini, Elisabeth L, Granatosky, Michael C. (2021)

Megachiroptera Locomotion. *Encyclopedia of Animal Cognition and Behavior.* Springer, Cham.

PUBLICATIONS (cont'd)

Savallo, Michael., **Pita, Marichelle Renee T.**, Batista, Noelle J., Granatosky, Michael C. (2020) Hominoidea Locomotion. *Encyclopedia of Animal Cognition and Behavior*. Springer, Cham.

Pita, Marichelle Renee T. "A Hymn of Trance." *Obscura: The Literary Magazine of Lehman College*, 2013; 4: 13.

ABSTRACTS

Jacob, Berlin, **Pita, Marichelle Renee**, Maddie, Nicole, Cai, Weikang, Sepulveda, Maria Alicia Carillo. *Physiology*. American Physiology Society, 2023; 38:S1. <https://doi.org/10.1152/physiol.2023.38.S1.5734834>

Perirenal Adipose Tissue (PRAT)-derived Asprosin as a Potential Doorway to Obesity-Related Insulin Resistance in Male Mice.

Zaletska, Anastasia, Maddie, Nicole, Lee, Shang, **Pita, Marichelle Renee**, Sepulveda, Maria Alicia Carillo. *Physiology*. American Physiology Society, 2023; 38:S1. <https://doi.org/10.1152/physiol.2023.38.S1.5734342>

Phenotypic Changes in Mesenteric White Adipose Tissue (mWAT): A Potential Culprit Contributing to Increased Vascular Resistance in Obese Female Mice.

Pita, Marichelle Renee, Maddie, Nicole, Sepulveda, Maria Alicia Carillo. *Hypertension*. American Heart Association, 2022; 79 (Suppl_1). https://doi.org/10.1161/hyp.79.suppl_1.p034

Increased Toll-Like Receptor 4 in Perirenal Adipose Tissue is Associated with Elevated Systolic Blood Pressure In Obese Mice

WORK EXPERIENCE

ScribeAmerica NY

Special Operations Ambassador, January 2022 - March 2023

- Trained medical scribes to complete medical charts and assist the healthcare staff with workflow.
- Conducted quality assurance review and design and implemented training sessions to improve the scribe program.
- Designed pre-clinical scribe bridge curriculum and course materials for new medical scribes.
- Led pre-clinical scribe bridge curriculum and trained scribe managers on best practices for teaching scribes.

Senior Hiring Manager/Recruitment Manager - Northeast, January - August 2019

- Supervised hiring and recruiting for 1,471 ScribeAmerica sites in the Northeast.
- Managed 20 scribe hiring managers and recruiting associates in NY, NJ, PA, VT, NH, MA, and CT.
- Improved staffing and retention by collaborating with directors of operations and regional managers.
- Devised and executed strategic recruitment plans, improving scribe staffing and retention.
- Led continuing hiring and recruitment education sessions and provided Applicant Tracking System training.

Project Manager, August 2016 - April 2019

- Implemented scribe programs in various specialties such as general surgery, internal medicine, and gastroenterology.
- Trained new medical scribes to complete charts and assist with clinic workflow.
- Conducted quality assurance review of the medical scribe program.

Hiring Manager - New York Medical Scribe, August 2016 - February 2019

- Established an efficient hiring and recruiting process for scribe shifts at 70+ hospitals and clinics in NY.
- Recruited candidates by attending career fairs and leading information sessions.
- Managed application review, interviews, and on-boarding process for new medical scribes.
- Taught medical terminology, pathophysiology, and electronic medical charting to scribes.

Scribe - Emergency Medicine, September 2015 - April 2019

- Completed medical charts at New York Presbyterian Weill Cornell Medical Center and Lower Manhattan Hospital.
- Trained scribes to complete charts and assist with department workflow.

Scribe - Outpatient, August 2016 - April 2019

- Documented encounters in orthopedic surgery, internal and family medicine, gastroenterology, and gynecology.

CUNY Service Corps: New York Cares New York, NY

Children's Programs Associate, September 2014 - May 2015

- Refined children's education volunteer programs and led orientation sessions for new volunteers.

