

MUSC Medical Center and College of Pharmacy
Residency Programs
PGY1/PGY2 Pharmacotherapy Residency
Frequently Asked Questions

What is a Pharmacotherapy residency ? The MUSC Pharmacotherapy residency integrates the general pharmacy practice and specialty pharmacotherapy residencies into one comprehensive program. It is developed to produce practitioners able to design and implement pharmacotherapy regimens for patients with a broad range of diseases and work effectively in health care systems. The resident will become competent within a specific area (e.g., pediatrics, internal medicine) before moving on to another practice environment.

Where can I receive more information about the residency program at MUSC ? Go to the MUSC Medical Center and College of Pharmacy web page at: www.musc.edu/pharmacy. Click on Residency Programs and follow the links to the specialty residencies.

How do I receive an application for the residency program at MUSC? The application can be downloaded from the MUSC Medical Center and College of Pharmacy Residency Program web page.

What is the rotation schedule for pharmacotherapy residents? The residency standard for PCT lists many diseases for which the resident should be able to develop a therapeutic plan. We have designed our program so you will have experience with patients with these diseases. The resident usually does drug information and practice management in the first year. You will spend 2-3 months in pediatrics and 2-3 months in psychiatry. Five to six months have been allocated to critically ill/surgical patients. The resident spends 1-2 months in each of the general medicine and subspecialty services (e.g. cardiology, nephrology, oncology). The ambulatory care component consists of two or more consecutive months in clinics as well as longitudinal experiences throughout the 24 month program. The specific rotation schedule will be developed after discussions with the residency director. An example of a rotation schedule is on the back.

What is the best way to contact Residency Program Director (RPD)?

Wendy M. Bullington, Pharm.D, BCPS. The fastest method of communication is via e-mail at bulling@musc.edu.

What are the required contents of the application packet?

Application packets should include: the application, a letter of intent, official transcripts, class rank and three letters of reference.

When is the application packet due?

The application and letter of intent for the residencies at MUSC **must be postmarked by January 5.**

What happens if my transcripts or reference letters miss the January 5th deadline? We understand the difficulty in obtaining official transcripts and reference letters. We know that having them mailed in a timely manner is often out of your control. However, we encourage you to work diligently to ensure that these documents are mailed to us as soon as possible.

What is the salary?

A Pharmacotherapy Resident at MUSC will make \$41,000 in PGY1 and \$42,435 in PGY2.

How much "call" is involved? Pharmacotherapy residents participate in the Clinical Pharmacy On-Call Service. Residents will take call 24 hours a day for one week at a time approximately six times a year. You are not required to remain in the hospital during this time, but must be available to return if necessary. Each resident will have a preceptor assigned as back up when on-call.

What is the staffing component of the residency?

Pharmacotherapy residents are required to staff at the Medical University Hospital 24 hours per month in PGY1 and 16 hours/month in PGY2. Experience will be gained in the Children's Hospital and in the adult area.

What are other requirements of the residency?

All pharmacy residents at MUSC are required to complete two projects: a MUE and a service/research project. One of these projects will be presented at the Southeastern Residency Conference (SERC). Residents present one ACPE-accredited seminar per year and participate in Resident Interactive Teaching Experience (RITE). Pharmacotherapy residents are expected to have two publications by the end of the 24 months.

Are there teaching opportunities?

Yes. All residents serve as role model preceptors for pharmacy students doing entry experiential activities. In addition, all specialty residents are asked to give one additional didactic lecture in one of the courses offered in the College of Pharmacy. A "certificate of academic preparation" is available as an option. This certificate program requires the resident to maintain a teaching portfolio, attendance at a series of seminars and informal meetings held throughout the year and participate in some additional teaching activities. A faculty mentor is available to guide you through the program. Rotations will vary depending on the interest of the resident. The sequence of areas may not be in this order.

PGY1			
July	Practice Mgt	Orientation/staffing	clinic one-half day/wk (HF)
August	Practice Mgt	Administration/Mgt	clinic one-half day/wk
September	Practice Mgt	Drug Information	clinic one-half day/wk
October	Pediatrics	General Pediatrics	clinic one-half day/wk
November	Pediatrics	Peds CT ICU	clinic one-half day/wk
December	Psychiatry	Psychiatry	clinic one-half day/wk
January	Psychiatry	Gero psychiatry	clinic one-half day/wk
February	Internal Medicine	Cardiology	clinic one-half day/wk
March	Internal Medicine	General Medicine	clinic one-half day/wk
April	Internal Medicine	Nephrology	clinic one-half day/wk
May	Internal Medicine	Oncology	clinic one-half day/wk
June	Internal Medicine	Hematology	clinic one-half day/wk
PGY2			
July	Internal Medicine	Infectious Disease	clinic one-half day/wk (HIV)
August	Amb. Care	Family Medicine Clinic	clinic one-half day/wk
September	Amb. Care	Family Medicine Clinic	clinic one-half day/wk
October	Amb. Care	Rheumatology/Dermatology	clinic one-half day/wk
November	Critical Care	Burn/trauma	clinic one-half day/wk
December	Critical Care	Transplantation	clinic one-half day/wk
January	Critical Care	Neurosurgery	clinic one-half day/wk
February	Critical Care	Medical ICU	clinic one-half day/wk
March	Critical Care	CT surgery	clinic one-half day/wk
April	Internal Medicine	General Medicine	clinic one-half day/wk
May	Inpt/outpt	Geriatrics	clinic one-half day/wk
June	Inpt/outpt	Neurology	clinic one-half day/wk

What kind of projects have pharmacotherapy residents done?

The Development of a Policy and Procedure for the Anticoagulation Clinic

Evaluation and Enforcement of Formulary Restrictions

Validation and Evaluation of a Once-Daily Aminoglycoside Protocol in a General Medicine Patient Population

Comprehensive Program for Education and Monitoring of Patients with HIV/AIDS

Improving the Use of Lipid Lowering Agents in Secondary Prevention Patients

Evaluation of the Treatment of Systemic Fungal Infections in Pediatric Patients

Development of Therapeutic Monographs for the MUSC Transplant Protocol Handbook

Timing of Antibiotic Administration in Patients Admitted through the Emergency Department

Developing a Surveillance Program of Antimicrobial Resistance and Usage Patterns in the ICU

Medication Use Evaluation assessing proper propofol use in the ICUs

Creation of guidelines for psychotropic use in children -Improving Outcomes in Renal Transplant Patients

Randomized trial evaluating the safety and efficacy of intermittent versus continuous intravenous furosemide