

RWJBarnabas HEALTH

Residency Annual Report

2018-2019

Pharmacy Residency Programs:

1. Barnabas Health Behavioral Health Center
2. Clara Maass Medical Center
3. Community Medical Center
4. Jersey City Medical Center
5. Monmouth Medical Center
6. Newark Beth Israel Medical Center
7. RWJ University Hospital New Brunswick
8. RWJ University Hospital Somerset
9. Saint Barnabas Medical Center

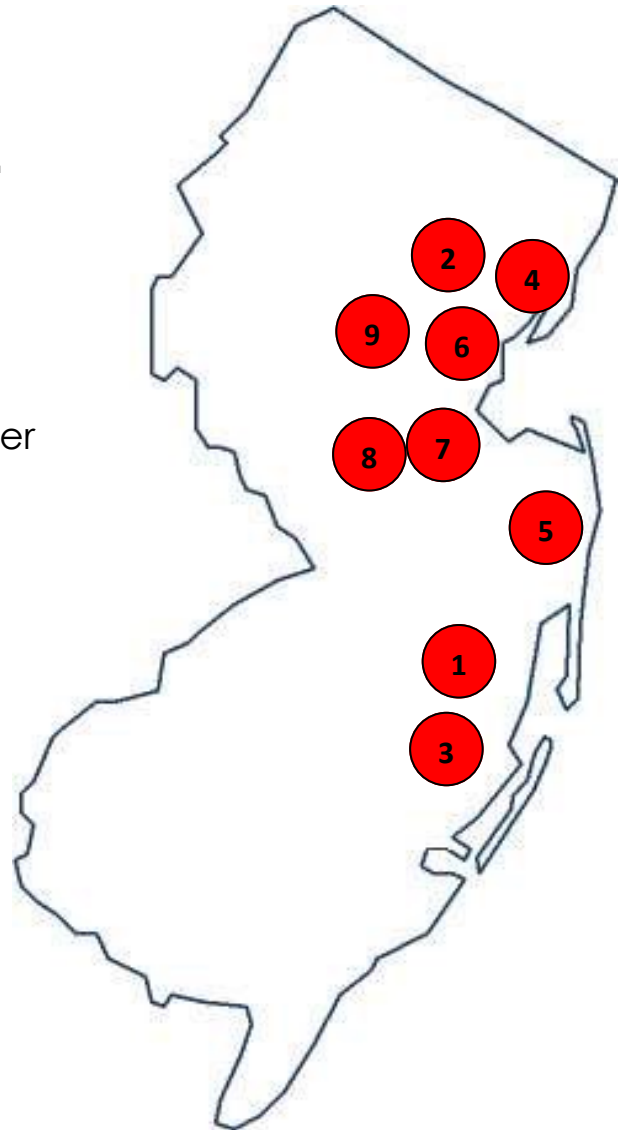


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Pharmacy Residency Program Information

RWJBarnabas Health offers American Society of Health-System Pharmacists (ASHP)-accredited PGY-1 and PGY-2 pharmacy residency programs. Through these programs, residents are given the opportunity to work in interdisciplinary care teams to enhance their skills in evidence-based, patient-centered medication management, and to perform pharmacy practice research that is presented at ASHP's Midyear Meeting and at the Eastern States Conference for Pharmacy Residents and Preceptors.

The purpose of a pharmacy residency is to train highly motivated, team-oriented pharmacy residents on advanced patient care skills, teaching techniques, and practice-based research methods, preparing them to be leaders of change in the medical and academic communities. The residency provides residents the opportunity to participate in multidisciplinary practice and has been designed to meet all standards and requirements of the American Society of Health-System Pharmacists.

Learning experiences offered include: Administration, Ambulatory Care, Cardiology, Community Outreach, Critical Care, Drug Information, Emergency Medicine, General Hospital Pharmacy, Infectious Disease, Internal Medicine, Oncology, Pediatrics, and Transplant

As of 2018, each RWJBarnabas Health Facility offers the following number of PGY-1 pharmacy residency positions per year:

- Barnabas Health Behavioral Health Center: One
- Clara Maass Medical Center: Two
- Community Medical Center: Two
- Jersey City Medical Center: Two
- Monmouth Medical Center: Two
- Newark Beth Israel Medical Center: Two
- RWJ New Brunswick: Two
- RWJ Somerset: Two
- Saint Barnabas Medical Center: Four

As of 2018, each of the RWJBarnabas Health Facility offers the following number of PGY-2 pharmacy residency positions per year:

- Barnabas Health Behavioral Health Center: One - Psychiatry
- Community Medical Center: One - Critical Care
- Corporate Pharmacy: One - Ambulatory Care
- Saint Barnabas Medical Center: One - Geriatrics

Additionally, the following sites serve as primary training locations for the listed Rutgers University PGY-2 programs:

- Monmouth Medical Center: One - Neuropsychiatry
- RWJ New Brunswick: Two - Emergency Medicine
- RWJ New Brunswick: Two - Drug Information
- Saint Barnabas Medical Center: One - Pediatrics

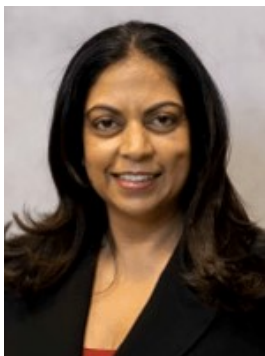
Robert T. Adamson, PharmD, FASHP
Senior Vice President and
Chief Pharmacy Officer at
RWJBarnabas Health



“Pharmacy graduates who take the additional step of residency have the opportunity to apply the knowledge and skills learned in school to real patients, situations, and settings. Our residents provide research that has a legacy of providing patient safety, outcomes and education to all of our practitioners.”

- **Robert Adamson**

Indu Lew, PharmD
Corporate Vice President of Clinical
Pharmacy Services at RWJBarnabas Health
Chair of the Clinical Pharmacy Council



“You have all had varied experiences over the last year, which continues to mold and influence how you are as a person. As you embark on different journeys this July, remember to embrace the “3 P’s”: Align your **passion** with **purpose** on the foundation of a **plan** and you will find fulfillment in whatever you choose in life. I wish you all the greatest success.”

- **Indu Lew**

Barnabas Health Behavioral Health Center

RWJBarnabas
HEALTH

Kim Walsh, RPh

Director of Pharmacy Operations,
PGY-1 Pharmacy Residency
Program Director

Henry Leach, PharmD
Clinical Coordinator



Barnabas Health Behavioral Health Center is a free-standing, 100-bed, acute care psychiatric hospital located in Toms River, NJ; it is part of RWJBarnabas Health, which is the largest healthcare system in New Jersey. The RWJBarnabas Behavioral Health Network is focused on providing their patients unparalleled expertise and stigma-free mental health services through quality inpatient programs or structured outpatient services. Their focus is on high-quality, cost-effective behavioral health programs that not only help clients address the challenges they currently face, but also help them thrive and maintain health through all the seasons of life. Some of the rotations that are offered at this site include: Geriatric Psychiatry, Adult Psychiatry, Dual Diagnosis, Substance Use Disorder, Short Term Care/ Involuntary, Voluntary, and Integrated Health Home (IHH).

Edwina Leung

PGY-1 Pharmacy Resident



Edwina was born and raised in Honolulu, HI and received her BA and PharmD from the University of Hawaii at Hilo. Upon graduating from pharmacy school in 2015, she moved to San Francisco, CA and practiced as a community pharmacist. She is currently completing her PGY-1 pharmacy residency at Barnabas Behavioral Health in New Jersey, and will soon be returning back home to Hawaii to pursue a PGY-2 in Psychiatry. Edwina enjoys cooking/baking, hiking, exploring new places, and staying connected with her friends and family (especially her nieces and nephew).

