

# Huntsville Hospital PGY-1 Pharmacy Residency Structure

*The purpose of Huntsville Hospital's PGY-1 pharmacy residency program is to build on the Doctor of Pharmacy education and outcomes to contribute to the development of clinical pharmacists responsible for medication-related care of patients with a wide range of conditions, eligible for board certification, and eligible for PGY-2 pharmacy residency training.*

## **REQUIRED DEFINED-LENGTH (generally one month) ROTATIONS:**

- Orientation and Initial Training (general overview of distributive and clinical services) and Nutrition Support and Pharmacokinetics (pharmacy-managed clinical services) – 2 months
- Cardiology (medical, surgical, interventional; also includes investigational drug studies) – 1 month
- Emergency Department (Adult) – 1 month
- Critical Care (one adult ICU rotation: chosen from surgical/trauma ICU, neurological ICU, medical ICU, or cardiovascular ICU) – 1 month
- Acute Care (rounding service: Infectious Diseases, Internal Medicine, or Pediatrics) – 1 month
- Transitions of Care (pharmacy- managed medication reconciliation program) – 1 month
- Management (includes Medication Safety<sup>#</sup> and Information Technology<sup>#</sup>) – 1 month

## **ELECTIVE ROTATIONS**

- Repeat any required rotation (or lengthen selected required experiences to 6-8 weeks)
- Choose an elective from the lists below

*[A minimum of eight months of direct patient care must be completed]*

### **Longitudinal Experiences and Rotations (required)**

- Unit-Based Practice
- Drug Information
- Midyear Poster (through Dec.)
- Major Project
- Presentations
- Precepting Pharmacy Students
- Community Outreach – “Mobile Medical”

*# - All residents undergo a one-week concentrated introduction to informatics during the first quarter of the residency.*

*All residents will undergo a comprehensive orientation experience at the beginning of the program*

### **Elective Opportunities**

- Repeat any “required” rotation
- Academia
- Internal Medicine / Family Medicine with UAB Team
- Information Technology
- Oncology (Inpatient, Outpatient, St. Jude Clinic)
- Pediatrics (RNICU/PICU, General Pediatrics, Pediatric ED)
- Ambulatory Care (UAB Family Medicine Clinics, Community Free Clinic)
- Outpatient Medical (Infusion) Center
- Discharge Patient Prescriptions Complete any medicine or critical experience listed above under required and selective sections (e.g., oncology, ID, various ICUs, etc.)

### **Other Activities**

- Opportunities to work with clinical specialists on publications and/or presentations
- “Experimental” rotations utilizing non-pharmacists as preceptors (requires RPD/RAC approval)

# Huntsville Hospital PGY-2 Critical Care Pharmacy Residency Structure

*The purpose of Huntsville Hospital's PGY2 Critical Care pharmacy residency program is to build on Doctor of Pharmacy education and PGY1 pharmacy residency programs to contribute to the development of clinical pharmacists in specialized area of practice. The PGY2 residency provides residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both into the provision of patient care or other advanced practice settings. Residents who successfully complete an accredited PGY2 pharmacy residency are prepared for advanced patient care, academic, or other specialized positions, along with board certification.*

## **REQUIRED DEFINED-LENGTH (generally one month) ROTATIONS:**

- Orientation (initial training will be determined by whether the resident's PGY-1 experience was completed at Huntsville Hospital) – 1 month
- Surgical/Trauma ICU or Neurological ICU (1 required, both are recommended)
- Medical ICU – 1 month required, 2 months recommended
- Cardiology (including Coronary Care Unit, CVICU, and Interventional Cardiology) – one month required, two months recommended
- Emergency Medicine

## **"SELECTIVE" ROTATIONS [must choose 1-2 rotations from the list below]:**

- Neurological ICU or Surgical/Trauma ICU
- Pediatric Critical Care (consists of pediatric and neonatal ICU, pediatric ED)
- Medicine-type elective (infectious diseases, oncology, internal medicine)
- Repeat any ICU/ED rotation listed above
- Academia

*[A minimum of seven months of rotations from the above lists must be completed]*

<p><b><u>Longitudinal Rotations (required)</u></b></p> <ul style="list-style-type: none"> <li>• Major Project</li> <li>• Midyear Poster (through Dec.)</li> </ul>	<p><i>It is expected that the critical care resident will spend as much time as possible in environments with critically ill patients. Therefore, the number of rotations that do not focus on such patients should be minimized. The program executive committee recommends that at least 8-9 months be spent providing direct patient care, with as many experiences in critical care as possible.</i></p>	<p><b><u>Elective Opportunities</u></b></p> <ul style="list-style-type: none"> <li>• Repeat any required or selective rotation (see lists above)</li> <li>• Numerous medicine sub-specialties (see PGY-1 offerings)</li> <li>• Academia</li> <li>• "Experimental" rotations utilizing non-pharmacists as preceptors (requires RPD/RAC approval)</li> </ul>
<p><b>For PGY-2 critical care residents who did NOT complete their PGY-1 residency at Huntsville Hospital, training will be provided in the following areas:</b></p> <ul style="list-style-type: none"> <li>• General Orientation</li> <li>• Nutrition &amp; Pharmacokinetics</li> <li>• Informatics</li> </ul>		

