• **Medical Oncology/Internal Medicine (five weeks):** The learning experience provides an overview of various internal medicine and pharmacotherapy topics as they relate to oncology patients. Since the unit accommodates telemetry patients, residents will also learn about common cardiac medications. Other topics will include the prevention and management of chemotherapy or cancer-related complications, such as emesis, the organ-specific toxicities of chemotherapy drugs, oncologic emergencies, malignant bowel obstruction and extravasation.

• **Pediatrics (two weeks):** Residents will be exposed to pediatric transplant types (focusing on acute lymphoblastic leukemia) and the unique considerations of this patient population.

• **Staffing (four weeks):** Residents will integrate all of their core rotations to fully function as a staff pharmacist throughout the hospital. Staffing includes mastery of clinical monitoring per pharmacy protocols as well as dispensing and order verification activities.

**ELECTIVE ROTATIONS**:  
- Administration II (Special Projects)  
- Clinical Information Systems  
- Hematology Ambulatory Care Clinic  
- Hematopoietic Stem Cell Transplantation II  
- Investigational Drug Service  
- Medical Oncology Ambulatory Care Clinic  
- Pediatrics II (Inpatient and Ambulatory Care Clinic)  
- Supportive Care (Pain Service)  

*The length of rotations may vary. Residents may also elect to spend additional time in any of the core rotations.*

**ALL RESIDENTS ARE EXPECTED TO PARTICIPATE IN THE FOLLOWING ACTIVITIES:**  
- ACPE Accredited CE Lecture  
- Pharmacy and Therapeutics Committee  
- Safe Medication Committee  
- Medication Monograph and Formulary Review  
- Adverse Drug Reaction and Pharmacy Intervention Review  
- Weekly Pharmacy Professional Enrichment Series (Seminar)  
- Western States Conference Resident Project Presentation and Manuscript  
- Medication Utilization Evaluation  
- Various Residency Projects

For further information on our Pharmacy Residency Program, such as how to apply and the application deadline, please visit us online at [CityofHope.org/fellowships-and-residencies](http://CityofHope.org/fellowships-and-residencies) or contact Wyndie Tse, Pharm.D. at wtse@coh.org or Carl Kildoo, Pharm.D., FCSHP at ckildoo@coh.org.
At City of Hope, great science is brought to life by profound compassion. City of Hope is a 217-bed facility located just east of Los Angeles in Duarte, California. We are a world-renowned biomedical research, treatment and educational institution recognized by U.S. News & World Report as one of “America’s Best Hospitals” for cancer patients. We are also one of a select group of National Cancer Institute-designated comprehensive cancer centers nationwide and a founding member of the National Comprehensive Cancer Network.

At City of Hope, Pharmacy Services is committed to providing high-quality pharmaceutical care for oncology patients, 24 hours a day, seven days a week. Our reputation for groundbreaking discoveries, innovative treatments and compassionate patient care makes us an excellent place for highly motivated pharmacists who are interested in establishing an exceptional career in a progressive clinical setting.

City of Hope offers a Postgraduate Pharmacy (PGY1) Residency that is accredited by the American Society of Health-System Pharmacists. Pharmacists completing this program will be competent and confident clinicians of direct patient care in the acute care setting with significant experience in hematology and hematopoietic stem cell transplantation, surgical and medical oncology, infectious disease, critical care and pediatric oncology. Residents may also obtain exposure to investigational drug services and ambulatory care clinics. Clinical activities include patient monitoring, antibiotic/TPN/anticoagulant dosing per pharmacy, participation in patient care rounds, pharmacokinetics, adverse drug event reporting, drug utilization review and safe medication practices. Residents will refine their skills in optimizing medication management while enhancing their professional maturity, leadership and commitment to patient care and the profession.

CORE ROTATIONS:

- **Administration and Medication Safety (three weeks):** Residents will discuss regulatory, accreditation and global patient safety initiatives with the director of pharmacy. Residents will complete a medication use evaluation and other administration projects in collaboration with the medication safety pharmacist and present their completed projects at multidisciplinary committees.

- **Critical Care (six weeks):** Residents will apply their clinical skills in an ICU setting focused on medical, respiratory and surgical morbidities and complications. Residents will also discuss medication management issues during rounds, present in-services to ICU nursing staff and participate in Code Blue situations.

- **Hematology (five weeks):** The learning experience provides an introduction to pharmacotherapy issues related to hematology patients and the autologous stem cell transplant patient population. Residents will become familiar with fluid and electrolyte management, antimicrobial/antiviral therapy in immunocompromised patients and total parenteral nutrition.

- **Hematopoietic Stem Cell Transplantation (five weeks):** Residents will focus on hematopoietic stem cell transplant patients including an overview of conditioning regimens for allogeneic, matched unrelated donor, cord and haploidentical transplants. Residents will also participate in discharge education counseling to newly transplanted patients. Residents will become familiar with opportunistic infections, graft-versus-host disease, veno-occlusive disease prophylaxis treatment and total parenteral nutrition.

- **Infectious Disease (six weeks):** Residents will participate on daily rounds with the Infectious Disease Team. Residents will gain exposure to infectious diseases in the immunocompromised patient population, including through antibiotic renal dosing and pharmacokinetics.

- **Medical Surgery (four weeks):** Residents will be introduced to pharmacotherapy issues related to surgical patients with an underlying cancer diagnosis, including electrolyte replacement and supplementation, opioid conversion and VTE prophylaxis. Residents will also learn about rapid response policies and procedures.