Poster/presentations:

- Collaborative Approach Between Pharmacists and Nurses to Ensure Timely Medication Administration at an Acute Psychiatric Hospital
- Effect of New Jersey State Electronic Prescription Monitoring Mandate on Gabapentin Prescribing Pattern

What was your most memorable experience as a resident at RWJBH?

This residency program is one that really puts the residents first, and there are many experiences that Edwina enjoyed throughout the year. Particularly, she enjoyed attending leadership classes and the various pharmacy conferences. The leadership class encourages residents to be forward thinking and also promotes self-care. The conferences were a great opportunity to share the research that she worked on, as well as network with other health professionals from around the globe.

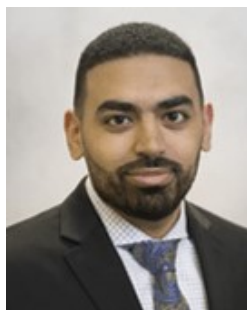
Mona Philips, RPh, MAS
Director of Pharmacy Services



Mitesh Patel, PharmD, BCCCP
Clinical Coordinator
PGY-1 Residency Program Director



Mark Attalla, PharmD
Pharmacy Operations Supervisor



Located in Belleville, NJ, Clara Maass Medical Center (CMMC), an RWJBarnabas Health facility, provides a complete continuum of care to residents of northern



New Jersey. CMMC is a 469-bed state-of-the-art campus with expansive and diverse services provided. The medical center is affiliated with multiple colleges of pharmacy which include Ernest Mario School of Pharmacy at Rutgers University, Philadelphia College of Pharmacy, and Farleigh Dickinson College of Pharmacy. The pharmacy residency program at Clara Maass provides an environment designed to produce competent and compassionate health system pharmacists. The pharmacy department has maintained an ASHP accredited PGY-1 residency program since 2007. The program includes a robust number of learning experiences in acute care that prepare the residents to practice in a varied and changing health care field. The learning experiences include Hospital Pharmacy, Internal Medicine I and II, Infectious Disease, Administration, Drug Information, Medical Emergency and Response, Emergency Medicine, Critical Care, and Cardiology. Highly qualified pharmacy specialists, all of which hold board certifications in their specialties, serve as preceptors for the residents.

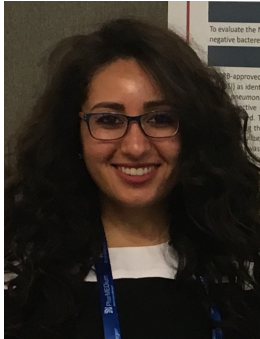
What advice do you have for this year's residents as they embark on their careers?

"Although the residency may be over, your development never ends. Great things happen to those who don't stop believing in themselves, trying, learning, and being thankful."

-Mitesh Patel

Jessica Gerges

PGY-1 Pharmacy Resident



Jessica is from San Francisco, CA and graduated from The University of Michigan College of Pharmacy. After residency, she will be staying at Clara Maass Medical Center as a part of their pharmacy team. Her pharmacy interests include emergency medicine and critical care. Her non-pharmacy interests include staying active (soccer, dance, kickboxing) and traveling.

What was your most memorable experience as a resident at RWJBH?

Jessica's most memorable experience as a resident was the wellness day leadership forum. She enjoyed taking some time to unwind, be active, and play with puppies.

Komal Nadeem

PGY-1 Pharmacy Resident



Komal was raised in Cherry Hill, NJ and received her PharmD from the Philadelphia College of Pharmacy in Philadelphia, PA. As a native of South Jersey, Komal enjoys taking trips to the city, eating great food, and going down to the shore a few times during the summer. She is an avid reader and enjoys watching various TV shows and movies. Komal has always desired to help people and knew from a young age that she would pursue a career in healthcare. Her primary interests include pediatrics and critical care. Following residency, she hopes to continue practicing in hospital pharmacy and become an excellent clinical pharmacist.

What was your most memorable experience as a resident at RWJBH?

Komal's most memorable experience as a resident has been responding to medical emergencies. Komal initially had little interest in critical care. However, after attending various medical emergencies throughout the institution, Komal has grown to appreciate and love critical care. Attendance at these codes has allowed Komal to become more comfortable making recommendations in stressful, emergent situations.

Jessica Hill, PharmD, BCPS, BCACP
PGY-1 Residency Director



Joseph Cavanaugh, PharmD,
BCPS, BCCCP
PGY-1 Residency Coordinator



Jesse Sullivan, PharmD, BCPS,
BCCCP
PGY-2 Critical Care
Residency Director



Community Medical Center is a fully accredited 596-bed, New Jersey's largest non-teaching acute care hospital and Ocean County's largest and most active health care facility. The hospital's mission is to enhance the overall health status of the community by providing the highest quality health care and related services including Continuing Medical Education. CMC has the busiest and largest ED department in the state providing excellent care to its largely geriatric population.



What advice do you have for this year's residents as they embark on their careers?

"Remember that at your core you are a leader, stay true to your mission, and never be afraid to take risks and apply yourself in new and creative ways. Take the path with twists, turns, setbacks and surprises as this will lead you to the greatest heights."

- Jessica Hill

"Challenge yourself in a new way every day, whether clinically, professionally or personally as this will allow you to continuously grow. This growth will open up new doors, some comfortable and some uncomfortable. I urge you to walk through the door of challenge and out of your comfort zone in order to be shaped into the best version of you possible."

- Joseph Cavanaugh

"Focus on growing a broad and solid foundation of experiences this year. This is the foundation on which your future career will be built. Go beyond the expectations of your preceptors and push yourself to expand your boundaries. Success is a deliberate action and never an accident."

- Jesse Sullivan

Kaliopé Damalás

PGY-1 Pharmacy Resident



Kaliopé is a first generation Greek-American and a New York native who received her Bachelor of Science in Allied Health Sciences and Biology from the University of Connecticut. She went on to complete her PharmD from Fairleigh Dickinson University School of Pharmacy & Health Sciences. After residency, Kaliopé plans on pursuing a clinical pharmacist position. Outside of pharmacy, Kaliopé loves to travel and experience new cultures. You can find her on the beach with a book in her hands or headphones on listening to a variety of podcasts. She is looking forward to exploring the world and going on more mission trips as a pharmacist.

What was your most memorable experience as a resident at RWJBH?

Kaliopé's most memorable experience as a resident has been having the opportunity to work with the technician training program.

Eka Beriashvili

PGY-1 Pharmacy Resident

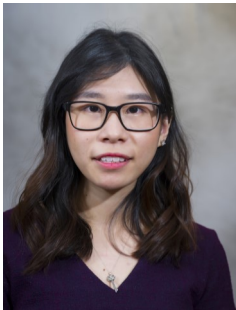


Eka graduated from Arnold & Marie Schwartz College of Pharmacy and Health Sciences at Long Island University located in Brooklyn, NY. Originally from Tbilisi, Georgia, Eka moved to the United States with her family at the age of 15. In her free time she enjoys spending time with family and friends, playing soccer and watching *Friends*. After the completion of PGY-1 residency, Eka will be pursuing PGY-2 Infectious Diseases Residency at James J. Peters VA Medical Center (Bronx VA) in Bronx, NY. Eka's interests include management of HIV/Hepatitis infectious syndromes and antimicrobial stewardship.