MEDICAL SCHOOL TEACHING EXPERIENCE

Gross Anatomy Lab Teaching Scholar for 300+ 1st year medical students

- Performed prosections, presented cadaveric demonstrations, guided students with dissections during head and neck anatomy block, October - December 2022
 - Superficial neck, anterior triangle of neck, thyroid, parathyroid glands, root of neck
 - Face, parotid region, scalp, temporal and infratemporal regions
 - Pharynx, nose and nasal cavity, palate and pterygopalatine fossa, oral region, larynx, ear
 - Interior of skull, cranial fossae, orbit
- Created prosection scripts and recorded prosection videos
 - Scalp, face and parotid, and temporal regions.

Lectures for 300+ 1st and 2nd year medical students

- Created presentation slides and study materials for the following lectures:
 - Cardiovascular:
 - Arterial blood pressure regulation, August 2022
 - Microbiology:
 - Hemorrhagic viral infections, May 2022
 - Emerging bloodborne bacterial / viral / protozoal / global / parasitic infections, May 2022

Doctor-Patient Relations (DPR)

- Facilitated small group, case-based discussions with 1st year medical students.
- Demonstrated clinical skills in front of 150+ medical students.
 - Gastrointestinal clinical decision making and patient cases, December 9, 2022
 - Respiratory clinical skills, October 4, 2022
 - Cardiovascular and peripheral vascular system clinical skills, September 13, 2022
 - Writing medical charts, August 23, 2022
 - Neurology clinical decision making, patient cases on “Weakness”, March 8, 2022
 - Musculoskeletal exam of the shoulder and elbow, March 1, 2022
 - Geriatrics exam, February 22, 2022
 - Neurological exam of the sensory system and special neurological tests, February 15, 2022
 - Formative assessment of clinical skills, February 8, 2022
 - Neurological exam of motor system, gait, coordination, and deep tendon reflexes, February 1, 2022
 - Neurological exam of the cranial nerves, January 25, 2022
- Led mannequin-based simulation laboratory sessions for the following:
 - Respiratory clinical skills, October 11, 2022
 - Cardiovascular and peripheral vascular system clinical skills, September 27, 2022

Osteopathic Manipulative Medicine (OMM) Lab Lead for 300+ medical students

- Laboratory sessions:
 - Lumbar diagnosis and lumbar soft tissue treatment - November 9, 2022
 - Lymphatic techniques, submandibular myofascial release (MFR) - October 13, 2022
 - Still Technique for Cervical, Lumbar, Thoracic, Innominate, and Ribs - September 15, 2022
 - Elbow and wrist muscle energy technique (MET), April 13, 2022
 - Pelvic counterstrain and myofascial release (MFR) of the hips, March 3, 2022
 - Prepared the class presentation materials and compile a list of resources
 - Demonstrated treatment/techniques in front of the faculty and 1^s and 2nd year students
 - Wrote boards-style and pre-laboratory session quiz questions

OMM Lab Table Trainer for 60 1st and 2nd year medical students

- Led office hours sessions for 1st and 2nd year students on the following dates:
 - Fall semester: November 30, 2022, October 31, October 12, September 14, August 24
 - Spring semester: May 23, 2022, April 13, February 23, February 2

MEDICAL SCHOOL TEACHING EXPERIENCE (cont'd)

