

PGY1 Pharmacy Residency Program
Robert Wood Johnson University Hospital, New Brunswick

Welcome

Robert Wood Johnson University Hospital in New Brunswick, New Jersey is a part of the RWJ Barnabas Health System, the largest health system in New Jersey. The PGY-1 Pharmacy Residency at Robert Wood Johnson University Hospital (RWJUH) in New Brunswick, NJ is intended to provide extensive post-graduate training in all aspects of hospital pharmacy practice. The program has been designed to meet all standards and requirements of the American System of Health-System Pharmacists (ASHP), and the residency is fully accredited by that organization.

Pharmacists completing this residency will be competent and confident clinicians, providing evidence-based patient care in collaboration with other healthcare professionals. They will efficiently communicate with patients and other healthcare professionals, utilizing effective educational techniques that have been individualized to suit the intended audience. With the aid of appropriate information technology, they will effectively manage practice-based projects and the overall medication-use process. These pharmacists will demonstrate professionalism by developing a strategy for ongoing, self-directed learning, conducting themselves in an ethical manner, and developing a personal approach to practice leadership. After completion of this residency, the pharmacist clinician should additionally be prepared to pursue further postgraduate training in the area of their choice. The Pharmacy Residency Program at Robert Wood Johnson University Hospital provides an environment designed to produce competent and compassionate health system pharmacists. The program provides residents with a variety of opportunities to develop their clinical, communication and leadership skills all while providing superior care to patients.

Mission and Vision

Our Mission

To improve the health and well-being of the patients and communities we serve by:

Fostering an environment of excellence in all areas including the provision of the highest quality, evidenced based patient care in collaboration with the hospital's health care professionals

Advancing patient care by the diffusion of medical knowledge

Facilitating medical discovery that improves patient care

Promoting and engaging in community outreach activities to enhance the health of the residents of our region

Exhibiting stewardship of all available resources

Our Vision

Robert Wood Johnson University Hospital, in partnership with Rutgers Robert Wood Johnson Medical School, will be a leading, nationally distinguished academic medical center.

Pharmacy Services

Services Provided

The Pharmacy Department provides decentralized services 24 hours a day, 7 days a week. Specialized pharmaceutical services are provided throughout the hospital. The role of pharmacy in patient care is widely accepted. At RWJUH, the pharmacists serve as active participants in the interdisciplinary healthcare team.

It is the goal of the RWJUH Pharmacy Department to provide high quality, comprehensive pharmaceutical services in the area of patient care and to provide recognized, meaningful research and education to RWJUH and the community which it serves.

It is the philosophy of the Department not only to function at the highest level of acceptable practice, but to be committed to innovation and development within that practice and to serve as a role model for Institutional Pharmacy Practice.

A dedicated staff and effective management, at all administrative levels, are necessary for the achievement of our goals. This aim requires planning, budgeting, communication and the development and administration of sound, progressive and equitable personnel policies. The Department will strive to recruit and retain highly qualified and competent staff and is also committed to facilitating professional growth within the department.

Patient Care

The provision of high quality comprehensive patient care is the fundamental mission of the Department. The Department seeks to provide total pharmacy services to all inpatients and ambulatory patients at Robert Wood Johnson University Hospital.

To achieve this purpose the department will, in cooperation with other health care professionals, develop standards of practice and establish policies and procedures designed to:

1. Acquire and maintain highly qualified, conscientious professional staff and supportive personnel that will assist in the provision of competent and rational patient care.
2. Assure ready availability of safe and efficacious medications through the maintenance of an effective medication formulary system and the development of a well-controlled drug distribution system.
3. Assure the proper administration of medications to patients.
4. Utilize a system of patient monitoring which continuously evaluates the appropriateness of the patient's drug therapy.
5. Educate and inform the patient regarding his/her drug therapy
6. Assure the quality of all patient care services through a frequent evaluation and correction of deficiencies.

Education

In accordance with a major mission of the hospital, education is of vital importance to the Pharmacy Department. This Department will encourage its professional staff to educate at every opportunity. These educational efforts will be directed to practitioners and students in pharmacy, medicine, nursing and other allied health professions.

In cooperation with the Rutgers University College of Pharmacy, a major educational thrust will be directed towards undergraduate, graduate and advanced professional degree students as well as toward the maintenance of post-graduate Pharmacy Residency programs. The educational thrust shall be directed towards the development of highly qualified and innovative professionals.

Major educational efforts will be directed toward the patient. Inpatients and ambulatory patients will be educated through informal and formal educational programs. The impetus behind this effort is to promote a more complete understanding of medication use by the patient and to improve patient compliance.

Research

Research is the foundation for the Department's goals of innovation and leadership. The Department encourages the initiation, and development of meaningful research in areas such as clinical therapeutics, drug delivery systems, administrative sciences and the development of new roles in Pharmacy.

The Department encourages both individual research efforts and participation in collaborative research projects with other health professionals at Robert Wood Johnson University Hospital, Rutgers University College of Pharmacy and Rutgers Medical School.