What was your most memorable experience as a resident at RWJBH?

Eka's most memorable experience was spending 4 weeks at the corporate office. How many residents can claim to have gotten daily life lessons and motivation from the Chief Pharmacy Officer of the largest healthcare system in the state of New Jersey?!

Stephanie Tchen
PGY-2 Critical Care
Pharmacy Resident



Stephanie Tchen, PharmD is the current PGY-2 critical care pharmacy resident at Community Medical Center in Toms River, New Jersey. She completed her PGY-1 pharmacy residency training at St. Peter's Hospital, a member of Trinity Health, in Albany, New York. Stephanie received her B.S. in Chemistry from Case Western Reserve University before eventually continuing her education at the University of Pittsburgh - School of Pharmacy, graduating with a Doctor of Pharmacy in 2017. Currently, her main interests are critical care, anticoagulation and cardiology. Outside of pharmacy, Stephanie enjoys exploring new restaurants and places, shopping for shoes, drawing and napping. Post-residency, her goal is to acquire a position as a clinical pharmacist in an acute care setting.

What has been your favorite thing about residency at RWJBH? What does residency mean to you?

My favorite thing about residency at RWJBH is being a part of an amazing hospital system. I truly enjoyed meeting all of the residents within the system and having the opportunity to rotate through the various sites.

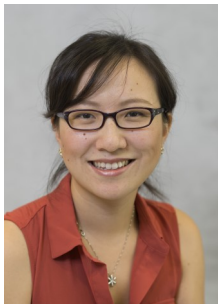
What was your most memorable experience as a resident at RWJBH?

There are so many moments throughout my residency that I could never forget. Presenting a pearl at Eastern States and exploring Los Angeles with the other residents are definitely at the top of my list; however, my most memorable experience was the day after I presented for the Critical Care Symposium. Throughout my rotations, I have built a strong relationship with the other members of the interprofessional team at CMC. It melted my heart when my nurses came up to me and profusely complimented me on my presentation. I could not be more thankful for the people that I surrounded myself with.

Maria Devivo, PharmD, MPA,
BCPS, BCACP
Director of Pharmacy Services



Sandy Moreau, PharmD, BCPS
Clinical Coordinator,
PGY-1 Residency Program Director

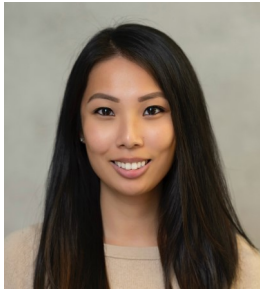


Jersey City Medical Center is a 350-bed acute care, community teaching hospital located in Jersey City, New Jersey. The hospital serves as a regional referral with 18,000 admissions and over 80,000 emergency room visits each year. It is a major teaching facility that has a regional trauma center, comprehensive cardiac center, state-designated stroke center, perinatal intensive care center, level III neonatal ICU, and regional orthopedic institute.

Required rotations include internal medicine I and II, infectious diseases, critical care medicine, emergency medicine, and psychiatry. Elective rotations include antimicrobial stewardship, information technology, critical care II/trauma, and ambulatory care/transitions of care. Required longitudinal rotations include pharmacy practice, research, drug information/safety, administrative, and staffing.

Regina Deap

PGY-1 Pharmacy Resident



Regina was born and raised in Queens, New York. She received her bachelor's degree from Boston University before earning her PharmD from Fairleigh Dickinson University. After residency, she plans on pursuing a clinical position in New York. Her pharmacy interests include psychiatry and ambulatory care. Outside of work, she enjoys traveling, trying new restaurants, and making DIY beauty products.

Poster/presentations:

- Impact of an opioid overdose risk tool and medical provider education on naloxone prescribing at discharge – a pharmacy and hospitalist pilot program, 2017 ASHP Annual Midyear Clinical Meeting
- Opioid overdose, risk factors, and access to naloxone, JCMC
- A review of antipsychotic medications, JCMC
- Hemodynamic management and the use of vasopressors, JCMC
- Review of the Endocrine System, Rutgers EMSOP Prep Week

Czarina Viduya

PGY-1 Pharmacy Resident



Czarina is from New Milford, NJ and graduated from the Philadelphia College of Pharmacy at the University of the Sciences. Her plan after residency is to pursue a clinical hospital position with interests in internal medicine and ambulatory care. Outside of pharmacy, she enjoys trying new cuisines, doing outdoor activities, as well as spending time with family and friends.

Poster/presentations:

- Improving patient opioid knowledge through implementation of an education toolkit for an orthopedic service

Scott Mathis, PharmD

Regional Director of Pharmacy



Hoytin Lee Ghin, PharmD, BCPS
Assistant Director of Clinical Pharmacy Services, PGY-1 Residency Program Director



Located two blocks from the ocean in Long Branch, N.J., Monmouth Medical Center (MMC), along with The Children's Hospital at MMC, is one of New Jersey's largest academic medical centers and is a teaching affiliate of the Rutgers University School of Medicine. From its earliest days, MMC has been a leader in surgical advancement and has introduced many technological firsts to the region, including robotic surgery and other minimally invasive techniques. Monmouth Medical Center is the only New Jersey hospital to be named one of the nation's 100 top hospitals by IBM Watson Health in 2019. The hospital is routinely recognized by HealthGrades, the nation's largest premier independent health care quality company, for excellence in maternity care. U.S. News & World Report has recognized Monmouth as a regional leader in cancer, geriatrics, gynecology, neurology and neurosurgery. In 2019, Monmouth Medical Center is the only hospital in New Jersey to be named/ ranked as One of the Nation's 100 Top Hospitals by IBM Watson Health™.

What advice do you have for this year's residents as they embark on their careers?

"I am not as eloquent as this 17th century British poet, George Herbert, in conveying this sentiment, so I have quoted him instead: *'Do not wait; the time will never be 'just right.' Start where you stand, and work with whatever tools you may have at your command, and better tools will be found as you go along.'*"

- Hoytin Lee Ghin

"Approach everything with a questioning attitude."

- Scott Mathis

Neha Kumar

PGY-1 Pharmacy Resident



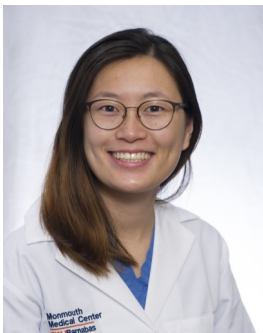
Neha was born and raised in Maryland and received her PharmD from the University of Maryland School of Pharmacy. Her primary interests include primary care and medication safety, and she is currently seeking a full-time position post residency. In her spare time, Neha enjoys spending time with family and friends, crafting, and watching movies.

What was your most memorable experience as a resident at RWJBH?

Neha's most memorable experience includes being able to work in an interdisciplinary team to provide patient care. In one instance, Neha was able to work one-on-one with a nurse to resolve a medication error regarding medication reconciliation.

Angela Wang

PGY-1 Pharmacy Resident



Angela is originally from Fremont, California. She received her PharmD from Ernest Mario School of Pharmacy, Rutgers University. After completing her PGY-1 residency at Monmouth Medical Center, Angela would like to pursue BCPS certification and find a pharmacist position in a hospital. In her spare time, Angela enjoys spending time with her family, hiking, and eating and travelling with friends.

What has been your favorite thing about residency at RWJBH?

