

# **PGY1/PGY2 Health-System Pharmacy and Leadership Residency Program Overview – Corewell Health Grand Rapids Hospitals**

## **Purpose**

PGY1 residency programs build upon Doctor of Pharmacy (PharmD) education and outcomes to develop pharmacist practitioners with knowledge, skills, and abilities as defined in the educational competency areas, goals, and objectives. Residents who successfully complete PGY1 residency programs will be skilled in diverse patient care, practice management, leadership, and education, and be prepared to provide patient care, seek board certification in pharmacotherapy (i.e., BCPS), and pursue advanced education and training opportunities including postgraduate year two (PGY2) residencies.

PGY2 residency programs build upon PharmD education and PGY1 pharmacy residency training to develop pharmacist practitioners with knowledge, skills, and abilities as defined in the educational competency areas, goals, and objectives for advanced practice areas. Residents who successfully complete PGY2 residency programs are prepared for advanced patient care or other specialized positions, and board certification in the advanced practice area, if available.

Residents within the Corewell Health Grand Rapids PGY1/PGY2 Health System Pharmacy Administration and Leadership (HSPAL) residency is to build upon PGY1 residency graduates' competence in the delivery of patient-centered care and in pharmacy operational services to prepare residents for high level managerial, supervisory, and leadership responsibilities. Areas of competence emphasized during the program include safe and effective medication-use systems, quality assurance and improvement, the management of human resources, the management of financial resources, use of technology, and leadership.

## **Program Highlights**

- Variety of required and elective learning rotations with flexibility of scheduling to align with resident areas of interest.
- Preceptors with advanced administrative and leadership experience that provide direct modeling and mentoring for rotational experiences and project assignments.
- Resident selects an individual mentor who becomes part of the resident's formal evaluations and is a member of the Residency Advisory Committee (RAC).
- Resident progress is tracked, evaluated, and communicated regularly.
- Residents participate in a research seminar series while completing longitudinal research opportunity to develop a teaching portfolio through the Pharmacy Education Development and Lecture Series presented by Ferris State University and receive a certificate upon completion.
- Residents obtain Advanced Cardiac Life Support (ACLS) certification and have the option to complete Pediatric Advanced Life Support (PALS) certification.

## **Program Director:**

Margo Bowman, PharmD, MS – Senior Director, Clinical Pharmacy Services  
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## Learning Environment

### Our System:

[Corewell Health](#) is a not-for-profit large dynamic health system that strives to improve health, instill humanity, and inspire hope for our patients and community across the state of Michigan. Formally known as Spectrum Health, the healthcare team of Corewell Health West, one of four Corewell Health divisions, accomplishes these goals with over 4000 physicians and advance practice providers, 14 hospitals and 155 ambulatory locations. Within Corewell Health West, our PGY1 Pharmacy Residency training is focused at our Corewell Health Grand Rapids Hospitals (Butterworth, Blodgett, and Helen DeVos Children's Hospitals), which consist of a total of approximately 1200 licensed beds and include a comprehensive stroke center, approximately 100 ICU beds, a large neonatal ICU, and Level 1 adult and pediatric trauma centers. Additional PGY1 Pharmacy Resident learning experiences are available in primary care and specialty clinics throughout Grand Rapids and West Michigan, community hospitals in West Michigan, and with Priority Health.

### Our Teams:

The Corewell Health West Michigan pharmacy team consists of over 200 pharmacists and 230 non-pharmacist team members focused on providing high quality pharmaceutical care to improve health in numerous patient care settings. Inpatient pharmacy services are provided in a multidisciplinary, decentralized model. Clinical pharmacy specialists and clinical pharmacist teams, with the support of excellent technical staff, are integrated into the many patient care areas and medical teaching environments across various medical specialties. Primary Care pharmacy services are provided by pharmacists with collaborative practice agreements, who provide integrated support to 31 clinics in and surrounding Grand Rapids.

### Our Training Programs:

The pharmacy team at Corewell Health Grand Rapids Hospitals has been provided ASHP-accredited PGY1 Pharmacy Residency training since 1998. Our PGY1 Pharmacy Residents integrate with other pharmacy learners during the program, including but not limited to PGY2 Pharmacy Residents, longitudinal pharmacy interns, longitudinal Ferris State University APPE students, and additional APPE/IPPE students from varying colleges of pharmacy through longitudinal educational events.

Interested PGY1 Pharmacy Residents are eligible to seek early commitment application with Corewell Health Grand Rapids Hospitals PGY2 Pharmacy Residency Programs each Fall. Visit [Pharmacy Residency Programs](#) for information on additional programs.