Clinical Services

Clinical services allow RWJUH to offer specialized services for different hospital populations. These services include emergency medicine, transplant, drug information, critical care, antimicrobial stewardship and internal medicine.

Pharmacy has a strong presence in many committees hospital-wide such as Infection Control, Antibiotic Stewardship, Pharmacy and Therapeutics, Medication Safety, Critical Care, and Committees set to manage diseases such as sepsis, stroke, and VTE to name a few.

Technology

Robert Wood Johnson University Hospital a recipient of the 18th Annual Health Care's Most Wired® Hospitals and is excited to offer state of the art pharmacy technology services. These include:

- Allscripts Sunrise Clinical Manager® for electronic medical records and computerized physician order entry
- Pyxis ES automated dispensing systems including Pyxis® Anesthesia Systems
- Talyst® Carousel technology for inventory management
- Knowledge-Based Bedside Barcode Administration of medications
- Pharmacy OneSource® suite: clinical dashboards-to flag patient care initiatives, document pharmacist interventions and formulary management.

PGY1 Program

Leadership

Jodie Skayhan, PharmD
Director of Pharmacy

Jaimini (Tina) Amin, PharmD
Assistant Director, Clinical Services
PGY1 Residency Program Director

Mark Paradis
Pharmacy Business Manager

Martyna Matusiak, PharmD
Operations Manager

Daniel Pung, PharmD
Systems Administrator of Pharmacy Informatics

Candice Smith, CPhT
Lead Pharmacy Technician

Jessica Vazquez, PharmD
Sterile Products Supervisor

Clinical Pharmacy Specialists and Faculty

Mary Bridgeman, PharmD, BCPS, CGP
Clinical Assistant Professor, Internal Medicine, Ernest Mario School of Pharmacy

Patrick Bridgeman, PharmD, BCPS
Clinical Assistant Professor, Emergency Medicine, Ernest Mario School of Pharmacy
PGY2 ER Residency Program Director

Deepali Dixit, PharmD, BCPS, BCCCP, FCCM
Clinical Assistant Professor, Critical Care, Ernest Mario School of Pharmacy

Evelyn Hermes-DeSantis, PharmD, BCPS
Director, Drug Information Services; Clinical Professor, Ernest Mario School of Pharmacy
PGY2 Drug Information Residency Program Director

Jessica Lise, PharmD, BCPPS
Pediatric Clinical Specialist

Navaneeth Narayanan, PharmD, BCPS
Clinical Assistant Professor, Infectious Disease, Ernest Mario School of Pharmacy

Antonia Routh, PharmD, BCPS
Transplant Pharmacist

Milisha Shah, PharmD, BCPS
Transplant Pharmacist

Additional Preceptors

Nadia Awad, PharmD, BCPS
Emergency Medicine Pharmacist

Michael P. Kane, RPh, BCOP
Director, Rutgers Cancer Institute of New Jersey

Joseph Kenny, RPh
Emergency Medicine Pharmacist

Jonathan Lalli, PharmD, BCOP
Oncology Pharmacist

Rene Osgood, PharmD
Surgical Intensive Care Pharmacist

Stipend and Benefits

The Pharmacy Residency program at RWJUH offers

- Competitive salary
- Paid vacation, holiday and sick time benefits
- Health and dental insurance
- Travel support to ASHP Midyear and Eastern States Residency Conference
- NJSHP membership

Curriculum

Required Core Learning Rotations

- Drug Information
- Emergency Medicine
- Infectious Diseases
- Internal Medicine
- Pediatrics
- Medical Intensive Care Unit
- Solid Organ Transplant
- Ambulatory Care (longitudinal)
- Hospital Pharmacy Practice/Staffing (longitudinal)

- Practice Management (longitudinal)
- Residency Projects (longitudinal)
- Teaching (longitudinal)

Elective rotations

- Cardiology
- Oncology
- Administration
- Surgical Intensive Care
- OR/Cardiac Surgery

Unique Opportunities

1. RWJ Barnabas Health Pharmacy Residency Leadership Forum: This forum is designed for the PGY1 and PGY2 pharmacy residents in the RWJBarnabas Health System to develop the essential skills of a clinical leader and collaborate to advance the profession and practice of pharmacy in alignment with the Pharmacy Enterprise Strategic Plan. This longitudinal experience consists of 6 off site sessions to be held at various locations.
2. Teaching and Learning Certificate Program: Offered by the Ernest Mario School of Pharmacy at Rutgers University, this program will strengthen the resident's knowledge and skills in presenting lectures and precepting students.
3. Precepting Students: RWJUH accepts APPE and IPPE students from the Ernest Mario School of Pharmacy at Rutgers
4. The residents will have an active role in a variety of interdisciplinary committees:
 - Pharmacy and Therapeutics
 - Pediatric Pharmacy and Therapeutics
 - Antimicrobial Stewardship Committee
 - Medication Safety

How to Apply

Please provide the following on the [PHORCAS](#) website no later than January 12th.