Angela's favorite part about residency were the students, patients, residents, and many, many healthcare professionals she got to meet and work with throughout her practice site and the RWJBH system. She is so fortunate to have experienced the opportunities that RWJBH offers.

Sandra Richardon, PharmD, CCP
Director of Pharmacy Services



Leena Kansagra, PharmD, BCPS
Critical Care Specialist,
PGY-1 Residency Program Director



Kayla Torppey, PharmD, BCPS
Internal Medicine Clinical Specialist,
PGY-1 Residency Program
Coordinator



Established in 1901, Newark Beth Israel Medical Center (NBI) is a 665-bed quaternary care, teaching hospital that provides comprehensive health care throughout the region. It is home to one of the nation's 10 largest heart transplant centers, RWJBarnabas Health's Heart Failure Treatment and Transplant Program; New Jersey's only Advanced Lung Disease and Transplant Program; and a Valve Center that performs more cardiac valve procedures, including invasive transcatheter aortic valve replacements (TAVRs), than any other center in the state.

The PGY-1 Pharmacy Residency program at Newark Beth Israel Medical Center is an ASHP-accredited program with two pharmacy residents. Residents have the opportunity to experience a variety of rotations including internal medicine, medical surgical intensive care, cardiology, heart transplant, lung transplant, emergency medicine, pharmacy practice, pediatrics, transitions of care clinic, and pharmacy administration.

Timothy Jacisin

PGY-1 Pharmacy Resident



Tim grew up in Flanders, NJ and graduated with a BS in Biochemistry from Fairfield University. He then graduated from Thomas Jefferson University Jefferson College of Pharmacy in Philadelphia, PA in May 2018. After completing his PGY-1 residency, he will be completing a PGY-2 in Internal Medicine at the University of Arizona. His professional interests include opioid stewardship and transgender pharmacotherapy. He also enjoys traveling and playing the piano .

What was your most memorable experience as a resident at RWJBH?

Tim was on an internal medicine team when a patient with terminal breast cancer was admitted for a pneumonia infection. At home, the patient was on a standing morphine regimen for pain control. The team converted the patient to a fentanyl patch, but bridging therapy was omitted. Tim made the recommendation to utilize an opioid regimen to cover the patient's analgesic needs prior to the full onset of the fentanyl patch. This was his first moment where he realized the importance of a pharmacist on a patient care team.

Dana Serao

PGY-1 Pharmacy Resident



Dana is from Manalapan, NJ, and she graduated from Philadelphia College of Pharmacy in 2018. After completing her PGY-1 residency, Dana will be pursuing a clinical pharmacist position. Her professional interests include internal medicine and ambulatory care. Dana loves hanging out with family/friends, going to the beach, and rooting for the Mets.

What was your most memorable experience as a resident at RWJBH?

Dana's most memorable experience as a resident was her involvement in providing care for a patient in the ICU on ECMO support diagnosed with pulmonary alveolar proteinosis. She conducted a thorough literature search to present optimal treatment recommendations to the ICU team and pulmonary physician, and was able to educate the team about the disease state and treatment options found in literature. The team made treatment decisions directly based off of what Dana presented, and she was able to truly see the impact a clinical pharmacist can make in providing patient care.

Jodie Skayham, PharmD
Director of Pharmacy Services



Jaimini (Tina) Amin, PharmD
Assistant Director , Clinical Services
PGY-1 Residency Program Director



James Barna, PharmD
Operations Manager



Founded in 1884, Robert Wood Johnson University Hospital (RWJUH) New Brunswick, is a 600+ bed academic medical center whose Centers of



Excellence include cardiovascular care from minimally invasive heart surgery to transplantation, cancer care, stroke care, neuroscience, orthopedics, and women's and children's care, including The Bristol-Myers Squibb Children's Hospital (BMSCH). As the flagship cancer hospital of Rutgers Cancer Institute of New Jersey and the principal teaching hospital of Rutgers Robert Wood Johnson Medical School in New Brunswick, RWJUH New Brunswick is an innovative leader in advancing state-of-the-art care. Featuring a Level 1 Trauma Center and the first Pediatric Trauma Center in the state, RWJUH's New Brunswick campus serves as a national resource in its groundbreaking approaches to emergency preparedness.

PGY-1 Required Rotations include:

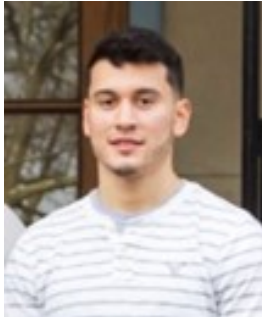
- Orientation
- Critical Care (MICU focus)
- Drug Information
- Emergency Medicine
- Infectious Disease
- Internal Medicine
- Pediatrics or Solid Organ Transplant
- Longitudinal: Ambulatory Care, Leadership, Research Project, Staffing/Operations

What advice do you have for this year's residents as they embark on their careers?

Be fearless in all you do whether it is stepping outside of your comfort zone in your PGY-2/career path of choice or doing something fun! - Jaimini (Tina) Amin

Jose Lazo

PGY-1 Pharmacy Resident



Jose is from Newark, NJ and went to pharmacy school in Philadelphia at the Philadelphia College of Pharmacy. He will be pursuing a PGY-2 in Solid Organ Transplant at University of California, San Francisco Health. Jose has an interest in direct patient care and public health. During this year, he was able to attend a medical mission trip to the Dominican Republic and has plans to pursue further mission trips in the future.

What has been your favorite thing about residency at RWJBH? What does residency mean to you?

Residency at RWJBH allows you the opportunity to be part of the large RWJBH family. It allows you to network with pharmacy professionals from around the area and beyond and opens doors for the future. Residency has been an invaluable experience that has allowed me to grow from a clinical and personal standpoint.

Sana Mohayya

PGY-1 Pharmacy Resident



Sana is from Parsippany, NJ. She received her Doctor of Pharmacy from Fairleigh Dickinson University School of Pharmacy & Health Sciences, where she also received her Masters in Health Science in Health Informatics. Sana is interested in critical care and plans to pursue a career as a clinical pharmacist. Outside of pharmacy, Sana likes to spend time with her family and friends, and watch movies and shows.

What has been your favorite thing about residency at RWJBH? What does residency mean to you?

Her favorite part of residency was the opportunity to learn from highly-trained and accomplished practitioners. From knowledgeable clinical pharmacy specialists to esteemed physicians, she had the opportunity to learn from some of the best.

Stuart Vigdor, RPh

Director of Pharmacy Services



Nancy Doherty, MS, RPh

Clinical Coordinator, Medication
Safety Officer, PGY-1 Residency
Program Director



Luigi Brunetti, PharmD, MPH, BCPC,
BCGP

Residency Program Coordinator

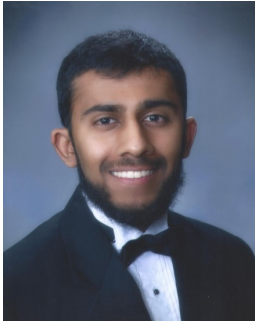


Robert Wood Johnson University Hospital Somerset is a 355-bed community teaching hospital located in Somerville, New Jersey. With a strong commitment to medication improvement, a focus on customer service, and a role in educating future healthcare professionals, the Department of Pharmacy at RWJ Somerset is devoted to delivering operational and clinical excellence, while advancing care and maintaining financial and operational growth. RWJ Somerset has three clinical pharmacy specialists in internal medicine, critical care, and emergency medicine who are affiliated with the Rutgers University Ernest Mario School of Pharmacy.

