



Lutheran Hospital  
**PGY-1 Pharmacy Practice**  
Residency Program



**Lutheran**  
Health Network





## PGY-1 Pharmacy Practice

### ▶ Residency Overview

The Pharmacy Practice Residency Program is a comprehensive post-graduate training program that provides unique learning opportunities with diverse patient populations in multiple facilities. Residents have the opportunity to advance their clinical skills and knowledge base, further develop their leadership skills and provide patient-centered pharmaceutical care as an integral member of the healthcare team.

#### Goals

- Develop leadership skills that meet current pharmacy practice challenges and promote advancement of the profession
- Gain the knowledge necessary to serve as the expert medication consultant on a multidisciplinary team
- Strengthen communication skills to provide accurate and timely drug information to patients, healthcare providers and students
- Advance clinical skills to ensure safe and effective medication use that results in positive patient outcomes
- Promote medication safety through the application of best practices utilizing critical thinking skills, technology and other available resources

## Pharmacy Practice Residency Program

# ▶ Mission Statement

The mission of the Pharmacy Practice Residency Program is to empower pharmacy residents to become independent, competent and confident pharmacists in an environment that fosters professionalism, teamwork and accountability.

### PGY-1 Pharmacy Practice Residency Curriculum

- Orientation
- Ambulatory Care
- Adult Medicine
- Medication Safety/  
Drug Information
- Infectious Disease
- Critical Care
- Practice Management
- Education
- Staffing
- Longitudinal Project
- Oncology\*
- Transplant (Heart, Kidney)\*
- Family Practice Clinic\*
- Burn Unit/Wound Clinic\*
- Research\*
- Administration\*
- Clinical Administration\*
- Advanced Pharmacy Informatics\*
- Emergency Services\*

\* Indicates elective learning experiences

### Service Requirement

Residents work three weekdays per month, every fourth weekend and one major and one minor holiday as part of the staffing component of the curriculum. Residents have the opportunity to provide additional staffing coverage as desired for additional compensation.

# The Lutheran Health Network

The Lutheran Health Network is a network of eight hospitals, five of which are located in Fort Wayne, Ind. The network serves patients in 23 counties in northeastern Indiana, northwestern Ohio and southern Michigan.

## Lutheran Health Network

Dupont Hospital (131 beds)

Lutheran Hospital (396 beds)

The Orthopedic Hospital (39 beds)

St. Joseph Hospital (191 beds)

Rehabilitation Hospital of Fort Wayne (36 beds)

Bluffton Regional Medical Center (Bluffton, Ind.)

Dukes Memorial Hospital (Peru, Ind.)

Kosciusko Community Hospital (Warsaw, Ind.)

RediMed (urgent care clinics)

Community Memorial Hospital, *an affiliate* (Hicksville, Ohio)

## Lutheran Hospital

Lutheran Hospital is a tertiary-care facility that provides an array of services for patients of all ages. In addition to being a verified Level II adult and pediatric trauma center, the hospital is an accredited chest pain center, a certified stroke center and a bariatric center of excellence. Lutheran is the region's only accredited heart failure center and the only hospital in northeastern Indiana that performs heart and kidney transplants.

Known for its bariatric, cardiac, neurology, oncology, pediatrics, transplant and trauma services, the hospital also houses a cardiovascular, coronary, critical care, medical/surgical, neonatal and pediatric intensive care unit.



## St. Joseph Hospital

St. Joseph Hospital is home to the region's only burn center, which is verified by the American College of Surgeons and the American Burn Association. St. Joseph offers specialty services in the areas of cardiac surgery, cardiology, critical care, geriatrics, pulmonary, orthopedics and rehabilitation. St. Joe, which is an accredited chest pain center, houses a burn and wound clinic, a transitional care skilled-nursing facility and the area's only hyperbaric chamber.

# Department of Pharmacy

## Philosophy

Providing pharmacy services throughout LHN requires pharmacists to utilize a hybrid approach that requires competency and involvement in both distributive and clinical functions. By understanding how clinical services provided on the floor affect the pharmacy's distributive processes and how those distributive processes affect the pharmacy's ability to provide clinical dosing and monitoring services, pharmacists are better able to work cohesively to provide patients the highest quality of pharmaceutical care.

## LHN Pharmacies

The pharmacies at Lutheran, Dupont and St. Joseph hospitals provide comprehensive clinical and distributive services 24/7. Lutheran's pharmacy also serves the Orthopedic, Rehabilitation and Community Memorial hospitals. While Lutheran's pharmacy provides remote services to CMH, St. Joseph's and Dupont's pharmacies provide remote after-hours order entry and drug information services to Dukes, Kosciusko Community and Bluffton Regional hospitals.