- Taught 1st and 2nd year students OMM diagnosis and treatment in the following lab sessions:
 - Pneumonia cases, December 8, 2022
 - Congestive heart failure cases, popliteal release, December 1, 2022
 - Lumbar HVLA, posterior lumbar counterstrain, November 30, 2022
 - OB/GYN Cases: Inhibition, pelvic diaphragm release, November 17, 2022
 - Lumbar MET, anterior lumbar counterstrain, November 16, 2022
 - Asthma / COPD cases, rib raising, MFR for sternum and scapula, seated doming of diaphragm, November 10
 - Lumbar diagnosis and lumbar soft tissue treatment, November 9, 2022
 - Areas of Greatest Restriction and Key Lesion, October 27, 2022
 - Cervical HVLA, cervical counterstrain, October 26, 2022
 - Visceral techniques: Ganglia release, liver motility, liver pump, splenic pump, October 20, 2022
 - Cervical soft tissue, cervical MET, October 19, 2022
 - Lymphatic techniques, submandibular MFR, October 12, 2022
 - Cervical diagnosis, October 12, 2022
 - Articulatory to thoracic spine, ribs, ulna, and MFR for diaphragms and transition areas, October 6, 2022
 - Rib HVLA, anterior and posterior rib counterstrain, October 5, 2022
 - Still Technique for Cervical, Lumbar, Thoracic, Innominate, and Ribs - September 29, 2022
 - Rib MET, September 28, 2022
 - Facilitated Positional Release (FPR) for cervical and thoracic spine, September 15, 2022
 - Rib diagnosis, September 14, 2022
 - Frontal lift, parietal lift, occipitomastoid suture V-spread, suture disengagement, September 1, 2022
 - Thoracic MET, anterior thoracic counterstrain, thoracic High-velocity low amplitude (HVLA), August 31, 2022
 - Palpation and treatment of cranial strain patterns, condylar decompression, and CV4, August 25, 2022
 - Thoracic diagnosis, August 24, 2022
 - Cranial diagnosis, August 18, 2022
 - Palpation, tissue texture changes, and thoracic soft tissue treatment, August 17, 2022
 - Find and Fix OMT laboratory session, May 18, 2022
 - Lower extremity HVLA and counterstrain, May 11, 2022
 - Lower extremity diagnosis and MET, May 4, 2022
 - Find and Fix: Post-operative OBGYN OMT, April 21, 2022
 - Elbow and wrist HVLA and counterstrain, April 20, 2022
 - HVLA for the extremities, April 14, 2022
 - Elbow and wrist MET, April 13, 2022
 - OMT for the obstetric patient, April 7, 2022
 - Elbow and wrist diagnosis, April 6, 2022
 - Acromioclavicular, sternoclavicular, glenohumeral joint diagnosis, March 2, 2022
 - Pelvic counterstrain and MFR of the hips, March 3, 2022
 - Acromioclavicular, sternoclavicular, glenohumeral joint MET, March 9, 2022
 - MET and MFR for the pelvis, March 10, 2022
 - Shoulder counterstrain, March 30, 2022
 - HVLA for the innominates and MFR for the ankle and foot, March 31, 2022
 - Sacrum diagnosis, February 2, 2022
 - MET for the sacrum: part 2, February 23, 2022
 - Pediatric OMM techniques, February 17, 2022
 - MET for the sacrum: part 1, February 16, 2022
 - Lower back pain integration, February 3, 2022
 - OMM for the GI patient and lymphatic techniques, February 24, 2022
 - Applications of principles of counterstrain, MET, and FPR, January 27, 2022
 - HVLA for the innominates and counterstrain for pelvis, January 26, 2022
 - Pelvic diaphragm release and MFR for the upper extremities, January 20, 2022
 - MET for the innominates, January 19, 2022

CO-CURRICULAR AND VOLUNTEER ACTIVITIES

New York State Physical Medicine and Rehabilitation (NYSPMR)

Medical Student Volunteer, April 2023 - Present

- Write boards-style questions on various physical medicine and rehabilitation topics for NYSPMR's question bank.

Montefiore Rehab Adaptive Sports Expo Bronx, NY

Medical Student Volunteer, April 2023 - Present

- Support athletes during monthly games of wheelchair basketball, softball, and tennis.
- Welcome the athletes and their families at the sign-in station and assist with set up and clean up.

Habitat for Humanity Huntington Station, NY

Medical Student Volunteer, April 2023

- Helped renovate and paint a house for an underprivileged family.

D.O. or Do Not Podcast NY

Producer - December 2022 - Present

- Lead a team of volunteers collaborating to create content centered on osteopathic physicians' journeys.
- Facilitate collaboration by establishing an efficient workflow and maintaining shared documents.

National Society of Collegiate Scholars New York, NY

Scholarship Reviewer, June 2018 - Present

- Review application essays to help determine scholarship winners.

NYITCOM Old Westbury, NY

Sports Medicine Volunteer - New York Institute of Technology, July 2023 - Present

- Perform pre-sports participation exam for athletes participating in mixed martial arts, kickboxing, and pro-wrestling.
- Examine the athletes after each match and evaluate injured athletes alongside the attending physician.

Student Academic Leader - Office of Academic Affairs, July 2022 - May 2023

- Collaborate on the compilation of boards-style questions for 1st and 2nd year medical school curriculum

E-Board Officer - AUTI-Motion, December 2021 - Present

- Lead dance movement classes (Zoom) to promote social development and companionship for individuals with autism.

Scholar Representative - National Undergraduate Fellows Association (NUFA), January - December 2022

- Represented NYITCOM's Academic Medicine Scholar Class on the NUFA Council.