The PGY-1 Pharmacy Residency Program is an ASHP-accredited program with two pharmacy residents. Residents have the opportunity to rotate through a variety of experiences such as: internal medicine, critical care, emergency medicine, infectious diseases, oncology, geriatrics, transitions of care, and drug information. Longitudinal rotations included experiences in leadership and oncology clinics.

Aamer Attaar

PGY-1 Pharmacy Resident



Aamer is originally from Plainsboro, NJ and received his Doctorate of Pharmacy from the Ernest Mario School of Pharmacy at Rutgers, The State University of New Jersey. Upon completion of his PGY-1, Aamer will begin a PGY-2 in internal medicine at the Ascension Seton health-system network located in Austin, TX. Outside of work, Aamer enjoys spending time with family and friends, traveling, and finding places to eat.

What was your most memorable experience as a resident at RWJBH?

Aamer's most memorable experience was attending the ASHP Midyear 2018 Meeting in Anaheim, CA. It was an excellent way to not only present his research on a national platform, but also network with pharmacists and other healthcare professionals from various different institutions.

Grace Rhee

PGY-1 Pharmacy Resident



Grace is originally from Syracuse, New York. She received her Bachelor of Music in String Performance from Boston University, Boston, MA. Grace received her Doctorate of Pharmacy from Ernest Mario School of Pharmacy at Rutgers, The State University of New Jersey. She plans to pursue a position as a transitions-of-care pharmacist or a staffing pharmacist after completing her PGY-1 residency training. She looks forward to spending more time with family and friends and to explore New Jersey and the surrounding areas.

What has been your favorite thing about residency at RWJBH? What does residency mean to you?

Grace's favorite thing about the residency at RWJBH is being able to take advantage of the opportunities and resources available through the system-wide connection such as off-site rotations and the Residents Leadership Forum. Her residency has been the core foundation to shape her career in pharmacy.

Doug DeStefano, PharmD
Director of Pharmacy Services



Saint Barnabas Medical Center in Livingston, NJ has long been recognized as a leader in providing the highest level of patient care – with more than 100 medical and surgical specialty and subspecialty services. Among Saint Barnabas' nationally recognized facilities are the Burn Center, the Renal and Pancreas Transplant Division, the Heart Centers, Sleep Center, Stroke Center, and Cancer Center.

Alison Brophy, PharmD, BCPS, BCCCP
Assistant Director of Pharmacy Clinical Services, PGY-1 Pharmacy Residency Director



The Pharmacy Practice Residency is a 12-month, PGY-1 residency program that offers core and elective rotations in Ambulatory Care, Behavioral Health, Burn, Cardiology, Critical Care, Drug Information, Emergency Medicine, Infectious Diseases, Internal Medicine, Pediatrics, Practice Management and Leadership, Renal Transplant, and others. The Pharmacy Resident routinely participates in various hospital committees, clinical initiatives, educational programs, and other leadership and direct patient care projects.

What advice do you have for this year's residents as they embark on their careers?

Continue to work hard to improve your knowledge and skills — your training as a pharmacist does not end ever! Patients deserve the best care you can provide!

- Alison Brophy

Hetty Cheng

PGY-1 Pharmacy Resident



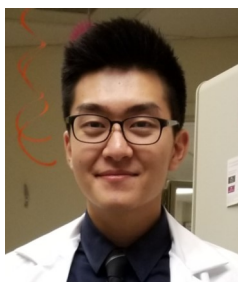
Hetty is from Sayreville, NJ and received her Doctor of Pharmacy degree from the Ernest Mario School of Pharmacy at Rutgers University. Her post-residency plan is to pursue a clinical position in emergency medicine or critical care. In her spare time, she enjoys traveling, listening to music, and playing with her two puppies, Wolfie and Meeko.

Poster/presentations:

- Nursing In-service: Oncology medications
- Presentation: Impact of an interdisciplinary approach to post-intubation management for critically ill patients in the emergency department
- Poster: Comparison of glucagon-like peptide-1 receptor agonists versus insulin in combination with oral antidiabetics in patients with type 2 diabetes mellitus at an ambulatory care facility
- Lunch & Learn: Acute bacterial meningitis

Andrew Cho

PGY-1 Pharmacy Resident



Andrew is from Tenafly, New Jersey and received his Doctor of Pharmacy degree from Rutgers University Ernest Mario School of Pharmacy. He plans to pursue a PGY-2 in pediatrics. His main pharmacy interests lie in pediatrics with other interests in infectious diseases and psychiatry. Outside of pharmacy, he enjoys snowboarding and spending time with friends and family.

Poster/presentations:

- ASHP Midyear 2018 Poster: Evaluation of efficacy of an alternative cephalexin dosing frequency in pediatric skin and soft tissue and urinary tract infections
- Noon conference: Anticoagulation
- Platform presentation: Caregivers' perception of oral syringes provided at discharge
- Lunch and learn: Anticoagulation Reversal
- 28th Annual PPAG Meeting Poster: Comparison of oral liquid medication measurements when using an oral syringe with and without an oral syringe adapter

Rahul Jacob

PGY-1 Pharmacy Resident



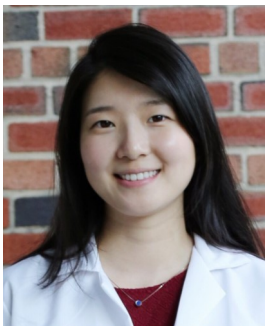
Rahul was born in Bronx, NY and grew up in Bergenfield, New Jersey. He attended the Ernest Mario School of Pharmacy at Rutgers University, where he earned his Doctorate of Pharmacy. After his PGY-1 residency at Saint Barnabas Medical Center, he will be moving on to a PGY-2 in Ambulatory Care with the RWJBarnabas Health Corporate Division. His professional interests include primary care management, direct patient care activities, and pharmacy leadership. Outside of pharmacy he enjoys staying active, playing and watching sports and spending time with his friends and family.

Poster/presentations:

- Impact of IV compounded sterile preparation on pharmacy department cost and service. NJHSP platform presentation
- Categorizing Administration Practices for Vasopressors at Community Medical Centers. Eastern States platform presentation
- Clearing the smoke: Medical Marijuana. Lunch and learn

Piao Zhuge

PGY-1 Pharmacy Resident

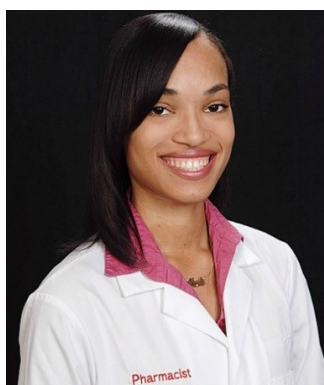


Piao is from Bronx, New York and received her Doctorate of Pharmacy from Albany College of Pharmacy and Health Sciences in Colchester, Vermont. Her areas of interest include critical care, solid organ transplant, and ambulatory care. Post-residency, she plans on pursuing BCPS certification and a career as a pharmacist at a teaching hospital. Outside of residency, she enjoys hiking, traveling, and spending time with friends and family.