### Diversity Statement

At Corewell Health, our mission is to improve health, inspire hope and save lives. To do this, our [Diversity, Equity & Inclusion](#) team focuses on five areas aimed at eliminating health disparities and better reflecting the communities we serve – Cultural Competence, Equity of Care, Workforce Diversity, Community Engagement, and Supplier Diversity. Our team members participate in education to enrich understanding and inspire action for health equity.

## PGY1 Pharmacy Residency Requirements

### Requirements for successful completion:

1. Obtain pharmacist and controlled substance licensure from the Michigan Board of Pharmacy within 90 days of start date
2. Complete Advanced Cardiac Life Support (ACLS) Certification
3. Complete Professional & Leadership Development seminar
4. Complete two Continuing Education presentations
5. Complete Medication Use Evaluation
6. Complete requirements for residency research project
  - a. Closure of resident research study with the Institutional Review Board (IRB) or transfer of study to an individual that will be remaining with Corewell Health
7. Successful completion of all required learning experiences
8. Earn “Achieved for Residency” in 85% of all residency objectives

### Longitudinal Learning Experiences:

Required program activities will be completed with longitudinal learning experiences on service commitment, major research project, medication use evaluations, medication safety, departmental committee involvement, and continuing education presentations.

Additional available longitudinal activities include emergency medical response and a teaching certificate offered through the PEDALS program with Ferris State University.

### Non-Longitudinal Learning Experiences:

Non-longitudinal learning experiences are scheduled based on a calendar month and are 4-5 weeks in duration. The month of December focuses on meeting attendance, project time, and service commitment.

### Required Selective Learning Experiences:

The following learning experience categories are required; however, residents may select among available options meeting the requirements of the category. At least one required learning experience must have a pediatric emphasis (denoted \*).

1. Orientation / Service Commitment
  - a. Typically occurs in the first month of residency and consists of orientation to the residency, pharmacy department, health system, and training with the service commitment team
2. Ambulatory Care
  - a. Ambulatory Care – Blood & Marrow Transplant
  - b. Ambulatory Care – Heart & Lung Transplant
  - c. Ambulatory Care – Primary Care
3. Antimicrobial Stewardship
  - a. Antimicrobial Stewardship – Adult (Butterworth, Blodgett, or Regional Hospitals)
  - b. Antimicrobial Stewardship – Outpatient
  - c. Antimicrobial Stewardship – Pediatrics\*
4. Critical Care
  - a. Critical Care – Cardiothoracic
  - b. Critical Care – Medical
  - c. Critical Care – Medical and Burn

- d. Critical Care – Neonatal\*
- e. Critical Care – Neurosciences
- f. Critical Care – Pediatrics\*
- g. Critical Care – Surgical
- 5. Internal Medicine
  - a. Internal Medicine – Adult (Butterworth or Blodgett Hospitals)
  - b. Internal Medicine – Pediatrics\*
  - c. Internal Medicine – Primary Care
- 6. Pharmacy Administration
  - a. Ambulatory Care
  - b. Clinical Pharmacy Services
  - c. Pharmacy Operations – Grand Rapids
  - d. Pharmacy Operations – Helen DeVos Children’s Hospital

### ***Elective Learning Experiences:***

Residents will complete five elective rotations. For elective rotations, residents may complete a different required selective learning experience (see list above) with a different preceptor or choose from additional experiences below:

#### **Adult Electives:**

- Ambulatory Care – Cardiology
- Ambulatory Care – Geriatrics
- Ambulatory Care – Medication Care Coordination
- Ambulatory Care - Neuroscience
- Blood & Marrow Transplant – Inpatient
- Cardiology – Inpatient
- Critical Care/Emergency Medicine (evenings)
- Emergency Medicine
- Heart & Lung Transplant – Inpatient
- Oncology & Hematology

#### **Pediatric Elective:**

- Hematology-Oncology

#### **Non-Direct Patient Care Electives:**

- Academia (Ferris State University)
- Managed Care
- Medication Use
- Pharmacy Informatics

Other elective learning experiences may be developed based on resident interest and preceptor availability. In accordance with [ASHP Accreditation Standard for Postgraduate Residency Programs](#), no more than one-third of direct patient care learning experiences may focus on a specific disease state or population and at least two thirds or more must be in patient care activities.

