

(Inpatient & Outpatient)

In addition to the ambulatory care focused PGY-1 residency, the Madison VA also offers a more generalized PGY-1 residency with experiences in both the inpatient (8 months) and ambulatory care (4 months) settings. The residency is designed to provide highly motivated and exceptionally qualified pharmacists the opportunity to achieve professional competence in the delivery of patient-centered care in a wide variety of patient care settings. In addition to the afore listed ambulatory care clinics & PGY1 activities, the following inpatient rotations are available during this residency:

Acute Care General Medicine – The purpose of this rotation is to equip the resident with skills necessary to become a competent inpatient clinical pharmacist. This rotation will allow the resident to gain experience in managing pharmacotherapy for acutely ill patients, to develop independent judgment and accountability, and to improve the verbal and written communication skills necessary to be an effective clinical pharmacy practitioner. Training activities will involve rounding with a medical team and monitoring patient medication profiles daily to ensure the provision of evidence-based, patient-centered medication therapy management. This will include monitoring for appropriate dosing and indication, efficacy, adverse effects, and cost-effectiveness. The resident will answer drug information questions, perform pharmacokinetic monitoring, obtain medication histories, and provide medication education and counseling for his or her patients. The resident will learn to be a liaison between the pharmacy service and other health-care providers, serving as an active member of an interdisciplinary team. The resident will also be involved in precepting pharmacy students and providing education to staff such as leading journal article discussions or presenting educational inservices. Enabling activities will be utilized to assess the resident's progress towards applicable goals and objectives.

Critical Care – There are two intensive care units (7 bed SICU and 8 bed CCU). The patient population on these units is a mix of surgical (cardiac, general/thoracic, and neurosurgery) and medical (cardiac, pulmonary, infectious disease). Patients on these units are managed by medical, surgical or specialty teams. An oversight team, comprised of a critical care pharmacist, an intensivist or internist, a nutritionist, intensive care nurses and a respiratory therapist, provide review of care during rounds on Monday through Friday. The critical care pharmacist, in addition to participating in rounds and providing review of care, performs medication histories, tube feeding consultations, pharmacokinetic consultations, precepts pharmacy students, answers drug information questions and completes medication discharges. The PGY1 resident is responsible for contributing on rounds as well as the other functions of the critical care pharmacist outlined above for patients that he or she is following.

Inpatient Anticoagulation – The purpose of this rotation is to equip the resident with skills necessary to safely manage the use of anticoagulants in hospitalized patients, to develop independent judgment and accountability, and to improve the verbal and written communication skills necessary to be an effective clinical pharmacy practitioner. Training activities will involve learning strategies for dosing and monitoring warfarin, low molecular weight heparin, unfractionated heparin, and other antithrombotic agents based on patient-specific information including indication for anticoagulation, concomitant disease states, drug interactions, dietary considerations, and risk of bleeding or thromboembolism. The resident will also become familiar with prophylactic use of anticoagulants, bridging anticoagulant therapy for procedures, anticoagulant reversal, and heparin induced thrombocytopenia including use of direct thrombin inhibitors. The resident will provide patient education for those newly started on warfarin or low molecular weight heparin and develop follow-up plans for patients upon discharge. Enabling activities will be utilized to assess the resident's progress towards

Inpatient Mental Health – The unit is managed by two attending psychiatrists. The psychiatric ward is a 15 bed unit. There are two interdisciplinary patient care teams which manage patients on the unit. Care team members include: a first year psychiatry resident, medical student(s), an attending psychiatrist, and a social worker. Nurses, occupational therapists, and a psychiatric clinical pharmacist also assist each care team and participate in rounds. Decentralized inpatient pharmacists obtain medication histories and complete medication discharges. The PGY1 pharmacy resident will be assigned to one of the interdisciplinary care teams and will be responsible for monitoring patient medication profiles daily to ensure the provision of evidence-based, patient-centered medication therapy management for his or her patients. Responsibilities will also include obtaining medication histories, completing medication discharge counseling, attending daily sit down and working rounds, and answering drug information questions. The purpose of this rotation is to allow the resident to gain experience in managing pharmacotherapy for psychiatric inpatients, to develop independent

Antimicrobial Stewardship – This experience is an opportunity to participate in the continuing development of an antimicrobial stewardship program with the objectives of improving safety and preserving effectiveness of antimicrobial therapy. The learning experience is longitudinal throughout the inpatient portion of the residency. The resident will participate in development of protocols, pathways, and educational materials. Additionally the resident will perform and/or supervise data collection and analysis with the opportunity to develop action plans. Precepting of pharmacy students may also be involved.

Application Procedure – Please refer to page 3