Poster/presentations:

- Retrospective evaluation of remote dielectric sensing (ReDS) vest technology and its impact on heart failure readmission rates and diuretics therapy
- Impact of pharmacist intervention on antibiotic use for patients with both respiratory pathogen panel and procalcitonin level
- Oncologic Emergencies Lunch and Learn
- Major Depressive Disorder noon conference lecture

Nicole Daniel
PGY-2 Neuropsychiatric
Pharmacy Resident



Nicole grew up in Tinton Falls, NJ and graduated from Rutgers, Ernest Mario School of Pharmacy in New Brunswick, NJ. She completed her PGY-1 pharmacy residency at Barnabas Health Behavioral Health Center in Toms River, NJ, and will be completing her PGY-2 neuropsychiatry pharmacy residency this year. After graduation, Nicole will remain in the RWJBarnabas health system as the Clinical Neuropsychiatric Specialist at Clara Maass Medical Center.

Posters/ Presentations:

- Rates of conversion from substance-induced psychotic disorder to bipolar or schizophrenia spectrum disorder in a community-based teaching hospital. CPNP Conference 2019; Rutgers Pharmacy Research Day.
- Obstructive sleep apnea risk assessment in patients with localization-related versus generalized epilepsy. 2018 American Epilepsy Society (AES) Conference 2018.
- Implementation of a QTc-interval monitoring protocol by pharmacists to decrease cardiac risk in at-risk patients in an acute care inpatient psychiatric facility. *Mental Health Clinician*: March 2019, Vol. 9, No. 2, pp. 82-87.

What has been your favorite thing about residency at RWJBH?

Nicole's favorite thing about residency has been expanding her connections with other practitioners. Between RWJBarnabas, Rutgers University, pharmacist conventions, and just the day-to-day practices she was able to be a part of, she has had the privilege of working with a lot of amazing and talented people. She looks forward to being able to continue that as she moves into the next stage of her career at Clara Maass Medical Center.

What was your most memorable experience as a resident at RWJBH?

Nicole's most memorable moment as a resident was achieving her first publication in a research journal.

Dhara Shah

PGY-2 Pediatric
Pharmacy Resident



Dhara was born and raised in Jersey City, New Jersey. She graduated from Ernest Mario School of Pharmacy in May 2017. She completed her PGY-1 training at Atlantic Health System and is currently a PGY-2 Pediatric Pharmacotherapy resident at Rutgers University. Post residency training she will be pursuing a pediatric clinical pharmacist position. Outside of pharmacy, Dhara loves to cook, run, and travel; she recently traveled to Oklahoma, Virginia, Maryland, and Washington DC.

Poster/presentations:

- Osmolality of commonly used oral medications in the neonatal intensive care unit. 2019 Pediatric Pharmacy Advocacy Group Annual Meeting.
- Medication preparation and administration in the pediatric population: the nurse's perspective. 2019 Pediatric Pharmacy Advocacy Group Annual Meeting.
- Comparison of oral liquid medication measurements when using an oral syringe with and without an oral syringe adapter. 2019 Pediatric Pharmacy Advocacy Group Annual Meeting.
- Medication preparation and administration in the pediatric population: the nurse's perspective. 2018 Vizion University Health System Consortium Pharmacy Network Resident Poster Session.
- Management of Complications of *Haemophilus influenzae* type b Meningitis. 2019 New Jersey Health-System Pharmacists Annual Conference.
- Garden State Pediatric Pharmacy Advocacy Group Chapter Meeting Medical Marijuana: A Blunt Update on Epidiolex®. Continuing education credit.

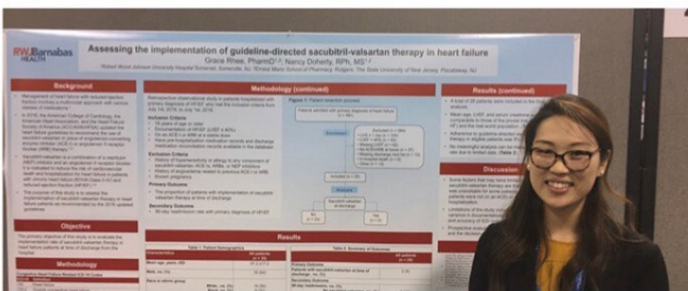
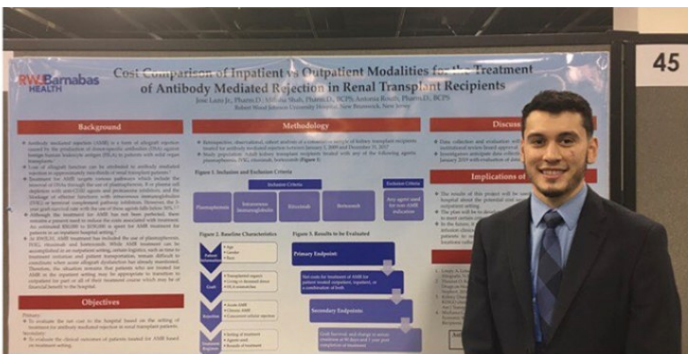
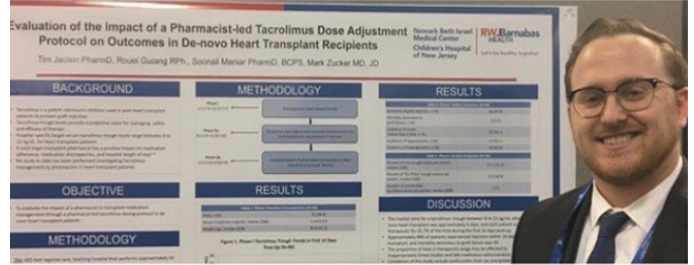
What has been your favorite thing about residency at RWJBH? What does residency mean to you?

Residency means being able to develop your clinical skills directly through hands-on patient care experience and indirectly through participating in research and administrative projects. Dhara's favorite thing about rotating through a RWJBH site has been the various clinical opportunities it has offered her within pediatrics.

ASHP Midyear Clinical Meeting Anaheim, California

The ASHP Midyear Clinical Meeting is the largest gathering of pharmacists in the world. For four decades, the ASHP Midyear Clinical Meeting has provided health-system pharmacy practitioners with a venue for updating their knowledge, networking with colleagues, enhancing their skills, and learning about the latest products and technologies. The hundreds of educational activities at the Midyear Clinical Meeting are developed to maintain and enhance the knowledge, skills, and abilities of pharmacists and associated personnel in health systems. ASHP Midyear 2018 was held in Anaheim, California.

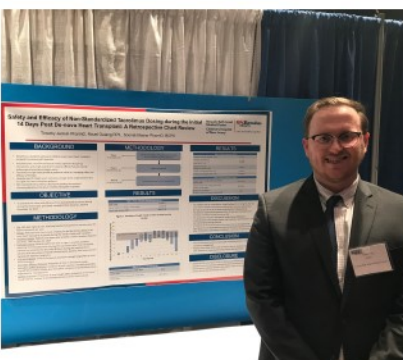
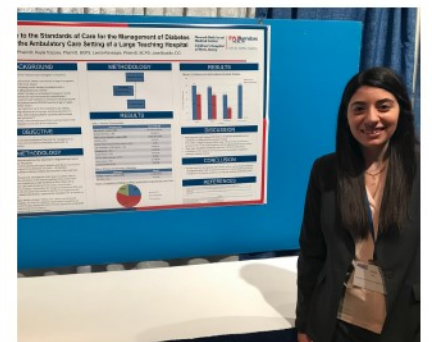
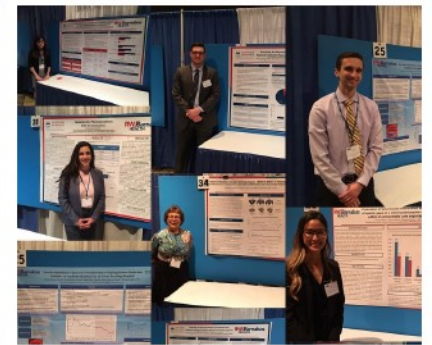
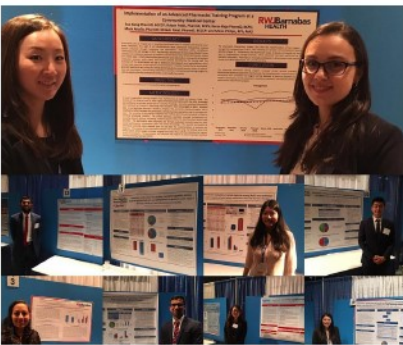
-Aamer Attaar



