



SPECIALTY RESIDENCY IN CRITICAL CARE

The University of North Carolina Hospitals and Clinics, in conjunction with the University of North Carolina Eshelman School of Pharmacy, offers a one-year specialty residency in critical care. The primary patient population encountered during this training program will be adult patients in an intensive care unit with various medical and surgical conditions. The purpose of the Postgraduate year Two (PGY2) Critical Care Pharmacy Residency program is to prepare the resident to excel in the care of patients in any critical care setting as a clinical pharmacy specialist or clinical faculty member. The residency program will focus on the provision of prospective evidence-based pharmaceutical care to patients and the appropriate monitoring and follow-up. Multiple professional writing and research opportunities as well as teaching and precepting opportunities are available during the course of the year.

Practice Areas

The residency program is tailored to the interests and the career goals of each resident. A variety of rotations in established practice settings are available throughout the University of North Carolina Hospitals. The resident's rotation schedule is determined at the beginning of the year with a core program consisting of the following:

Pharmacy Orientation	(July)
Medical Intensive Care Unit	2 months
Surgical ICU (Trauma)	1 month
Neurosurgery ICU	1 month
Cardiothoracic ICU	1 month
Elective ICU	3 months
Elective rotations	2 months
Research	1 month

Elective rotations are designed to provide additional experiences and training in areas of interest. Listed below are some of the elective rotations available:

- Cardiology Intensive Care unit
- Nutritional Support
- Infectious Diseases
- Transplant Surgery
- Emergency Medicine
- Adult Hematology
- Bone Marrow Transplant

Residency Research Project

The resident is expected to participate in a project that enhances the following learning objectives: developing criteria, seeking approval of the criteria from the medical staff, collecting and summarizing data, analyzing results and presenting the findings. To fulfill the requirement, each resident must complete a pharmacotherapy project and write a research manuscript which must be in publishable format by completion of the residency. It is strongly encouraged for the resident to present the results at a critical care meeting or a suitable alternative.

Teaching Responsibilities:

Each resident will earn an appointment with the UNC Eshelman School of Pharmacy as a Clinical Instructor. Teaching experiences are integrated with patient care experiences throughout the year. Residents will assist with precepting Doctor of Pharmacy candidates and Pharmacy Practice residents on clinical rotations. PGY2 residents are incorporated into a layered learning model with students and PGY1 residents who are also on rotations in various ICU rotations. PGY2 residents will participate in weekly PGY2 specific topic discussions with critical care preceptors as well as leading topic discussions for students/PGY1 residents on average twice a month. The critical care resident is expected to attend weekly student seminars as well as weekly case seminars. The PGY2 will participate in the critical care case conferences which will average 2 to 4 a year. Case conferences are interactive, didactic and case-based. Residents are also required to present a one-hour ACPE- approved seminar which is held in the evening and open for the public to attend. This is generally scheduled for the fall.

Residents will teach in the Pharmacy Skills Laboratory at the UNC Eshelman School of Pharmacy and are required to teach a didactic lecture in the critical care elective during the Spring Semester.

Professional Meetings

Each resident is expected to attend the ASHP Midyear Clinical Meeting (December). Participation in the Southeastern Residency Conference is optional and dependent upon the needs of the resident and the program. Attendance at either the ACCP Meeting (November), or SCCM (January) are encouraged. Financial compensation may be provided for these educational experiences.

Pharmacy Practice Responsibilities

Pharmacy practice responsibilities (staffing) include three 1-week staffing blocks throughout the year and every third weekend. Activities include, but are not limited to verifying orders, providing pharmacokinetic consults, answering in-depth drug information questions, attending codes, providing patient education and solving pharmacotherapeutic issues. Residents will also participate in the pharmacy clinical on-call program as well as Code Blue coverage.

Benefits

The specialty residency in Critical Care is a one-year program beginning July 1 and ending June 30. Each resident will be given 15 days of paid time off (PTO) for the entire year, none of which can be taken in the last 2 weeks of the program. These days include all vacation, sick leave, interview days, and meeting attendance beyond the two meetings per year that are built into the residency expectations. Individual health insurance is provided. UNC Hospitals provides comprehensive malpractice insurance for all residents at no charge.

Qualifications

Interested candidates must have completed a Doctor of Pharmacy program from an ACPE accredited school or college of pharmacy, an ASHP accredited pharmacy practice (PGY-1) residency and be eligible to practice pharmacy in North Carolina. North Carolina Board of Pharmacy licensure is required. The North Carolina State board of Pharmacy examination is given twice each year (January and June). Reciprocity is available for all states except for California. Details regarding North Carolina licensure can be found at www.ncbop.org. An on-site interview is required.

For additional information, please contact:

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