



## Orlando Health Pharmacy Residency Rotations

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- **Antimicrobial Stewardship**
  - **Emergency Medicine, Adult**
  - **Hematology/Oncology, Adult**
  - **Hematology/Oncology, Pediatric**
  - **Infectious Diseases, Adult**
  - **Internal Medicine, Adult**
  - **Internal Medicine, Pediatric**
  - **Medical Critical Care**
  - **Neonatal Intensive Care**
  - **Neuro Intensive Care**
  - **Nutrition Support**
  - **Pediatric Cardiac Critical Care**
  - **Pediatric Critical Care**
  - **Pharmacotherapy**
  - **Pharmacy Practice Management**
  - **Surgical Critical Care**
  - **Trauma/General Surgery**
  - **Women's Obstetrics & Gynecology**
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### **Antimicrobial Stewardship (ORMC)**

- The antimicrobial stewardship rotation will coach the resident to become an independent practitioner, using critical thinking to develop a pharmacotherapeutic plan in regards to anti-infectives.
- The rotation provides an opportunity for the resident to gain experience in the management of HIV, *C. difficile*, and a variety of infections commonly treated with broad spectrum or toxic anti-infectives.
- Residents will gain an understanding of the core elements of a stewardship program, how to utilize technology to streamline stewardship activities to make interventions for patients, and how to apply stewardship principles to any pharmacy practice area.

### **Emergency Medicine, Adult (ORMC)**

- The Emergency Medicine rotation will expose the resident to the initial emergency management of medical and surgical patients.
- It will also provide teaching opportunities and exposure to the distributive aspect of pharmacy services in the Emergency Department setting.
- The residency will serve as a resource for drug information, IV admixture, medication reconciliation and patient education.

### **Hematology – Adult (ORMC / UF Health Cancer Center Orlando Health)**

- The resident will gain experience caring for patients with various malignancies commonly encountered in an adult hematology setting.
- The resident will gain an understanding of various hematologic disorders and the associated complications.

### **Hematology/Oncology – Pediatric (APH)**

- The pediatric hematology oncology service is a pediatric medical multidisciplinary teaching service, led by a pediatric hematology oncology attending physician
- The rotation will expose the resident to a wide variety of pediatric hematology oncology disease states, including but not limited to leukemia, solid tumors, oncology supportive care, sickle cell disease and hemophilia

**Infectious Diseases, Adult (ORMC)**

- This inpatient consult service rotation provides an opportunity for the resident to gain experience in the clinical management of patients with a variety of infectious diseases including bacterial, fungal, viral, and parasitic diseases.
- This rotation will coach the resident to become an integral member of a consult team, functioning as an independent clinical resource for anti-infective medications.
- Residents will develop their ability to apply pharmacokinetic/pharmacodynamic principles and local epidemiology in clinical decision-making and provide effective education to physician and pharmacy staff.

**Internal Medicine, Adult (ORMC)**

- Active participation in rounds with the medical teaching service on adult general medicine patients.
- Education of house staff as well as other healthcare professionals on various topics of need.

**Internal Medicine, Pediatric (APH)**

- Focus on inpatient general pediatric pharmacotherapy as a part of a hospitalist-led multidisciplinary team.
- Emphasis on infectious diseases and pulmonary medicine.

**Medical Critical Care (ORMC)**

- The medical critical care rotation focuses on the critical care management of medical, neurological, and cardiovascular patients in an ICU setting.
- Pharmacy plays an integral role in a multidisciplinary, intensivist-led rounding team structure.

**Neurocritical Care (ORMC)**

- The Neurocritical Care rotation focuses on the critical care management of patients with acute neurologic injuries (intracranial hemorrhage, subarachnoid hemorrhage, seizures, spinal cord injuries, and traumatic brain injuries) as well as critically ill medical, surgical, or trauma patients.
- Pharmacy plays an integral role in a multidisciplinary, intensivist-led rounding team structure with two critical care services - medical and surgical, as well as the major consulting services neurology and neurosurgery.

**Neonatal Intensive Care (WPH)**

- The Neonatal Intensive Care Unit is a 112-bed Level III unit capable of providing the highest level of care for high-risk, critically-ill newborns.
- The neonatology rotation at Winnie Palmer Hospital is designed to provide an introduction into neonatal critical care medicine and disease states which commonly affect the newborn.

**Nutrition Support (ORMC)**

- The Nutrition Support rotation will expose the resident to the management of adult patients requiring specialized nutrition support.
- Residents will develop competency in nutritional assessment, planning and initiation of parenteral nutrition, evaluation of nutritional support efficacy, management of complications, and the transition off of parenteral nutrition.

**Pediatric Cardiac Critical Care (APH)**

- The Pediatric Cardiac Intensive Care Unit is a 14-bed combined medical and surgical unit for pediatric patients with congenital heart disease.
- Being ranked as one of the best pediatric cardiology programs in the country exposes the resident to expert clinicians, quality work, and a varied patient population.

- The rotation is designed to introduce the resident to all components of pediatric cardiology including: critical care management, surgical interventions, catheterizations, electrophysiology studies, echocardiograms, and the outpatient clinic if desired.

#### **Pediatric Critical Care (APH)**

- The Pediatric Intensive Care Unit is a 17-bed combined medical, surgical and trauma unit for pediatric patients.
- The rotation is designed to introduce the resident to all aspects of pediatric critical care.

#### **Pharmacotherapy (ORMC)**

- This rotation will provide the resident with a strong foundation in the basic principles of infectious diseases and antimicrobial therapy.
- This rotation will also provide the resident with an introduction to rounding with a team of physicians and the role of the clinical pharmacist.

#### **Pharmacy Practice Management (ORMC)**

- This rotation will provide the resident the opportunity to exercise leadership skills in identifying, investigating, and managing medication misadventures.
- The resident will gain experiences in planning and leading formal and informal workgroups and committees.

#### **Research**

- To provide the resident the opportunity to complete a research project on some aspect of pharmacy practice.
- The resident will work with guidance from their Project Advisors to develop a topic, complete a detailed project description (including data collection forms), obtain Institutional Review Board (IRB) approval, complete data collection and analysis, present their results at the Florida Residency Conference (FRC), and write up a manuscript suitable for publication.

#### **Surgical Critical Care (ORMC)**

- The surgical critical care rotation will expose the resident to the management of critically ill trauma and general surgery patients and provide an opportunity to develop skills in critical care pharmacotherapy.
- Pharmacy plays an integral role in a multidisciplinary, intensivist-led rounding team structure.

#### **Trauma/General Surgery (ORMC)**

- The trauma/general surgery rotation will help the resident develop skills in the pharmacotherapy management of surgery patients, treatment of infectious diseases, disaster preparedness, and responding to medical and surgical emergencies.
- The resident will round as part of a multidisciplinary trauma/general surgery team and respond to trauma alerts in the ORMC Emergency Department.

#### **Women's Obstetrics and Gynecology Services (WPH)**

- The Women's Obstetrics & Gynecology rotation at Winnie Palmer Hospital for Women and Babies (WPH) will enable the resident to further develop knowledge, attitudes, and skills of pharmaceutical care as related to obstetrics and gynecology in an acute care setting.
- The women's obstetrics and gynecology rotation will guide the resident through the typical progression of pregnancy, focusing on the high-risk obstetric patient. The rotation will expose the resident to the management of obstetrical and medical complications during pregnancy, labor and delivery, and postpartum. The resident will also be introduced to the various disease states commonly encountered in the inpatient gynecologic population.