Postgraduate Year Two (PGY2) Drug Information 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

The Medication Policy and Informatics division of the Department of Pharmacy Services incorporates 3 separate work groups including Drug Information Services, Information Systems, and Outcomes Management. For this residency program, the resident will participate in all three areas with the main focus on the Drug Information Service.

The goal of the Drug Information Service is to provide accurate, unbiased drug information that is directly applicable to patient care. The service participates in formulary management in collaboration with the Pharmacy and Therapeutics Committee. It also provides a call center for healthcare professionals and consumers. The Drug Information Center is staffed by drug information specialists, residents, and students, and answers approximately 1700 requests per year. In addition to over 350 major medical reference texts, available drug information resources include MICROMEDEX® Healthcare Series, Facts and Comparisons Online 4.0, and International Pharmaceutical Abstracts. Access to computerized databases and on-line literature searching is also available within the Drug Information Center. The MUSC Library, located nearby within the Medical Center complex, provides access to over 74,000 books including 735 e-books, over 15,000 e-journals and 70 print-only subscriptions, and 100 databases including MEDLINE, CINAHL, and PsycINFO.

Purpose

The Postgraduate Year Two (PGY2) Drug Information Residency Program is designed to develop accountability; practice patterns; habits; and expert knowledge, skills, attitudes, and abilities in the respective advanced area of pharmacy practice. The Drug Information Residency Program builds upon the broad-based competencies achieved in a PGY1 residency, deepening the resident's ability to provide care in the most complex of cases or in the support of care through practice leadership. Therefore, Drug Information Programs provide residents with opportunities to function independently as

practitioners by conceptualizing and integrating accumulated experience and knowledge and transforming both into improved medication therapy for patients.

This specialty residency is designed to develop practitioners who possess an expert level of competency in drug information practice. The program allows sufficient flexibility to adapt to the individual needs of the resident, while ensuring that all ASHP standards for drug information specialized residency training are met. Upon completion of this program, the resident will be prepared to enter a variety of positions related to drug information practice. A resident who successfully completes an accredited PGY2 Drug Information Pharmacy Residency should possess the skills needed to excel in the following positions: clinical specialist in Drug Information, Drug Information faculty member, director of Drug Information Services, or similar area, medical writer or editor, or medical science liaison. Additionally, upon completion of the PGY2 program, the resident should possess competencies that enable attainment of board certification (i.e., BCPS).

Outcomes

Specific residency goals and objectives will be established in the beginning of the residency and 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:

- Demonstrate excellence in the provision of education, training, and evidence-based information for health care professionals and health care professionals in training.
- Contribute to the management of the organization's medication-use policies or processes.
- Exercise leadership and practice management skills.
- Conduct drug information practice-related projects.
- Contribute to the management of the organization's budget.
- Contribute to the management of the organization's medication-use process.
- Contribute to the management of a drug information center/service.
- Demonstrate excellence in the provision of evidence-based information and education for the public.
- Demonstrate skills required to function in an academic setting.

The Residency Experience

Activities will include providing drug information services to health professionals throughout the region and to approximately 100 hospital pharmacy departments throughout the United States and Canada associated with a national hospital pharmacy management corporation. Other activities include preparation of scientifically based, unbiased drug evaluations for the Pharmacy and Therapeutics Committee, management of the hospital formulary system, participation in ongoing medication use evaluations, and preparation of drug therapy newsletters. The resident will also participate in computer-assisted drug information services, adverse reaction

surveillance, and administrative and management activities of drug information services; assist with the maintenance of the information systems (ie, order entry system, computerized physician order entry, bar code medication scanning, electronic MARs); and provide educational programs for the hospital staff and students at the Medical University.

In addition to drug information activities, the resident is required to complete at least 2 elective learning experiences, to present one formal seminar, and to participate in the department's ongoing clinical service programs. All residents have access to the Department's computer network, which includes word processing, database, spreadsheet and other software. The resident will also complete a residency service project. The objectives of the residency service project are to develop the resident's skills in problem identification, investigation, and resolution; to promote the resident's ability to contribute to the literature; to increase the resident's interaction with other professionals; and to assist in the scholarly development of drug information practice. Projects are selected by mutual agreement of the resident and the program director. It is strongly encouraged that the resident participates in either 1) independent activity under the preceptorship of a College of Pharmacy faculty member, or 2) collaborative activity with a faculty member on a project already in progress. On successful completion of the program, the resident will receive a Certificate of Residency in Drug Information Practice from the MUSC Medical Center and College of Pharmacy Residency program.

LEARNING EXPERIENCES

Orientation	1 month (if new to the residency program)
Drug Information	11 – 12 months (longitudinal)
Drug Information – Teaching	1 – 3months
Medication Safety	4 – 6 weeks (longitudinal)
Outcomes Management (optional)	1 month (required if the resident did not complete the Outcomes rotation in the PGY1 year)
Informatics (optional)	4 – 6 weeks (longitudinal)
Clinic experience (optional)	Half day per week (longitudinal)
Teaching assistant with drug information courses at the College of Pharmacy (optional)	1 – 2 semesters

PROGRAM PRECEPTORS

Kelli L. Garrison, PharmD, BCPS
Manager, Medication Use Policy & Informatics

Jason Cooper, PharmD
Clinical Specialist, Drug Information

Holly Griffin, PharmD
Clinical Specialist, Information Systems

Chris Wisniewski, PharmD
Clinical Specialist, Drug Information
Assistant Professor, SCCP-MUSC Campus

Lynn Uber, PharmD
Coordinator, Outcomes Management

Margaret Wheat, RPh
Coordinator, Information Systems

Maureen Sheakley, PharmD
Coordinator, Medication Safety

The resident will also have significant interactions with the following clinical pharmacists and other leadership staff.

Jen Cina, PharmD
Clinical Pharmacist, Drug Policy/Informatics

Jennie Holt, RPh
Clinical Pharmacist, Drug Policy/Informatics

Brett Wood, RPh
Clinical Pharmacist, Drug Policy/Informatics

On-site interviews will be required.

Application materials must be postmarked by January 5th.

For further information contact:

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