These rotations allow the resident to gain experience as a member of a multidisciplinary outpatient clinic team. The resident will take part in disease state management of, but not limited to, diabetes, HTN, asthma/COPD, tobacco use disorder, and hyperlipidemia as they relate to the ambulatory care setting. The resident will have opportunities to participate as an interdisciplinary team member of the Hepatology Clinic. The resident will interact with providers to resolve drug-related problems, provide drug information, recommend formulary alternatives and communicate pharmacoeconomic initiatives.

Pain Management

This rotation is focused on chronic non-cancer pain management with some opportunity for acute pain intervention. Conditions such as anxiety disorder, PTSD and depression offer daily occasions to spotlight drug-drug interactions and psychopharmacology. Serum monitoring and urine drug screen interpretation are important pharmacokinetic parameters requiring daily input. The resident will be part of a multidisciplinary team that includes specialty providers and will also serve as a mentor for P4 pharmacy students.
**Anticoagulation/CHF**

This rotation allows residents to develop skills as independent practitioners in an pharmacist-run outpatient Anticoagulation Clinic. Residents will actively participate in various aspects of anticoagulation management, including but not limited to: therapeutic drug monitoring of warfarin; target specific oral anticoagulants; and periprocedural anticoagulation management. This rotation also includes time in the outpatient CHF Clinic where the resident will focus on medication management with an interdisciplinary approach.

**Geriatrics/Home Based Primary Care**

This rotation is designed to provide the resident with knowledge of acute and chronic disease states in the geriatric patient. A focus on altered physiology in the elderly is used to address selection, utilization and response to pharmaceuticals in this patient population. The resident will be an integral part of the interdisciplinary Home Based Primary Care team. The resident will take part in disease state management and take part in visits to home bound Veterans.

**Transitional Care**

This rotation offers the resident with opportunities for direct patient care in an inpatient setting. The resident will provide medication reconciliation services and discharge counseling while working within a multidisciplinary health care team.

**Inpatient & Outpatient Pharmacy**

These rotations provide the resident opportunities to become proficient in analyzing and processing electronic prescription orders while having the ability to access computerized patient information including progress notes and labs. The resident will communicate with prescribers to rectify drug-related problems. The special handling techniques associated with drugs requiring adherence to specific policies and procedures will be addressed, particularly intravenous medications and parenteral nutrition. The inpatient pharmacy rotation will also provide experience in anticoagulation and antibiotic monitoring. Additionally, the resident will gain experience counseling patients in the outpatient pharmacy.

**Psychiatry**

Through a combination of inpatient and outpatient settings, this rotation is designed to build confidence, knowledge, and skill in psychiatric pharmacy. The resident will be actively engaged in various activities including telepsychiatry, patient education, multidisciplinary team based care, and medication therapy management. This rotation also includes the unique opportunity to provide education to varying levels of trainees of psychiatry, psychology, social work, and pharmacy in psychiatric pharmacotherapy.

**Pharmacoeconomics/Practice Management/Adverse Drug Reaction Monitoring:**

This longitudinal rotation is designed to provide the resident with an awareness of the basic principles of pharmacoeconomics, formulary management and practice management. The resident will have local and regional exposure to activities related to pharmacy benefits management. The resident will also gain experience in the evaluation of reported adverse drug reactions. The verification of observed side effects, allergies, and other adverse reactions to medications is an important part of the quality improvement of patient outcomes. Data collected from these events is utilized to identify systems errors and improve prescribing patterns in our Veteran population. Reports that have been entered and verified by a clinical pharmacist are then analyzed for trends and shared with the Medication Use Committee.

**Nephrology & Dialysis**

The pharmacy resident will participate in identifying and resolving medication therapy issues for the nephrology/ dialysis population. The pharmacy resident will also participate in reviews of patient profiles for appropriateness of drug dosing and will gain confidence in adjusting medication regimens in the renal population specifically in anemia management.