Volunteer - Rock Steady Buddies, July 2021 - June 2022

- Engaged in weekly virtual conversations with a patient with Parkinson's disease during the pandemic.

3rd Year Representative - Business & Medicine, August 2021 - May 2022

- Represented 3rd year medical students at organization meetings and plan and promote events.

Mentor - Student National Medical Association (SNMA), October 2020 - May 2022

- Mentored pre-medical students from underrepresented minority and disadvantaged backgrounds.
- Provided students with monthly support, advice, resources, and guidance in their journey to medicine.

Mentor - Big Brother & Big Sister Program, October 2020 - May 2022

- Mentored 1st and 2nd year students, via emails, texts, and calls to provide them with resources to succeed.

Mentor - Student Osteopathic Medical Association (SOMA), July 2020 - May 2022

- Mentored pre-medical and medical students at NYIT and discussed medical board exam preparation as a guest speaker.

CO-CURRICULAR AND VOLUNTEER ACTIVITIES (cont'd)

Vice President - Business & Medicine, August 2020 - May 2021

- Co-founded the organization to inform students of healthcare and business topics
- Planned and promoted events and reached out to potential guest speakers.

Medical Student Ambassador, February 2020 - May 2021

- Represented the medical school at recruitment and admission events.

Contributor and Collaboration Manager - Medical Boarditis, July 2020 - January 2021

- Facilitated collaborative work by establishing an efficient workflow and managing shared documents.

Leader - Orientation, June - August 2020

- Helped incoming medical students adjust to a uniquely challenging semester amid the first year of the pandemic.

Volunteer - NYIT Community Free Clinic, May - June 2020

- Evaluated patients, documented notes, and presented cases to the attending physician.

Volunteer - Rock Steady Boxing, December 2019 - March 2020

- Supported patients with Parkinson's disease during a class designed to improve motor function.

I'RAISE Girls & Boys International Corporation NY

Volunteer - Medical Sciences Instructor, July - December 2022

- Designed medical sciences curriculum for high school students.
- Taught medical sciences classes and created assessment tools for students.

American Medical Student Association (AMSA) New York, NY

Mentor - AMSA Premed Mentorship Program, July 2021 - July 2022

- Mentored pre-medical students and prepared them for the MCAT and applications through monthly check-in calls.
- Reviewed medical school application materials and provided feedback and resources.

JerseySTEM, NJ

Head of Human Capital / Director of Human Resources (HR) - Pro-Bono Contributor, September - October 2022

- Strategized and provided direction for the development and implementation of HR policies and operations.
- Oversaw the development and implementation of HR operations workflow to support volunteer recruitment and enhance volunteer experience, engagement, and retention.

Recruiting Manager - Pro-Bono Contributor, August 2020 - August 2022

- Led and trained a team of cross-functional recruiters and collaborated with department heads.
- Reviewed applications and conducted interviews for volunteer roles.

Prescribe It Forward New York, NY

Mentor - Prescribe It Forward, July 2020 - July 2022

- Mentored pre-medical students monthly as they embarked on their journey to becoming medical students.
- Supported students during the application cycle through mock interviews and application material review.

Special Olympics: Healthy Athletes Station New York, NY

Volunteer, December 2019

- Performed blood pressure measurements and nutrition counseling for participants with disabilities.

New York Cares New York, NY

Team Leader - Harlem Job Readiness Project, October 2018 - February 2019

- Led volunteers in a job application assistance program for adults with employment barriers.

Site Captain - New York Cares Day, October 2012 and 2018

- Operated logistics and led 80+ volunteers in revitalizing public schools in New York City.

CO-CURRICULAR AND VOLUNTEER ACTIVITIES (cont'd)

New York Cares New York, NY

Team Leader - Kids Enjoy Exercise Now (KEEN) Fitness Program, November 2017 - March 2018

- Collaborated with physical therapists and led volunteers in delivering a fitness program for youth with disabilities.

Team Leader - Children's Programs, September 2015 - June 2016

- Tutored students (K - 6) in science, math, reading, and essay writing.
- Led volunteers in programs such as Lego robotics and Play and Read.

Team Leader - Computer Tutorial Project, September 2012 - December 2013; September - December 2014

- Led a group of volunteers teaching adults and seniors how to use Microsoft Office and the Internet.