The pharmacies share a formulary, policies and procedures, clinical protocols and staff development opportunities. All pharmacies are fully automated and offer complete unit-dose and IV-admixture services. Automated distributive and informatics services include:

- ▶ Automated drug distribution cabinets
- ▶ Automated TPN compounding
- ▶ Bedside drug administration with bar-code verification technology
- ▶ Computerized patient order entry (CPOE), which includes robust drug allergy and interaction checks, lab integration, clinical intervention documentation and customized electronic alerts based on labs, medications, patient populations and therapy types
- ▶ Decentralized automated drug distribution cabinets on units for distribution of PRN medications and first doses
- ▶ Electronic drug and medical online database access (DynaMed, Micromedex, and NeoFax)
- ▶ Electronic nurse documentation system access
- ▶ IV infusion Smart Pumps
- ▶ Lab and medical documentation access
- ▶ Paperless FAX-imaging order processing
- ▶ Robot-dispensing technology, which includes cart-fill assistance for all LHN hospitals and 24/7 first dose-dispensing of medications at Lutheran, The Orthopedic and Rehab hospitals

## Additional Pharmacies

Lutheran Hospital has two satellite pharmacies. The first, in the OR, provides pharmacy services to three surgery departments, the endoscopy suites and the cath lab. This pharmacy is staffed Monday through Friday by a pharmacist and a technician. The second pharmacy is in the outpatient oncology clinic. Medications for inpatient and outpatient adult and pediatric oncology patients and outpatient infusion patients are provided by this pharmacy.



## Outpatient Clinics

The pharmacy team also supports several outpatient clinics. At Lutheran Hospital, the pharmacy-run anticoagulation clinic provides care for approximately 1,500 patients each year. Pharmacists also oversee the pharmaceutical care and educational needs of adult and pediatric patients in the cystic fibrosis clinic and provide CF education and competencies for the entire pharmacy staff. They also provide pharmacy services in the heart and kidney transplant clinic. A second anticoagulation clinic that is pharmacy managed is housed at Dupont Hospital.

## Pharmacist Responsibilities

Pharmacists are responsible for the complete dosing and monitoring of patients requiring specialized clinical pharmacy services. These services include anticoagulation, erythropoietic growth factor dosing, pain management, pharmacokinetic dosing, renal dosing and TPN dosing.

LHN pharmacists also serve on the following care teams:

- ▶ Lutheran Hospital transplant team; a dedicated transplant pharmacist serves on this multidisciplinary team that rounds daily, providing medication education and comprehensive pharmacy services.
- ▶ Lutheran Hospital critical care service; dedicated pharmacists provide comprehensive services to the adult critical care units. In addition to routine clinical dosing and monitoring services, these pharmacists are responsible for full chart reviews, prospective ADR monitoring, pharmacotherapeutic recommendations and medical staff education.
- ▶ Lutheran Hospital emergency pharmacy clinical services; dedicated pharmacist provides comprehensive services for adult and pediatric ED and trauma patients.

- ▶ Lutheran Hospital congestive heart failure team; pharmacists provide pharmaceutical care services for both inpatients and outpatients.
- ▶ Lutheran Hospital antibiotic stewardship team; pharmacists provide comprehensive review of positive cultures and appropriate antimicrobial recommendations for inpatients.
- ▶ St. Joseph Hospital burn care team; pharmacists round, provide clinical pharmacy services and participate in staff education.
- ▶ Code blue team; pharmacists, who are ACLS certified, assist with the preparation and administration of medications and the documentation of processes and outcomes.
- ▶ Diabetes education program; pharmacists counsel inpatients and outpatients about their medications at discharge at Lutheran, Dupont and St. Joseph hospitals.
- ▶ Joint Camp program; pharmacists perform medication histories, review surgical antibiotic prophylaxis and anticoagulation plans for appropriateness and counsel patients on their post-operative anticoagulation plan at The Orthopedic Hospital.

## Pharmacy Leadership

Each hospital's pharmacy is led by a pharmacy director. Lutheran Hospital's pharmacy director also serves as the network pharmacy director, coordinating and guiding network-wide automation, operations and initiatives. The director of pharmacy clinical services and the residency program coordinates and guides clinical pharmacy services, protocols, formulary management and staff development and education and serves as director of the LHN pharmacy residency program.

Clinical coordinators at Lutheran and St. Joe help develop and implement clinical pharmacy services and have specialized responsibilities based on their areas of expertise. A technician supervisor at Lutheran Hospital oversees technicians and some operational responsibilities and coordinates the technician training program at Lutheran Hospital. Additionally, the pharmacy informatics coordinator, informatics pharmacist, automation technician and a technician oversee ChargeMaster and provide network pharmacy informatics support.

## Pharmacy Practice Residency Program Contacts

For additional information on the Pharmacy Practice Residency Program, contact:

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## Fort Wayne, Indiana

Located in the northeastern corner of the state, Fort Wayne is Indiana's second largest city with a population of 252,000. Fort Wayne is a two-hour drive from Indianapolis and a four-hour drive from Chicago.



**Lutheran  
Health Network**

[LutheranHealth.net](http://LutheranHealth.net)

### Lutheran Hospital

7950 W. Jefferson Blvd. | Fort Wayne, IN 46804  
**260.435.7001**

### St. Joseph Hospital

700 Broadway | Fort Wayne, IN 46802  
**260.425.3000**

### Dupont Hospital

2520 E. Dupont Road | Fort Wayne, IN 46825  
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