PGY1 Pharmacy Residency Program Overview

Spectrum Health Hospitals

Purpose
The purpose of the PGY1 Pharmacy Residency Program at Spectrum Health Hospitals is to 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 the PGY1 Residency Program 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.

Overview

Strengths of the Spectrum Health PGY1 Pharmacy Residency Program:

- Accredited by ASHP since 1998 with >100 program graduates
- Variety of learning experiences offered at several hospital and clinic sites in a large health system throughout West Michigan
- Flexibility of scheduling allowing residents to pursue experiences in their areas of interest with a variety of elective learning experiences
- Preceptors that routinely practice in the areas they precept and provide direct modeling and mentoring for patient care experiences and project assignments
- A Residency Advisory Committee (RAC) focused on collecting and incorporating feedback from residents directly into the program structure
- Resident selects an individual mentor who assists with career development and providing longitudinal feedback with the resident’s formal evaluations
- Residents participate in a Research Seminar Series while completing longitudinal research projects
- Residents have the opportunity to develop a teaching portfolio through the Pharmacy Education Development and Lecture Series presented by Ferris State University College of Pharmacy and receive a certificate upon completion
- Additional teaching opportunities exist on rotations and with the Pharmacy Grand Rounds presentation series
- Residents obtain Advanced Cardiac Life Support (ACLS) certification and have the option to complete Pediatric Advanced Life Support (PALS) certification

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Learning Environment

Our System: The BHSH System is a not-for-profit health system that provides care for patients across the state of Michigan. As one of BHSH System’s four divisions, the Spectrum Health West Michigan division includes a dynamic pharmacy team focused on provided high quality pharmaceutical care to improve health. PGY1 Pharmacy Resident learning experiences are primarily focused at Spectrum 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 experiences are available in primary care clinics, community hospitals, and with Priority Health.

Our Teams: The Spectrum Health West Michigan pharmacy team consists of over 200 pharmacists and 230 non-pharmacist team members 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 23 primary care clinics and three specialty clinics in and surrounding Grand Rapids.

Our Training Programs: 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 Spectrum Health PGY2 Pharmacy Residency Programs each Fall. Visit Spectrum Health Pharmacy Residency Programs for information on additional programs.

Additionally, Spectrum Health will be undergoing a system name change to Corewell Health West throughout 2023. For applications and the 2023 Match, the Spectrum Health name will continue to be used.

Residency Requirements

Requirements for successful completion of PGY1 Pharmacy Residency at Spectrum Health:

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 leadership seminar
4. Complete two Continuing Education presentations
5. Complete Medication Use Evaluation
6. Successful completion of all required learning experiences
7. Earn Achieved for Residency in 85% of all residency objectives
8. 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 Spectrum Health
Longitudinal Learning Experiences:
Required program activities will be completed with longitudinal learning experiences on service commitment, major research project, medication use evaluations, and continuing education presentations.

Additional available longitudinal activities include medication safety, departmental committee involvement, emergency medical response, and a teaching certificate offered with Ferris State University.

Non-Longitudinal Learning Experiences:
Non-longitudinal learning experiences are typically associated with 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.

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 in the service commitment area

2. Ambulatory Care
   a. Ambulatory Care – Blood & Marrow Transplant
   b. Ambulatory Care – Primary Care
   c. Ambulatory Care – Geriatrics

3. Antimicrobial Stewardship
   a. Antimicrobial Stewardship – Adult
   b. Antimicrobial Stewardship – Pediatrics*
   c. Antimicrobial Stewardship – Outpatient

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, Blodgett, or Zeeland Hospitals)
   b. Internal Medicine – Pediatrics*
   c. Internal Medicine – Primary Care

6. Pharmacy Administration
   a. Clinical Pharmacy Services
   b. Primary Care
   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:**
- Blood & Marrow Transplant – Inpatient
- Cardiology – Ambulatory Care
- Cardiology – Inpatient
- Emergency Medicine
- Evening Emergency Medicine/Intensive Care
- Internal Medicine – Ferris State University
- Medication Care Coordination
- Oncology
- Solid Organ Transplant

**Pediatric Elective:**
- Hematology-Oncology

**Non-Direct Patient Care Electives:**
- Academia – Ferris State University
- Clinical Informatics
- Managed Care
- Medication Use

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.

**Duty Hours**
The resident and program will comply with ASHP Duty Hour Requirements for Pharmacy Residencies and will acknowledge throughout the residency year at least monthly.

**Service Commitment**
All residents will complete a training learning experience in the assigned service commitment location. 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 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 schedule 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 Spectrum Health-recognized holidays (Independence Day, Labor Day, New Year’s Day, Martin Luther King Jr. Day, and Memorial Day)

The location of the service commitment 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.

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 26, 2023

Salary: $49,500 annual residency stipend
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 Spectrum 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
Unused PTO is paid out at the completion of employment
Additionally, Spectrum Health recognizes seven paid holidays

Travel expenses: Paid travel expenses (hotel, registration, transportation) to attend the ASHP Midyear Clinical Meeting

Office & Resources: The PGY1 Pharmacy Residents share an office space with individual computer workstations, telephones, office supplies, photocopying privileges, and business cards.
Application
The Spectrum Health 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:** December 31

**Application Requirements:**
- Completed PhORCAS Application, including Extracurricular Information
- Letter of Intent (suggested 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 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 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 2023. 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. All candidates selected for an interview will be expected to present a 15-minute presentation to members of the Spectrum Health PGY1 Residency Advisory Committee (RAC).

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 Residency Preceptors

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PGY1 Pharmacy Residency Program Overview

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