

City of Hope-Chapman University

PGY2 Medication-Use Safety and Policy



The PGY2 pharmacy residency in Medication-Use Safety and Policy (MUSP) is a one-year advanced training program designed to prepare the resident to assume a leadership role as a subject matter expert in implementing medication-use system improvements to enhance patient safety, compliance and quality.

PGY2 PROGRAM PURPOSE

PGY2 residency programs build upon Doctor of Pharmacy (Pharm.D.) 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.

CITY OF HOPE

Founded in 1913, City of Hope is a world-renowned research, patient care and educational facility recognized by *U.S. News & World Report* as one of “America’s Best Hospitals” for cancer treatment. We are one of a select group of National Cancer Institute-designated Comprehensive Cancer Centers and a founding member of the National Comprehensive Cancer Network.

Our Los Angeles County inpatient and ambulatory care facility is in Duarte, California. This lush 110-acre campus boasts beautiful landscapes and breathtaking views of the panoramic vistas of the Angeles National Forest. The City of Hope Los Angeles Enterprise includes an extensive network of community practice sites throughout Los Angeles, Riverside, Ventura, and San Bernardino counties.

City of Hope Orange County brings specialized cancer care and clinical trials to the region. Located on an 11-acre Irvine campus, Lennar Foundation Cancer Center is the equivalent to four football fields of cancer research and treatment, offering comprehensive oncology services and highly specialized programs. In addition, patients can also access advanced care at five regional clinics throughout Orange County and Long Beach.

The City of Hope Pharmacy Enterprise is committed to delivering best-in-class pharmaceutical care. Our reputation for groundbreaking discoveries, innovative treatments and compassionate patient care makes us an excellent place for highly motivated pharmacists interested in establishing an exceptional career in a progressive clinical setting.

CHAPMAN UNIVERSITY SCHOOL OF PHARMACY

Chapman University is the largest independent university in Orange County and a distinguished, nationally recognized institution. Located on the Harry and Diane Rinker Health Science Campus in Irvine, California, Chapman University School of Pharmacy trains student pharmacists and scientists to make a difference in people’s lives by improving human health in our local communities and around the world.

PROGRAM OVERVIEW

The PGY2 resident will:

- Critically evaluate and identify vulnerabilities in the 11 elements of medication-use.
- Cultivate expertise in regulatory and accreditation requirements.
- Apply performance improvement principles (e.g., PDSA, Lean).
- Optimize technology and automation to support safe and efficient workflows.
- Design robust drug utilization reviews and audits to measure outcomes.
- Lead teams and actively participate on Safe Medication and P&T Committees.
- Complete a Teaching Certificate through Chapman University School of Pharmacy.

APPLICATION PROCESS

Submit letter of intent, transcript, CV, and 3 letters of recommendation via PhORCAS by January 10th. For more information, please visit our website.



Medication-Use Safety and Policy Residency (continued)



REQUIRED CORE LEARNING EXPERIENCES (*Note: resident will also attend 3 weeks of orientation.)

MEDICATION SAFETY I & II – 3 weeks each

These two learning experiences will introduce the resident to foundational concepts that will be applied to augmenting safeguards within the medication-use system.

ADULT HEMATOLOGY – 3 weeks

The resident will focus on safety considerations in regimens used for AML, ALL, stem cell transplant, and CAR T-cell therapy.

INPATIENT OPERATIONS/CLINIC OPERATIONS – 3 weeks/2 weeks

These two learning experiences focus on enhancing safety and quality within inpatient workflows and ambulatory care operations.

COMPLIANCE AND REGULATORY – 6 weeks

This rotation will provide an understanding of compliance with accreditation standards and regulations, including survey readiness and constructing survey response plans.

CLINICAL INFORMATICS – 5 weeks

The resident will evaluate electronic health record medication builds, order sets and Beacon chemotherapy treatment plans for design improvements to maximize safety and Clinical Pathways enhancement.

AUTOMATION AND TECHNOLOGY – 5 weeks

Safety options employed with various technologies (e.g., infusion pumps with dose error reduction software, medication barcode scanning, automated dispensing cabinets, RFID tray replenishment system) will be covered.

FORMULARY MANAGEMENT AND DRUG USE POLICY – 6 weeks

This learning experience is centered around formulary management principles, evidence-based reviews, and drug shortage/recall management.

OUTPATIENT INFUSION CLINIC – 4 weeks

The resident will be exposed to unique workflow, compliance, and safety issues of infusion practice at Lennar Foundation Cancer Center.

ELECTIVE LEARNING EXPERIENCES (*Note: resident will select from two 4-week elective blocks.)

- Automation and Technology – Industry [Becton, Dickinson and Company (BD)]
- Global Safety and Compliance [Becton, Dickinson and Company (BD)]
- Investigational Drug Services
- Medication Use Safety Health Economics and Outcomes Research [Becton, Dickinson and Company (BD)]
- Pharmacy Informatics Systems Applications
- Pharmacy Leadership

*Other elective learning experiences may be developed based on resident interest and preceptor availability.

REQUIRED LONGITUDINAL LEARNING EXPERIENCES

MEDICATION SAFETY LEADERSHIP – 11 months

The resident will oversee medication event and adverse drug reaction reporting and participate in various multidisciplinary committees and activities throughout the year to gain a comprehensive understanding of the medication-use process and system improvements.

RESEARCH PROJECT – 10 months

The resident will complete a research project, including preparation of a manuscript and formal presentation.

TEACHING CERTIFICATE – 11 months

The resident will earn a teaching certificate through Chapman University School of Pharmacy, gaining an expanded teaching skill set to utilize in a variety of roles as an educator, including lecturer, facilitator, and preceptor.

PROGRAM CONTACTS

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