

Two Year Residency in Medication Systems and Operations



Summary

Number of Positions: 1
Application Deadline: **January 2**
Starting Date: July 1 (or prior week)
Salary: \$47,500 annual salary for the first and second year
Benefits: 16 paid vacation days, 6 legal holidays, 9 sick days, comprehensive health insurance coverage including basic dental and vision
Interview Required: Yes
Internet Site: <http://www.uwhealth.org/pharmacy>
Program Director: Brad Ludwig, MS, RPh
Assistant Director of Pharmacy
Phone: (608) 263-6958
Fax: (608) 263-9424
Email: bludwig@uwhealth.org

Objectives

The two year Residency in Medication Systems and Operations at the University of Wisconsin Hospital and Clinics is designed to provide the resident with a comprehensive understanding of the medication systems and operations that occur within a hybrid drug distribution model. The primary objective of the program is to develop pharmacy personnel with the ability and expertise to effectively manage and oversee the distributive, technical, and clinical aspects of the supply chain and medication use system.

Program Strengths

The University of Wisconsin Hospital and Clinics Department of Pharmacy is a leader within the profession of pharmacy in the areas of technology assessment, automation, information technology, regulatory compliance, and business development. This residency offers extensive training within a progressive and cutting-edge medication management system. Operational based learning experiences span across our tertiary care academic medical center, pediatric hospital, cancer center, community hospital, and pharmacy enterprise building.

Technology and patient safety

- UW Health has implemented the use of automation, information technology, and bar code technology at every phase of the medication use process.

Clinical and administrative responsibilities as part of the management team

- The resident will be an active member of the central and decentral staffing model throughout the residency. Other responsibilities include of committee membership and involvement in technician training oversight.

Flexibility in tailoring the program to the interests of the resident

- The resident will play an integral role in developing his or her rotation schedule, and will be exposed to a variety of experiential learning opportunities offered at UW Health. Additionally, elective coursework at the School of Engineering or School of Business is optional if formal training in change or process improvement is desired.

Two Year Residency in Medication Systems and Operations



Rotation Schedule

The base of the residency is four week rotations in a variety of clinical and operational areas throughout the pharmacy department. The first six months will focus on clinical areas and the remainder of the residency will be a mix of clinical and operational rotations. The resident will rotate through each of these rotations while maintaining his/her required staffing component of the residency and other required activities. The resident will also be required to complete two major projects (one each year).

Note that although the two year MSO residency is 104 weeks, longitudinal rotations add an additional 42 weeks of experience to the program.

Core Structure:

- 4 weeks of department training
- 28 weeks of clinical patient care rotations (7 four week rotations)
- 57 weeks of required MSO specific rotations
- 8 weeks of required management rotations
- 2 weeks of conference attendance
- 5 weeks of project time

Rotations

MSO residents must complete two years of rotations with required experiences in clinical, administrative, and medication systems areas.

Clinical Rotations (5 required, 2 optional)

- Required
 - Clinical staffing areas
 - Emergency department (hybrid clinical/operational)
 - Operating room (hybrid clinical/operational)
 - Pharmaceutical research center
- Optionals (tailored to resident preference)

MSO Specialty Rotations (8 required, 1 optional)

- Required
 - Advanced medication use systems
 - Advanced practice and operations
 - Contracting and supply chain
 - Directing integrated pharmacy services
 - Informatics
 - Inpatient operations I
 - Inpatient operations II
 - Pharmacy enterprise building
- Optional (7 weeks tailored to resident preference)

Administrative Rotations (2 required)

- Pharmacy department administration and leadership
- Clinical management

Longitudinal Rotations (3 required)

- Medication use evaluation
- Drug policy
- Medication safety

Two Year Residency in Medication Systems and Operations



Resident Competency Objectives

The PGY-1 and PGY-2 combined residency in Medication Systems and Operations (MSO) at the University of Wisconsin Hospital and Clinics is designed to develop experts of operational and project management. With this expertise a pharmacist graduating from this program will seek positions in project management, daily pharmacy operations management, medication safety, or informatics. Residents gain a comprehensive understanding of the medication use system and the daily operations that occur within a hybrid drug distribution model. The program's primary objective is to mature pharmacists with the ability to effectively manage and oversee the distributive, technical, and clinical aspects of the supply chain and medication use system.

In addition to being competent in all ASHP PGY1 objectives, residents will be competent in the following MSO objectives after completion of the residency:

- Fully comprehend pharmacy operations oversight and coordination through design, implementation, and management of medication-use systems to optimize quality, safety, and efficiency
- Apply contemporary quality methodology to the management of pharmacy distribution and medication use systems
- Utilize added knowledge and skills to leverage technology and automated systems to optimize the medication-use system
- Gain an appreciation for how to lead and manage the pharmacy's human resources
- Demonstrate personal leadership qualities and business acumen essential to operate effectively within the health system and advance the profession and practice of pharmacy.
- Improve operational efficiencies in order to better serve patient and health professional needs through the application of informatics and technology

Projects

- Two major, longitudinal projects will be completed over the course of the 2-year program
- Rotation projects as determined by rotation preceptors

Committee Responsibilities

The resident will be an active member of the following committees during months 7 through 24. The resident will have the opportunity to serve on other committees depending on resident and program director preference.

- Drug Product and Supply Selection (DPSS)
- Pharmacy Operations

Presentation Opportunities

The resident is required to complete

- Resident Report Presentations/Discussions (PGY1)
- Resident Report Facilitation (PGY2)
- Podium Presentation at Great Lakes Pharmacy Residency Conference (PGY1 & PGY2)
- Seminar Presentations (PGY1 & PGY2)
- Poster Presentation on PGY1 project at the annual PSW conference
- Poster Presentation on PGY2 project at the Vizient University Health System Consortium Pharmacy Network meetings

Travel

- ASHP Midyear Clinical Meeting (PGY2)
- Great Lakes Pharmacy Residents Conference (PGY1 & PGY2)
- ASHP Leadership Conference (PGY2)
- PSW Annual Meeting and Educational Conference (PGY2)
- Junior Administration Residency Trip (PGY1)
- Senior Administration Residency Trip (PGY2)