## PGY2 Pharmacy Residency Requirements

### ***Required Rotations:***

- Clinical Pharmacy services
- Grand Rapids Pharmacy Operations
  - Corewell Health Butterworth, Blodgett, and Helen DeVos Children's Hospital
- Management/Project month
- Orientation/Service commitment
- Pharmacy Business Services
- Regional Pharmacy Operations
  - Corewell Health Big Rapids, Gerber, Kelsey, Ludington, Pennock, Reed City, Zeeland, United
- Clinical Supervisor (inpatient)

### ***Elective Rotations (1 month in length)\*:***

- Ambulatory Management
- Informatics
- Managed Care
- Medication Safety

\*In addition to the rotations outlined above, other rotations may be available per request

### ***PGY1/PGY2 Required Longitudinal Experiences include:***

- Committee involvement
- Continuing education presentations
- Leadership Seminars
- Manager-on-call duties (starting in July of PGY2 year)
- Major research projects
- Medication use evaluations (MUE)
- Medication Safety

## **Duty Hours**

The resident and program will comply with [ASHP Duty Hour Requirements for Pharmacy Residencies](#) and will acknowledge duty hours throughout the residency year at least monthly.

## **Service Commitment**

All residents will complete a training learning experience with the assigned service commitment team. Service commitment shifts are generally 8-hours in length and may occur between the hours of 06:00 and 23:59 as scheduled for the location.

The assigned service commitment team depends on the resident's experience and interests and the staffing needs of the department. Options for staffing include the Butterworth inpatient pharmacy, Helen DeVos Children's Hospital pharmacy, Blodgett inpatient pharmacy, Butterworth ICU pharmacy, or the Butterworth emergency department pharmacy teams.

***The frequency of scheduled service commitment shifts will include:***

- Weekends:
  - First quarter: two shifts every other weekend with one project day surrounding weekend to replace scheduled rotation day
  - By October, residents transition to two shifts every third weekend for the remainder of the year
- Weekdays:
  - One shift to replace scheduled rotation day every three weeks starting in October through the remainder of the year
  - Five shifts during the month of December
- Two Holidays
  - Each resident will be scheduled to staff either Thanksgiving or Christmas and one of the remaining Corewell Health-recognized holidays following licensure (Labor Day, New Year's Day, Martin Luther King Jr. Day, or Memorial Day)

## Stipend and Benefits

PGY1 Pharmacy Residents will receive a competitive compensation package which includes an annual salary, health benefits, and paid time off.

**Start date:** June 24, 2024

**Salary:** The annual PGY1 residency stipend is \$51,000 and the PGY2 annual residency stipend is \$54,000. Residents have the option of staffing additional shifts outside of the service commitment at pharmacist wage.

**Benefits:** Residents are recognized as full team members of Corewell Health and are eligible for medical, dental, vision, and life insurance

**Paid Time Off (PTO):** PTO days include vacation, sick, and personal days  
Residents accrue PTO hours at a fixed rate during each pay period, resulting in approximately 15 days of PTO by the end of the year  
Additionally, Corewell Health recognizes seven paid holidays  
Unused PTO is paid out at the completion of employment

**Travel expenses:** Paid travel expenses (hotel, registration, transportation) up to \$3,000 to attend the ASHP Midyear Clinical Meeting at the discretion pharmacy department annual review and approval

**Office & Resources:** The PGY1 Pharmacy Residents share an office space with individual computer workstations, telephones, office supplies, photocopying privileges, and business cards.

## Application

The Corewell Health Grand Rapids Hospitals PGY1 Residency Program is accredited by ASHP and participates in the National Matching Services' ASHP Match with the **Program Code 124113**.

All PGY1 residency applications will be accepted through the Pharmacy Online Residency Centralized Application Service (PhORCAS).

**Application deadline:** January 2

**Application Requirements:**

- Completed PhORCAS Application, including Extracurricular Information
- Letter of Intent (recommend 1-page limit)
- Curriculum Vitae
- Standardized Reference Forms in PhORCAS – application should include exactly 3 completed references
- Verified Transcript(s)

**Applicant Qualification Requirements:**

- Graduate or 2024 candidate for graduation from an ACPE accredited degree program (or one in the process of pursuing accreditation) or have a Foreign Pharmacy Graduate Examination Committee (FPGEC) certificate from the National Association of Boards of Pharmacy (NABP).
- Eligible to work in the United States for the entire 52-week duration of residency
- Eligible for pharmacist licensure examinations required by the Michigan State Board of Pharmacy by summer 2024. Failure to obtain Michigan pharmacist licensure within 90 days of start date will result in dismissal from the program.

## Interview

Interviews are required and generally occur on Mondays, Wednesdays, or Fridays during January or February. The exact structure, length, and format of interviews will be determined based on anticipated institutional and state visitor restrictions during the interview timeframe. For 2024 interviews, we anticipate full-day virtual interviews with subsequent opportunity to complete an optional on-site tour if desired.

## Match

This residency site agrees that no person at this site will solicit, accept, or use any ranking related information from any residency applicant.

All match offers are contingent upon successful completion of the application process including, but not limited to, reference checks, background checks, and obtaining licensure as a pharmacist in the State of Michigan.



## PGY1 Pharmacy Residency Preceptors

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