Site Code: 21030, NMS Code: 159513

- Curriculum Vitae
- Letter of intent
- Academic transcripts
- Three letters of recommendation

Contact Information

RWJUH Pharmacy Department
 Attn: Jaimini Amin, PharmD
 Residency Program Director
 1 Robert Wood Johnson Place
 New Brunswick, NJ 08901
 Jaiminitina.amin@rwjbh.org

Other Requirements

- Applicants should hold a PharmD degree from an ACPE-accredited College of Pharmacy, be licensed (or eligible for licensure) in New Jersey, and possess good communication and interpersonal skills.
- The position is available beginning July 1, for a 12 month appointment.
- Onsite interview required for selected individuals. During the onsite interview a 20 minute case presentation with topic discussion is required Question and Answer session to follow.
- Must have valid NJ Pharmacy License within the first 90 days of Residency

Graduation Requirements

- Resident must have successfully achieved for residency 85% of the objectives set forth by the program
- Successful completion of a residency research project with platform presentation at Eastern States Residency Conference
- Presentation at the UHC and ASHP Midyear Clinical Meeting
- Presentation of two continuing education programs for RWJUH Pharmacists and Technicians
- Journal club and/or case presentations to the Residency Advisory Committee

Current Residents

Aya Abukwaik, PharmD

Pharmacy School: Ernest Mario School of Pharmacy

Jaklin Hanna, PharmD

Pharmacy School: Ernest Mario School of Pharmacy

Residency Graduates

Class of 2017

Shaili Adani, PharmD

Residency Project: Clinical outcomes of patients with methicillin-resistant Staphylococcus aureus bacteremia treated with vancomycin at an institution with suppressed MIC reporting: Impact of vancomycin MIC.

Vaibhavi Bhavsar, PharmD: PGY2 Pediatric Residency at UC Davis Medical Center

Residency Project: Impact of multidisciplinary antimicrobial stewardship intervention on timely discontinuation of antibiotics for early onset sepsis in the neonatal intensive care unit

Class of 2016

Paul Avenoso, PharmD: Oncology Specialist in Outpatient Cancer Center at Holy Name Medical

Residency Project: Evaluation of an adult febrile neutropenia antimicrobial protocol in liquid tumor malignancy and bone marrow transplant patients

Tara Jawaro, PharmD: Emergency Room Pharmacist at Lovelace Medical Center, New Mexico

Residency Project: Evaluation of the prevalence of drug-drug interactions in patients discharged from an academic emergency department

Class of 2015

Adam Pennoyer, PharmD: Cardiothoracic Intensive Care Clinical Pharmacist, Newark Beth Israel Medical Center

Residency Project: *Evaluation of Dexmedetomidine Use and Influence on Benzodiazepine Requirements in Patients with Alcohol Withdrawal Syndrome in the Intensive Care Unit*

Diana Stewart, PharmD: Palliative Care Pharmacist, University of Maryland Medical Center

Residency Project: *Evaluation of vasopressors in post-cardiac arrest syndrome: the efficacy of epinephrine infusions on survival to discharge*

Class of 2014

Jonathan Malara, PharmD, BCOP: Oncology Clinical Specialist, MD Anderson Cancer Center

Residency Project: *Effectiveness of INR Reversal Agents within the Emergency Department for Acute Major Bleeding Events*

Kelly Moore, PharmD: Clinical Specialist, Hospital for Special Surgery

Residency Project: *Evaluation of calcium- versus non-calcium based phosphate binder use: the role of combination therapy for the treatment of hyperphosphatemia of chronic kidney disease*

Class of 2013

Joseph Cruz, PharmD, BCPS: PGY-1 Pharmacy Residency Program Director, Clinical Coordinator - Internal Medicine, Englewood Hospital and Medical Center. Clinical Assistant Professor, Ernest Mario School of Pharmacy

Residency Project: *Assessment of the narcotic sparing effect of intravenous acetaminophen after cardiothoracic surgery: Medication-use evaluation*

Milisha Shah, PharmD, BCPS: Solid Organ Transplant Pharmacist, Robert Wood Johnson University Hospital

Residency Project: *Evaluation of Fixed-Dose Versus Weight-Based Dosing of Morphine Sulfate for Neonatal Abstinence Syndrome (NAS): An Institutional Protocol Review*

Class of 2012

Nadia Awad, PharmD, BCPS: Emergency Medicine Pharmacist, Robert Wood Johnson University Hospital

Residency Project: *Evaluation of the Appropriateness of Antimicrobial Dosing in Critically Ill Patients Receiving Continuous Renal Replacement Therapy*

Kathleen Roberts, PharmD: Clinical pharmacist at Joint Base McGuire-Dix-Lakehurst Pharmacy at the 87th Medical Group

Residency Project: *Establishment of a Pharmacist-Driven Patient Counseling Pain Management Service*