



PGY1/2 Medication Systems and Operations Pharmacy Administrative and Leadership (MSOAL) Residency

Internet site: www.uwhealth.org

Number of Positions: 1
 Application Deadline: TBD
 Starting Date: TBD
 Interview Required: Yes
 Experience Required: Completion of PharmD Curriculum

Stipend/Benefits: \$47,500; 144 hours of paid time off (PTO), inclusive of vacation, holidays, and sick time, during each year of the residency program. As employees of UW Health, residents receive full health insurance benefits (including dental and vision) and access to the University of Wisconsin's recreational, educational, and cultural facilities. Residents receive travel funds and registration for professional meetings and selected certificate programs.

STRENGTHS:

- 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 centralized pharmacy services building
- Involvement of automation, information technology, and bar code technology at every phase of the medication use process to ensure patient safety
- Clinical and administrative responsibilities as part of the management team
- An active member of the central and decentral staffing model, committee membership and involvement in technician oversight
- Flexibility in tailoring the program to the interests of the resident and guaranteed exposure to a variety of experiential learning opportunities offered at UW Health

PGY1 MSOAL Residency Structure

This two-year residency 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 leaders with the ability and expertise to effectively manage and oversee the distributive, technical, and clinical aspects of the supply chain and medication use system.

The foundational residency schedule is based upon four- or eight-week rotations in a variety of clinical and operational areas throughout the pharmacy department. The first 12 months will focus on clinical areas and the basic pharmacy operations. The second 12 months will consist of more advanced operational and leadership rotations along with a few more clinical rotations and a longitudinal med safety rotation.

Clinical Rotations (all 4 weeks)

Staffing Areas (2 assigned to resident based upon staffing need)		
General Internal Medicine	Medical Cardiology	Neurology
General Surgery		
Elective – not all-inclusive list(resident to pick 2)		
General Pediatrics	Hospice/Palliative Care	Nutritional Support
Critical Care	Neuro ICU	Psychiatry
Infectious Disease	Nuclear Medicine	Transplant
Trauma Surgery	Hematology/Oncology	
Required		
Operating Room (hybrid)	Emergency Department (hybrid)	Pharmaceutical Research Center
Drug Policy Program/MUE		

MSOPAL Specific Rotations

Required	
Advanced Operations (4 weeks)	Automation & Dispensing Operations (4 weeks)
Directing Integrated Pharmacy Services (8 weeks)	PSB Operations (4 weeks)
Infusion & Clinic Services (4 weeks)	Shared Services (8 weeks)
Informatics (8 weeks)	Home Infusion (4 weeks)
Sterile Operations (4 weeks)	

Management Rotations (all 4 weeks)

Required		
Clinical Management	Executive Leadership	Supply Chain & 340B Leadership

Longitudinal Rotation (12 weeks)

Required
Medication Safety

PROJECTS

- Rotation based projects
- The resident will complete two major projects (one each year)
- Previous MSOAL major resident projects
 - Standardized Technician Training
 - Implementation of an operational service to insource sterile preparations made from non-sterile ingredients
 - Standardization of medication-related practices across UW Health clinics
 - Development of a toolkit for analyzing continuous infusion intravenous medication changes in a multihospital health system
 - Integration of informatics technology into non-sterile compounding operations
 - The implementation and comparative evaluation of two real-time dose tracking technologies within an academic health system
 - Evaluation of non-sterile drug compounding practices within a health system
 - Evaluation of Controlled Substance Waste Disposal Systems at an Academic Medical Center
 - Centralization of Intravenous Hazardous Medication Preparation
 - Implementation and Evaluation of Pharmacy Services in the Perioperative Areas
 - Implementation of a Ready-to-Administer Medication Program for Pediatric Patients

PRESENTATIONS

Presentation, Poster	First Year	Second Year
Grand Rounds Interactive Lunch & Learn (GRILL)	X	
Podium Presentation at Great Lakes Pharmacy Residency Conference (present major project)	X	X
Seminar Presentation	X	X
Poster Presentation on PGY1 project at the annual PSW conference		X
Poster Presentation on PGY2 project at the Vizient meeting (usually the Saturday prior to the ASHP Midyear meeting)	X	X

TEACHING OPPORTUNITIES

- Clinical instructor status at the University of Wisconsin School of Pharmacy
- Co-preceptorship of fourth-year students on elective clinical rotation at the hospital
- Teaching assistant for the pharmacotherapy lab for 2nd or 3rd year PharmD students
- Teaching certificate course hosted by the School of Pharmacy

OTHER ACTIVITIES

- Block lectures on various pharmacy topics
- Recruitment activities
- Topic discussions with current and past Pharmacy Directors
- Active member of the Drug Product Selection and Supply (DPSS) Committee
- Active member of the Inpatient Pharmacy Operations Committee

TRAVEL

Trip	First Year	Second Year
HSPAL/MSOPAL trip Midwest Hospitals/Organizations for three days	X	
Pharmacy Administration Residency Exchange (PARE)		X
HSPAL/MSOPAL trip to attend/tour various hospital systems for 3 days		X
PSW Annual Conference		X
Great Lakes Pharmacy Residency Conference	X	X
ASHP Leadership Conference	X	X
Vizient University Health System Consortium Annual Meeting: held days prior to ASHP Midyear Clinical Meeting	X	X
ASHP Midyear Clinical Meeting: will give the residents opportunities to recruit residency candidates, network with potential employers and present their research at a national meeting.	X	X

UWHC INFO

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. A hybrid drug distribution model is used on the inpatient side. The pharmacy department also manages 14 community pharmacies, a long-term care consulting service, a rural hospital pharmacy management business, full PBM managed care services, a hospice pharmacy program, and a medication therapy management mail order program.

PROGRAM CONTACT

Program Director: **Kimberly Harrison, PharmD** kharrison2@uwhealth.org
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