Lehman College: Francophone Club Bronx, NY

Secretary - Vice President, January 2013 - May 2015

- Re-established the club to promote the French language and Francophone culture.
- Planned club activities, designed event flyers, and led bi-weekly French conversation groups.

Les Restaurants du Cœur Paris, Île-de-France

- Set up, distributed food, and cleaned up during weekly food distribution at Gare St-Lazare.

American Red Cross New York, NY

Volunteer - Disaster Response, November 2011 - August 2013

- Responded to fires, building collapses, and other emergencies, ensuring immediate needs are met.

ADVOCACY EXPERIENCE

Physician Advocacy Day Albany, NY

Participant, March 4, 2020

- Encouraged senators and assembly members to support legislation related to the practice of medicine.
- Listened to panel discussions on healthcare issues.

PHYSICIAN SHADOWING EXPERIENCE

Academic Medicine Scholars Program Clinic Sessions Old Westbury, NY

Academic Medicine Scholar, May - November 2022

- Shadowed physicians in neurology, family medicine, and osteopathic medicine.
- Rotated at Nassau University Medical Center's emergency department and presented clinical cases.

Atlantis Research Fellowship Coimbra, Portugal

Fellow, July - August 2018

- Shadowed in orthopedic and cardiothoracic surgery, nuclear medicine, cardiology, gynecology, and anesthesiology
- Learned research methods by shadowing scientists in neurology and hematology.

INTERNSHIP EXPERIENCE

Children's Cancer and Blood Foundation New York, NY

Intern - Special Events, October 2015 - February 2016

- Expedited fundraising preparations, and wrote and edited the organization's newsletters.

New York Presbyterian New York, NY

Intern - Emergency Department - Columbia University Medical Center, April 2012 - April 2013

- Assisted with basic patient care in the emergency room and liaised among patients, families, and medical staff.

Intern - Nursing Unit - The Allen Hospital, April 2012 - April 2013

- Helped the staff to care for patients and perform clerical duties, including organizing records.

CERTIFICATION / HEALTH-RELATED LICENSES

NYS Mandated Reporter: Identification and Reporting of Child Abuse and Maltreatment, 2022
Health Insurance Portability and Accountability Act (HIPAA), 2022
Advanced Cardiovascular Life Support (ACLS) and Basic Life Support (BLS), 2022
Naloxone/Narcan Administration Training: NYSDOH Registered Opioid Overdose Program, 2021
FEMA Emergency Management Institute Course, 2021
Collaborative Institutional Training Initiative (CITI): Responsible Care & Use of Laboratory Animals, 2021
COVID-19 Contact Tracing, 2020
CITI: Biomedical Researchers and Key Personnel, Human Subject Research, 2020
Osteopathic Manipulative Medicine Summer Enrichment Preceptorship Program, 2020
Design and Interpretation of Clinical Research, 2020

PROFESSIONAL ORGANIZATIONS

New York Society of Physical Medicine and Rehabilitation (NYSPMR)
American Medical Association
American Heart Association
American Academy of Physical Medicine and Rehabilitation (AAPMR)
American Osteopathic Association
American Osteopathic College of Physical Medicine and Rehabilitation
American College of Physicians
American Academy of Family Physicians
American Academy of Osteopathy
Association of Academic Physiatrists
National Undergraduate Fellows Association
Student Osteopathic Medical Association
Medical Society of the State of New York

PROFESSIONAL DEVELOPMENT

AAPMR Member May: Steroid Myopathy and Muscle Wasting in Pediatric and Adult Cancer Patients, May 2023
AAPMR Member May: Physician Roles in Adaptive Sports, May 2023
Pediatric Myopathies, Mercy Medical Center, March 2023
Pediatric Rehabilitation Burns, Mercy Medical Center, March 2023

LANGUAGE SKILLS

Fluent: Tagalog
Conversational: French
Basic Knowledge: Spanish, Portuguese

LABORATORY SKILLS

Myograph vascular reactivity studies and analysis
Intraperitoneal glucose tolerance testing in mice
Pulse wave velocity acquisition and analysis in mice
Microvascular surgery for implantation of pressure catheter in mice
Radiotelemetry for arterial blood pressure measurement in mice
Rodent dissection for organ collection
Cryostat histology
Graph Pad Prism and Biorender Applications

INTERESTS

Oil painting, Pencil drawing, Kickboxing, Traveling, Volunteering, Foreign languages, Knitting