Postgraduate Year One (PGY1) Pharmacy Residency Program

Introduction

The MUSC Medical Center is a 690-bed tertiary care academic medical center providing care for patients of Charleston and throughout the state of South Carolina. In addition to general medical and surgical services, MUSC offers a variety of specialty services including cardiothoracic, transplant and neurosurgery, level I trauma center, digestive disease, psychiatry and level III neonatal intensive care. The medical center is comprised of four hospitals, Ashley River Tower, Children's Hospital, Institute of Psychiatry, and University Hospital. Outpatient facilities include the Hollings Cancer Center, Ashley River Tower Clinics, Rutledge Tower Clinics, Family Medicine Center and affiliated faculty practice ambulatory care centers.

The Department of Pharmacy Services provides service to patients on a 24 hour basis through multiple inpatient and ambulatory pharmacies to fulfill the department's mission, vision, and goals of providing optimal pharmaceutical care to all patients.

Purpose

Residents in PGY1 residency programs are provided the opportunity to accelerate their growth beyond entry-level professional competence in patient-centered care and in pharmacy operational services, and to further the development of leadership skills that can be applied in any position and in any practice setting. PGY1 residents acquire substantial knowledge required for skillful problem solving, refine their problem-solving strategies, strengthen their professional values and attitudes, and advance the growth of their clinical judgment. The instructional emphasis is on the progressive development of clinical judgment, a process begun in the advanced pharmacy practice experiences (APPE or clerkships) of the professional school years but requiring further extensive practice, self-reflection, and shaping of decision-making skills fostered by feedback on performance. The residency year provides a fertile environment for accelerating growth beyond entry-level professional competence through supervised practice under the guidance of model practitioners. Specifically, residents will be held responsible and accountable for acquiring these outcome competencies: managing and improving the medication-use process; providing evidence-based, patient-centered medication therapy management with interdisciplinary teams; exercising leadership and practice management; demonstrating project management skills; providing medication and practice-related education/training; and utilizing medical informatics.

Finally, The MUSC PGY-1 Pharmacy Residency is committed to graduating competent general clinicians. Residents who graduate from our program are prepared to enter general clinical practice, a specialty residency (PGY-2), or a fellowship program.

Outcomes

Specific residency goals and objectives will be established in the beginning of the residency modified according to the resident's interests and previous experiences and advisor input. To meet the purpose of the residency, the resident will advance to achieve the following outcomes:

- Manage and improve the medication-use process.
- Provide evidence-based, patient-centered medication therapy management with interdisciplinary teams.
- Exercise leadership and practice management skills.
- Demonstrate project management skills.
- Provide medication and practice-related education/training.
- Utilize medical informatics.
- Conduct pharmacy practice research.
- Exercise added leadership and practice management skills.
- Provide drug information to health care professionals and/or the public.
- Demonstrate additional competencies that contribute to working successfully in the health care environment.

The Residency Experience

Each resident will spend at least one month in each of the required areas. The first month of the residency will be spent orienting and training with the drug distribution service component of the Department of Pharmacy Services. The December rotation is usually combined with either November or January (due to vacations and the Midyear meeting). The remaining 1 or 2 months are electives and may include additional months listed in the required areas or any of the following elective rotation sites (depending on availability).

Learning Experiences	Required
Orientation(includes orientation to pharmacy operations)	1 month
Acute Care (Internal Medicine, pulmonary, cardiology, hematology/oncology, nephrology, family medicine inpatient)	2 months
Critical Care (Medical intensive care unit (MICU), surgical trauma intensive care unit (STICU), cardiothoracic intensive care unit (CTICU), transplant inpatient, digestive disease intensive care unit (DDICU), neurosurgery intensive care unit (NNICU))	2 months
Pediatrics (General Pediatrics, pediatric oncology, pediatric surgery, pediatric intensive care unit (PICU), neonatal intensive care unit (NICU))	1 month
Psychiatry	1 month
Practice Management	1 month

Drug Information/Informatics)	1 month
Ambulatory Care (University internal medicine (UIM), pharmacotherapy, transplant outpatient, family medicine outpatient)	1 month
Electives	1 – 2 months

Teaching

- Potential for lecturing to or leading case discussions with PharmD students.
- Inservices to pharmacy, medical, and nursing staff (inpatient and outpatient).
- Co-preceptor of Pharm.D. student on simultaneous rotations.
- Participation in the Academician Preparatory Program (APP)

Preceptors

Detailed list of active preceptors may be found on the following website:

http://www.musc.edu/pharmacy/residency_programs/bios

Program Advisors

Larry Buie, PharmD, BCPS
Assistant Professor, Clinical Pharmacy and Outcome Sciences
Clinical Specialist, Hematology
Practice/research: Oncology

Christopher Fortier, PharmD
Manager, Pharmacy Support Services

Nicole Wiemert, PharmD, MSCR, BCPS
Clinical Specialist, Transplant
Clinical Assistant Professor
Practice/research: Solid Organ Transplant

Amy Thompson, PharmD, BCPS
Assistant Professor, Clinical Pharmacy and Outcomes Sciences
Clinical Specialist, UIM clinics
Practice/research: Adult primary care

The resident will also have significant interactions with the staff pharmacists and technicians regularly practicing throughout the organization.

On-site interviews will be required.

For further information contact:

Residency Program Director
Dominic Ragucci, PharmD, BCPS
Clinical Coordinator, Pediatric Pharmacy Services
Clinical Specialist, Pediatric Oncology

Medical University of South Carolina
150 Ashley Avenue
PO Box 250584
Charleston, South Carolina 29425
Office: (843) 792-4214
Fax: (843) 792-0566 e-mail: raguccd@musc.edu