# Huntsville Hospital PGY-2 Infectious Diseases Pharmacy Residency Structure

*The purpose of Huntsville Hospital's PGY2 Infectious Diseases pharmacy residency program is to build on Doctor of Pharmacy education and PGY1 pharmacy residency programs to contribute to the development of clinical pharmacists in specialized area of practice. The PGY2 residency provides residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both into the provision of patient care or other advanced practice settings. Residents who successfully complete an accredited PGY2 pharmacy residency are prepared for advanced patient care, academic, or other specialized positions, along with board certification, if available.*

**Candidate Status – Structure Subject to Change**

## REQUIRED DEFINED-LENGTH (generally one month) ROTATIONS:

- Orientation (initial training will be determined by whether the resident's PGY-1 experience was completed at Huntsville Hospital) – 1 month
- Introduction to Infectious Diseases and Microbiology – 1 month
- Antimicrobial Stewardship – 1 month
- Medical Intensive Care Unit (MICU) – 1 month
- Research – 1 month

## "SELECTIVE" ROTATIONS [must choose 1 - 2 rotations from the list below]:

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| <ul style="list-style-type: none"> <li>• Surgical / Trauma Intensive Care Unit (STICU)</li> <li>• Neurocritical Care</li> <li>• Emergency Medicine</li> <li>• Internal Medicine / Family Medicine</li> <li>• Hematology / Oncology</li> </ul> | <ul style="list-style-type: none"> <li>• Infection Control</li> <li>• Outpatient Infusion Clinic</li> <li>• Infectious Diseases Clinic</li> <li>• Academia</li> <li>• Repeat a required rotation</li> </ul> |
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*[A minimum of seven months of rotations from the above lists must be completed]*

### Longitudinal Rotations (required)

- Antimicrobial Stewardship
- Major Project
- Midyear Poster (through Dec.)

**For PGY-2 infectious diseases residents who did NOT complete their PGY-1 residency at Huntsville Hospital, training will be provided in the following areas:**

- General Orientation
- Pharmacokinetics
- Informatics

*It is expected that the infectious diseases resident will spend as much time as possible in environments focusing on infectious diseases. Therefore, the number of rotations that do not focus on such patients should be minimized. The program executive committee recommends that at least 8-9 months be spent providing direct patient care, with as many experiences in infectious diseases as possible.*

### Elective Opportunities

- Repeat any required or selective rotation (see lists above)
- Numerous medicine sub-specialties (see PGY-1 offerings)
- Academia
- "Experimental" rotations utilizing non-pharmacists as preceptors (requires RPD/RAC approval)
- MAD-ID Poster

# Huntsville Hospital PGY-2 Hematology/Oncology Pharmacy Residency Structure

*The purpose of Huntsville Hospital’s PGY2 Oncology pharmacy residency program is to build on Doctor of Pharmacy education and PGY1 pharmacy residency programs to contribute to the development of clinical pharmacists in specialized area of practice. The PGY2 residency provides residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both into the provision of patient care or other advanced practice settings. Residents who successfully complete an accredited PGY2 pharmacy residency are prepared for advanced patient care, academic, or other specialized positions, along with board certification.*

**Pre-Candidate Status – Structure Subject to Change**

## REQUIRED DEFINED-LENGTH (generally one month) ROTATIONS:

- Orientation (initial training will be determined by whether the resident’s PGY-1 experience was completed at Huntsville Hospital) – 1 month
- Inpatient Hematology/Oncology – 2 months
- Outpatient Chemotherapy Infusion Clinic– 1 month
- Pediatric Hematology/Oncology – 1 month
- Specialty Pharmacy – 1 month
- Research – 1 month

## “ELECTIVE” ROTATIONS [must choose 1 - 2 rotations from the list below]:

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| <ul style="list-style-type: none"> <li>• Gynecologic Malignancies</li> <li>• Medical Intensive Care Unit (MICU)</li> <li>• Palliative Care and Hospice</li> <li>• Pediatric Hematopoietic Stem Cell Transplant</li> </ul> | <ul style="list-style-type: none"> <li>• Infectious Disease</li> <li>• Administration</li> <li>• Repeat a required rotation</li> </ul> |
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*[A minimum of seven months of rotations from the above lists must be completed]*

### Longitudinal Rotations (required)

- Hematopoietic Stem Cell Transplantation
- Hematology/Oncology Clinic
- Major Project
- ASHP Midyear Poster (through Dec.)
- ACPE-accredited continuing education presentation
- Submission of manuscript to peer-reviewed journal

### Elective Opportunities

- Repeat any required or selective rotation (see lists above)
- Numerous medicine sub-specialties (see PGY-1 offerings)
- Academia
- “Experimental” rotations utilizing non-pharmacists as preceptors (requires RPD/RAC approval)

**For PGY-2 oncology residents who did NOT complete their PGY-1 residency at Huntsville Hospital, training will be provided in the following areas:**

- General Orientation
- Pharmacokinetics
- Informatics