



## PGY2 Emergency Medicine Pharmacy Residency

**Program Code: 36037**

**NMS Code: 687469**

Located in beautiful Asheville, North Carolina, Mission Hospital is the largest facility in the Mission Health System, serving an 18 county area of Western North Carolina. This 815-bed community teaching hospital was ranked No. 1 “Best Hospital” in North Carolina for 2017 and 2018 by Business North Carolina and ranked in the top 1% of “Best Hospitals” nationally in 2016 by Heathgrades. We are the regional referral center for tertiary and quaternary care, a comprehensive stroke center and a level-2 trauma center. Mission is also home to a 94-bed emergency department, 85 bed children’s hospital and 100 bed behavioral health unit.



Mission Health System is a part of HCA Healthcare, one of the largest health systems in the world. Based in Nashville, Tennessee, HCA Healthcare is comprised of more than 180 hospitals and approximately 1,800 sites of care, including surgery centers, freestanding ERs, urgent care centers and physician clinics, in 20 states and the United Kingdom.

### Program Description

Mission Hospital serves as the region's only Level II trauma center (Level I status is projected to be instated in 2021) and regional referral center serving patients from North Carolina, Georgia, South Carolina and Tennessee. The majority of the experience will occur in the center’s 96-bed emergency department with an average of 105,000 patient visits per year.

Emergency medicine (EM) pharmacy is a rapidly growing field with new residency programs and job openings appearing every year. The purpose of the Mission Hospitals Emergency Medicine residency program is to graduate proficient pharmacy clinicians who have advanced practice and precepting skills needed to be confident in an emergency department, academia, or other specialized positions. Residents become equipped to be integral members of a multi-disciplinary team possessing a broad knowledge of evidence-based emergency medicine drug therapy.

Opportunities for elective experiences exist throughout the health system and may be tailored to fit the resident's needs. The resident will also serve as a primary preceptor for PY4 students in the ED, receives an adjunct faculty appointment and has lecture opportunities in critical care and toxicology. The goal of the residency is to provide advanced training in emergency care through the following experiences:

- Prospective order review
- Response to traumas and other code-type situations
- Discharge antibiotic follow up
- Patient education
- Drug information
- Toxicology training
- Consultations
- Interdepartmental committee participation

### **About Our Team**

Emergency services at Mission Hospital include clinical pharmacist coverage in the emergency department 7 days a week from 7am to 11pm as well as night shift coverage from 11pm to 7am. During these hours there are always one to two clinical pharmacists staffing within the department. There are also certified pharmacy technicians employed in the emergency department (20 hours a day, 7 days a week) to obtain patient medication histories used in the medication reconciliation process.

### **The Asheville Experience**

Mission Hospital is conveniently nestled in the gorgeous Blue Ridge Mountains. Easy access to the Blue Ridge Parkway, the Appalachian Trail, and hundreds of acres of Pisgah national Forest allow for incredible hiking experiences. A lazy river float, stunning waterfall hike, and 360-degree mountain-top views are plentiful as well as world class restaurants, breweries, art galleries and music festivals. There are abundant recreational activities year round!

### **PGY2 Emergency Medicine Residency Program Director Contact Information**

#### **Rylee Rankin, PharmD, BCPS**

Emergency Medicine Clinical Pharmacist  
Emergency Medicine PGY2 Residency Program Director

Mission Hospital | Mission Health  
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## Application Deadline: December 31<sup>st</sup>, 2020

### Application Requirements

We are using the ASHP-supported application portal, PhORCAS for resident application submissions. **\*Application deadline for Mission Hospital is December 31<sup>st</sup>, 2020\***

Through the [PhORCAS site](#), and as part of our application packet, we require the following documents:

- Copy of college transcript(s)
- Curriculum vitae
- Letter of intent
- 3 letters of recommendation using the standardized form on PhORCAS

*\*Mission Hospital does not sponsor H1B or other visas\**

*\*The preference is to have residents licensed by July 1st. Residents must be licensed within 90 days of starting the program.\**