NJSHP Annual Meeting and Exhibition

The New Jersey Society of Health-System Pharmacists (NJSHP) Annual Meeting and Exhibition is held for all pharmacists, pharmacy technicians, and pharmacy students in all practice settings and provides valuable opportunities for professional development, networking, and staying current with pharmacy practice. The meeting features poster presentations from professional and resident research projects as well as platform presentations of the top five posters. This year, two of our PGY-1 pharmacy residents, Rahul Jacob and Jessica Gerges, presented their research project, "Describing Administration and Safety Practices for Vasopressors at Two Medical Centers" and were awarded 3rd place. Soo Kang, Critical Care Pharmacist, and Cristina Santos, Clinical Pharmacist, from Clara Maass Medical Center also presented a platform presentation at NJSHP's Annual Meeting titled "Implementation of an advanced pharmacist training program at a community medical center". Finally, congratulations to Kate Opsha, PharmD, BCPS-AQ, AACC on winning the Preceptor of the Year Award!

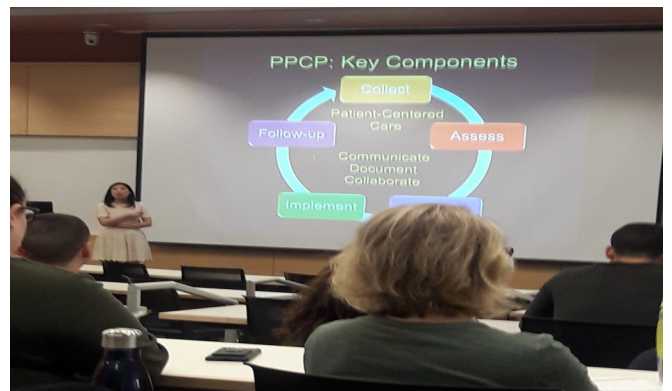
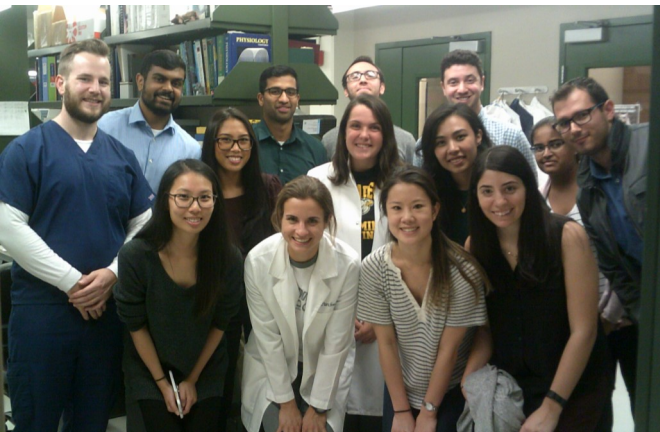
- Hetty Cheng



Teaching and Learning Certificate Rutgers, The State University of New Jersey

The Teaching and Learning Certificate Program through the Ernest Mario School of Pharmacy provides residents and fellows with enriching seminars and workshops to start their careers as teachers and leaders in academia. Rutgers faculty taught lectures covering various topics including teaching and learning in the classroom setting, learning styles, assessment and feedback, academic integrity, publications, and more. Residents and fellows were also provided with the tools to create syllabi, learning objectives, handouts, and exam questions. At the end of the year, program participants create a teaching portfolio highlighting their work through the year, and also precept Intermediate Pharmacy Practice Experience (IPPE) students for four weeks.

- Neha Kumar



Mission Trip: Waves of Health

Waves of Health is a nonprofit organization that forms interdisciplinary teams for medical outreach missions in developing countries. Four of our PGY-1 pharmacy residents participated in the Waves of Health mission trip to Dajabón and Restauración from April 6th-14th and helped provide care for over 1800 patients.

- Dana Serao

"I learned some basics [Spanish] on this trip so I could counsel patients, and it was incredibly rewarding. I felt connected to my patients, and even though I may not understand everything, I could sense their appreciation." - Piao Zhuge



"I will never forget the times when Rahul (my co-resident) danced with a patient at the clinic, when we administered albendazole suspensions to infants, and most of all, how thankful the patients were towards our team." - Hetty Cheng



"Helping in these underserved communities was rewarding beyond anything I could have imagined. I learned how to work with the bare minimum and still provide our patients with better care than they ever had access to." - Rahul Jacob

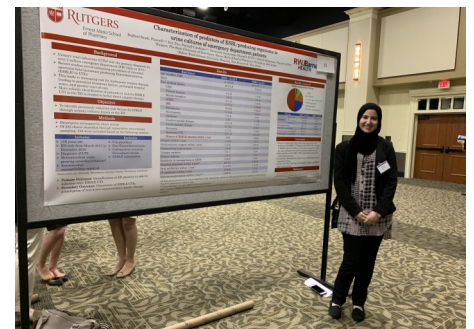
"It was evident to me that pharmacy is the beating heart of this operation. The hard work that pharmacy put in every day was more than worth it, and it helped forge a great bond between everyone there." - Jose Lazo



Eastern States Conference Hershey, Pennsylvania

Eastern States Conference for Pharmacy Residents & Preceptors is an annual conference where residents, preceptors, and other accomplished pharmacy leaders come together to learn from, network with, and celebrate the achievements of their colleagues. The major achievement for all of our residents is the completion of their residency research projects. Each resident had the opportunity to present his or her project as a platform or poster presentation. This year's topics included a wide variety of clinical and operational subjects, including infectious disease, pediatrics, transplant, opioid stewardship, emergency medicine, and ambulatory care.

-Sana Mohayya



RWJBH Residency Leadership Forum

The American Society of Health-Systems Pharmacists (ASHP) has created residency objectives that guide residency program directors and prepare pharmacy residents to become well-rounded clinical practitioners. All of the RWJBH residency programs integrate competency area R3 Leadership and Management through their participation in the Residency Leadership Forum. Founded in 2016 by Jennifer Sternbach, Jessica Hill, and Sheetal Patel, the Leadership Forum is a program designed to educate residents on various leadership topics including team building, business etiquette and networking, and financial involvement. The Leadership Forum consists of 6 off-site sessions throughout the year during which residents foster deeper connections amongst their peers and fine-tune their leadership skills.

- Komal Nadeem



RWJBH Residency Leadership Forum Graduation



“The currency of leadership is trust.”



Thank you for guiding us and trusting us!

-RWJBarnabas Health Residency Class 2018-2019

Nine Principles

Advocacy

Care Continuum

Community

Education

Financial

Quality & Safety

Regulatory

Research &
Publication

Technology

Applying the Nine Principles During Residency

Advocacy

“Working as a pharmacist in the transplant clinic, I played a huge role in advocating for the needs of my patients. The pharmacist is an easily accessible healthcare professional whose main objective is to teach patients about their medications and make them feel like they are being heard.”