**Program Code:** 36037

**National Matching Service Code:** 687469

**Positions Available:** 1 Resident

**Duration of Residency:** 12 Month Residency

# PGY2 Emergency Medicine Pharmacy Residency

<b>Required Learning Experiences</b> (Experience Length: ~1 month)	<b>Elective Learning Experiences</b> (Experience Length: 1 month)	<b>Longitudinal Experiences</b>	<b>Additional Requirements</b>
<ul style="list-style-type: none"> <li>• Orientation/Emergency Med I                             <ul style="list-style-type: none"> <li>○ July-August</li> <li>○ Modified if PGY1 at Mission</li> </ul> </li> <li>• Emergency Med II                             <ul style="list-style-type: none"> <li>○ 4 Week Experience</li> </ul> </li> <li>• Emergency Med III                             <ul style="list-style-type: none"> <li>○ 8 Week Experience</li> </ul> </li> <li>• Precepting in Emergency Medicine                             <ul style="list-style-type: none"> <li>○ Serve as Primary Preceptor for PY4 Student</li> </ul> </li> <li>• Critical Care                             <ul style="list-style-type: none"> <li>○ Neuro-Trauma ICU</li> <li>○ Med-Surg ICU</li> <li>○ Pediatric ICU</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• ED Psychiatry or Inpatient Psychiatry</li> <li>• Trauma Care Unit</li> <li>• Cardiology</li> <li>• Antimicrobial Stewardship</li> <li>• Clinical Pharmacy Management</li> </ul>	<ul style="list-style-type: none"> <li>• Research</li> <li>• Leadership Pearls/Lead The Way</li> <li>• Emergency Preparedness                             <ul style="list-style-type: none"> <li>○ Maintenance of SMAT Formulary</li> </ul> </li> <li>• Quality and Education                             <ul style="list-style-type: none"> <li>○ Journal Clubs</li> <li>○ Tox Talks</li> <li>○ One lecture in critical care and toxicology electives at UNC Eshelman School of Pharmacy</li> </ul> </li> <li>• Staffing                             <ul style="list-style-type: none"> <li>○ Every 3rd weekend</li> <li>○ 1 Holiday</li> </ul> </li> <li>• Ambulatory Care                             <ul style="list-style-type: none"> <li>○ Anticoagulation Clinic</li> <li>○ ½ Day Sept – Dec</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Formal CE                             <ul style="list-style-type: none"> <li>○ Pharmacist Clinical Meeting</li> <li>○ ED Physician Pharmacy Updates</li> </ul> </li> <li>• South Eastern Residency Conference Presentation</li> <li>• Powerplan Review</li> <li>• Medication Use Evaluation (1)</li> <li>• ACLS Certification</li> <li>• Student Precepting</li> </ul>

# PGY2 Salary and Benefits

## Salary

PGY2 Salary - \$51,500

## Benefits

### *Paid Time Off (PTO)*

Residents accrue paid time off (PTO) days during the 12-month program. PTO must be used for scheduled personal leave, illness and job interviews. The resident salary goes toward attendance to the Southeastern Residency Conference (SERC) meetings without using any PTO. The resident may also attend an emergency medicine focused conferences such as American College of Emergency Physicians (ACEP) or Society for Academic Emergency Medicine (SAEM).

### *Health Benefits*

Health coverage for you and your immediate family is available through optional Mission Health Care Plans. Please see [Mission & Me](#) for detailed information on all employee benefits.

### *Dedicated Office Space*

Office space is provided for all residents in a collaborative environment. The office is housed near preceptors with easy access to patient care units, staffing areas, conference rooms and shuttle service to clinic buildings. The PGY2 Emergency Medicine resident will have office located in our pharmacy education space. A laptop is provided with a docking station and monitor.

### *Stock Options*

HCA Healthcare employees have the option to purchase HCA Healthcare stock through the Employee Stock Purchase Plan at a discount. Please see [Mission & Me](#) for detailed information on all employee benefits.

### *Student Loan Assistance*

HCA Healthcare offers student loan assistance program that residents are eligible to enroll for. Please see [Mission & Me](#) for detailed information on all employee benefits.

# Current Resident

## PGY2 Emergency Medicine Pharmacy Residency

**Liz Lucas, PharmD**



**Hometown:**  
Birmingham, AL

**Undergraduate School:**  
Sewanee University

**Pharmacy School:**  
Samford University  
McWhorter School of Pharmacy

**Contact Information:**  
[Liz.Lucas@HCAHealthcare.com](mailto:Liz.Lucas@HCAHealthcare.com)





# Preceptors

Inpatient Preceptors	Learning Experience Precepted	Area of Day-to-Day Practice
Michael Herman, PharmD Peter Brunner, PharmD Joe Rafferty, PharmD Clay Otto, PharmD, BCPS Rathasen Prom, PharmD	Cardiology	Heart Services
Tiffany Gardella, PharmD Josh Samuelson, PharmD (Preceptor in training) Lisa Armstrong, PharmD, BCPS, BCCCP Julie Bednarski, PharmD, BCPS, CPP	Medical/Surgical ICU Trauma Care Unit Neuro/Trauma ICU	Critical Care
Beth Becker, PharmD, BCPS Jesse Fulmer, PharmD, MHIT, BCIDP	Infectious Disease	Infectious Disease
Elizabeth Michalets, PharmD, BCPS, FCCM  Katie Sheldon, PharmD, MS  Joe Bonkowski, PharmD, MS, MHA  Christie Dresback, PharmD, CPP	Longitudinal, Management	Education and Research Manager  Division Director of Pharmacy Operations  Director of Pharmacy  Manager of Outpatient Clinical Pharmacy Services
Lindsay Harris, PharmD, BCCCP  Kelli Kirkpatrick, PharmD	Clinical Pharmacy Management	Clinical Pharmacy Manager and PGY1 RPD  Clinical Pharmacy Manager
Lee Carson, PharmD Karen Kovey, PharmD, BCPS, BCPPS Jessica Rosson, PharmD Sam Olson, PharmD	PICU	NICU, PICU and Pediatrics
Nico Conte, PharmD	Psychiatry	Psychiatry
Rylee Rankin, PharmD, BCPS Erika Herman, PharmD Mike Wegner, PharmD, BCPS Melanie Jaeger, PharmD (Preceptor in training)	Emergency Medicine	Emergency Department
<b>Ambulatory Preceptors</b>		
Krista Luck, PharmD, CPP Kristin Duffey, PharmD, CPP	Anticoagulation Service	Anticoagulation Clinic

## Past Residents *(past 5 years)*

**2020: Caroline Welch, PharmD**

- Adult Emergency Medicine Clinical Pharmacist | Baptist Health, Jacksonville, FL

**2019: Colleen Riley, PharmD**

- Clinical Pharmacist | Mission Hospital, Asheville, NC

**2018: Rylee Rankin, PharmD, BCPS**

- Emergency Medicine Clinical Pharmacist | Mission Hospital, Asheville, NC

**2017: Joel Huffman, PharmD, BCCCP**

- Emergency Medicine Clinical Pharmacist | Wesley Medical Center, Wichita, KS

**2016: Charles Wingerson, PharmD**

- Assistant Professor of Pharmacy Practice | Presbyterian College School of Pharmacy, Clinton, SC

**2015: Chara Calhoun, PharmD**

- Emergency Medicine Clinical Pharmacy Specialist | Medical University of South Carolina, Charleston, SC



## Requirements for Completion of PGY2 Emergency Medicine Pharmacy Residency

Requirement	Date Completed	Resident's Initials	Preceptor's Initials
<b>Orientation and Licensure</b>			
Obtain or maintain NC pharmacy license within 90 days of start date*			
Attend and complete hospital's general orientation, if not previously completed			
Complete assigned Health Stream modules			
Complete IRB Cititraining, not already competed			
Attend ACLS/BCLS training and participate in Code Blue emergencies, if not already certified			
<b>Goals and Objectives</b>			
"Satisfactory progress" on 100% of required objectives			
"Achieve" on 85% of required objectives			
Complete scheduled weekend staffing shifts as distributive or clinical pharmacist			
Present for at least 80% of scheduled days on each learning experience			
<b>Precepting, Teaching and Leadership</b>			
Completion of UNC required preceptor training			
Serve as primary preceptor for at least one APPE student for a one month clerkship in the ED			
Completion of one lecture or case discussion for Critical Care Elective at UNC			
Participate in monthly "Lead the Way" leadership series and complete all assignments (yearlong)			
Complete one assigned annual activity and update checklist			
Participate in one committee or CPM team (if assigned)			
<b>Research</b>			
Complete research project and present at Clinical Meeting or other multidisciplinary committee			
Present poster at Midyear Clinical Meeting or other emergency medicine meeting (funded by resident)			
Present research project at SERC (if assigned, funded by resident)			
<b>Formulary Management</b>			
Complete one assigned drug class review or power plan by assigned deadlines			
Complete one MUE (may be part of research project or separate review)			
<b>Presentations</b>			
Present one CE program at Clinical Meeting (one per year)			
Present toxicology "Tox Talk" or journal club (10)			
<b>Recruiting</b>			
Participate in Residency Showcase at NCAP (or recruitment material preparations, if not attending)			
Participate in on-site residency interviews			

\*Failure to obtain license within 90 days from the first day of residency program will result in termination of employment and residency program, unless circumstances are deemed out of resident's control (determined by RPD and RAC).