- Jose Lazo

“As pharmacists, it is our responsibility to ensure that patients are receiving safe and effective medication therapy. Patients often have an inherent trust in their healthcare team, and it's vital that we maintain that trust and advocate on their behalf.”

- Regina Deap

“Advocacy is the pinnacle of our profession. Throughout my residency, the significance of advocacy on a personal level has deepened, and I now understand why advocacy is the primary principle of the Enterprise's strategic plan. Whether seeking to optimize treatment plans or prevent medication errors on rounds, showing support for my coworkers in their goals and endeavors, or pursuing research or being involved in professional organizations, I strive every day to be an advocate for my patients, my coworkers, and the profession. There are many components that go into 'actively seeking excellence,' but advocacy is at the forefront.”

- Dana Serao

Community

“To me, the word 'community' in a healthcare setting means creating a provider-patient relationship in which the patient is as active in learning and treating their respective ailments as the provider. Each patient I saw on a day-to-day basis provided me with an opportunity to teach them about their medications and an opportunity to learn an equal amount of knowledge from them. These opportunities also manifested in the form of outreach events, specifically for diabetes screenings, and longitudinal clinic counseling over the course of the past year. While I may be considered a hospital pharmacist as opposed to a community pharmacist, I view myself primarily as a pharmacist. I am not restricted to any healthcare setting, and this is a personal perspective that my current residency has greatly strengthened.”

- Amer Attaar

“As a pharmacy resident in RWJBarnabas Health, I have had the opportunity to participate in various community outreach programs throughout the course of the year. I participated in a health fair at which we had an “Ask a Pharmacist” station where we provided counseling on medication safety and adherence to visitors of the Willowbrook Mall. Additionally, I have provided medication, nutrition, and lifestyle counseling to patients enrolled in the YMCA RWJBH Diabetes Management Program. These experiences have been rewarding and allowed me to form connections with patients.”

- Komal Nadeem

Financial

"My time as a resident taught me that the behind-the-scenes work that goes into providing the best care for our patients is much bigger than I initially thought it was. Even data from documenting interventions can be taken to conduct cost-savings studies and change workflow practices that may ultimately lead to improved care for our patients."

- **Andrew Cho**

"It is not unknown that pharmacists play a vital role in patient care and contribute to better treatment outcomes, however the clinical practice is just a small part of what pharmacists at RWJBarnabas Health do daily. To better capture the role they play in patient care, pharmacists document their interventions in a software program called Quantifi, which is a tool we use to measure our impact in healthcare practice. The program then captures the interventions and assigns cost savings impact based on RWJBarnabas Health's costs of each of the activities. As a resident I was fortunate to have spent four weeks at corporate pharmacy, where I learned that Quantifi is a way to advocate for our profession and most importantly secure our jobs in the healthcare system. Now I try to pass on the knowledge and educate my coworkers on just how important documenting our interventions is in hopes of increasing awareness."

- **Eka Beriashvili**

Regulatory

"As a pharmacy resident at RWJBH, I learned the importance of having policies in place to provide patients with the best quality of care. In my Medication Safety rotation, I was able to observe and participate in enforcing the proper labeling and storage of high-risk medications."

- **Angela Wang**

"Pharmacy as a whole is always subject to a variety of stringent regulations in order to achieve the best care for our patients. RWJBH Pharmacy Enterprise is always preparing to remain compliant with standards and regulations at a system and institutional level. Residents are constantly involved with different regulatory processes such as employee competency and Leapfrog medication reconciliation."

- **Rahul Jacob**

Care Continuum

"A unique rotation I had was the Integrated Health Home (IHH). After a patient's discharge from a psychiatric facility, their care is maintained through this program. Alongside a social worker, I would visit patients out in the community to counsel them on their medications, and incorporate interventions such as nutrition monitoring, healthy lifestyle coaching, and wellness activities. We also serve as a support to the patients and do our best to accommodate their needs. At the end of the home visits, patients often express how thankful they are to have such a compassionate team of healthcare providers who care about them."

- **Edwina Leung**

"The concept of the Care Continuum revolves around 'connecting the dots' and 'aligning hospitals, physicians, and providers' to improve patients' access to and experience of care."

- **Czarina Viduya**

Education

"Throughout this past year of PGY-1 residency, one of the most gratifying experiences was being able to empower our patients and community members through education. I feel greatly privileged to have received the education and training that I have received. And, I love being able to use my knowledge and skills to equip our patients to make well-informed decisions regarding their medications and health."

- **Grace Rhee**

Quality & Safety

"There is a right thing to do with regard to quality of care: improve it. If that takes courage, so be it." – Donald Berwick. As important members of the health care team, pharmacists work collaboratively in all types of patient care settings and contribute to improve patient safety. With the expanding number and complexity of medications, our roles and responsibilities have expanded broadly and it's important that we continue to make valuable contributions to patient care and patient safety."

- **Hetty Cheng**

Research & Publication

"Pharmacists' research has made a long-lasting impact on the future of pharmacy practice. These projects have expanded the roles and responsibilities of pharmacists in order to ensure the best patient care."

- **Piao Zhuge**

Technology

"With the help of technology, healthcare practitioners are able to advance patient care to an unprecedented level. Whether diagnosing patients from thousands of miles away or developing individualized dosing regimens based on unique factors, the innovations in technology continuously revolutionize patient care."

-**Sana Mohayya**

"Education has been a large part of residency, whether we're the ones on the receiving end or on the giving end. We are always learning from our incredible preceptors and we are passing down that knowledge to our IPPE/APPE students. I've learned that even when residency is over, the education does not stop. Pharmacy is a lifelong learning career where we are constantly educating ourselves on new medications and new diseases that are being discovered and part of our job is to educate those around us on those improvements."

- **Jessica Gerges**

"William A. Frost said, 'Quality is never an accident; it is always the result of high intention, sincere effort, intelligent direction and skillful execution. It represents the wise choice of many alternatives.' As a pharmacist, I constantly strive for perfection, believing that everything always has room for improvement. I meticulously review medication orders to ensure I am managing my patients with the utmost care. These beliefs are why quality and safety are key elements in a pharmacist's day-to-day. Throughout my residency year, I have continued to incorporate what I learned in HRO into my daily practice. I continue to approach situations with a questioning attitude, to speak up for clarification when I am not completely certain and to always place the patient's well-being above all."

- **Kaliope Damalas**

"My residency at RWJBH has provided me with the tools and resources to conduct relevant research in pharmacy practice. It is very exciting to see the research projects that I, and my co-residents, have completed impact policies and procedures."

- **Neha Kumar**

Technology influences my daily clinical pharmacy work. Senti7 allows me to follow patients across the hospital that meet specified criteria, and I participate in my collaborative practice agreement through Cerner PowerChart. Additionally, I can troubleshoot dispensing issues by utilizing the Pyxis ES system and its online portal. Without these tools, my scope of practice would be greatly diminished.

- **Timothy Jacisin**

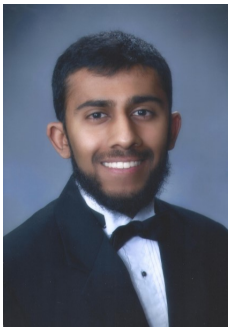
Residency Annual Report Committee

Committee Chair:



Nicole Daniel

Committee Members:



Aamer Attaar



Hetty Cheng



Kaliope Damalas



Neha Kumar



Sana Mohayya



Komal Nadeem



Dana Serao

